

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115816.D
 Acq On : 27 Jul 2019 8:36
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 7/29/2019 5:29:42 PM

Quant Time: Jul 29 12:15:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144961	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	613509	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	343246	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	621391	20.00	ng	0.00
76) Chrysene-d12	14.04	240	434767	20.00	ng	0.00
87) Perylene-d12	15.50	264	418303	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	715166	80.70	ng	0.00
7) Phenol-d6	6.50	99	919862	81.80	ng	0.00
23) Nitrobenzene-d5	7.43	82	862668	81.76	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	295361	73.72	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1509291	76.96	ng	0.00
79) Terphenyl-d14	12.98	244	1800112	76.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	169744	38.398	ng	99
3) Pyridine	3.41	79	453818	37.838	ng	99
4) n-Nitrosodimethylamine	3.36	42	188045	43.218	ng	100
6) Aniline	6.53	93	637098	40.711	ng	98
8) 2-Chlorophenol	6.66	128	412397	40.474	ng	97
9) Benzaldehyde	6.42	77	290202	41.297	ng	99
10) Phenol	6.52	94	545046	41.753	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	404550	40.704	ng	95
12) 1,3-Dichlorobenzene	6.82	146	455430	39.755	ng	99
13) 1,4-Dichlorobenzene	6.89	146	460532	40.291	ng	99
14) 1,2-Dichlorobenzene	7.05	146	426854	40.853	ng	99
15) Benzyl Alcohol	7.02	79	357073	40.028	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	559180	42.735	ng	98
17) 2-Methylphenol	7.13	107	359753	40.970	ng	99
18) Hexachloroethane	7.39	117	170652	40.224	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	300571	40.983	ng	99
20) 3+4-Methylphenols	7.28	107	422532	40.511	ng	97
22) Acetophenone	7.28	105	556255	40.134	ng	99
24) Nitrobenzene	7.46	77	474212	41.670	ng	98
25) Isophorone	7.69	82	860497	40.757	ng	98
26) 2-Nitrophenol	7.77	139	233726	39.901	ng	97
27) 2,4-Dimethylphenol	7.81	122	333182	38.016	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	537658	41.511	ng	100
29) 2,4-Dichlorophenol	8.02	162	370192	40.614	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	405233	39.331	ng	99
31) Naphthalene	8.18	128	1215475	40.908	ng	99
32) Benzoic acid	7.94	122	263906m	36.691	ng	
33) 4-Chloroaniline	8.22	127	542723	41.237	ng	99
34) Hexachlorobutadiene	8.30	225	235671	39.887	ng	98
35) Caprolactam	8.60	113	120143	42.655	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	398981	42.198	ng	96
37) 2-Methylnaphthalene	8.87	142	818248	41.545	ng	99
38) 1-Methylnaphthalene	8.97	142	785327	41.979	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	378490	36.617	ng	99

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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 SSTDC040

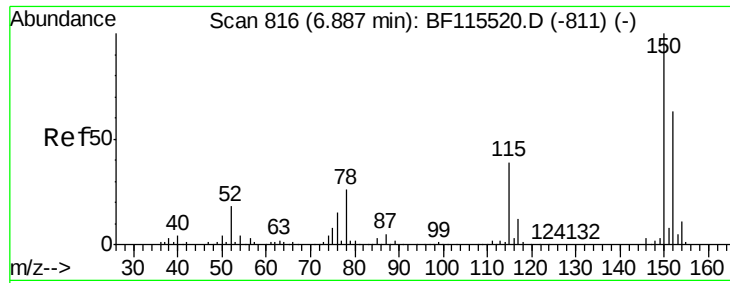
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Quant Time: Jul 29 12:15:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	217352	36.863	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	257491	34.065	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	276122	35.670	ng	96
46) 1,1'-Biphenyl	9.33	154	1007395	37.541	ng	99
47) 2-Chloronaphthalene	9.36	162	824571	36.904	ng	98
48) 2-Nitroaniline	9.45	65	272413	39.390	ng	97
49) Acenaphthylene	9.77	152	1246403	37.646	ng	100
50) Dimethylphthalate	9.63	163	997636	38.631	ng	100
51) 2,6-Dinitrotoluene	9.69	165	219987	37.484	ng	98
52) Acenaphthene	9.95	154	752961	35.226	ng	98
53) 3-Nitroaniline	9.86	138	254112	37.889	ng	96
54) 2,4-Dinitrophenol	9.97	184	121237	40.236	ng	97
55) Dibenzofuran	10.12	168	1122996	36.995	ng	99
56) 4-Nitrophenol	10.03	139	201562	39.412	ng	97
57) 2,4-Dinitrotoluene	10.10	165	295931	38.921	ng	94
58) Fluorene	10.46	166	855885	39.441	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	242583	37.487	ng	100
60) Diethylphthalate	10.33	149	959159	39.640	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	449490	37.351	ng	98
62) 4-Nitroaniline	10.48	138	263826	41.010	ng	96
63) Azobenzene	10.61	77	977596	41.653	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	133915	35.273	ng	92
66) n-Nitrosodiphenylamine	10.57	169	784410	40.581	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	285574	40.216	ng	99
68) Hexachlorobenzene	11.02	284	320978	39.581	ng	96
69) Atrazine	11.09	200	228811	36.084	ng	99
70) Pentachlorophenol	11.20	266	167999	33.872	ng	99
71) Phenanthrene	11.42	178	1314497	41.269	ng	100
72) Anthracene	11.47	178	1330797	40.428	ng	100
73) Carbazole	11.62	167	1238645	42.910	ng	100
74) Di-n-butylphthalate	11.95	149	1567565	44.086	ng	100
75) Fluoranthene	12.61	202	1376870	40.906	ng	99
77) Benzidine	12.72	184	609841	39.596	ng	100
78) Pyrene	12.84	202	1391962	37.789	ng	100
80) Butylbenzylphthalate	13.44	149	660367	42.055	ng	100
81) Benzo(a)anthracene	14.03	228	1195865	41.751	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	419144	41.164	ng	99
83) Chrysene	14.06	228	1130086	39.303	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	923519	47.481	ng	100
85) Di-n-octyl phthalate	14.62	149	1425974	46.077	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	998443	40.873	ng	99
88) Benzo(b)fluoranthene	15.07	252	1066752	39.604	ng	99
89) Benzo(k)fluoranthene	15.10	252	902159	37.568	ng	99
90) Benzo(a)pyrene	15.44	252	900685	38.905	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	830612	40.869	ng	98
92) Benzo(g,h,i)perylene	17.43	276	769768	37.977	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



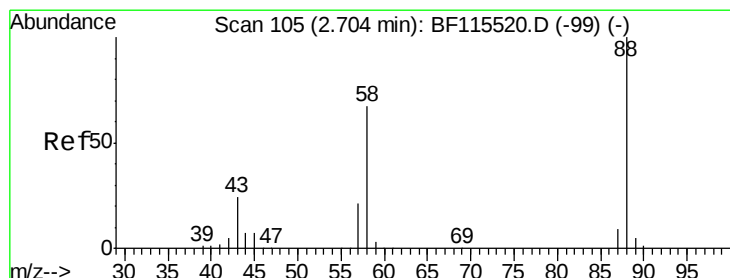
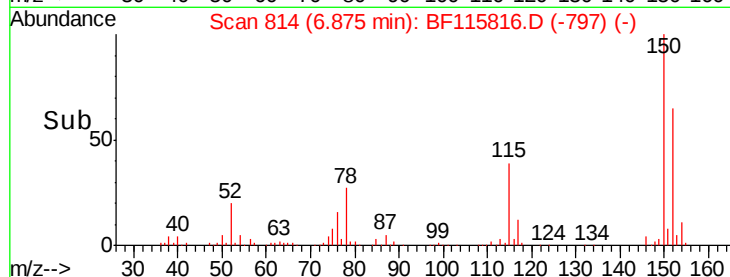
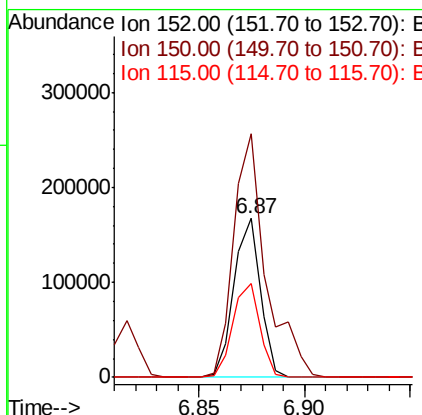
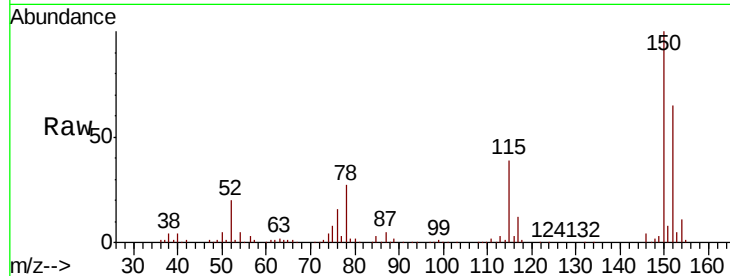
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.6	189.8
115	59.2	47.8	71.6

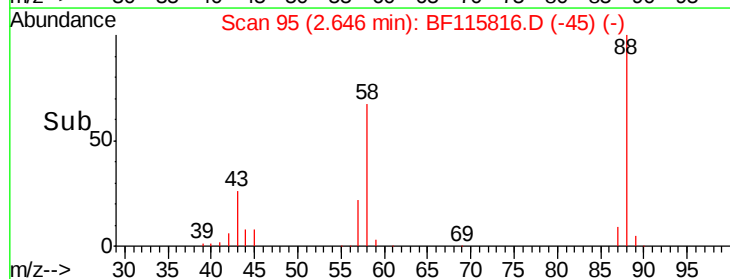
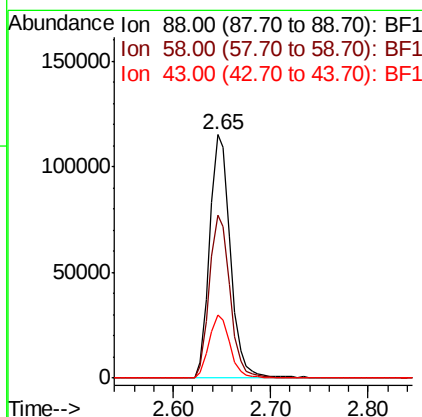
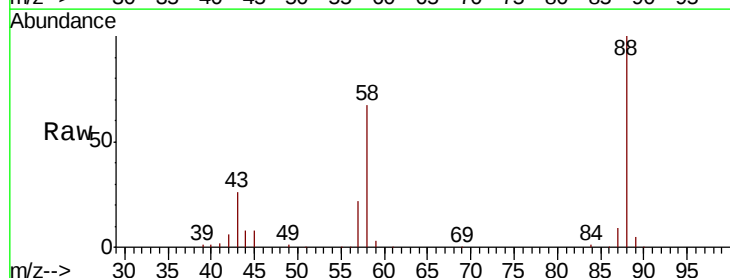
Manual Integrations
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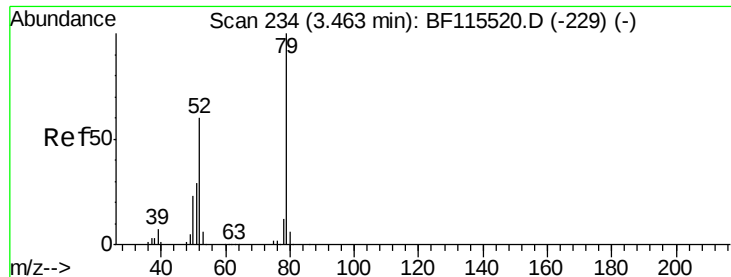
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#2
 1,4-Dioxane
 Concen: 38.398 ng
 RT: 2.65 min Scan# 95
 Delta R.T. -0.01 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	54.2	81.4
43	26.1	20.8	31.2





#3

Pvridine

Concen: 37.838 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

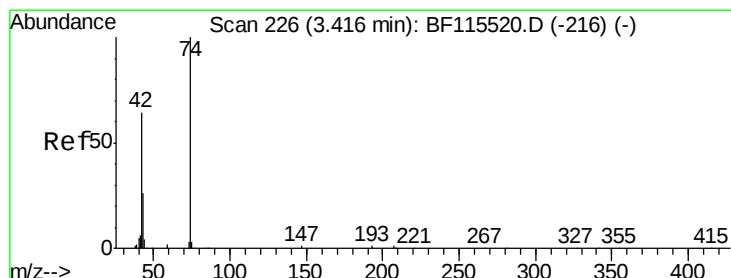
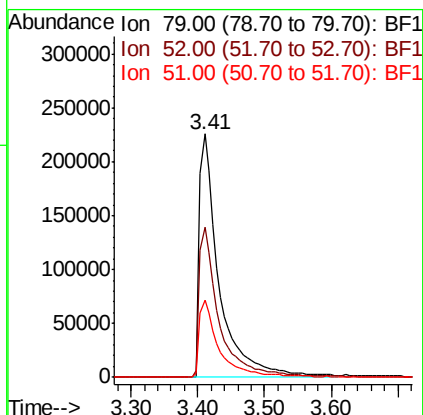
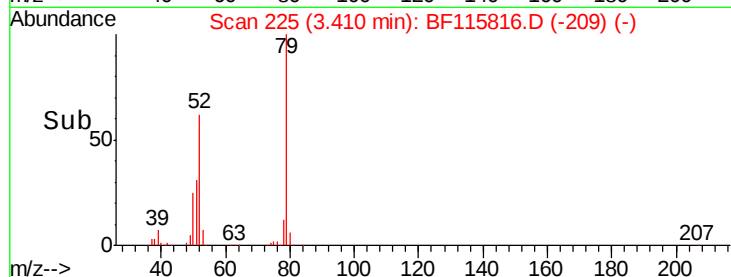
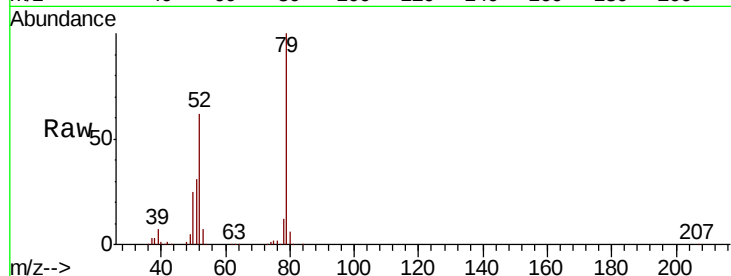
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	453818
Ion Ratio	Lower	Upper	
79	100		
52	61.8	48.4	72.6
51	31.5	24.8	37.2

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#4

n-Nitrosodimethylamine

Concen: 43.218 ng

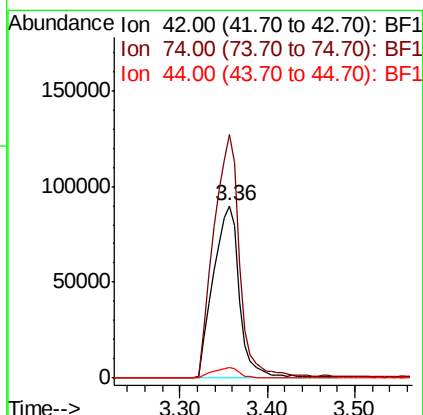
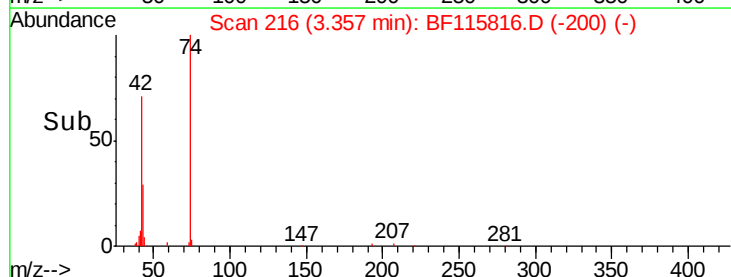
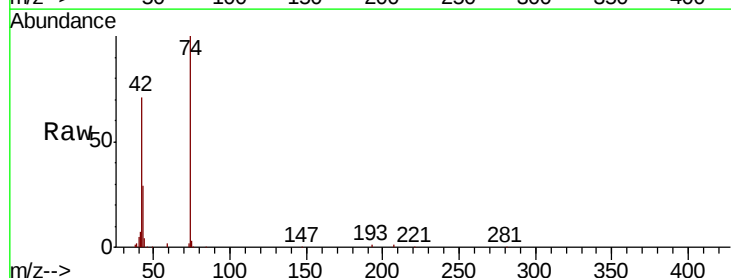
RT: 3.36 min Scan# 216

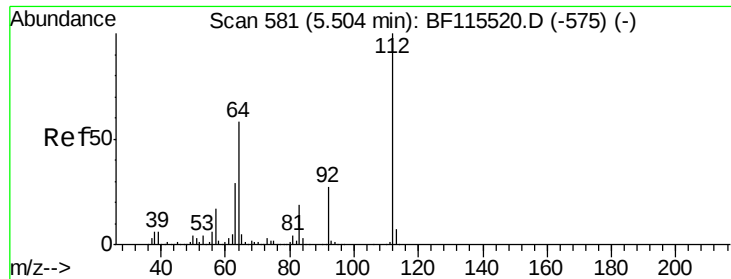
Delta R.T. -0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Tgt Ion:	42	Resp:	188045
Ion Ratio	Lower	Upper	
42	100		
74	141.1	113.4	170.0
44	6.1	5.1	7.7





#5

2-Fluorophenol

Concen: 80.698 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

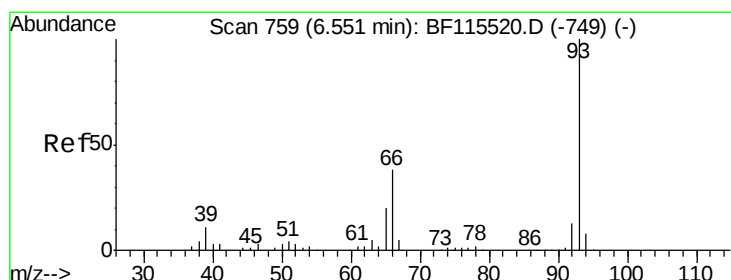
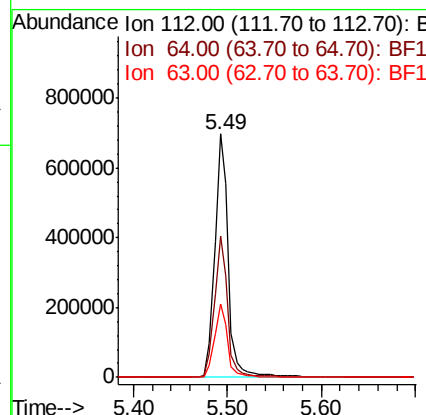
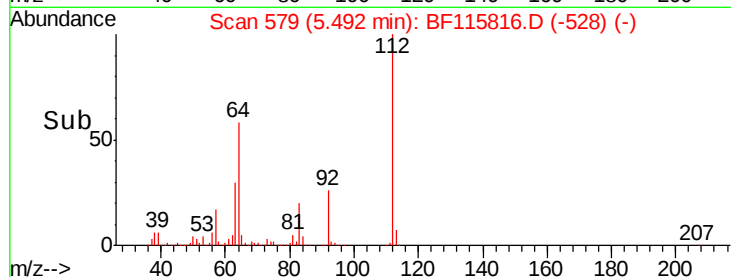
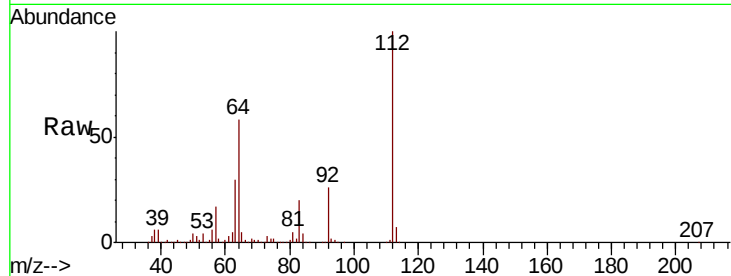
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		715166		
64	58.0		45.8	68.8	
63	30.4		23.6	35.4	

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#6

Aniline

Concen: 40.711 ng

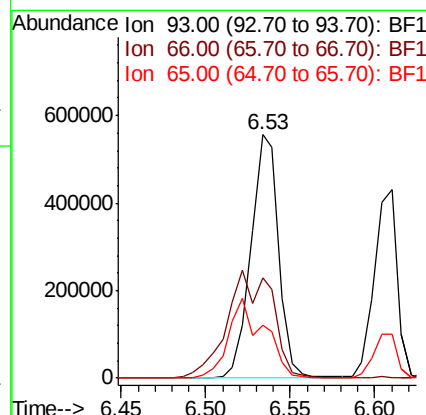
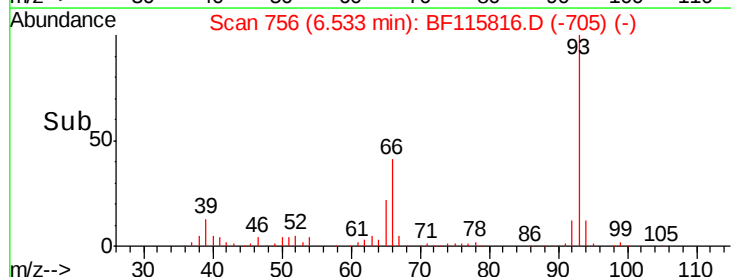
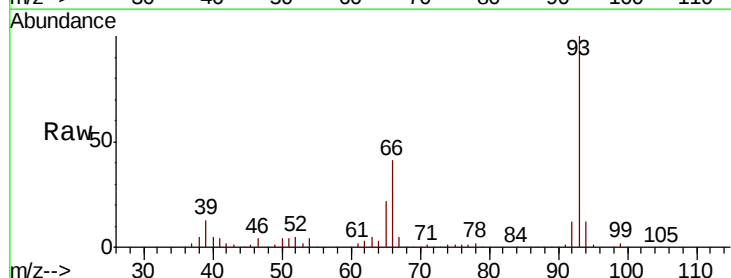
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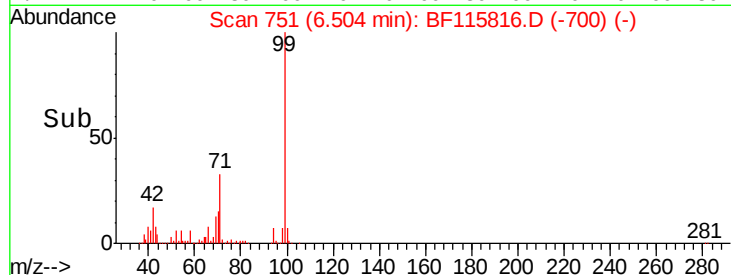
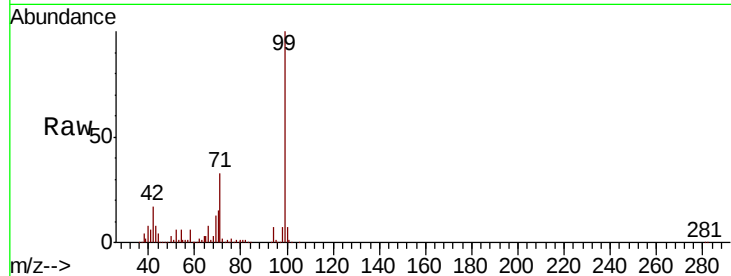
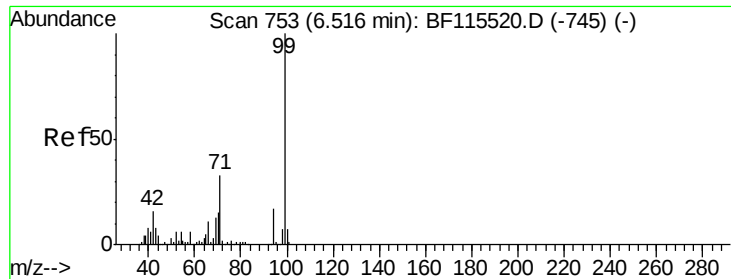
Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		637098		
66	41.0		32.2	48.2	
65	21.5		16.5	24.7	





#7

Phenol-d6

Concen: 81.800 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Tot Ion:	99	Resp:	919862
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.4	20.2
71	32.8	26.7	40.1

Instrument :

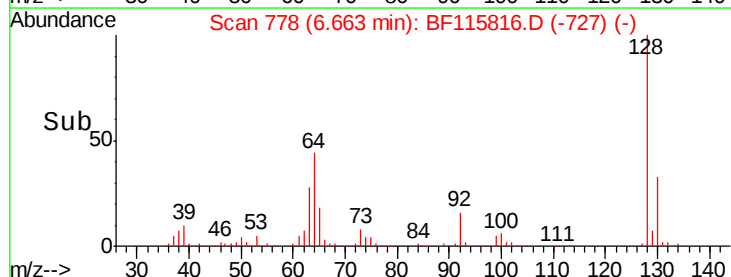
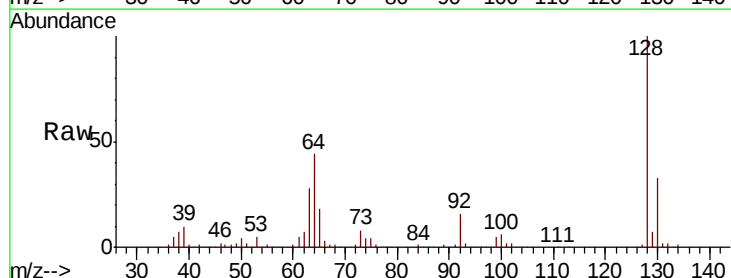
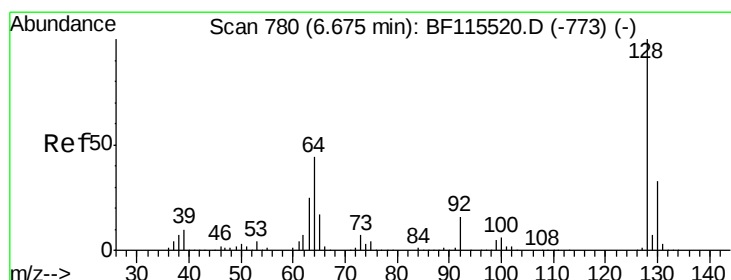
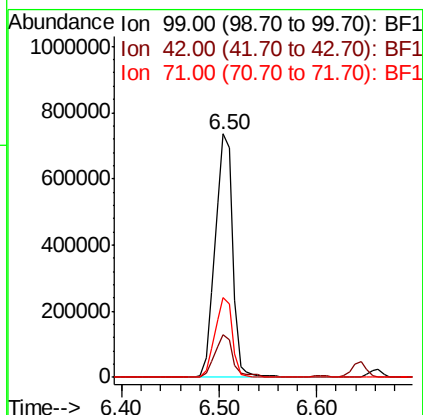
BNA_F

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SSTDCCC040

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#8

2-Chlorophenol

Concen: 40.474 ng

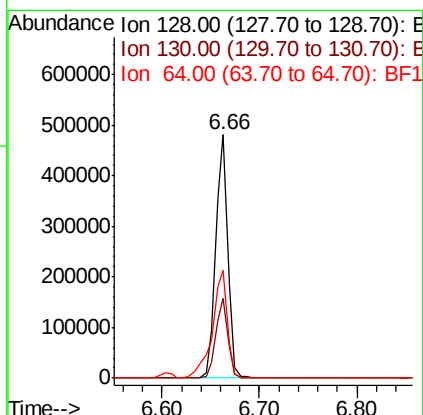
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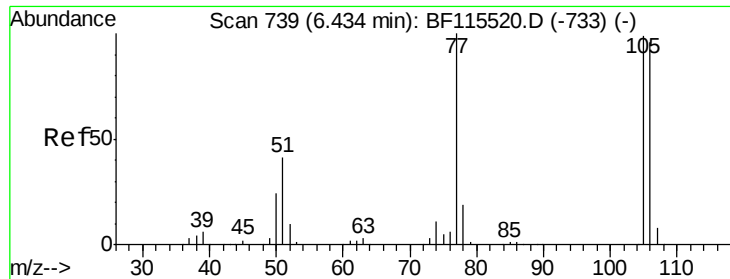
Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Tgt Ion:	128	Resp:	412397
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.8	53.8
64	44.4	22.4	62.4





#9

Benzaldehyde

Concen: 41.297 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

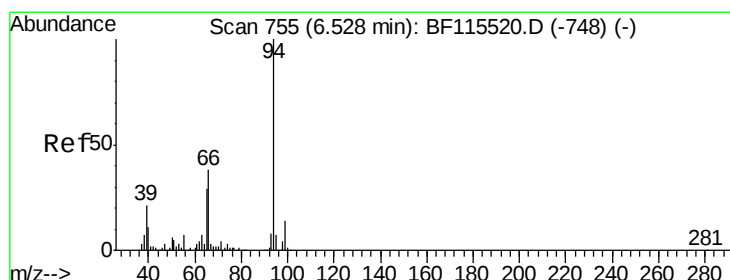
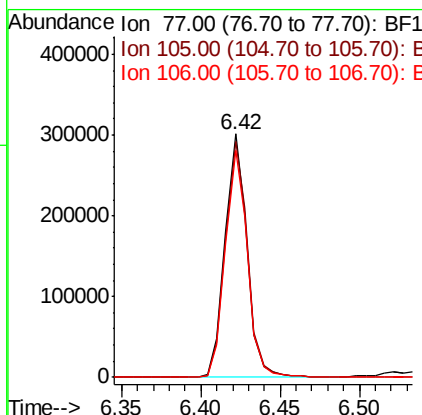
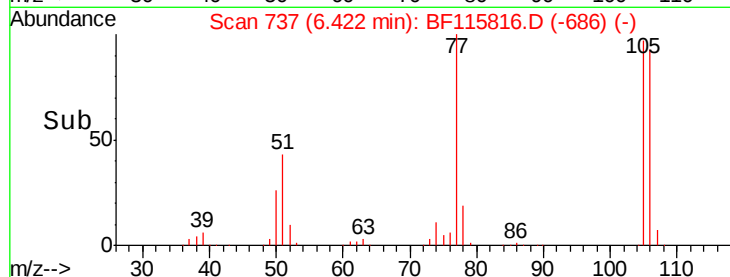
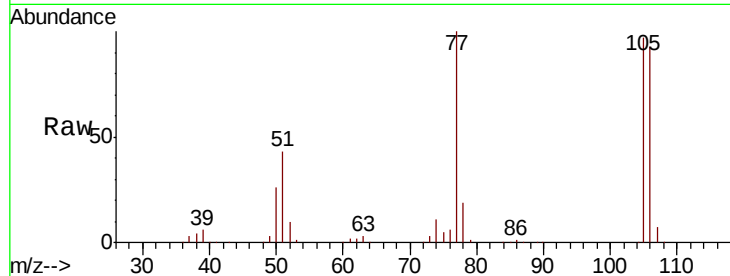
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	290202
Ion	Ratio	Lower	Upper
77	100		
105	97.2	77.5	117.5
106	93.2	74.7	114.7

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#10

Phenol

Concen: 41.753 ng

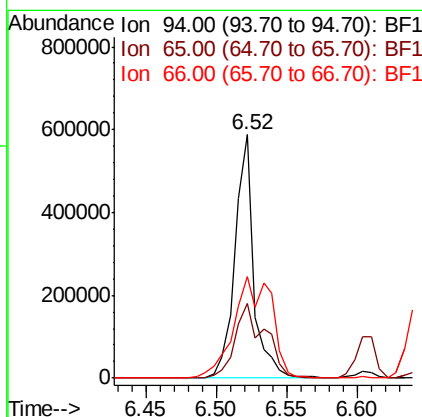
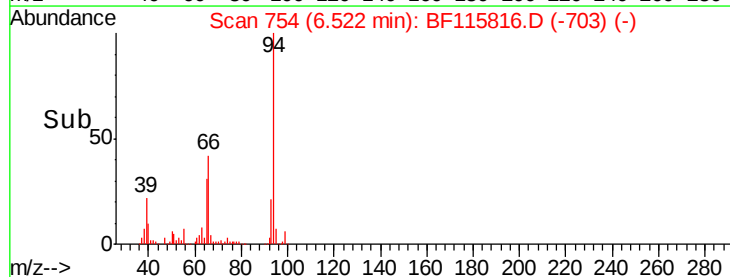
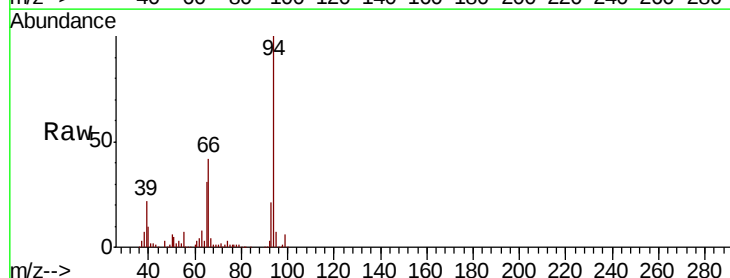
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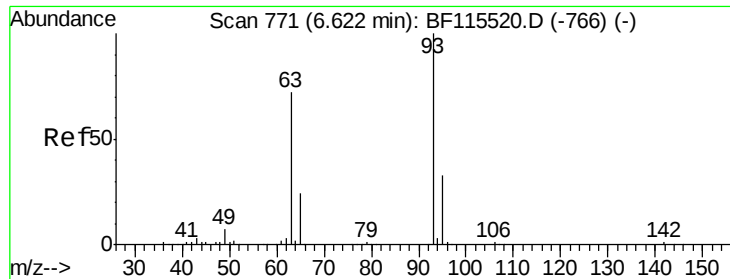
Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Tgt Ion:	94	Resp:	545046
Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.2	51.2
66	41.8	24.4	64.4





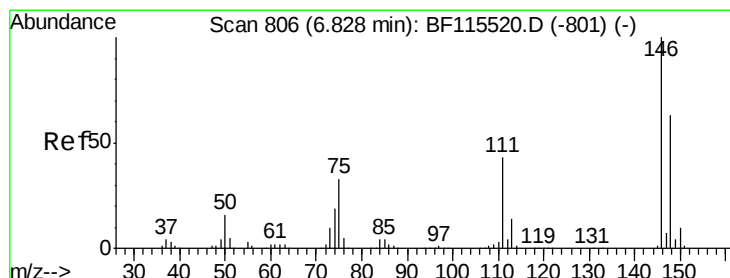
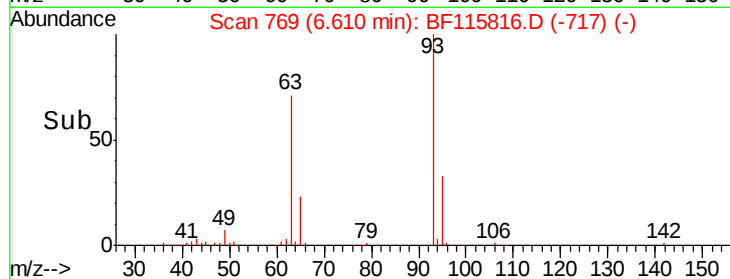
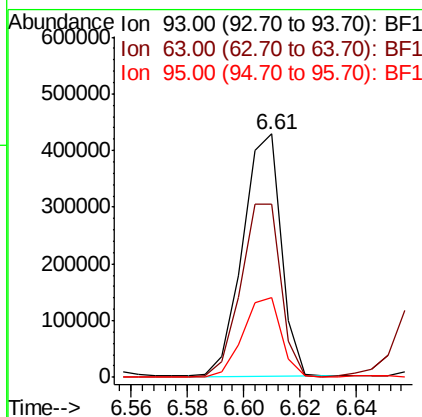
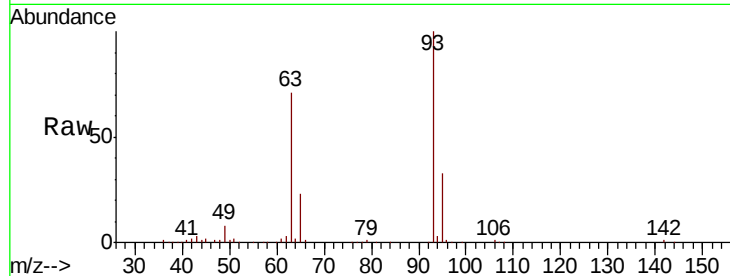
#11
bis(2-Chloroethyl)ether
Concen: 40.704 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	404550
Ion Ratio	Lower	Upper	
93	100		
63	71.0	56.2	96.2
95	32.8	12.1	52.1

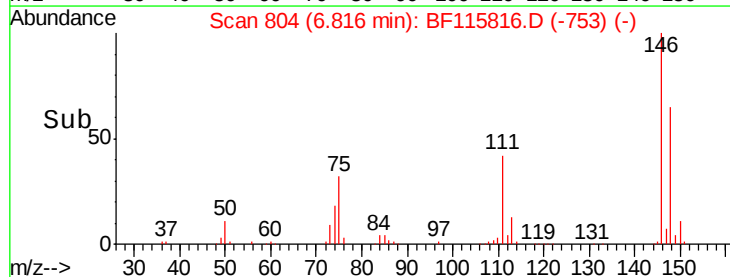
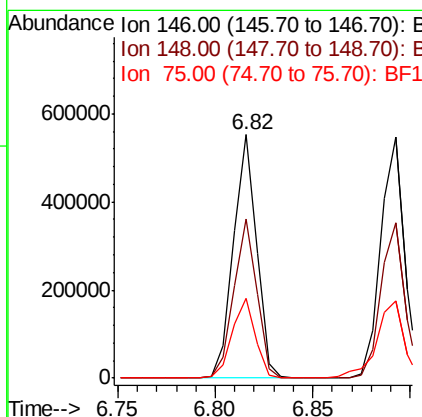
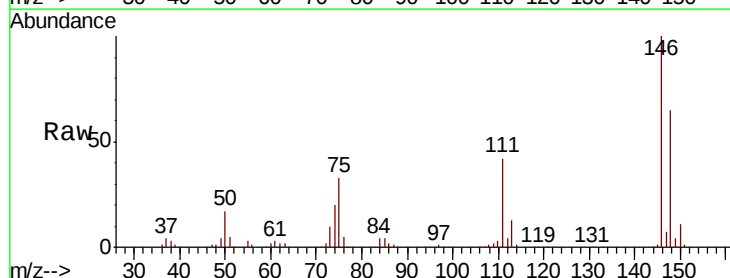
Manual Integrations
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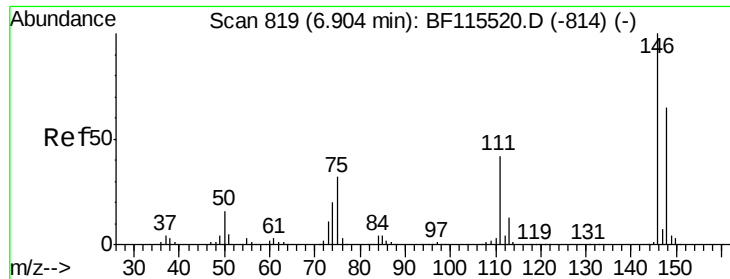
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.755 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:	146	Resp:	455430
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.9	77.9
75	32.8	25.3	37.9





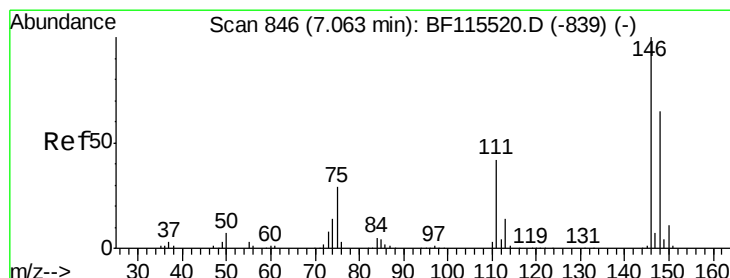
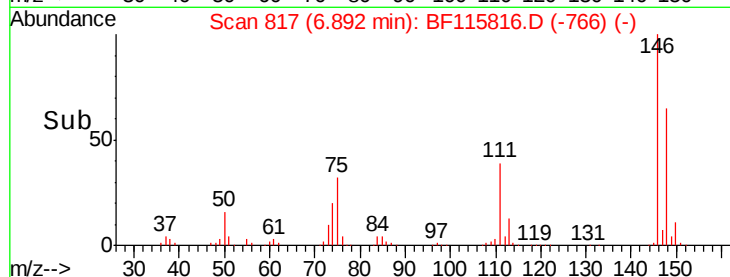
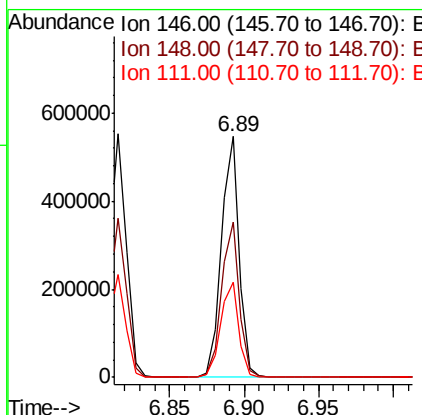
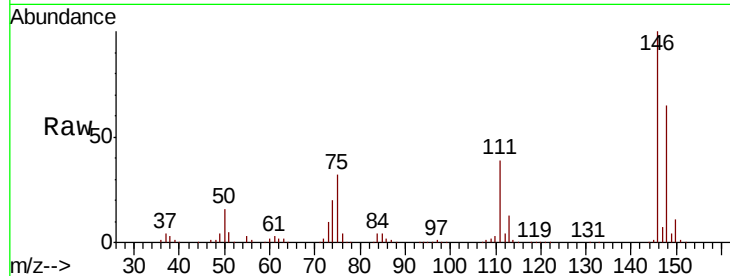
#13
 1,4-Dichlorobenzene
 Concen: 40.291 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.7	79.1
111	39.4	32.2	48.4

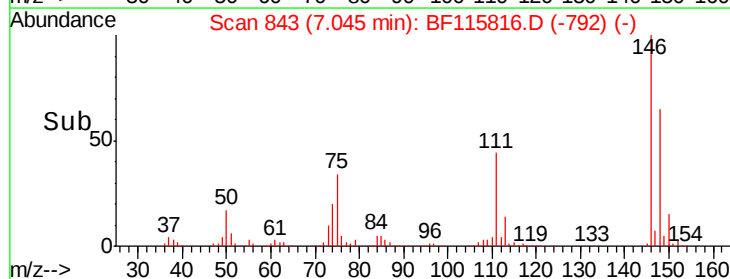
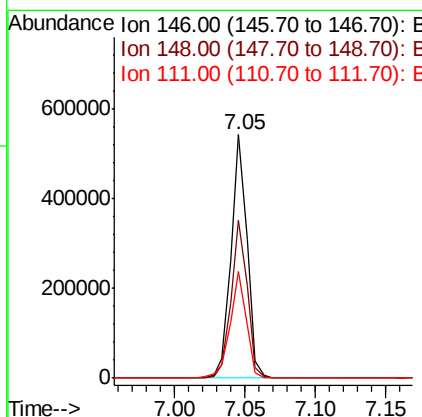
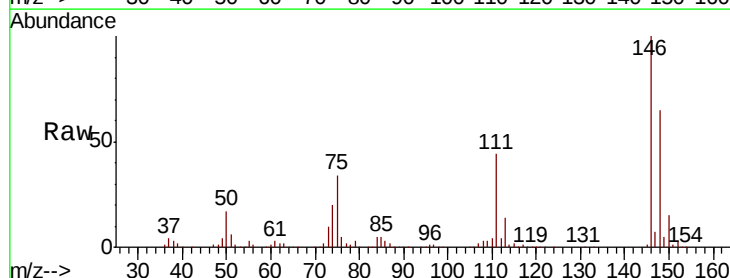
Manual Integrations
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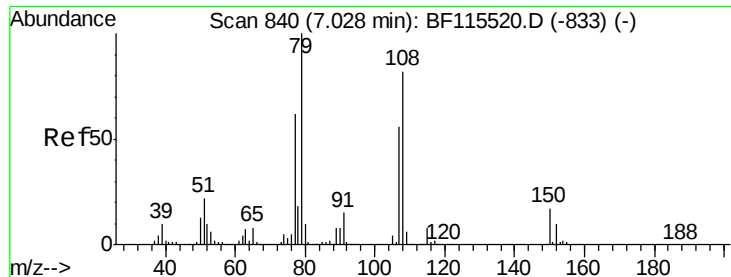
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#14
 1,2-Dichlorobenzene
 Concen: 40.853 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
111	43.9	34.6	51.8





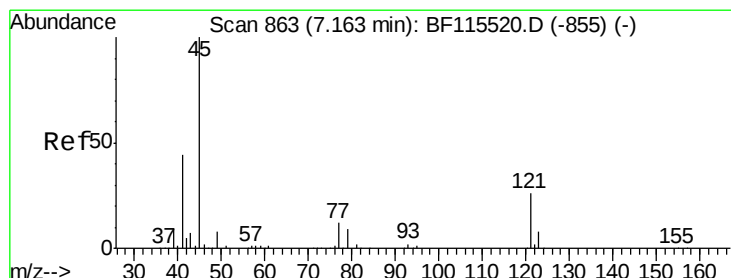
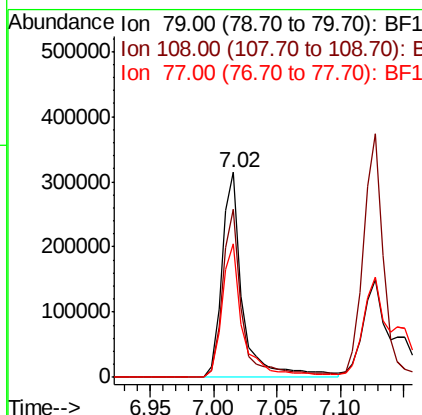
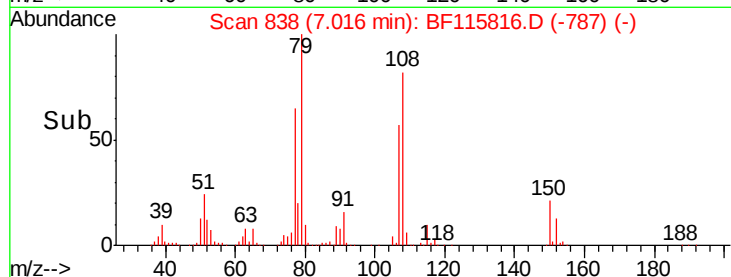
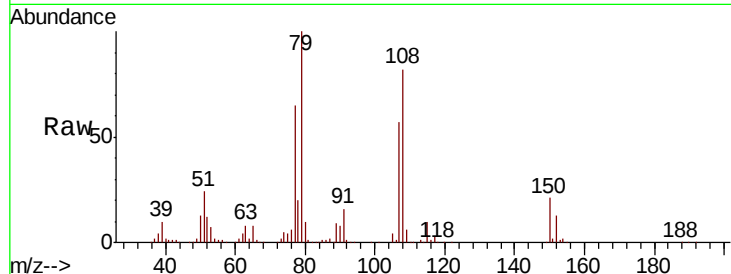
#15
Benzyl Alcohol
Concen: 40.028 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.2	65.4	98.2
77	65.3	52.7	79.1

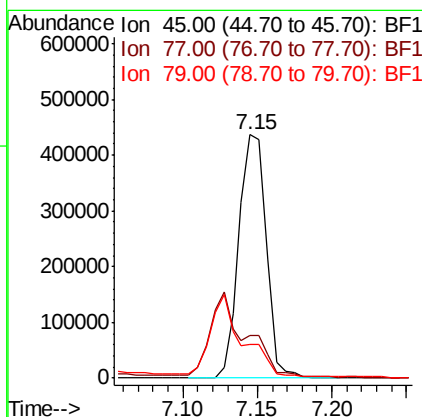
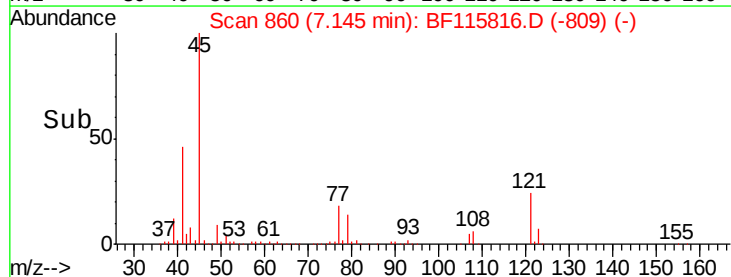
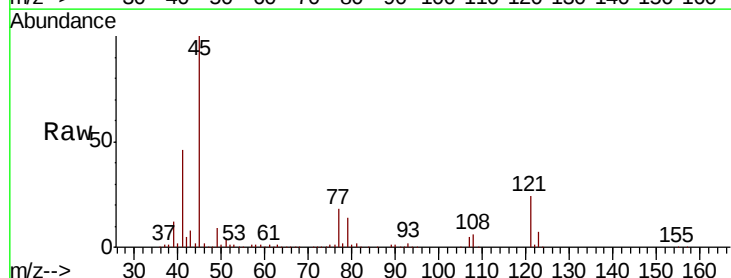
Manual Integrations
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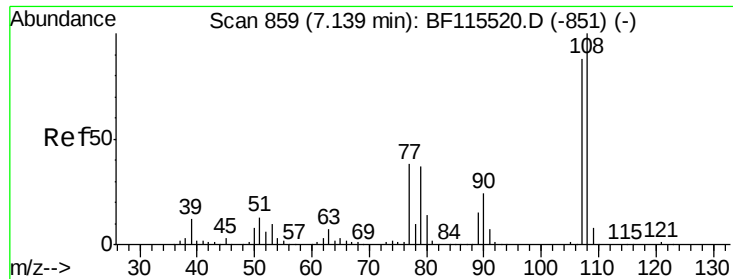
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.735 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	36.8
79	14.0	0.0	33.1





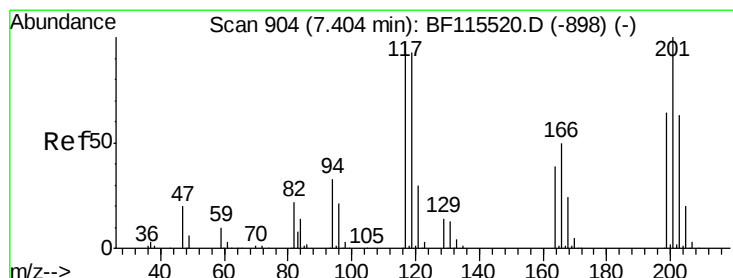
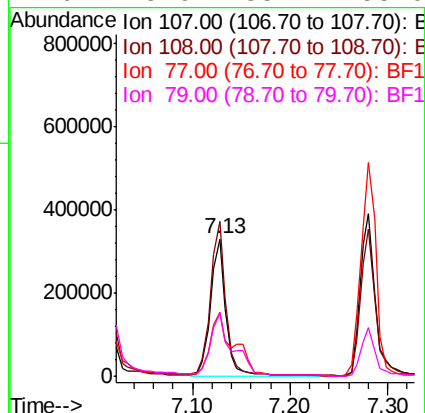
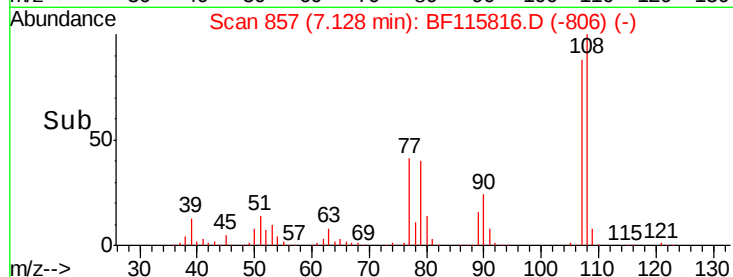
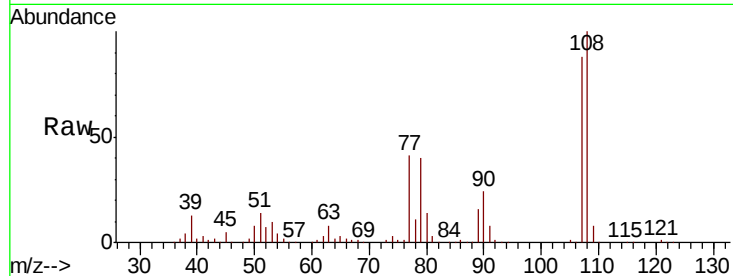
#17
2-Methylphenol
Concen: 40.970 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	91.3	136.9	
77	46.9	36.9	55.3	
79	45.6	35.4	53.0	

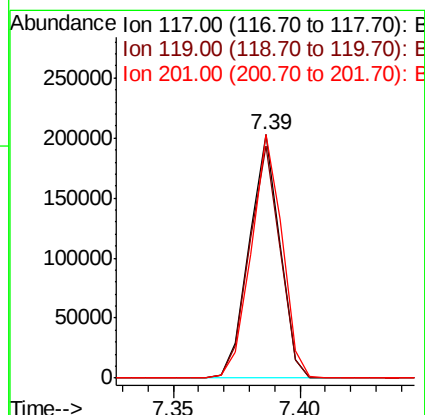
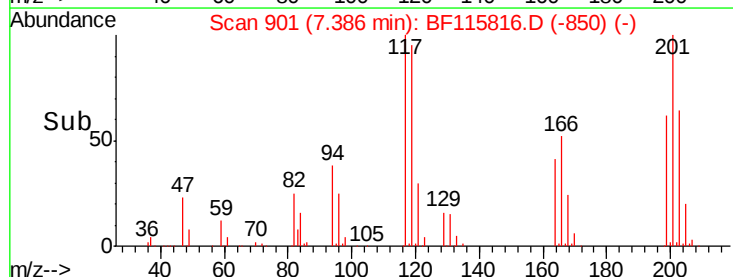
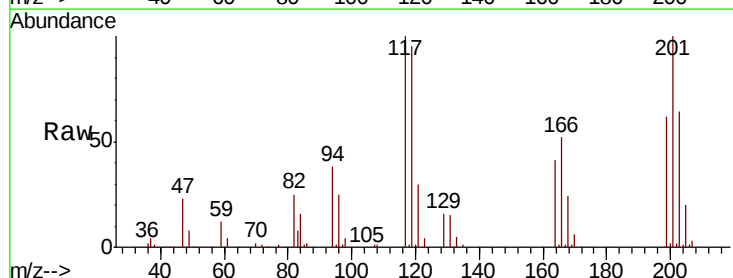
Manual Integrations
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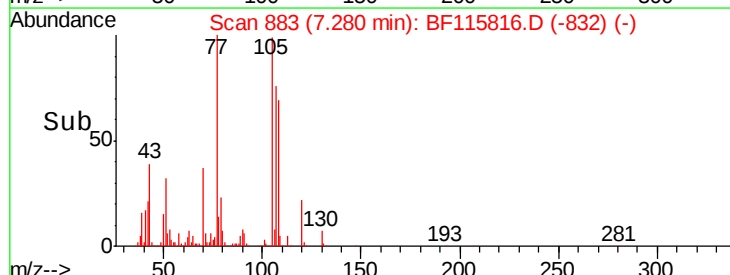
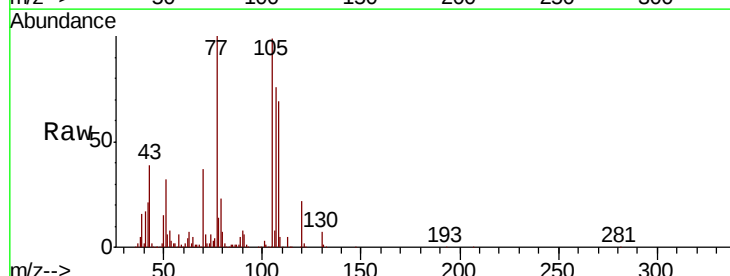
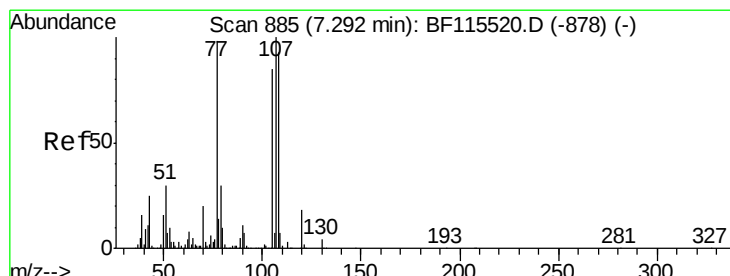
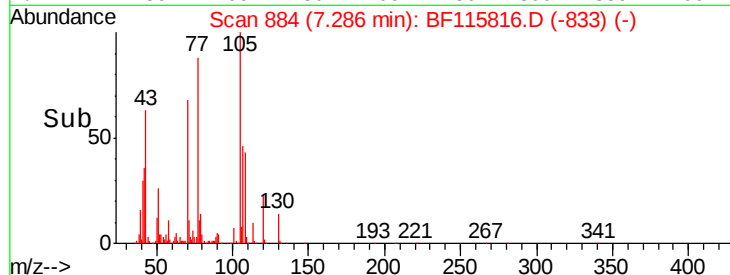
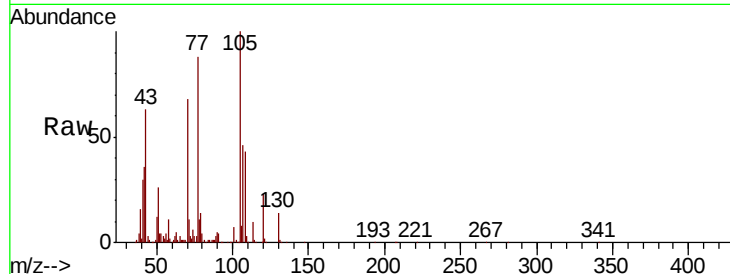
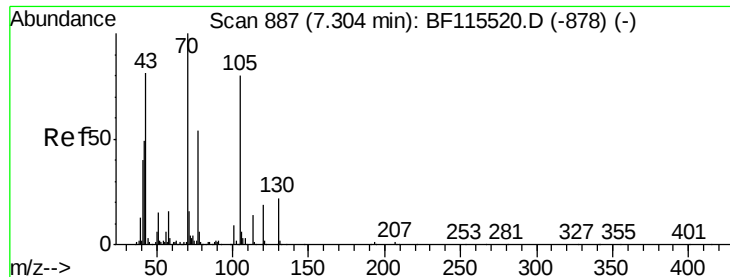
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#18
Hexachloroethane
Concen: 40.224 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	74.8	112.2	
201	99.8	77.6	116.4	





#19

n-Nitroso-di-n-propylamine

Concen: 40.983 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF115816.D

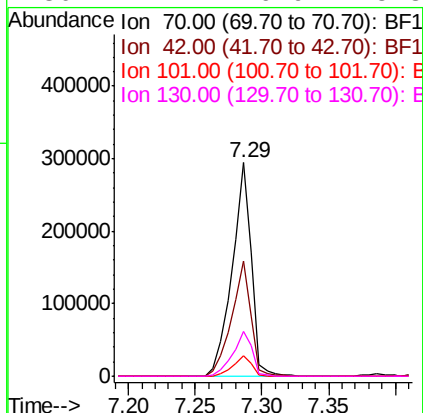
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	70	100		
42	42	53.7	41.8	62.8
101	101	9.9	7.6	11.4
130	130	21.2	16.9	25.3

Manual Integrations
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#20

3+4-Methylphenols

Concen: 40.511 ng

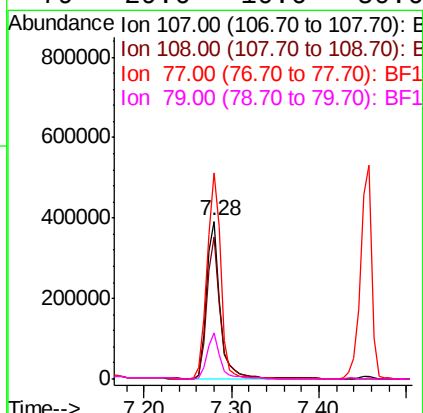
RT: 7.28 min Scan# 883

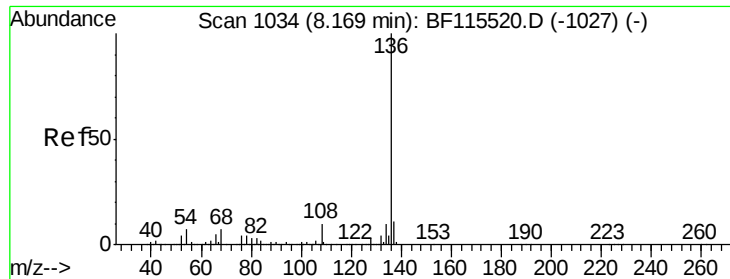
Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	107	100		
108	108	90.3	73.0	113.0
77	77	131.2	107.5	147.5
79	79	29.6	10.6	50.6





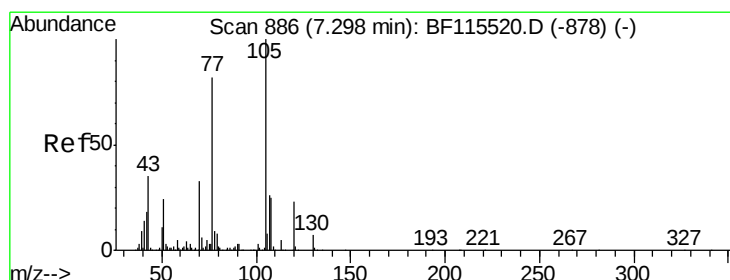
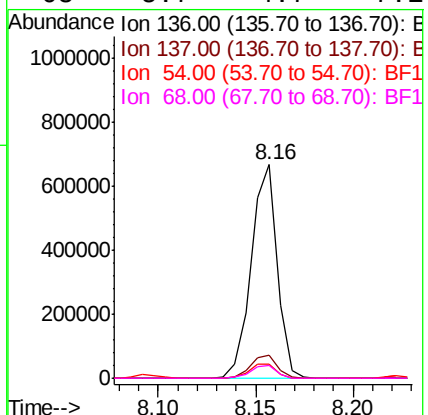
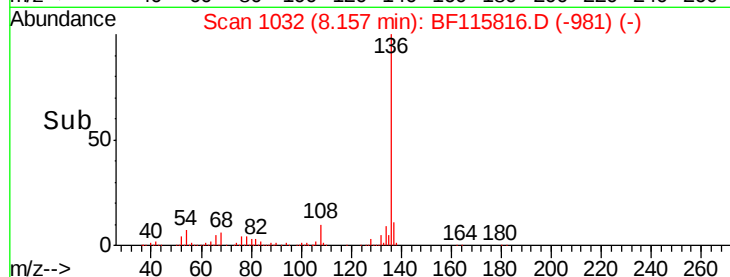
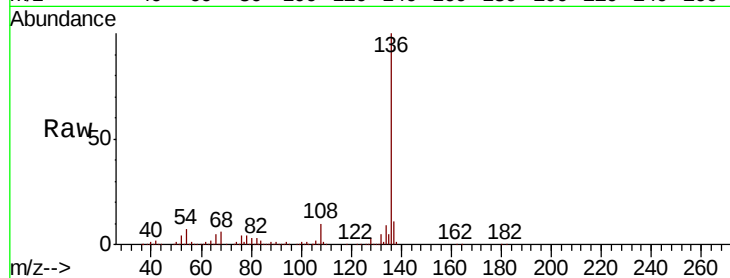
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	613509		
137	10.8		8.7	13.1
54	6.6		5.0	7.6
68	5.7		4.7	7.1

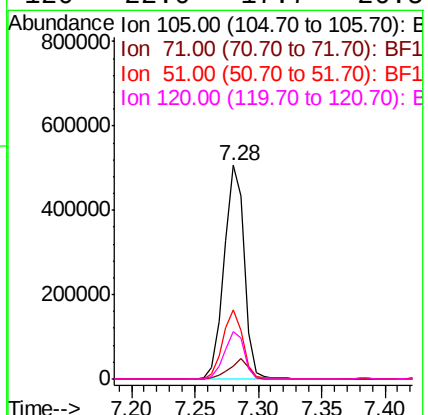
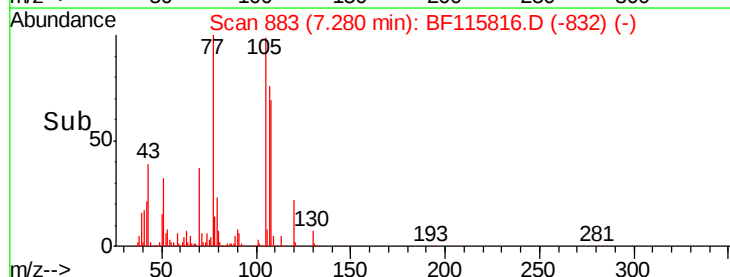
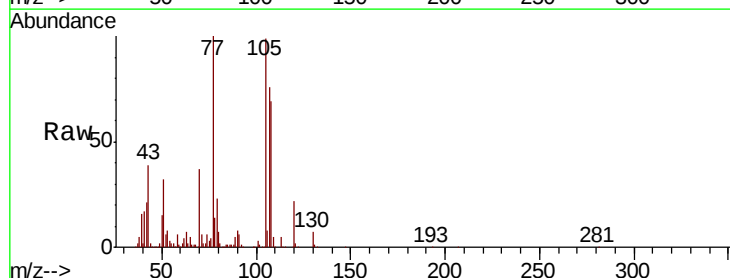
Manual Integrations
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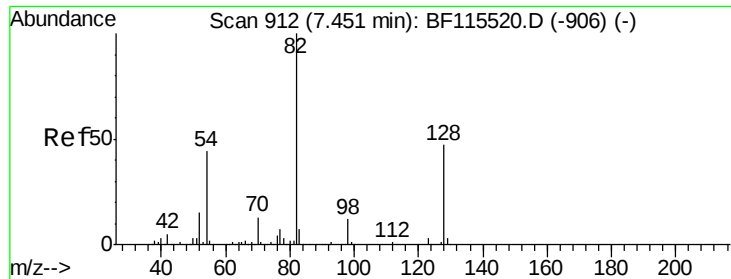
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#22
Acetophenone
Concen: 40.134 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	556255		
71	6.2		4.7	7.1
51	32.4		25.6	38.4
120	22.0		17.7	26.5





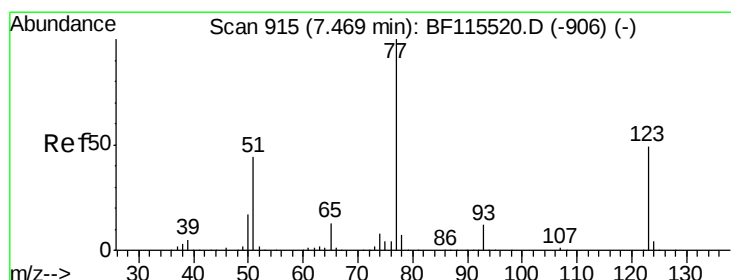
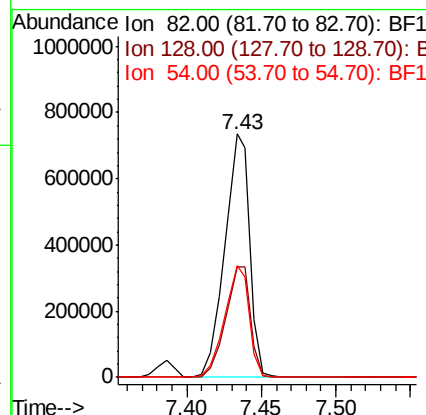
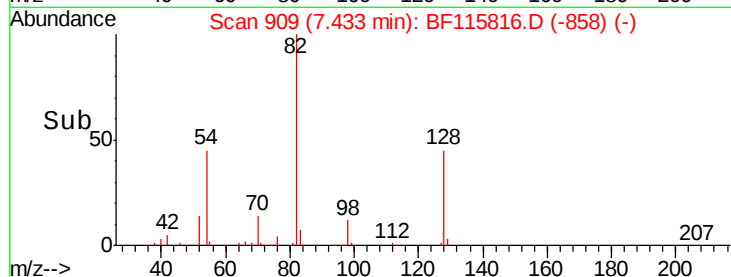
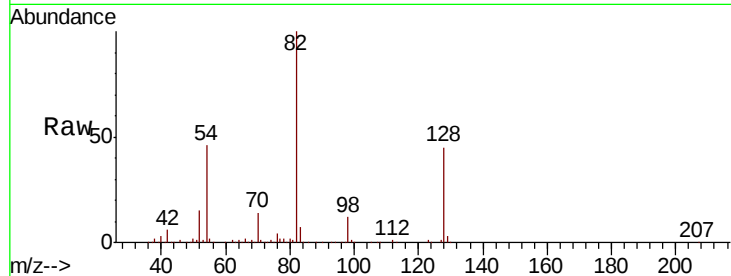
#23
Nitrobenzene-d5
Concen: 81.761 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.6	55.0
54	45.7	36.6	54.8

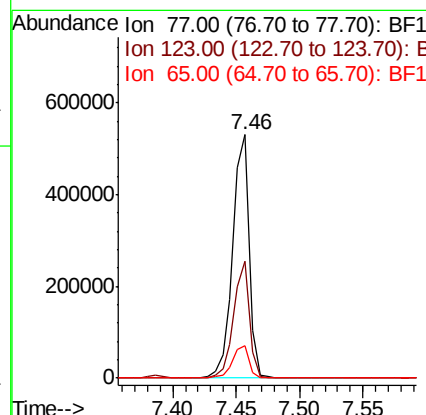
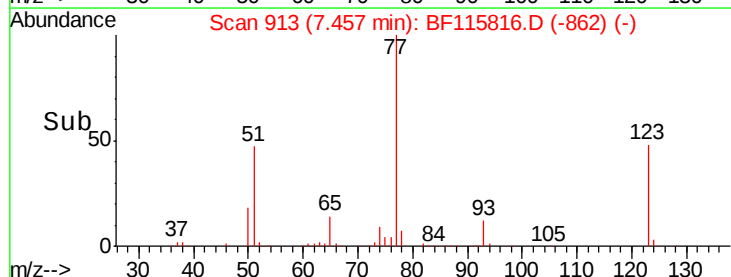
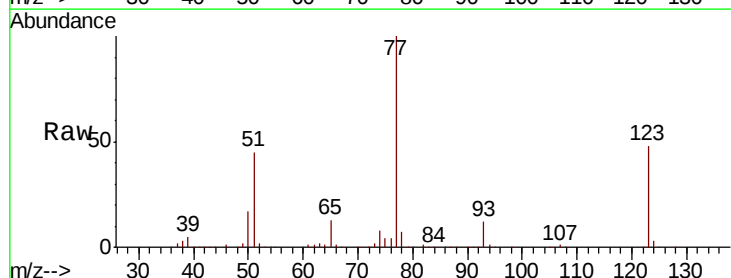
Manual Integrations
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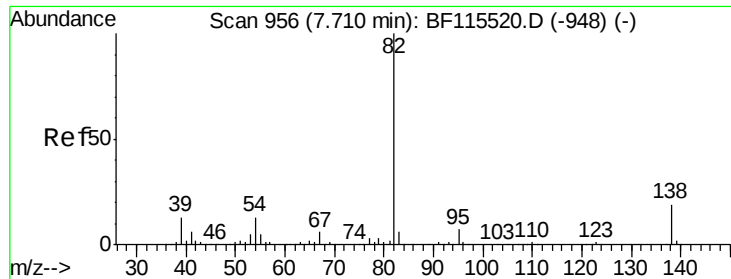
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#24
Nitrobenzene
Concen: 41.670 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	39.9	59.9
65	13.3	10.5	15.7





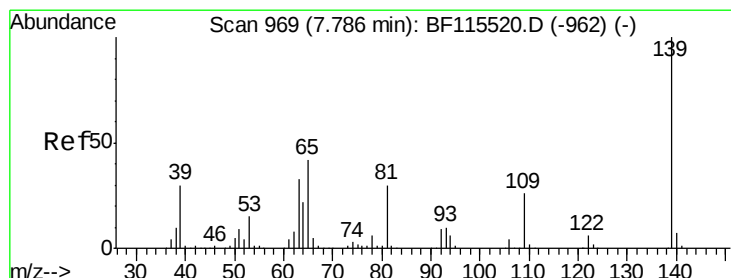
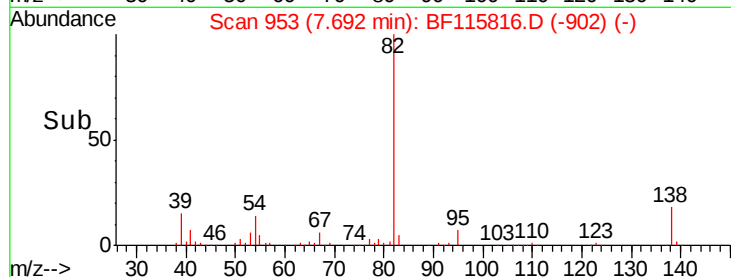
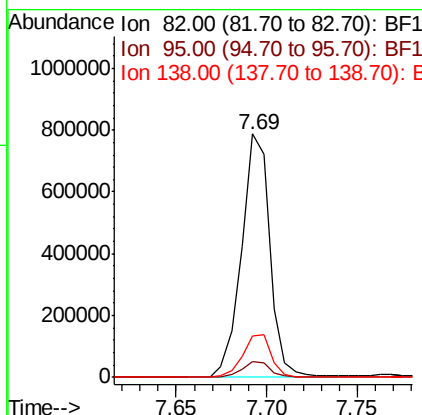
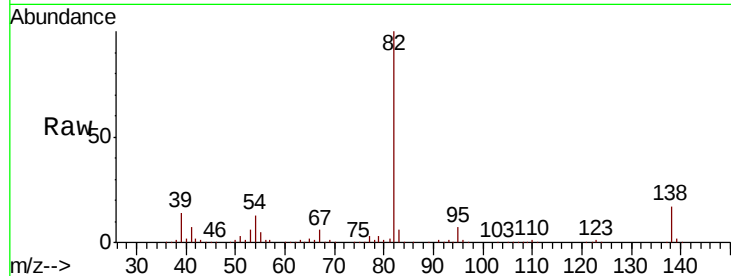
#25
Isophorone
Concen: 40.757 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.6	5.6	8.4	
138	17.1	14.2	21.4	

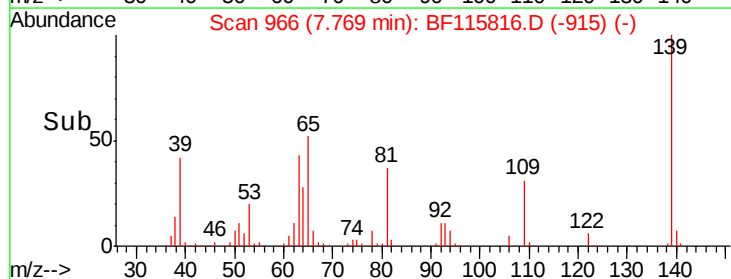
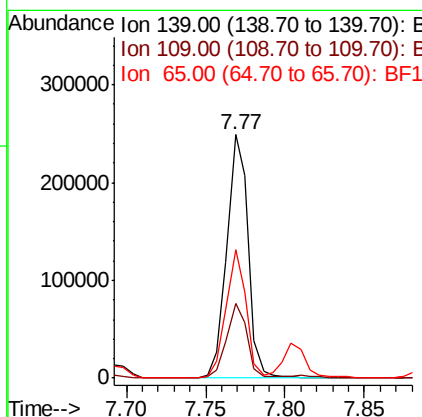
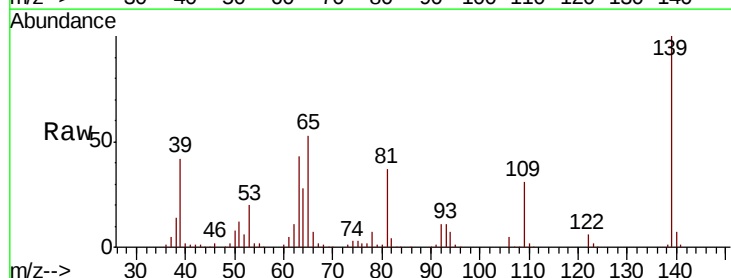
Manual Integrations
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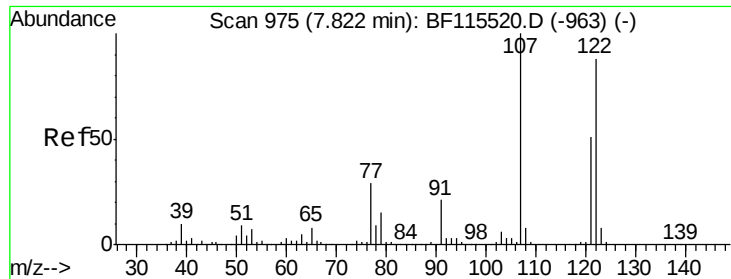
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#26
2-Nitrophenol
Concen: 39.901 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.8	23.2	34.8	
65	52.6	40.5	60.7	





#27

2,4-Dimethylphenol

Concen: 38.016 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

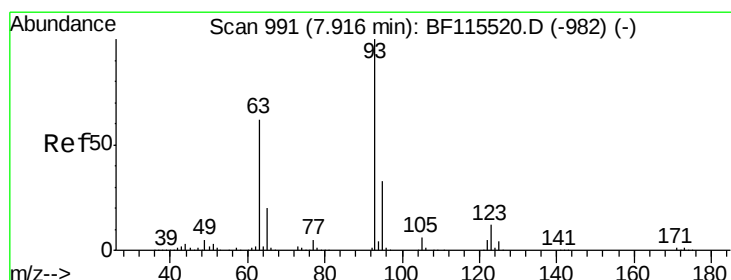
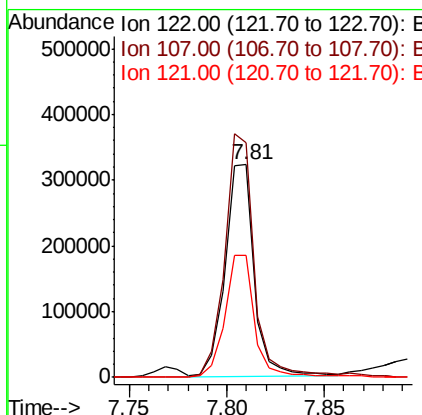
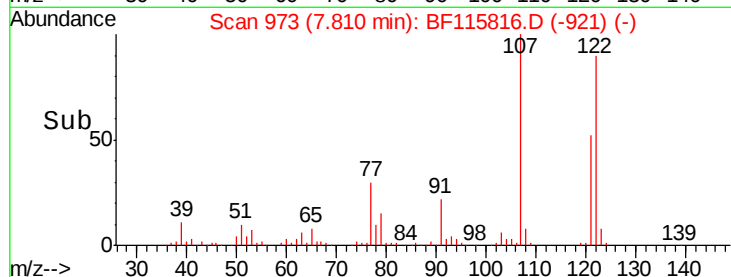
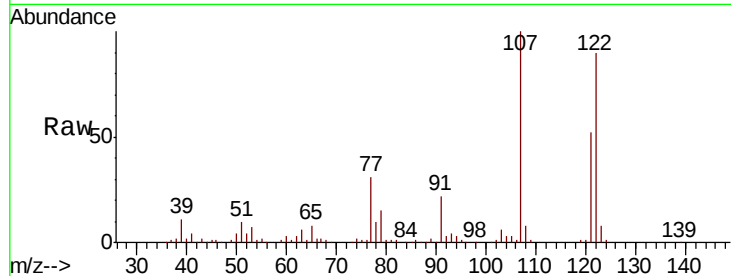
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	333182
Ion Ratio	Lower	Upper	
122	100		
107	110.7	92.6	138.8
121	57.5	46.2	69.4

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#28

bis(2-Chloroethoxy)methane

Concen: 41.511 ng

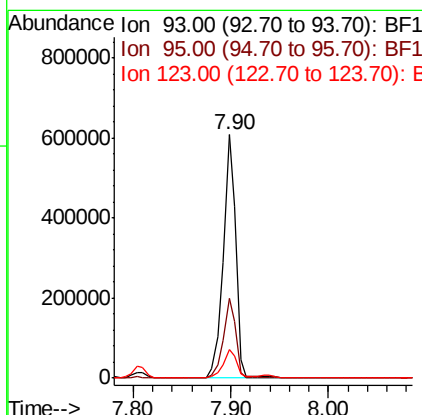
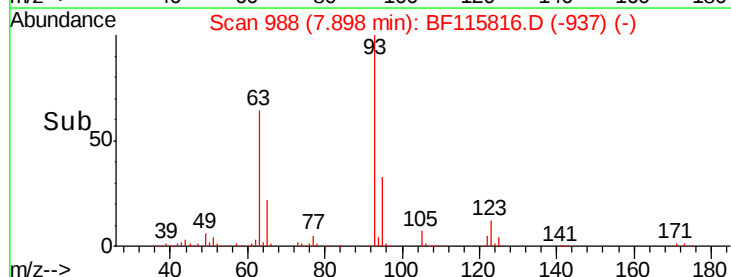
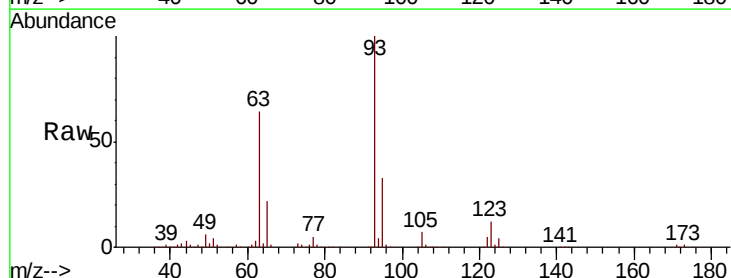
RT: 7.90 min Scan# 988

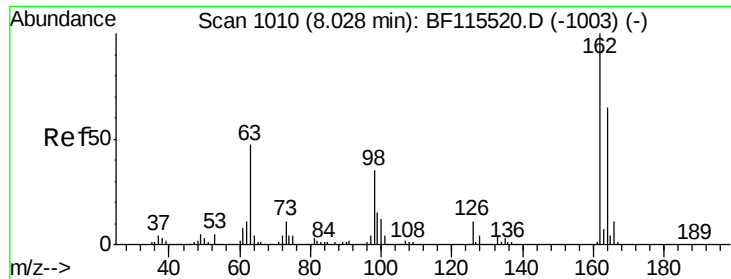
Delta R.T. -0.00 min

Lab File: BF115816.D

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Tgt Ion:	93	Resp:	537658
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.2	39.4
123	11.6	9.3	13.9





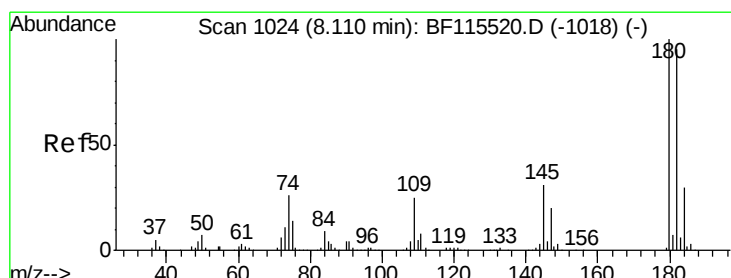
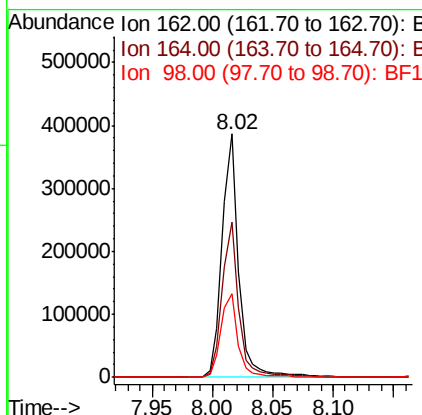
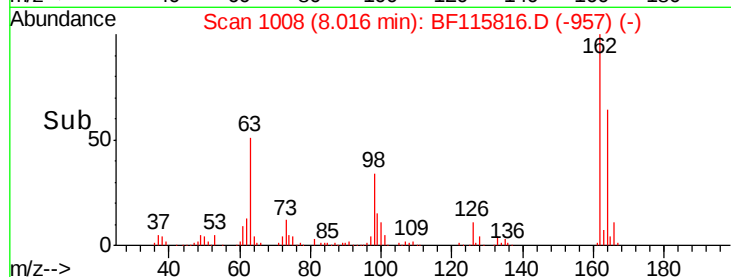
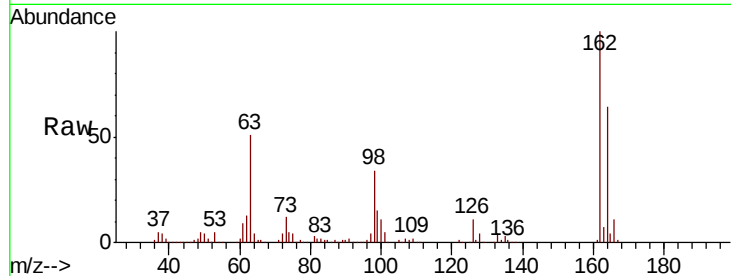
#29
 2,4-Dichlorophenol
 Concen: 40.614 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.0	44.1	84.1	
98	34.4	12.9	52.9	

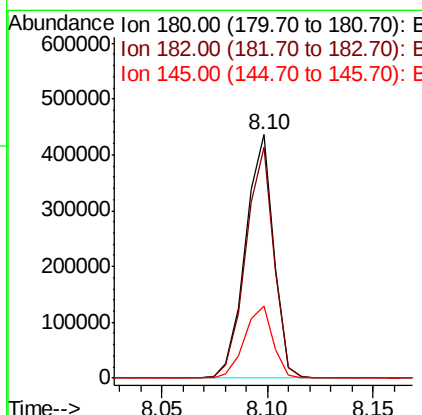
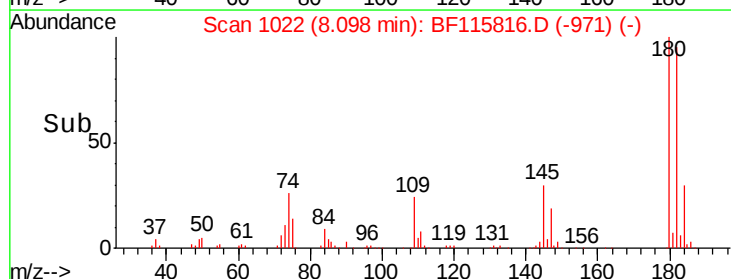
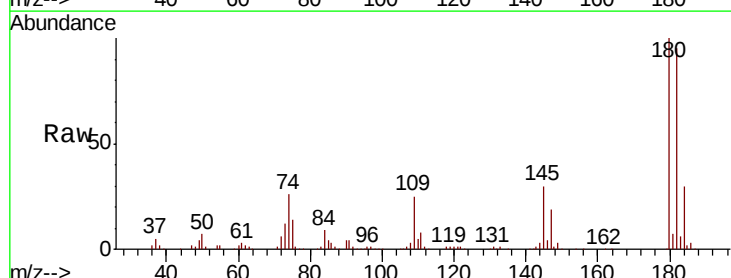
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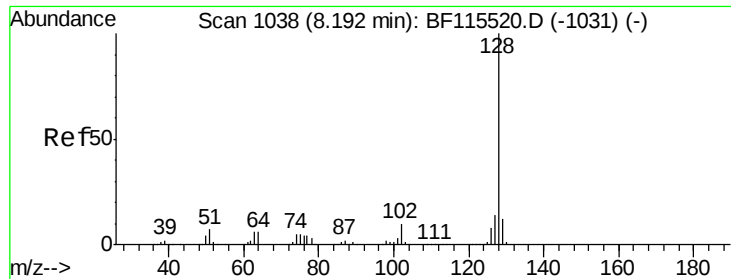
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.331 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	76.7	115.1	
145	29.8	23.6	35.4	





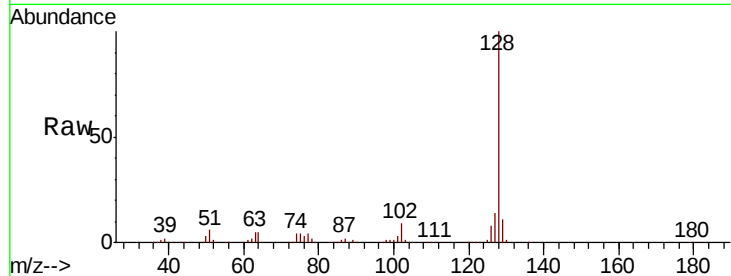
#31
Naphthalene
Concen: 40.908 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

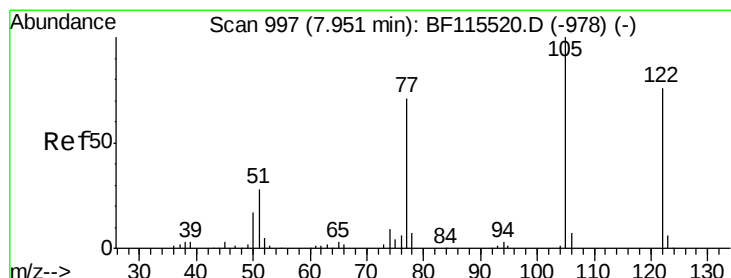
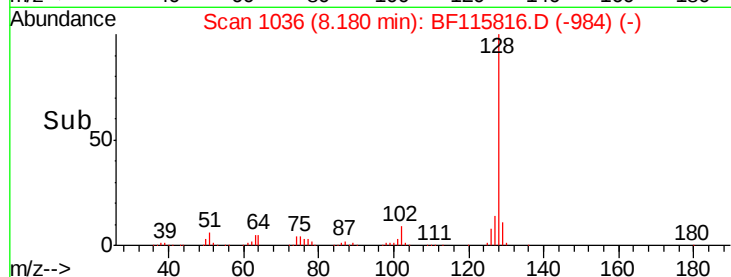
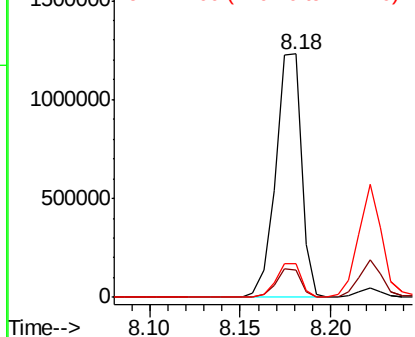
Tot Ion:128 Resp: 1215475
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.8 10.9 16.3

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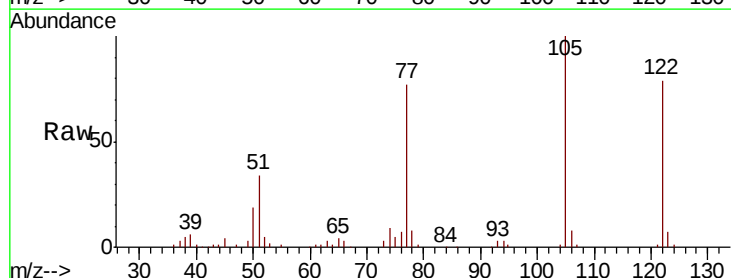


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

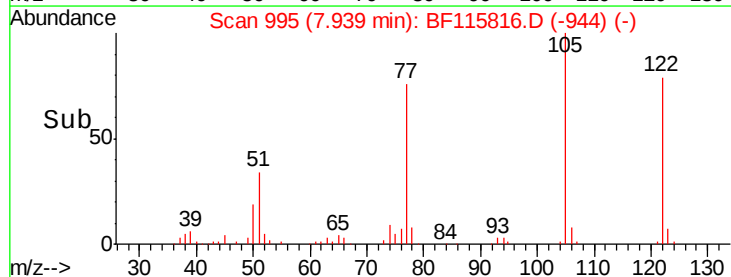
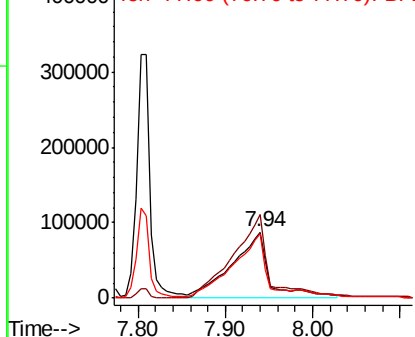


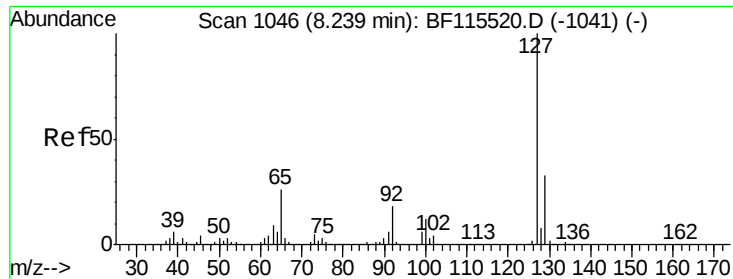
#32
Benzoic acid
Concen: 36.691 ng m
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:122 Resp: 263906
Ion Ratio Lower Upper
122 100
105 126.8 102.0 142.0
77 97.4 73.6 113.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





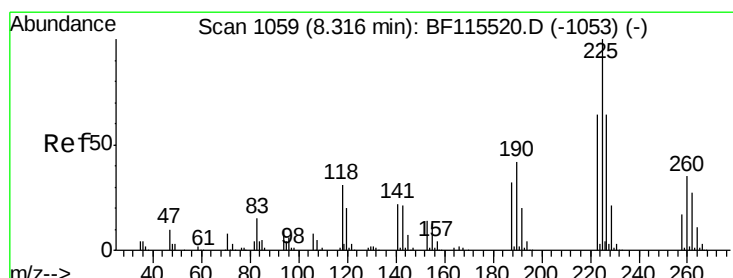
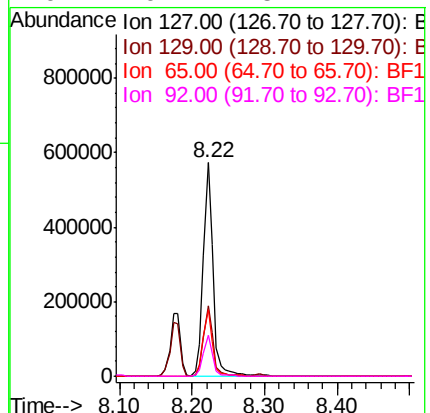
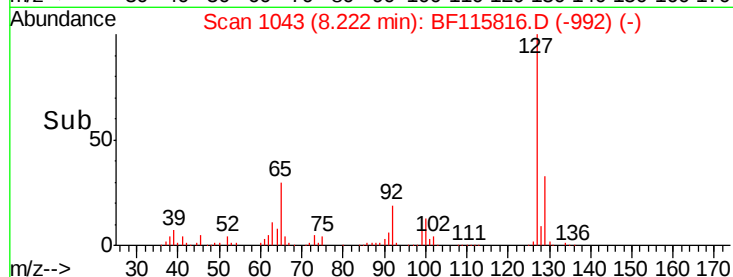
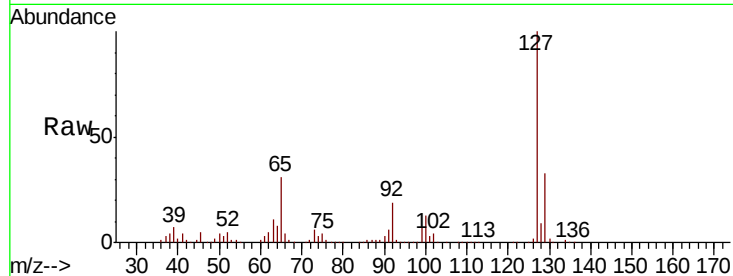
#33
4-Chloroaniline
Concen: 41.237 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.3	39.5		
65	31.0	23.8	35.8		
92	19.1	15.1	22.7		

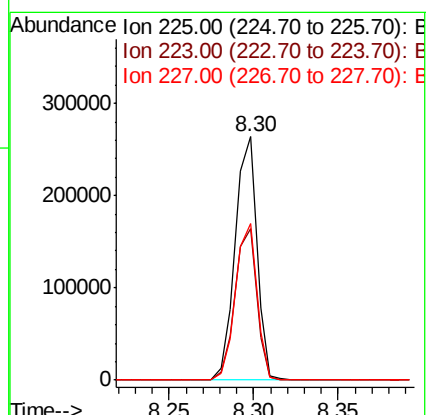
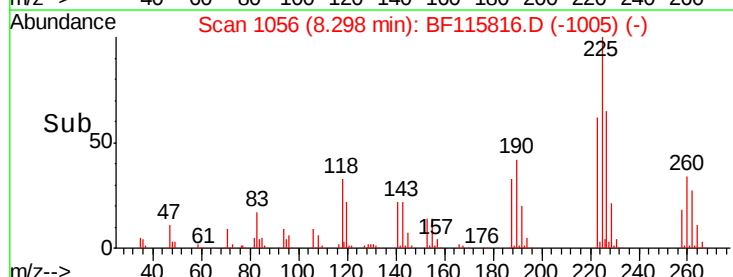
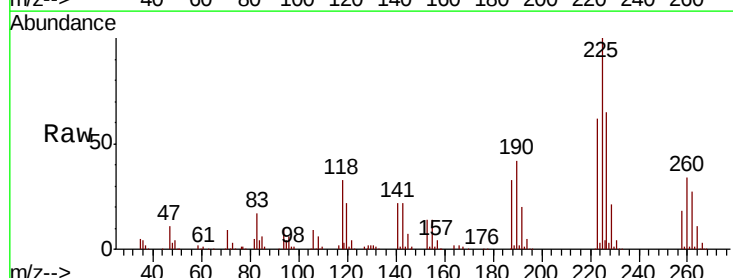
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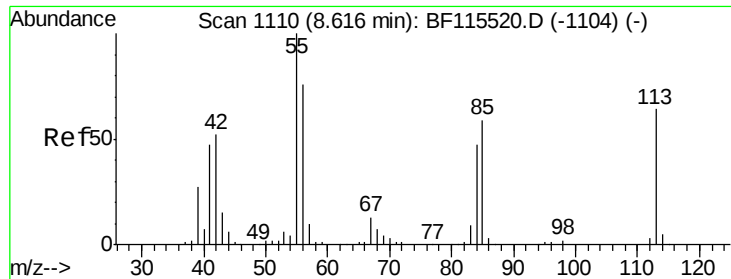
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#34
Hexachlorobutadiene
Concen: 39.887 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	51.0	76.6		
227	64.6	52.8	79.2		





#35

Caprolactam

Concen: 42.655 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

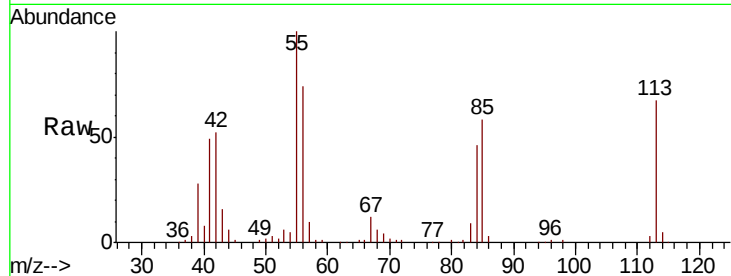
ClientSampleId :

SSTDCCC040

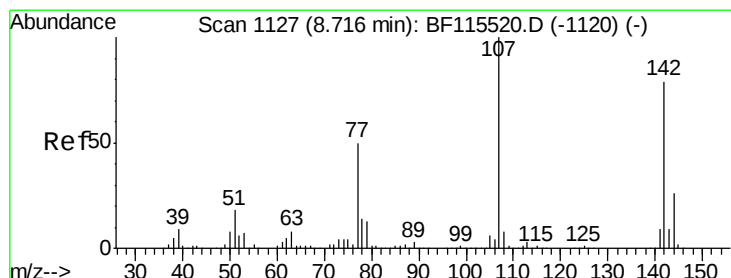
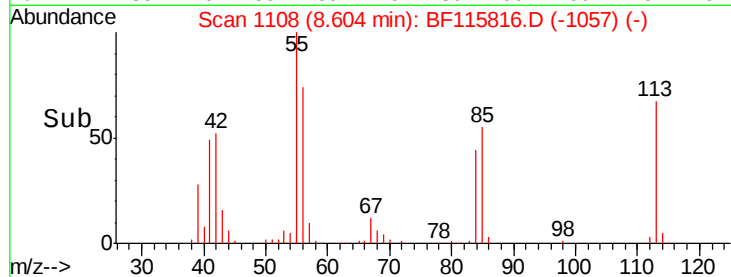
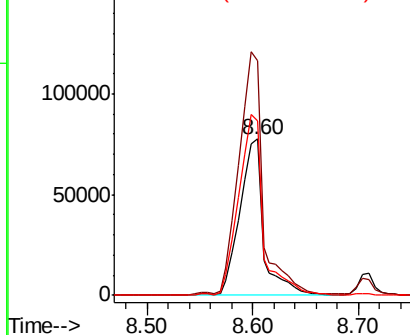
Tot Ion:	113	Resp:	120143
Ion Ratio	Lower	Upper	
113	100		
55	150.2	130.5	170.5
56	111.8	93.1	133.1

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.198 ng

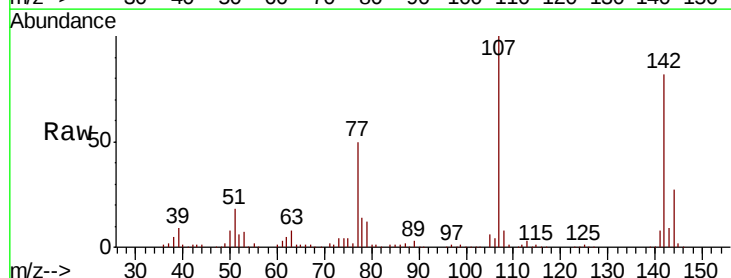
RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

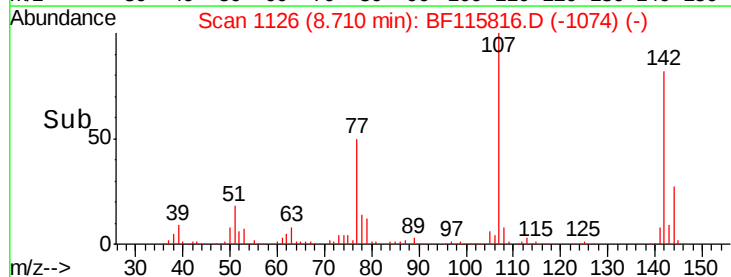
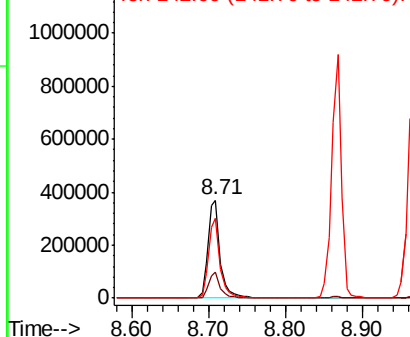
Lab File: BF115816.D

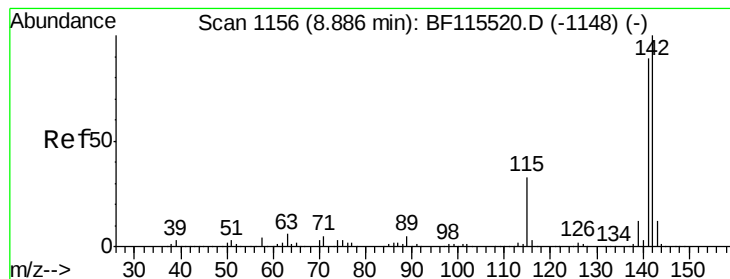
Acq: 27 Jul 2019 8:36

Tgt Ion:	107	Resp:	398981
Ion Ratio	Lower	Upper	
107	100		
144	26.7	20.1	30.1
142	81.8	62.3	93.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





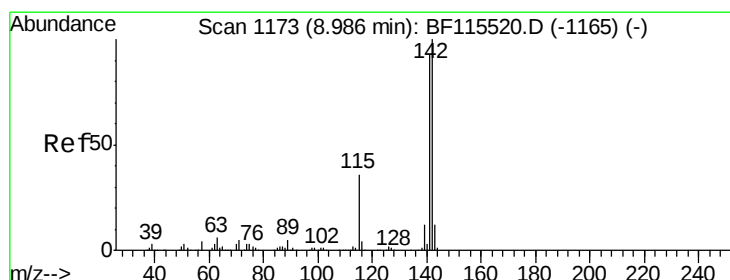
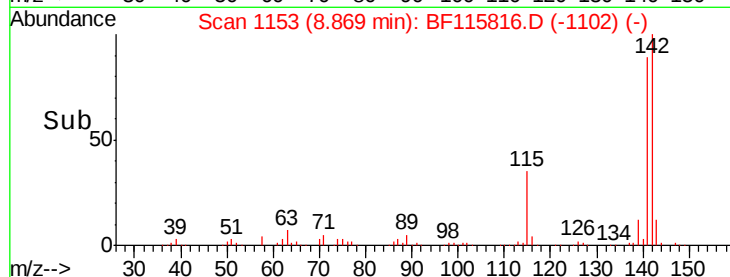
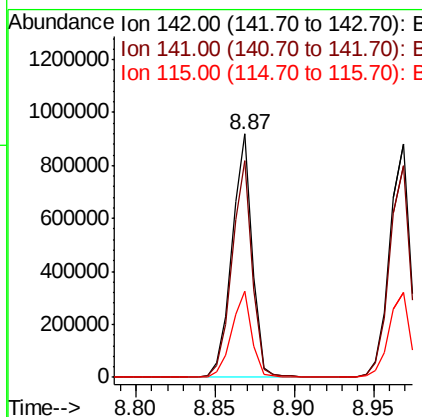
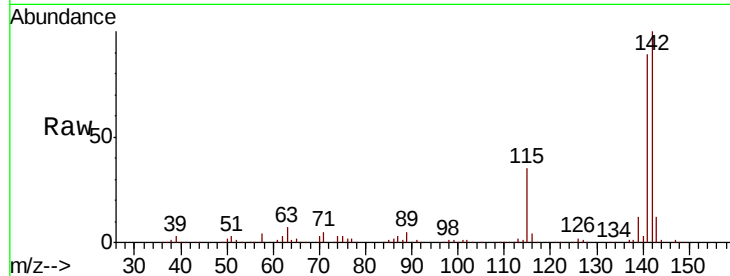
#37
2-Methylnaphthalene
Concen: 41.545 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.4
115	35.2	27.7	41.5

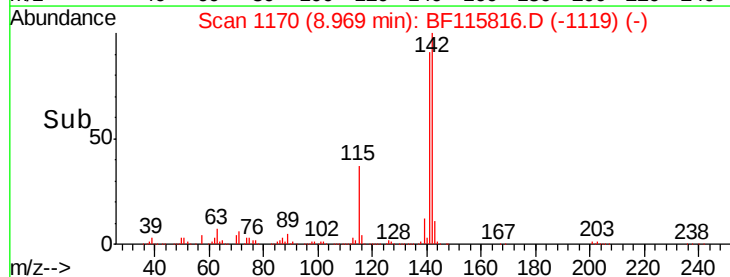
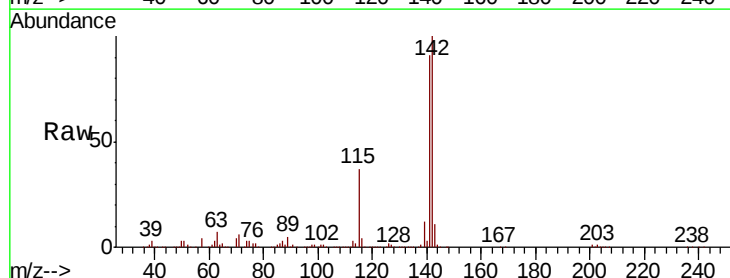
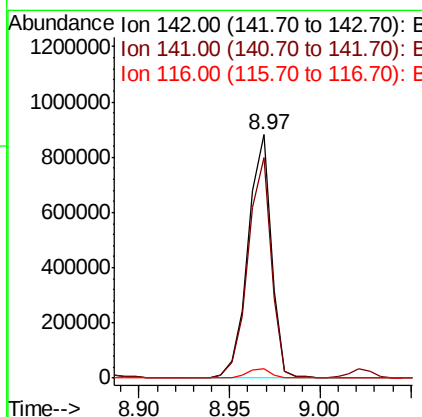
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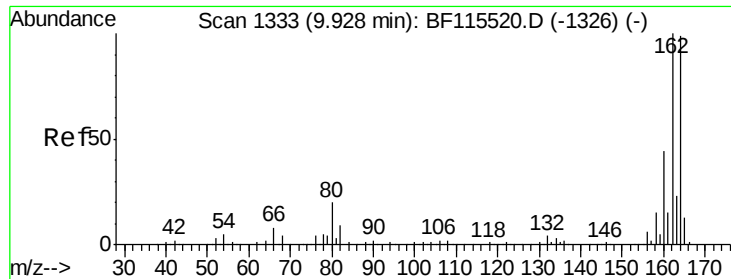
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#38
1-Methylnaphthalene
Concen: 41.979 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.9	110.9
116	3.9	3.0	4.6





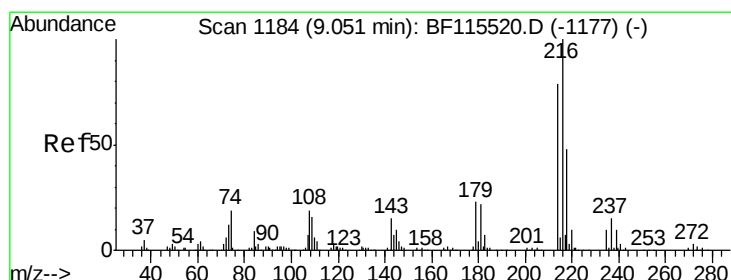
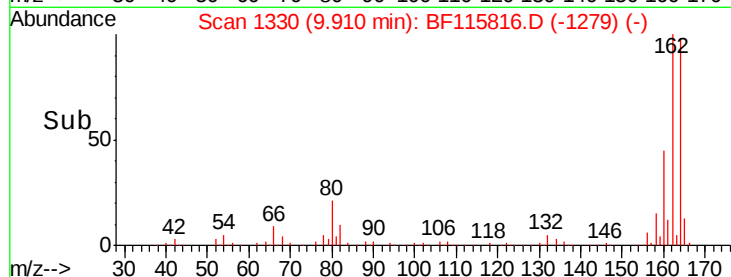
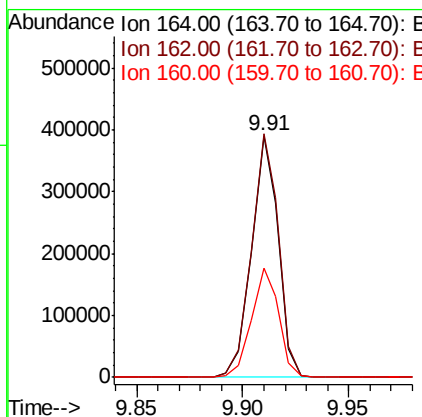
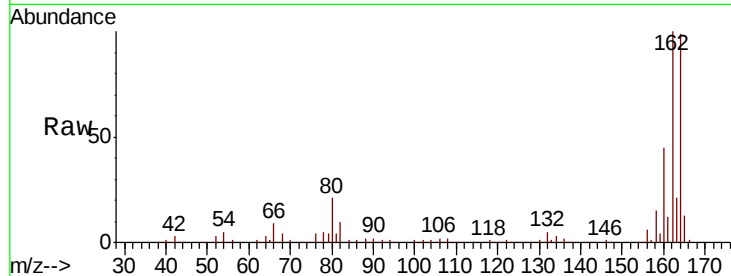
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	45.3	37.5	56.3

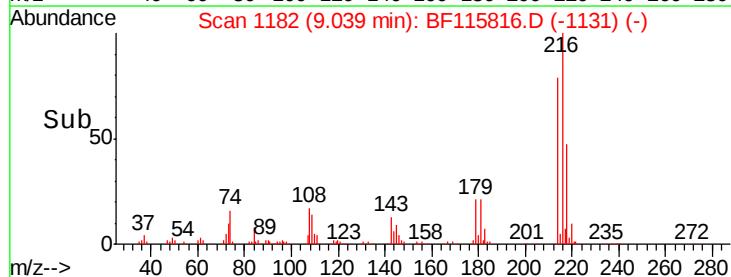
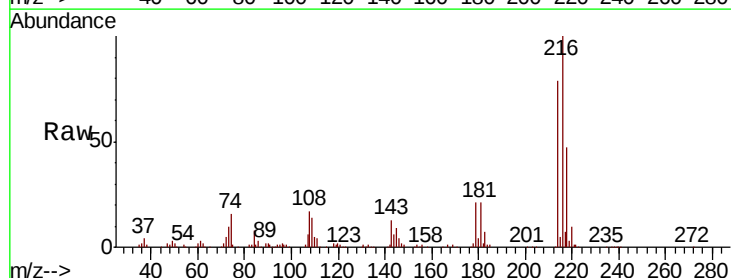
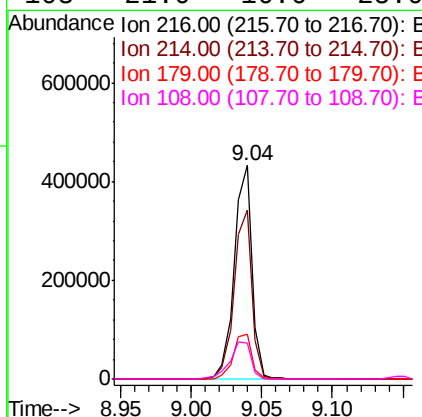
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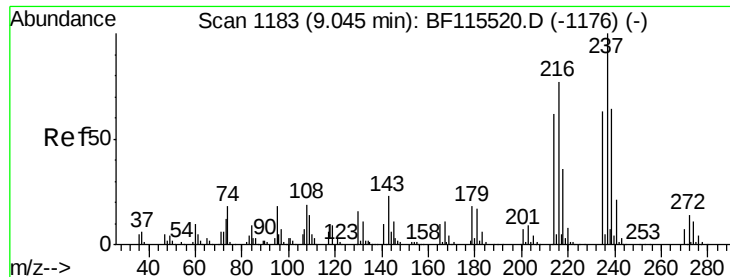
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.617 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.6
179	22.0	17.4	26.2
108	21.0	16.6	25.0





#41

Hexachlorocyclopentadiene

Concen: 36.863 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

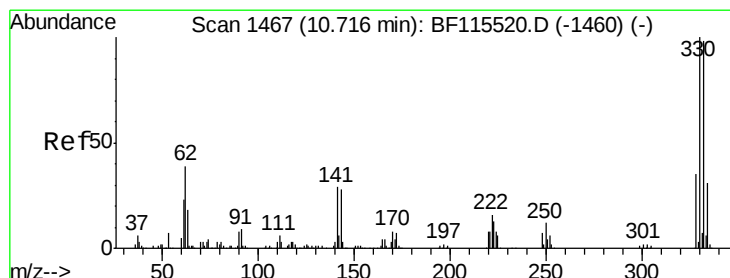
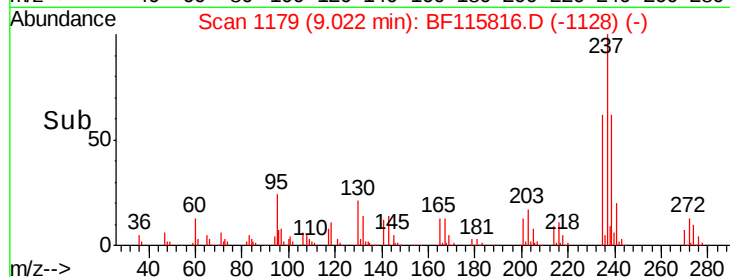
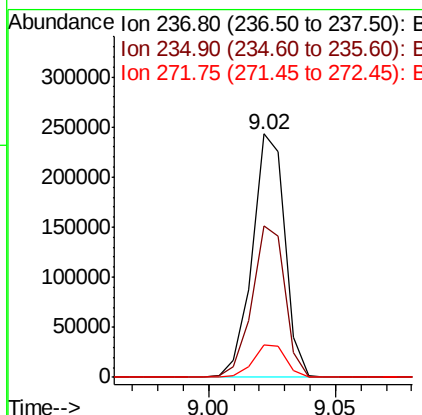
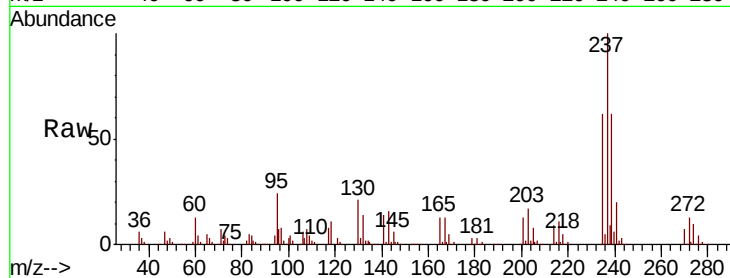
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	217352
Ion Ratio		Lower	Upper
237	100		
235	62.1	44.3	84.3
272	13.2	0.0	33.0

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#42

2,4,6-Tribromophenol

Concen: 73.720 ng

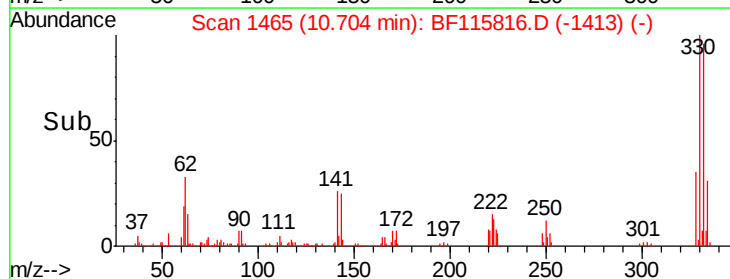
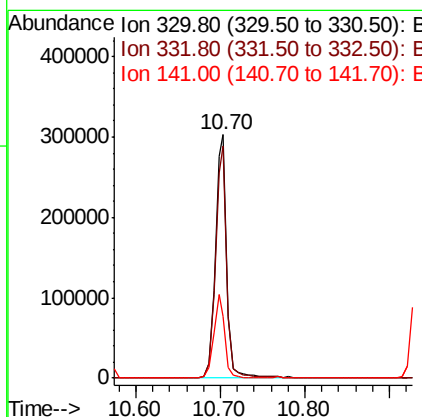
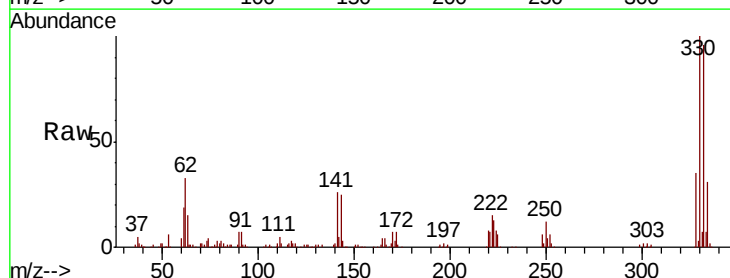
RT: 10.70 min Scan# 1465

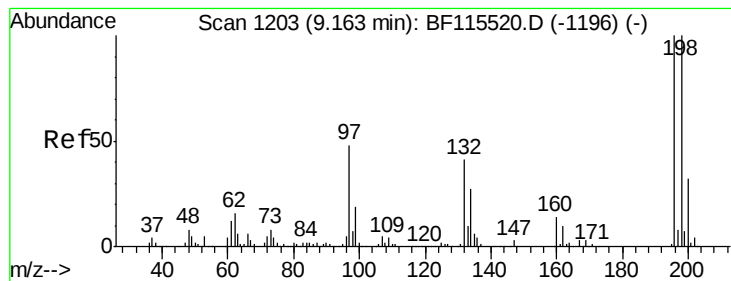
Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Tgt Ion:	330	Resp:	295361
Ion Ratio		Lower	Upper
330	100		
332	94.2	76.1	114.1
141	33.2	25.9	38.9





#43

2,4,6-Trichlorophenol

Concen: 34.065 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

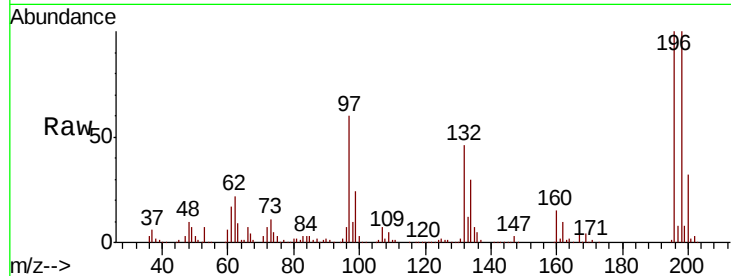
ClientSampleId :

SSTDCCC040

Tot Ion:	196	Resp:	257491
Ion Ratio	Lower	Upper	
196	100		
198	99.7	79.8	119.6
200	31.6	25.4	38.0

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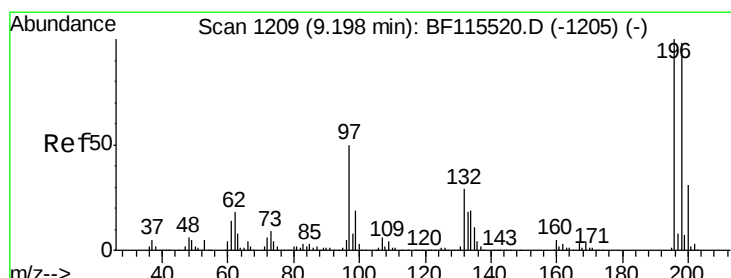
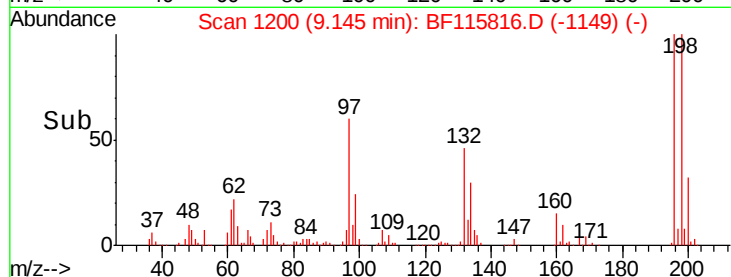
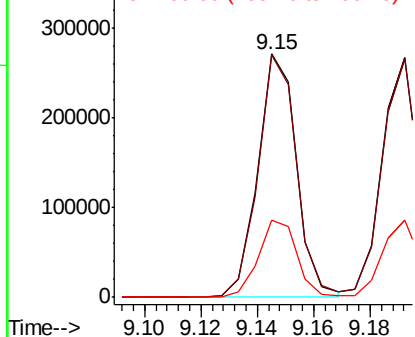


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 35.670 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Tgt Ion:	196	Resp:	276122
Ion Ratio	Lower	Upper	
196	100		
198	99.7	78.2	117.2
97	48.0	41.9	62.9
132	28.0	24.1	36.1

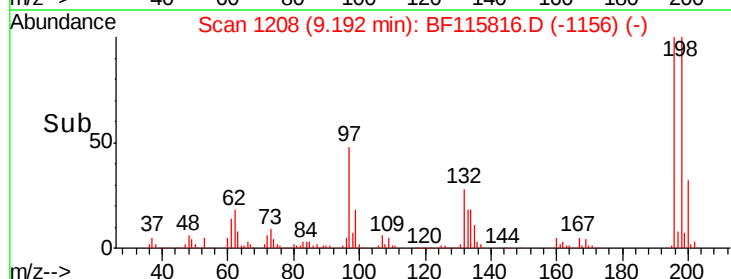
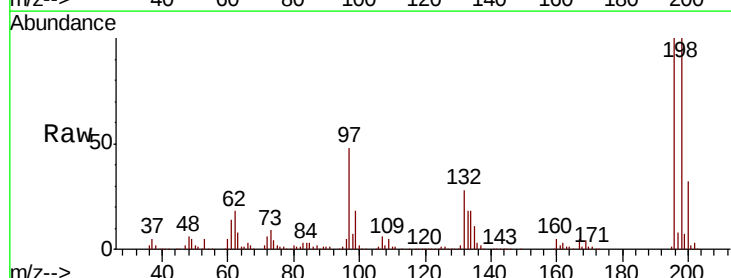
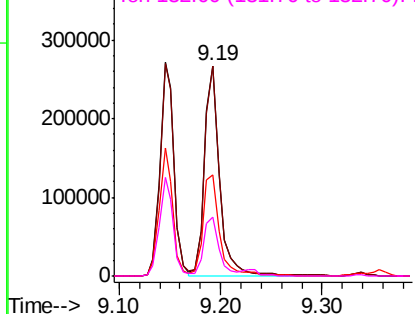
Abundance

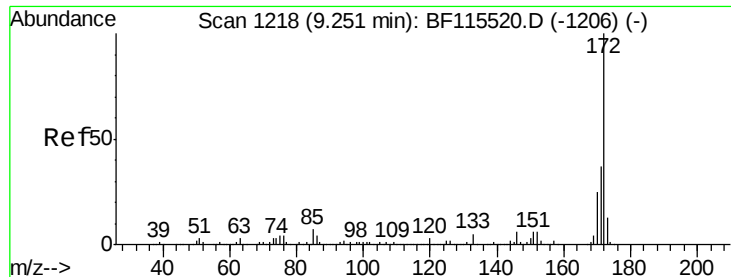
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





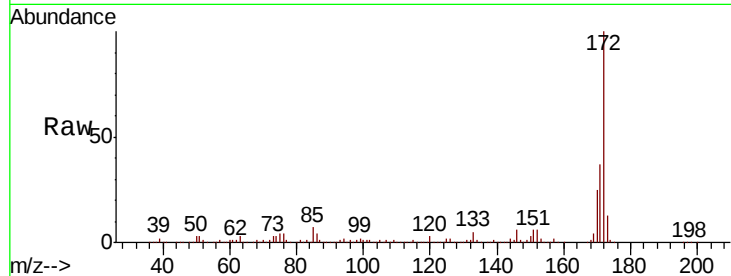
#45
 2-Fluorobiphenyl
 Concen: 76.962 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

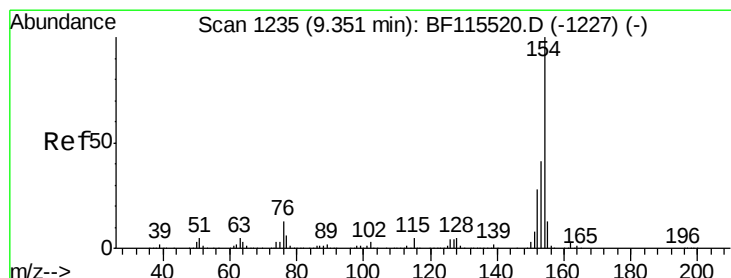
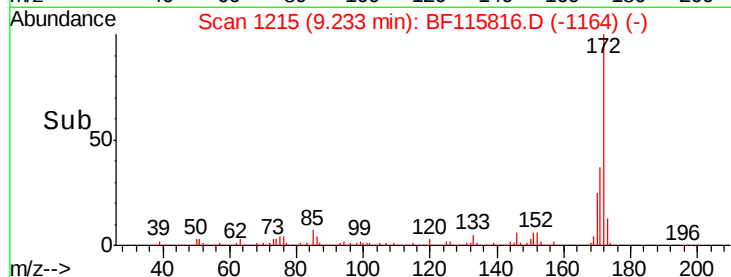
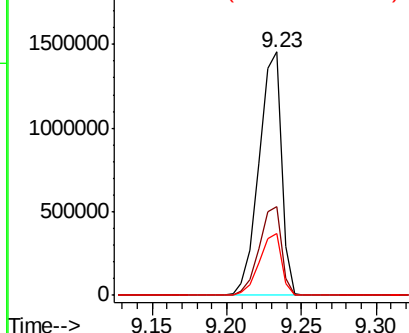
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	25.2	20.1	30.1

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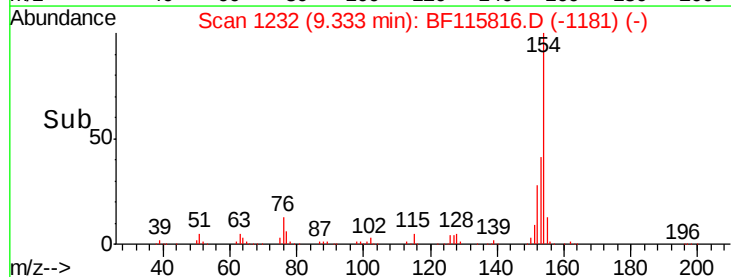
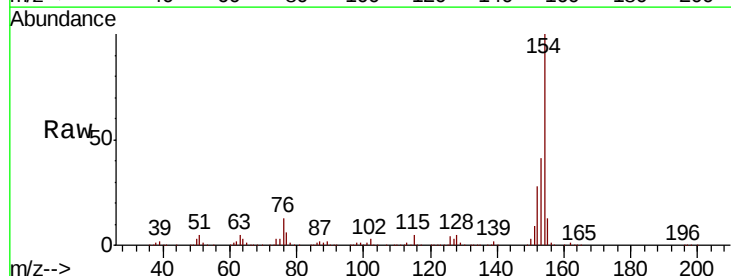
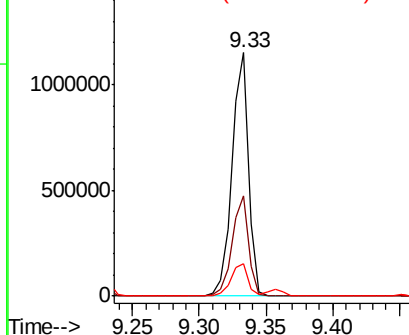
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

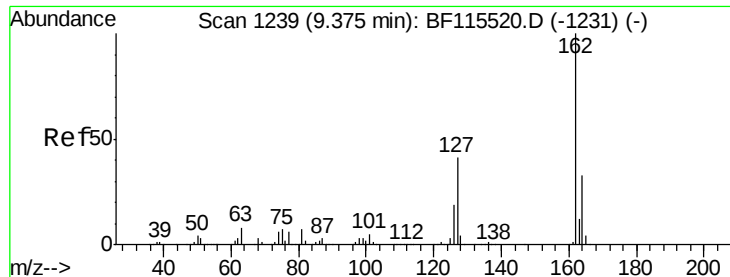


#46
 1,1'-Biphenyl
 Concen: 37.541 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.4	61.4
76	13.1	0.0	33.2

Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





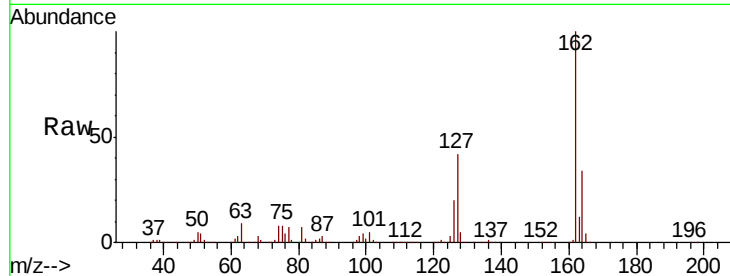
#47
 2-Chloronaphthalene
 Concen: 36.904 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

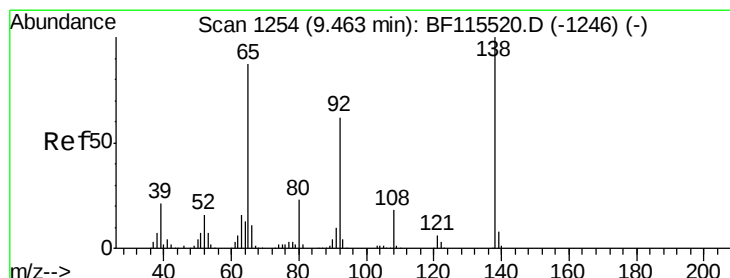
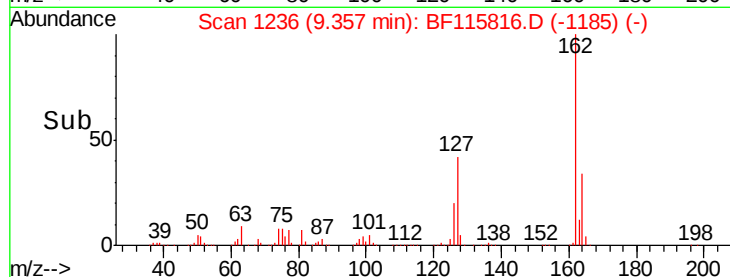
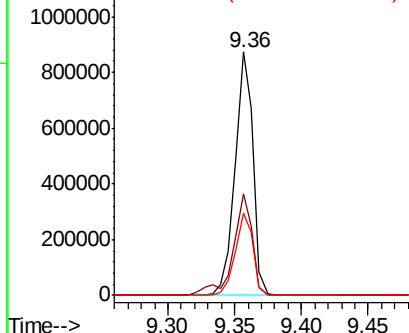
Tot Ion:	162	Resp:	824571
Ion Ratio	Lower	Upper	
162	100		
127	41.8	32.1	48.1
164	33.7	26.2	39.4

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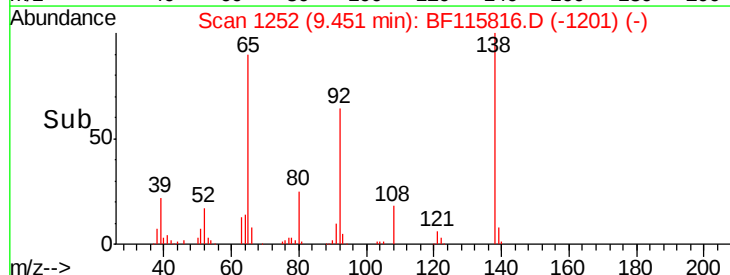
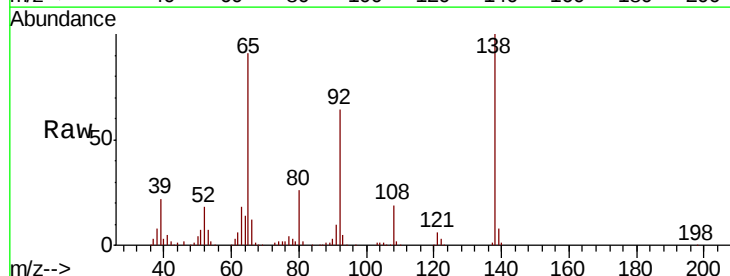
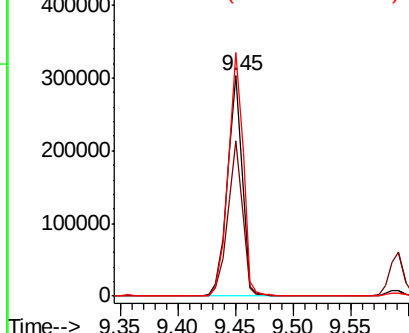
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

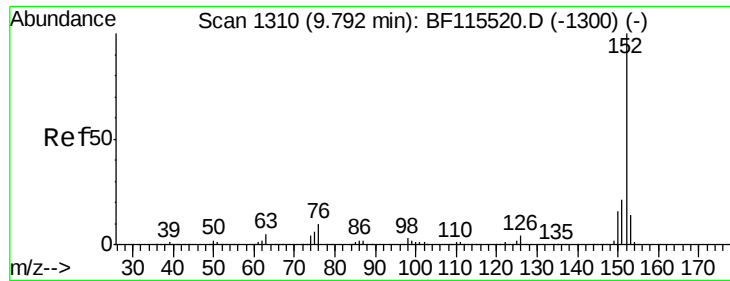


#48
 2-Nitroaniline
 Concen: 39.390 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion:	65	Resp:	272413
Ion Ratio	Lower	Upper	
65	100		
92	70.3	56.9	85.3
138	110.4	91.4	137.2

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.646 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1246403

Ion Ratio Lower Upper

152 100

151 21.4 16.9 25.3

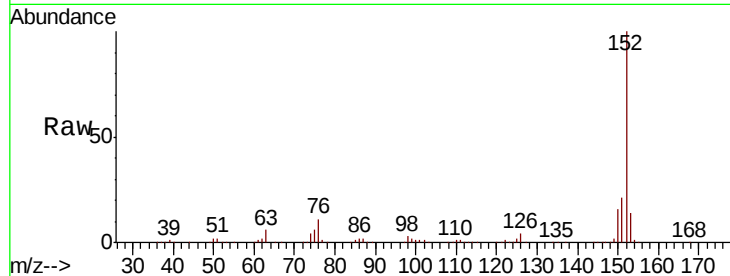
153 14.3 11.5 17.3

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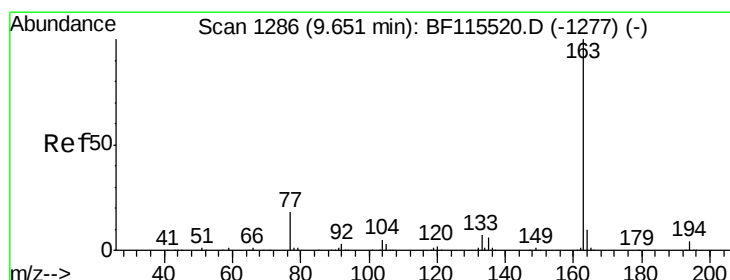
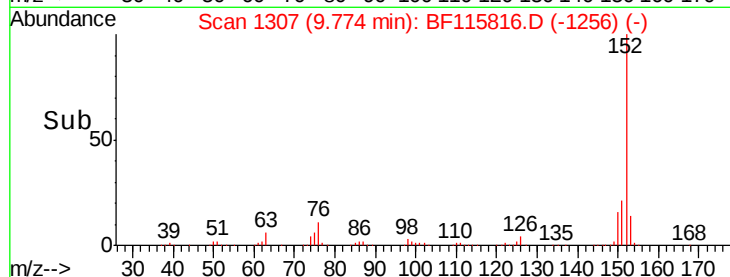
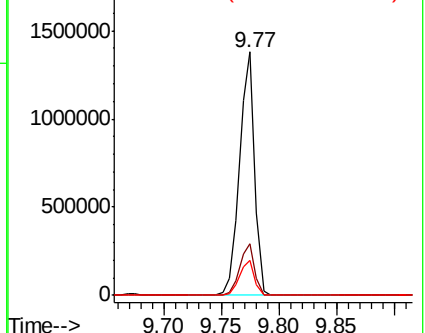
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.631 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

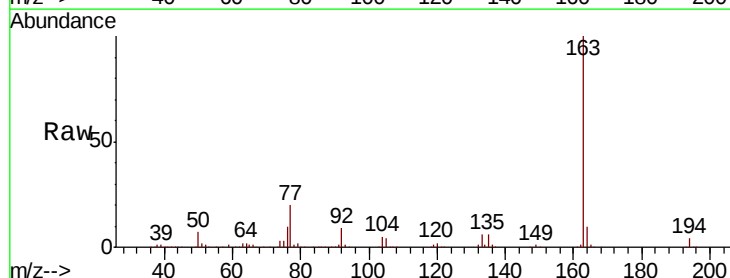
Tgt Ion:163 Resp: 997636

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

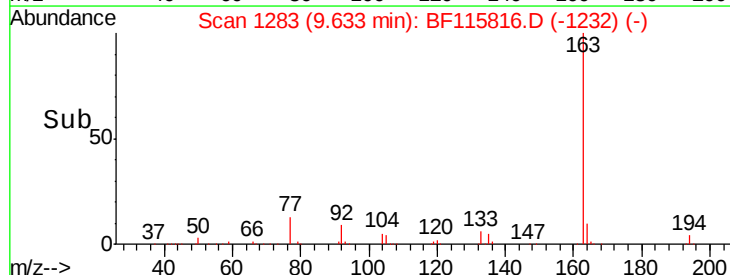
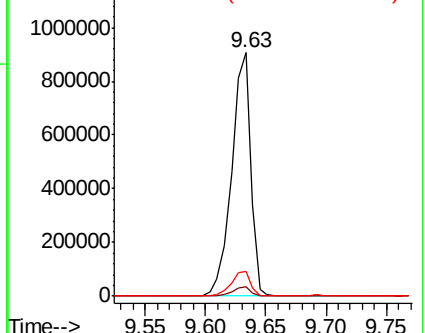
164 10.3 8.3 12.5

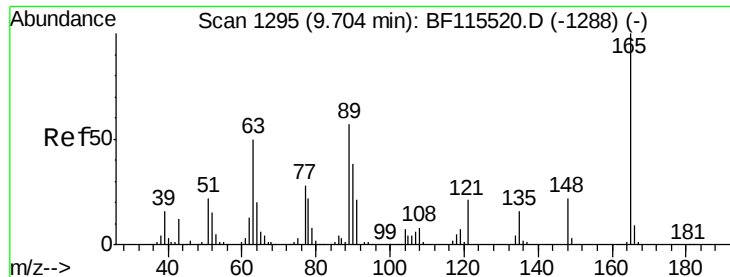


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.484 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

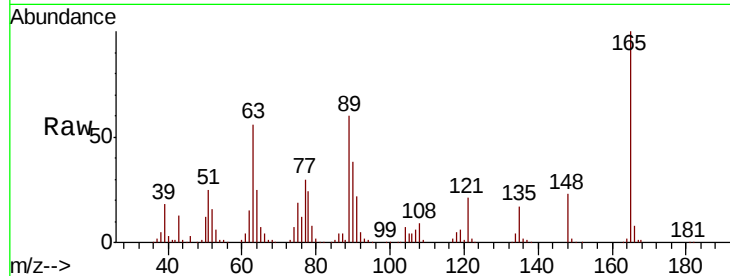
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	219987
Ion Ratio	Lower	Upper	
165	100		
63	55.9	43.5	65.3
89	60.0	46.3	69.5

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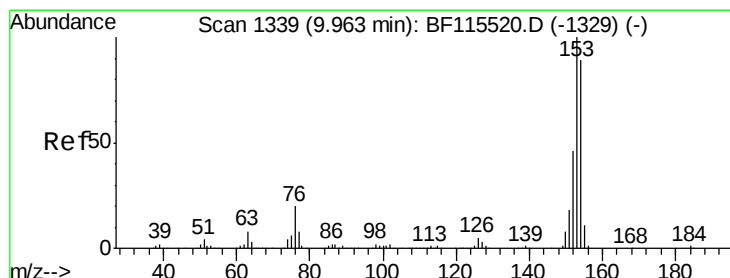
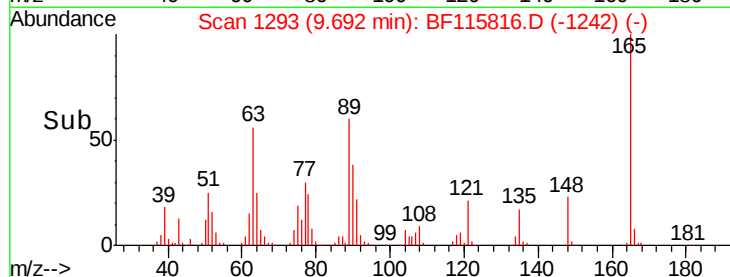
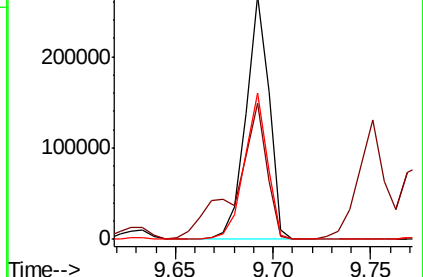
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 35.226 ng

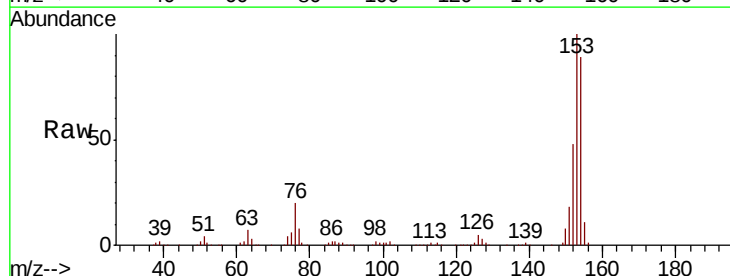
RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

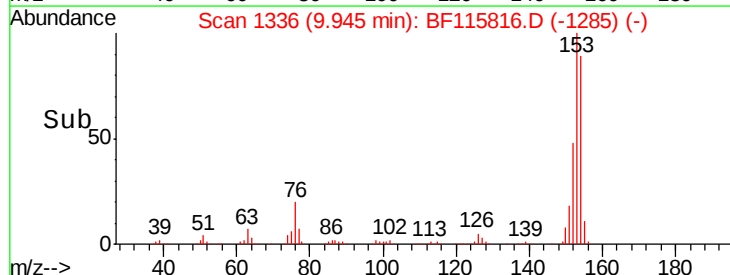
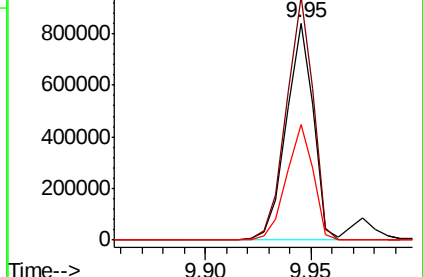
Tgt Ion:	154	Resp:	752961
Ion Ratio	Lower	Upper	
154	100		
153	112.0	88.1	132.1
152	53.3	42.0	63.0

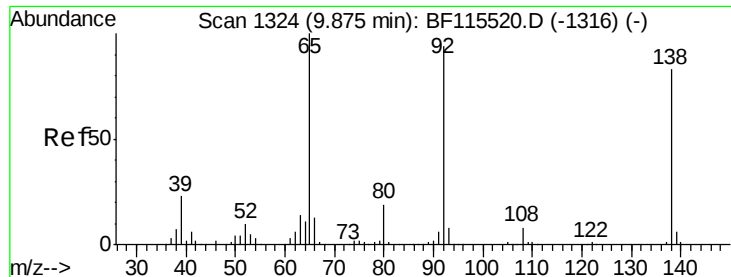


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





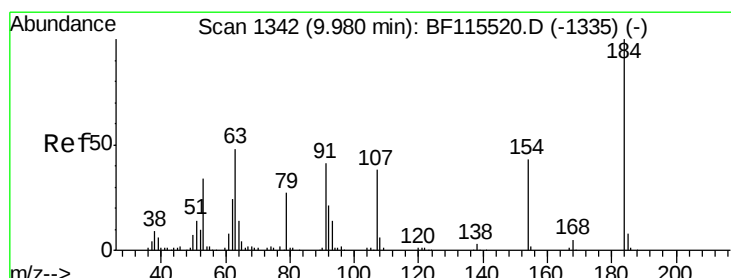
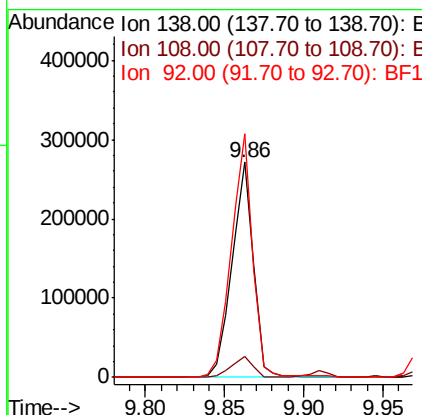
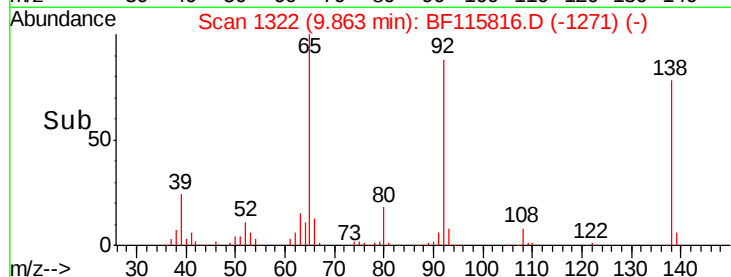
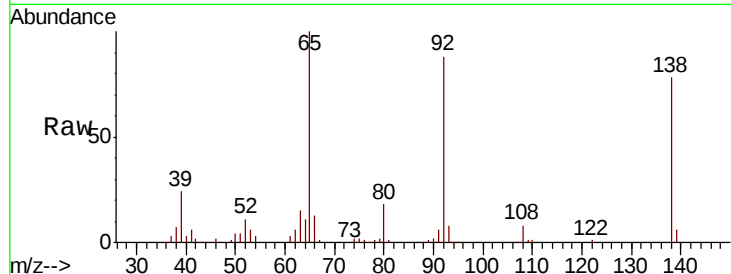
#53
3-Nitroaniline
Concen: 37.889 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	113.2	87.2	130.8

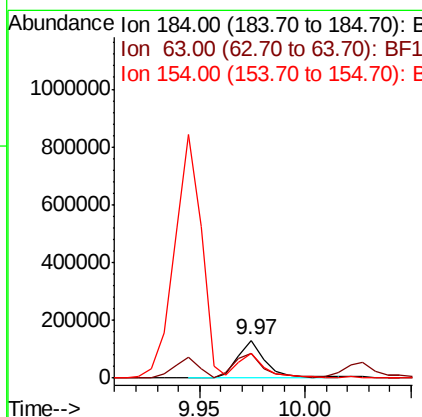
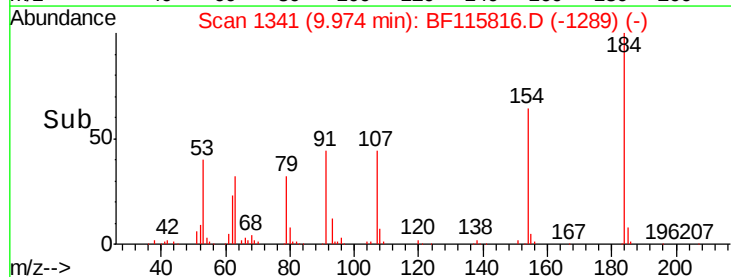
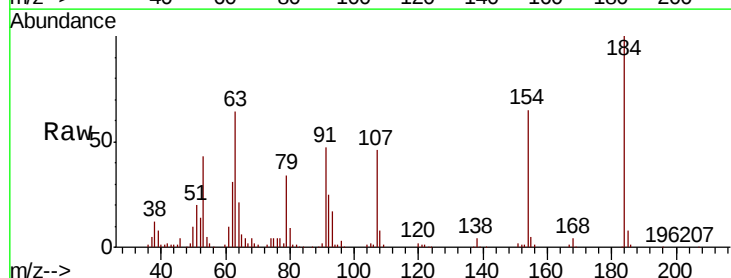
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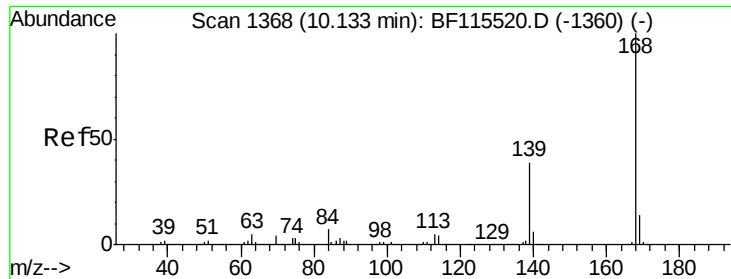
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#54
2,4-Dinitrophenol
Concen: 40.236 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.4	55.2	82.8
154	64.7	51.4	77.0





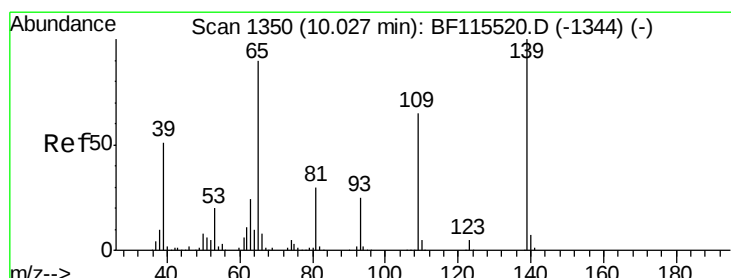
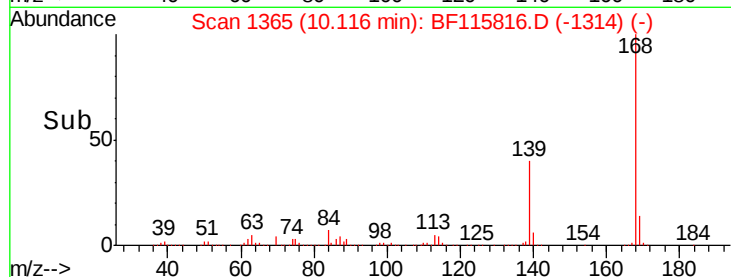
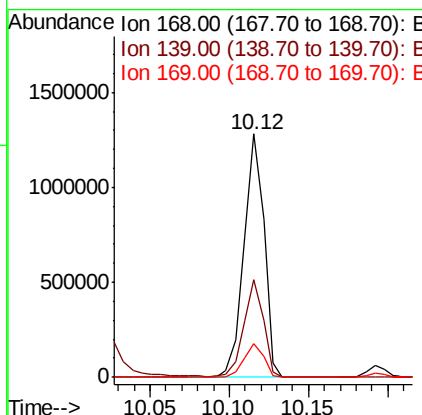
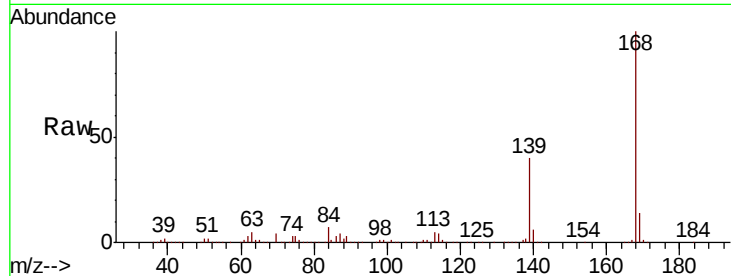
#55
Dibenzofuran
Concen: 36.995 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1122996
Ion Ratio Lower Upper
168 100
139 39.9 31.4 47.2
169 14.0 11.3 16.9

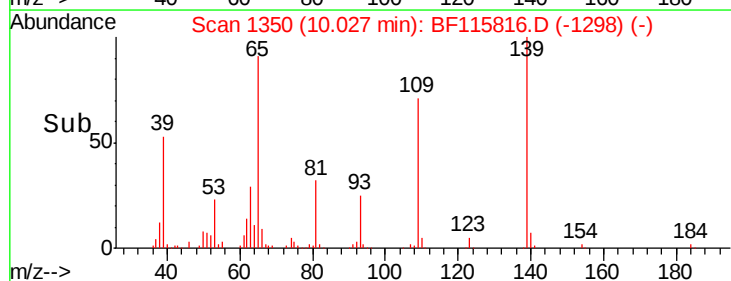
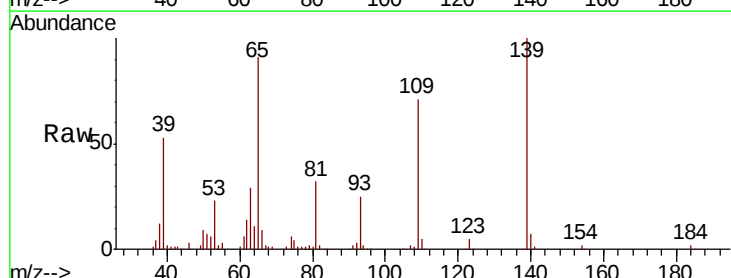
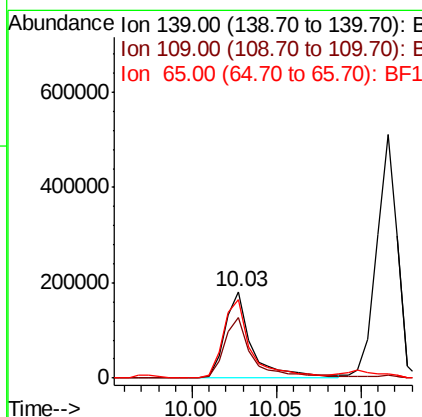
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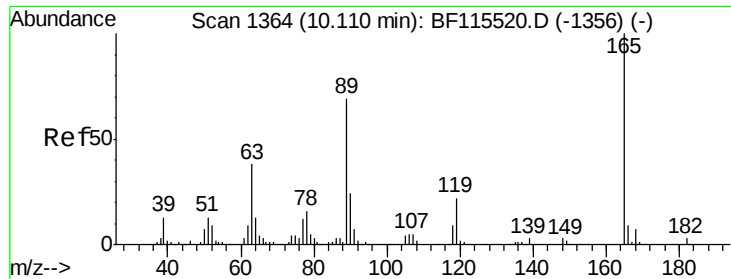
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#56
4-Nitrophenol
Concen: 39.412 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:139 Resp: 201562
Ion Ratio Lower Upper
139 100
109 70.8 51.2 91.2
65 91.0 76.0 116.0





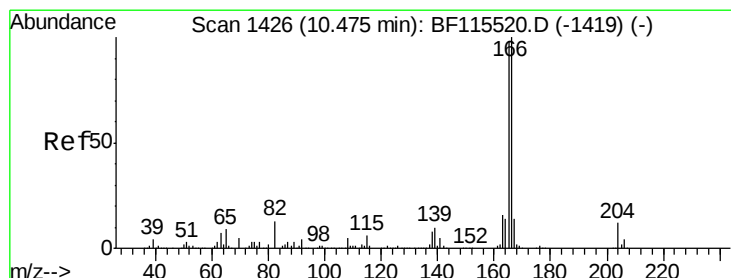
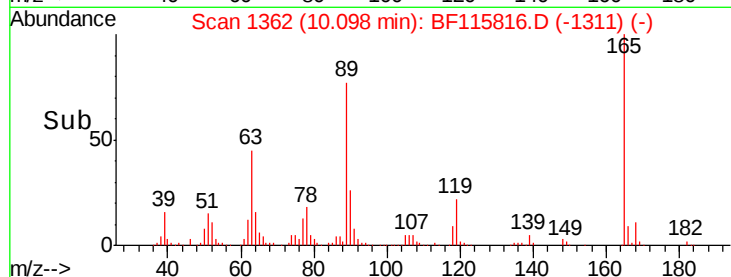
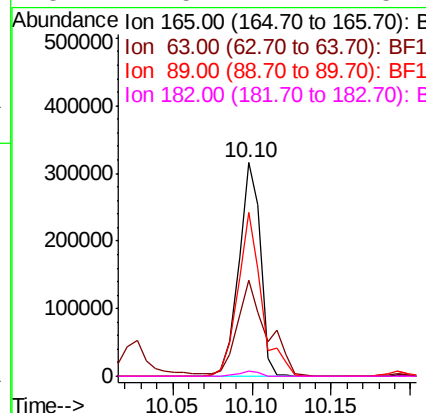
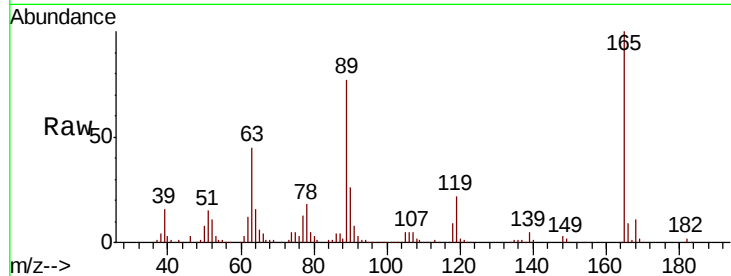
#57
2,4-Dinitrotoluene
Concen: 38.921 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.0	33.4	50.2
89	77.0	57.3	85.9
182	2.5	2.1	3.1

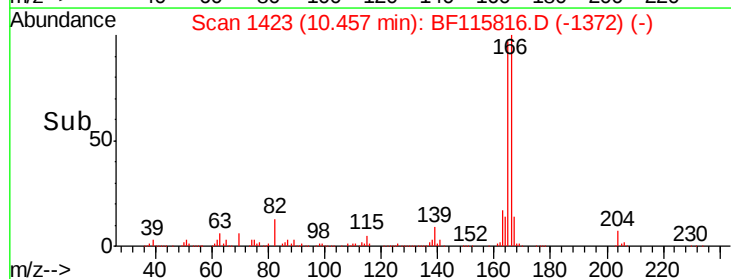
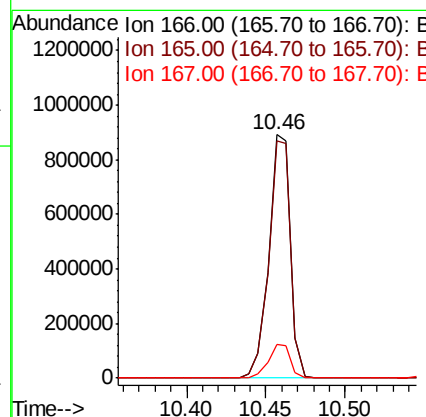
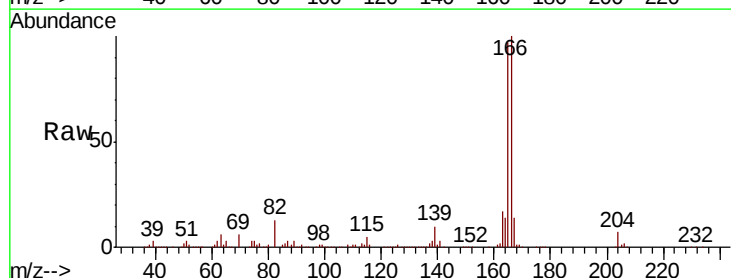
Manual Integrations
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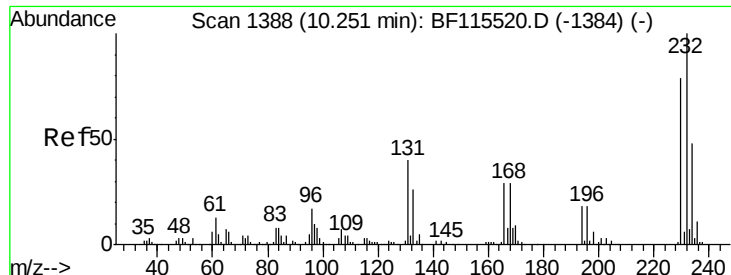
mohammad
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#58
Fluorene
Concen: 39.441 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.2	79.0	118.4
167	13.8	11.0	16.6





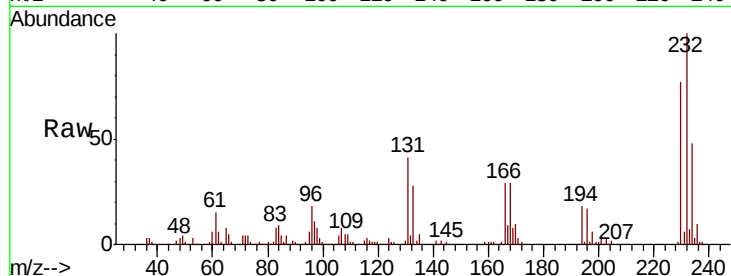
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.487 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	242583		
131	44.8	35.8	53.8	
130	2.3	1.8	2.6	
166	29.4	23.6	35.4	

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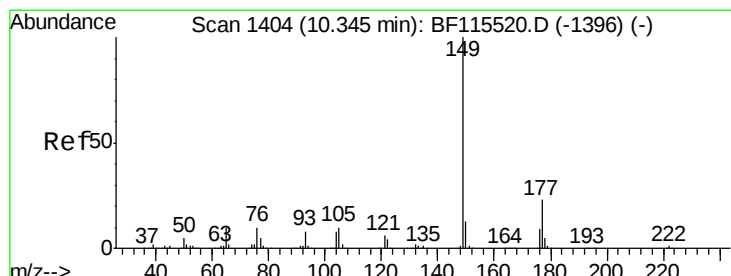
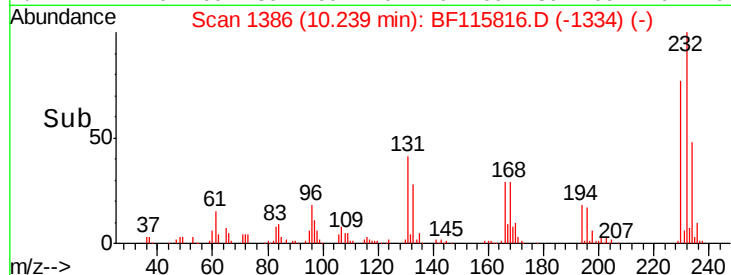
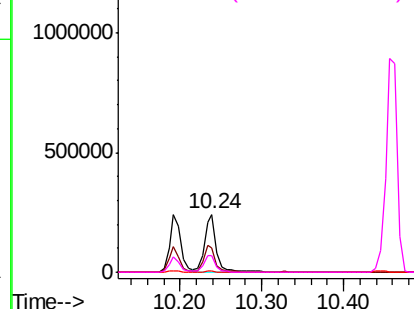
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.640 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

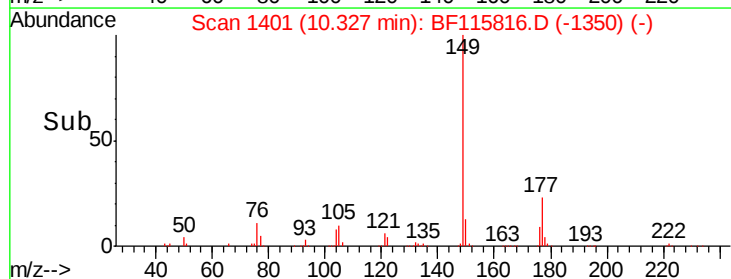
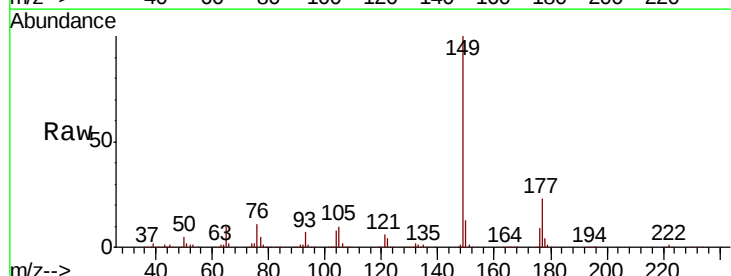
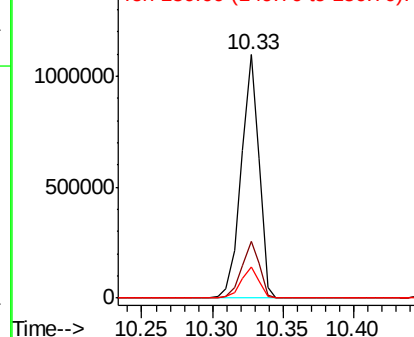
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	959159		
177	23.2	19.0	28.4	
150	12.9	10.5	15.7	

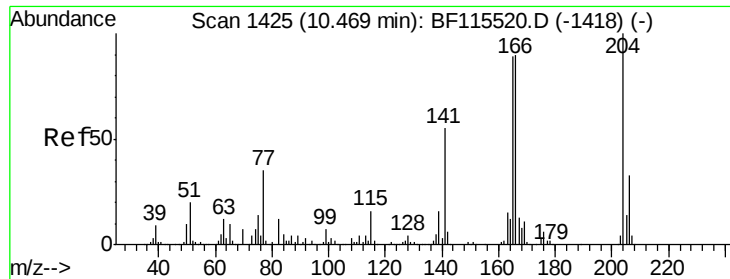
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





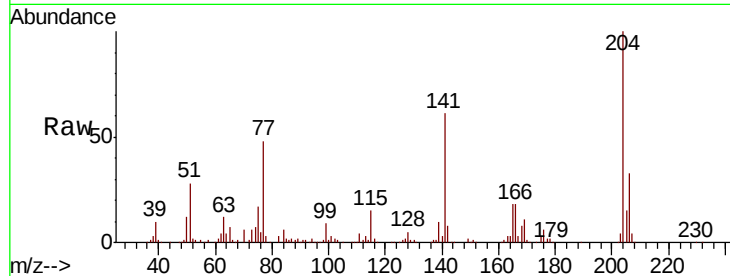
#61
 4-Chlorophenyl-phenylether
 Concen: 37.351 ng
 RT: 10.44 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	60.9	47.3	70.9

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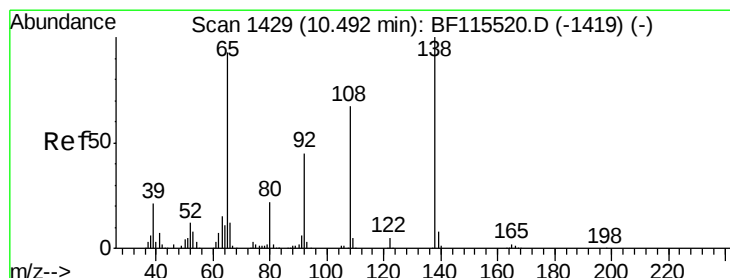
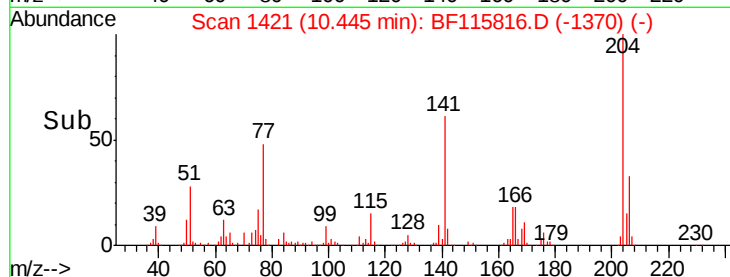
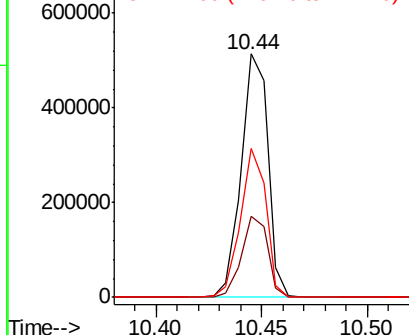


Abundance

Ion 204.00 (203.70 to 204.70): E

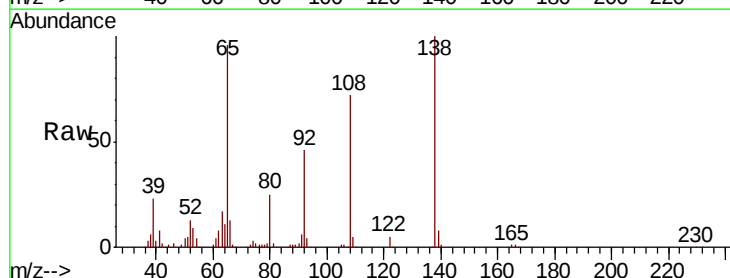
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 41.010 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	30.3	70.3
108	72.4	55.0	95.0

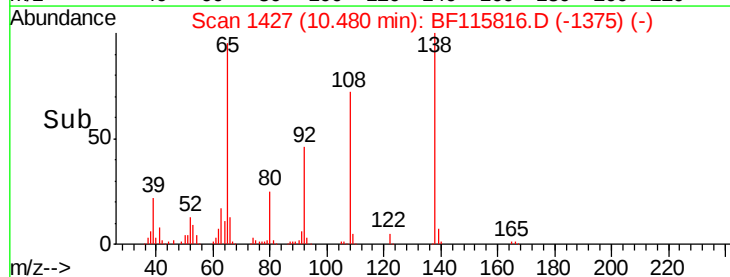
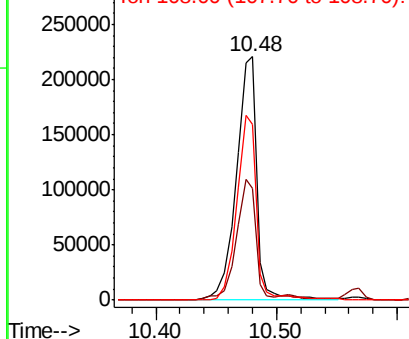


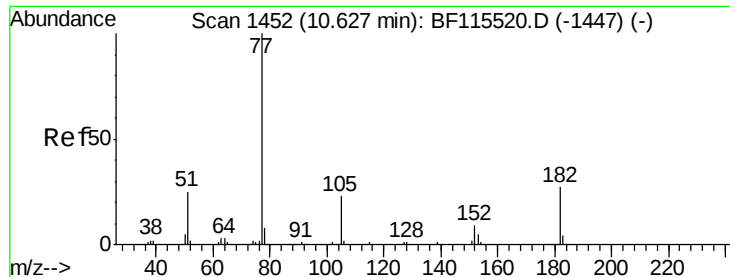
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





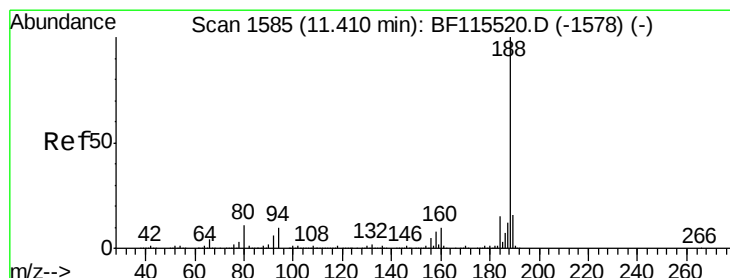
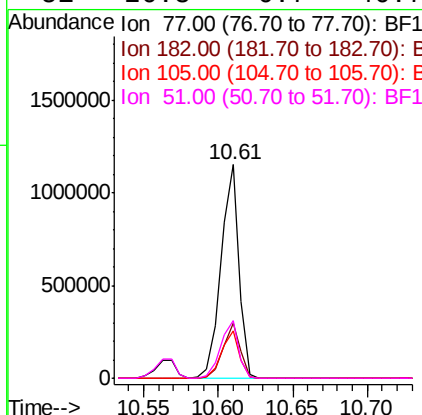
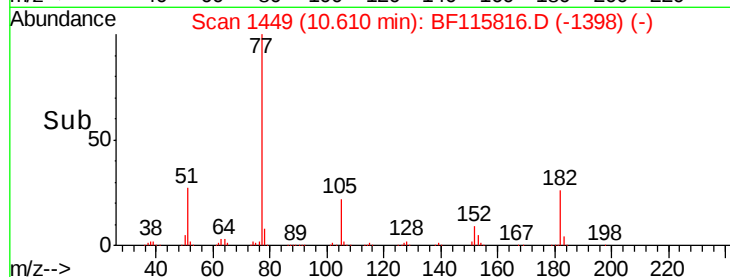
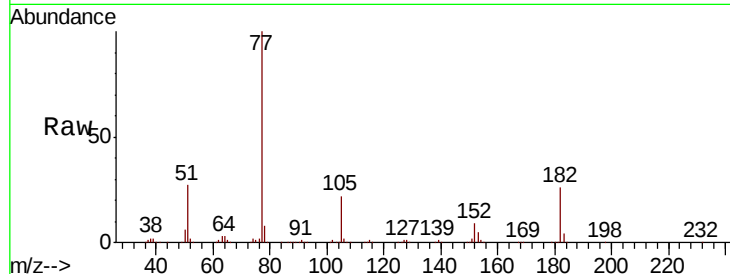
#63
Azobenzene
Concen: 41.653 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.9	6.9	46.9
105	22.5	3.1	43.1
51	26.8	6.7	46.7

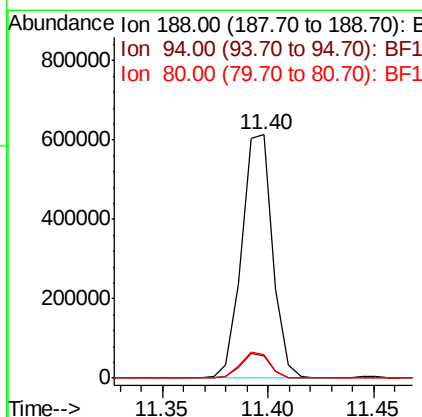
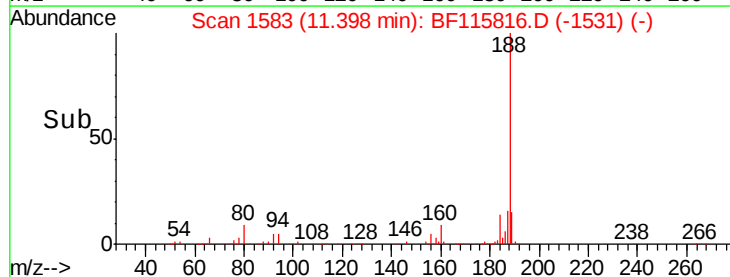
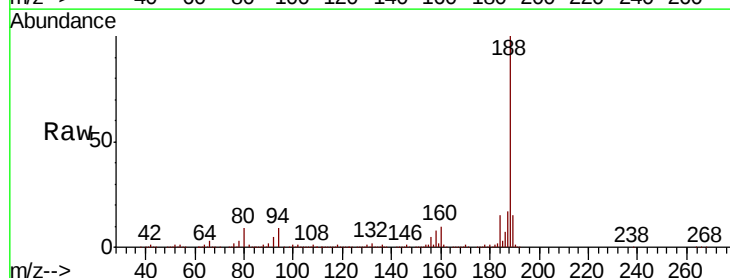
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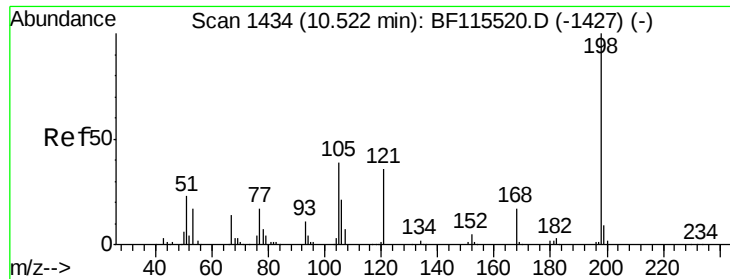
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.5	9.0	13.6





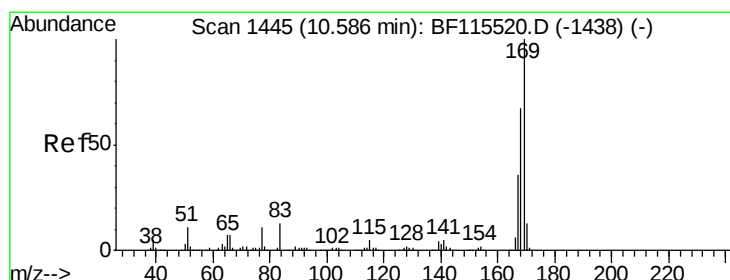
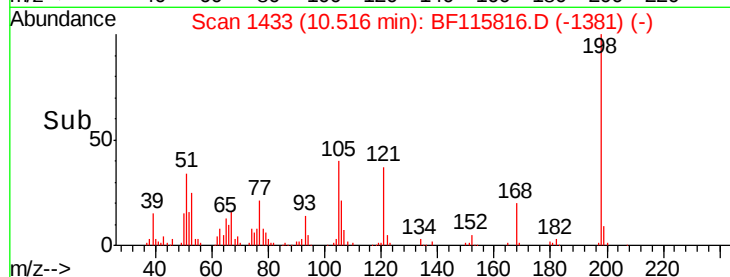
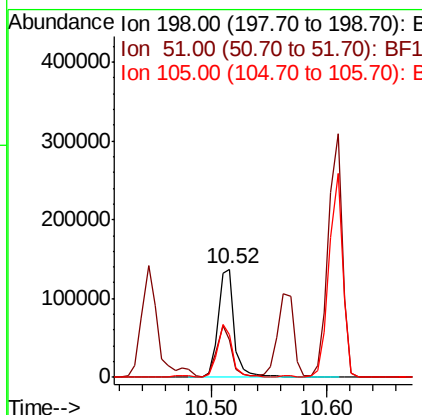
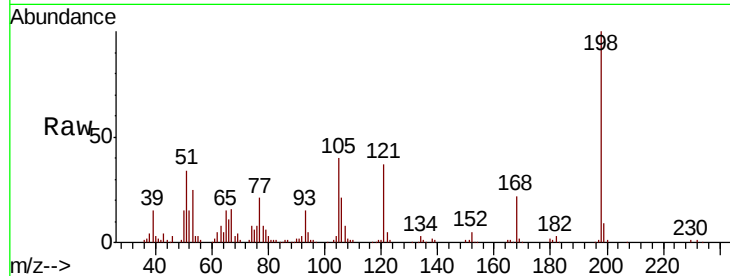
#65
4,6-Dinitro-2-methylphenol
Concen: 35.273 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	133915		
51	34.3	20.3	60.3	
105	39.9	24.7	64.7	

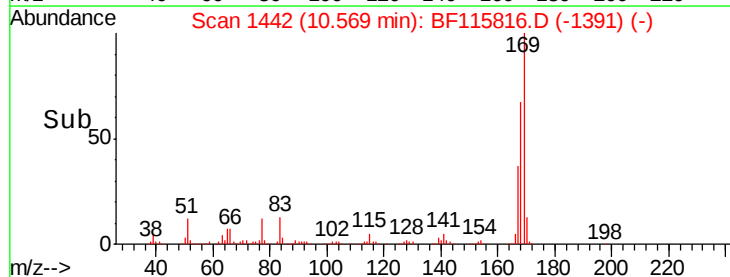
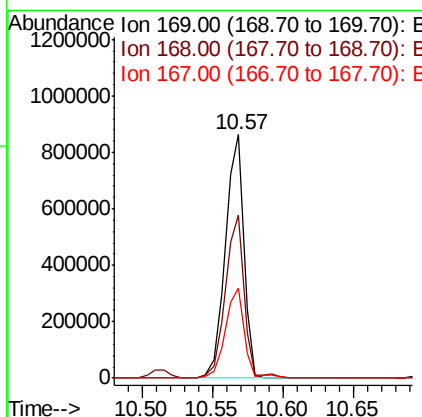
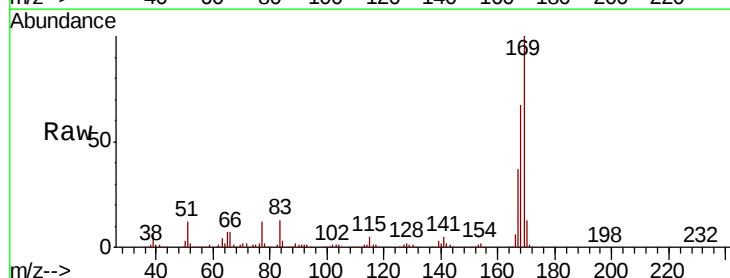
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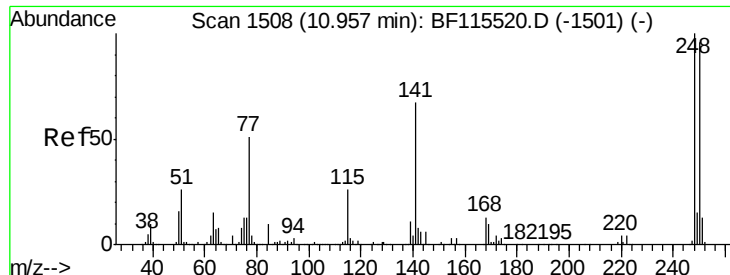
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#66
n-Nitrosodiphenylamine
Concen: 40.581 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	784410		
168	67.0	53.4	80.0	
167	36.8	29.1	43.7	





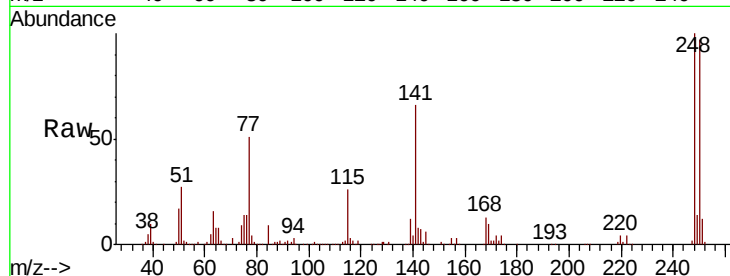
#67
 4-Bromophenyl-phenylether
 Concen: 40.216 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.0	115.4
141	66.0	52.1	78.1

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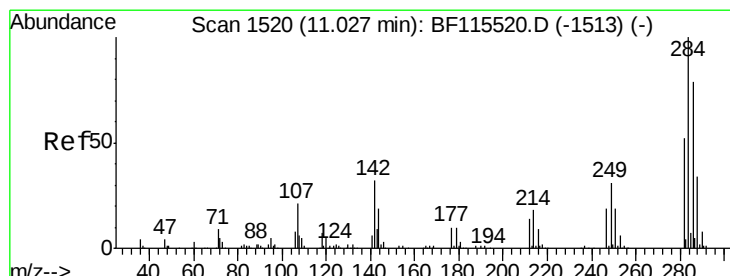
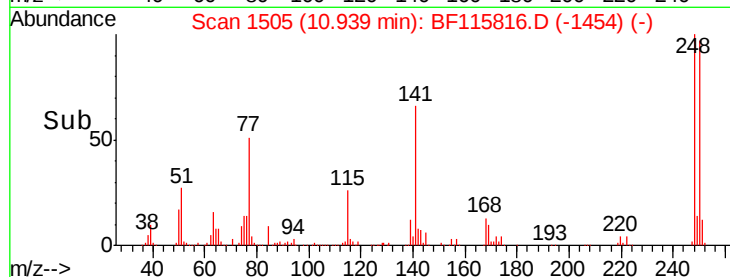
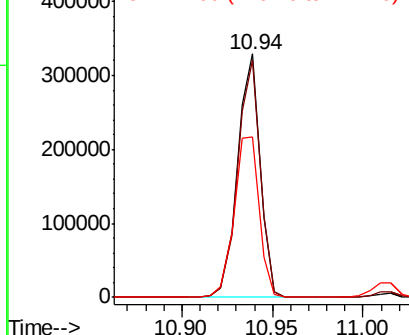


Abundance

Ion 248.00 (247.70 to 248.70): E

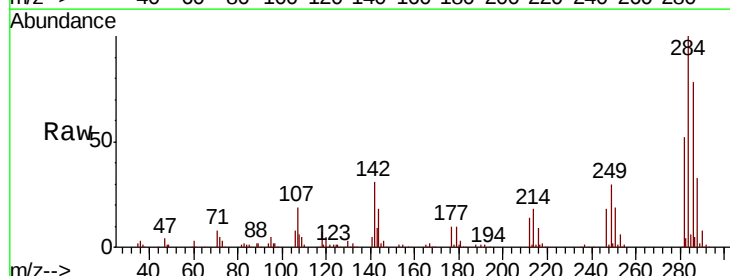
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.581 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	21.8	32.8
249	29.6	23.1	34.7

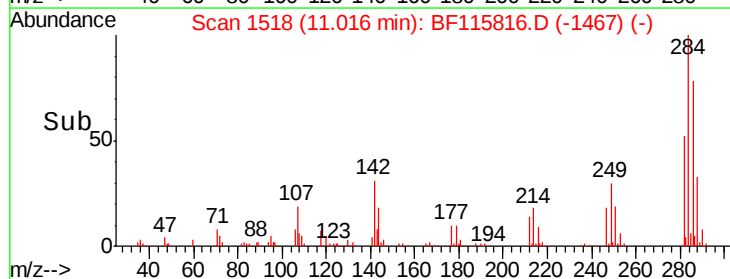
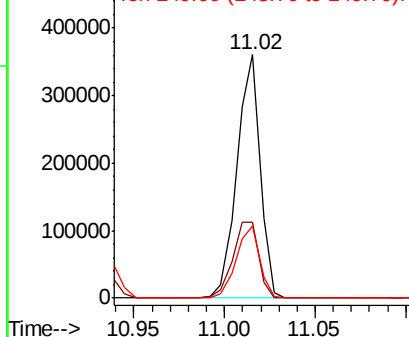


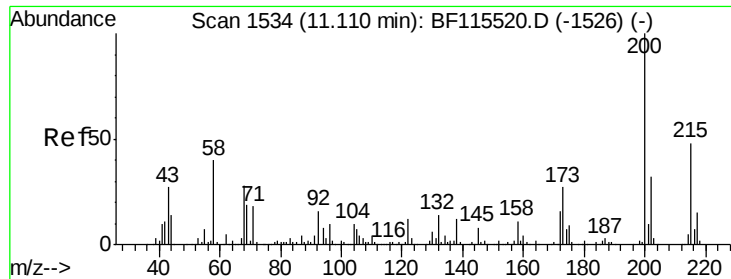
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





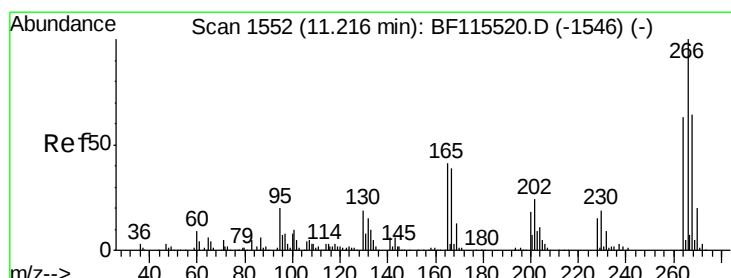
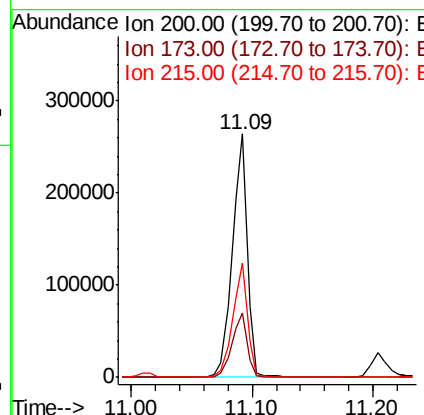
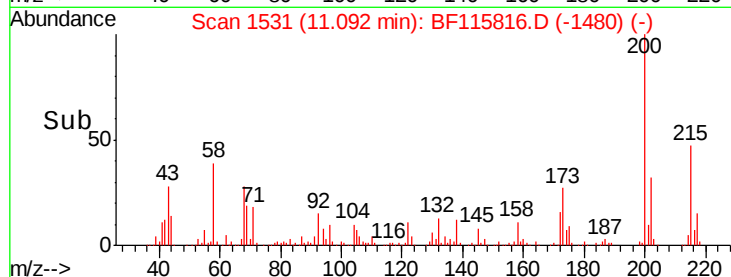
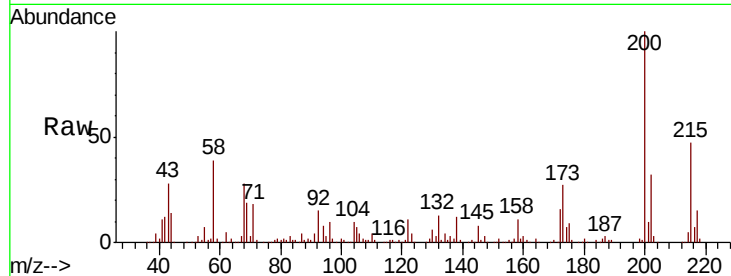
#69
Atrazine
Concen: 36.084 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.5	6.9	46.9
215	47.0	26.6	66.6

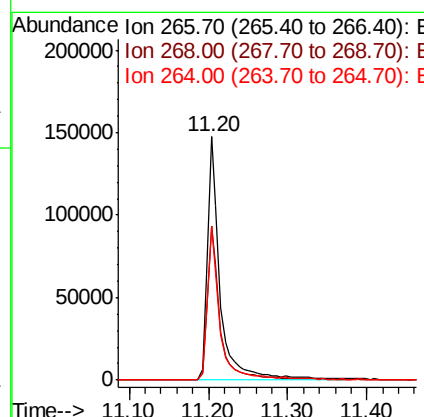
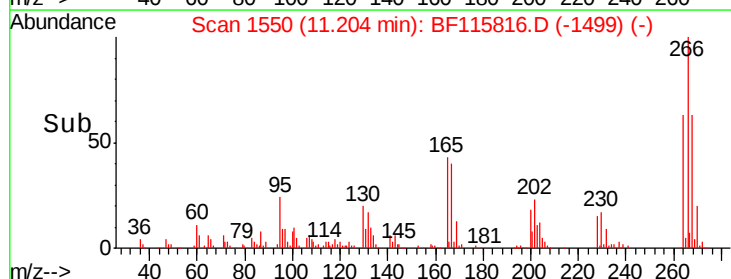
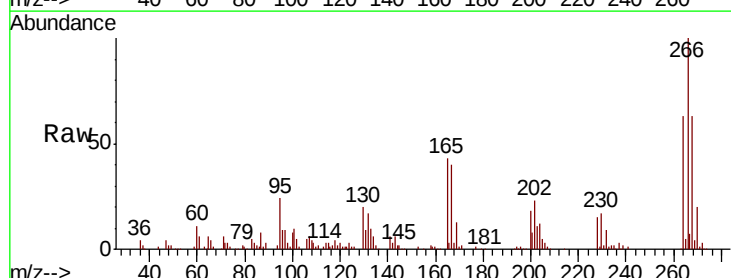
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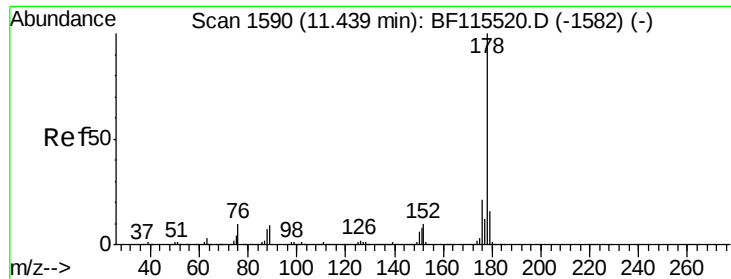
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#70
Pentachlorophenol
Concen: 33.872 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.2	51.2	76.8
264	63.1	50.0	75.0





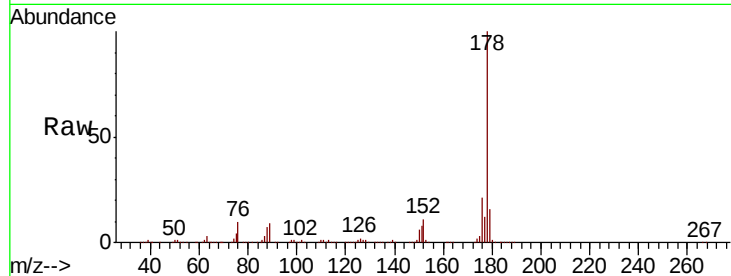
#71
Phenanthrene
Concen: 41.269 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

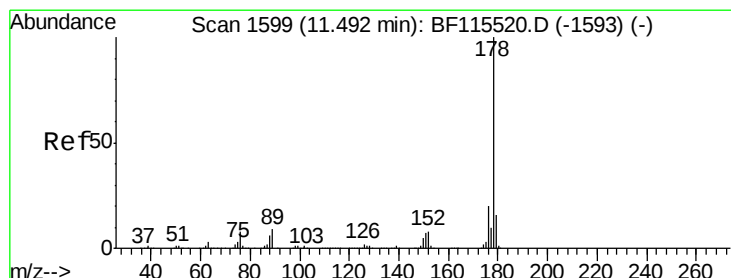
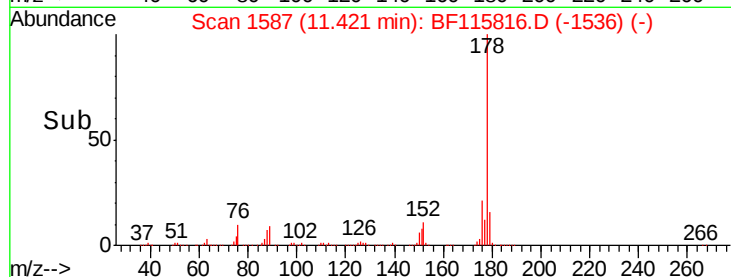
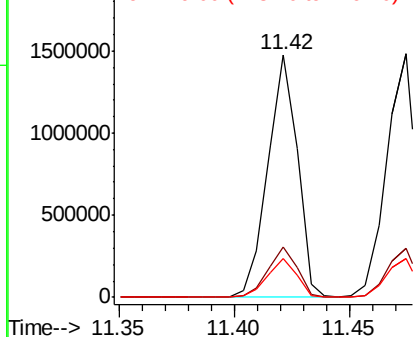
Tot Ion:178 Resp: 1314497
Ion Ratio Lower Upper
178 100
176 20.5 16.4 24.6
179 16.1 12.7 19.1

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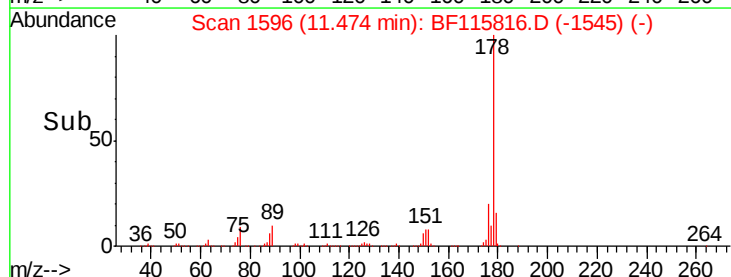
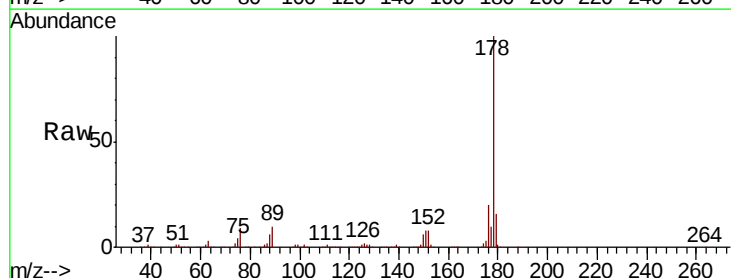
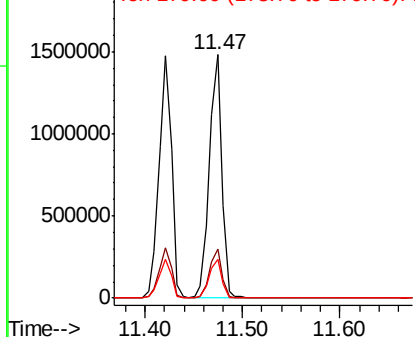
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

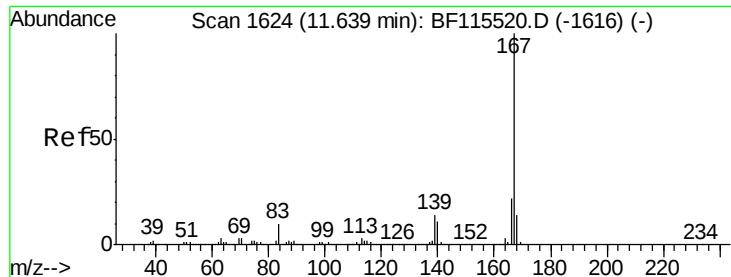


#72
Anthracene
Concen: 40.428 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:178 Resp: 1330797
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 15.9 12.6 18.8

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





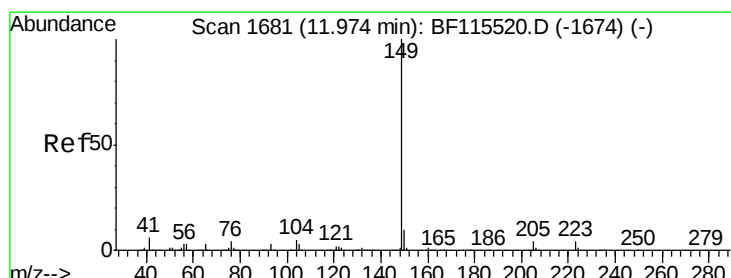
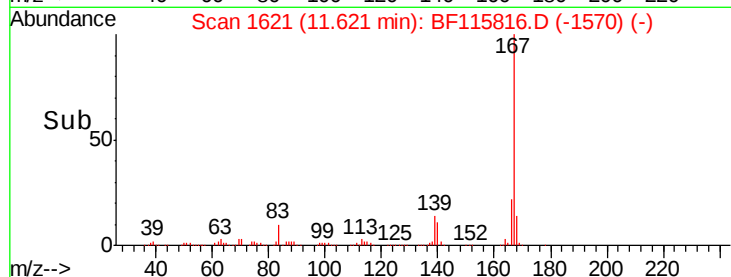
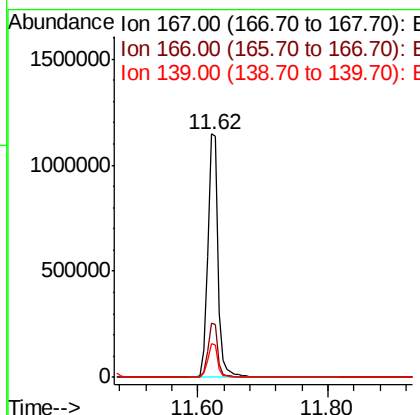
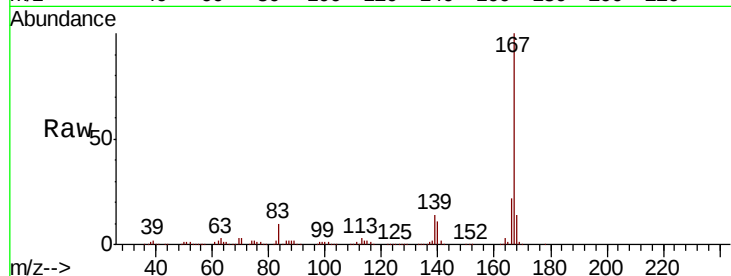
#73
 Carbazole
 Concen: 42.910 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:167 Resp: 1238645
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 13.9 11.1 16.7

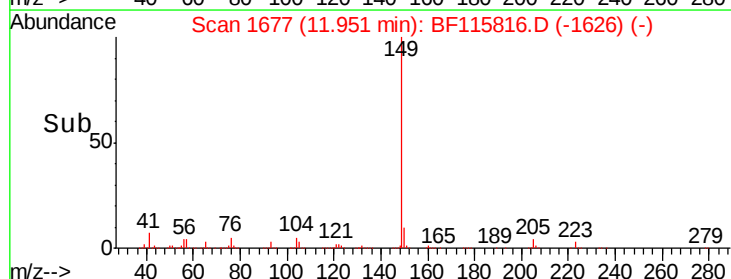
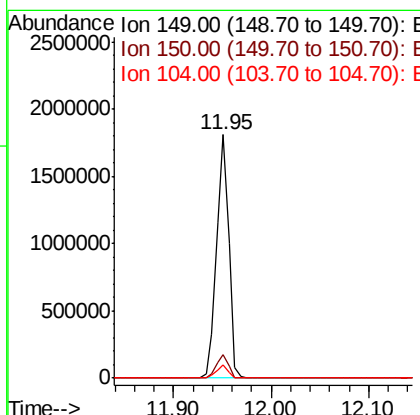
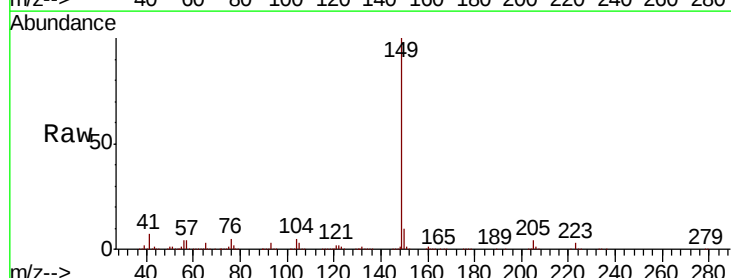
Manual Integrations
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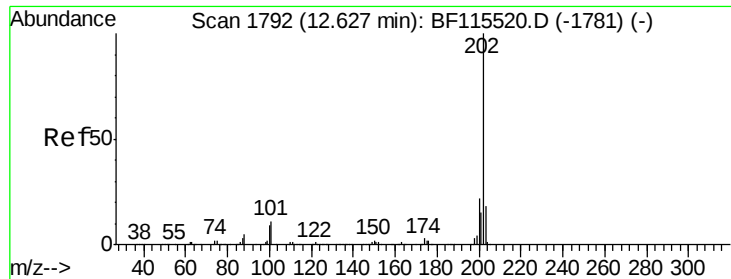
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#74
 Di-n-butylphthalate
 Concen: 44.086 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion:149 Resp: 1567565
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.0 12.0
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 40.906 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1376870

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.6

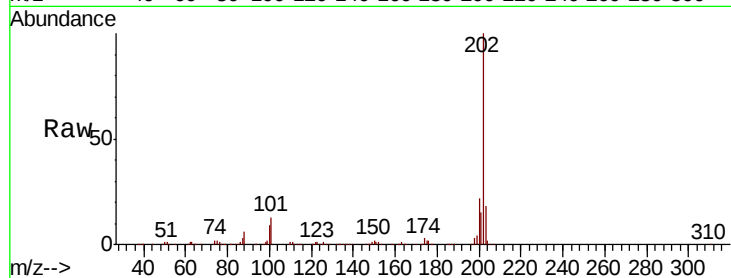
203 18.0 0.0 38.0

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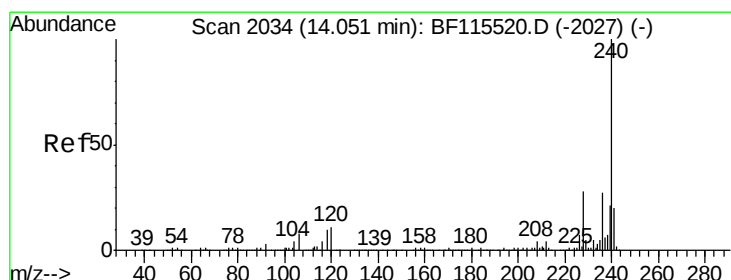
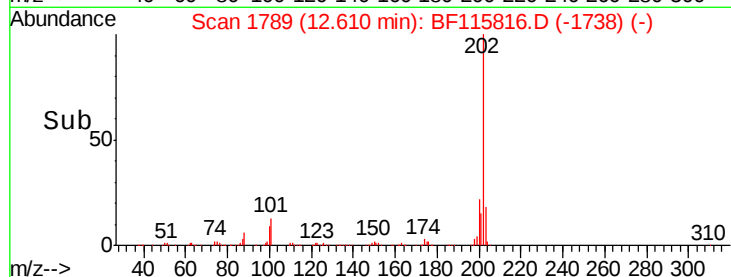
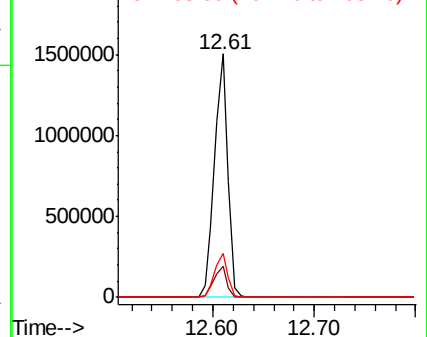


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

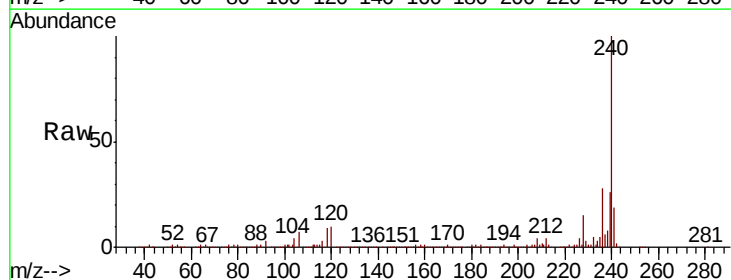
Tgt Ion:240 Resp: 434767

Ion Ratio Lower Upper

240 100

120 10.3 10.0 15.0

236 28.2 21.8 32.6

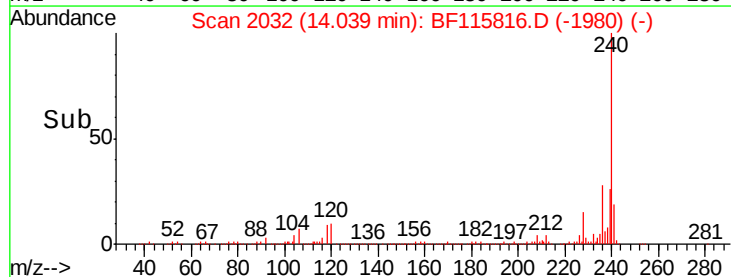
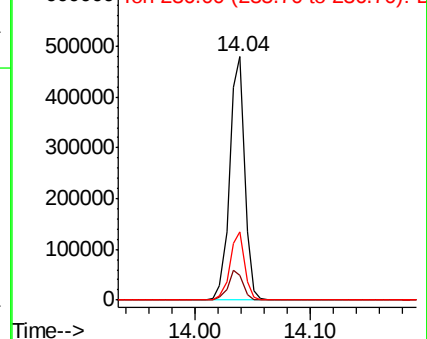


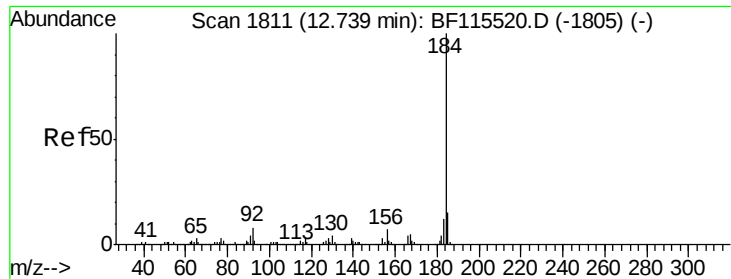
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.596 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

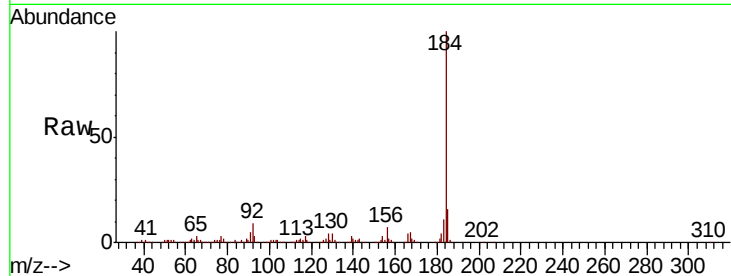
ClientSampleId :

SSTDCCC040

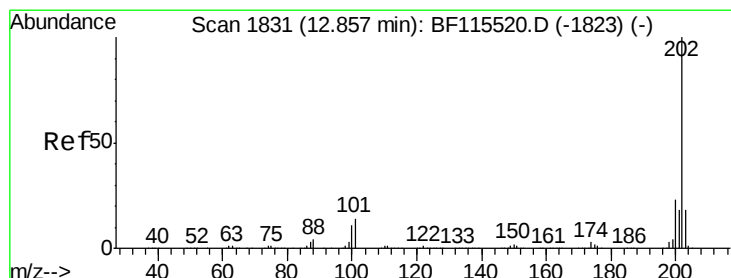
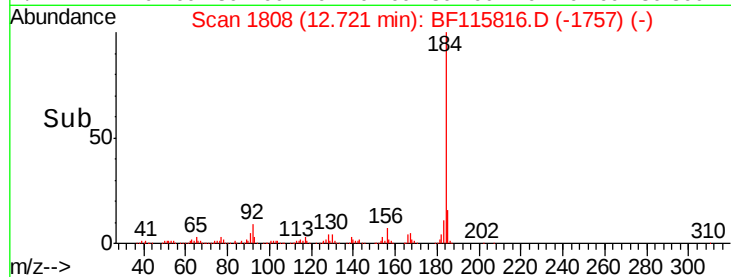
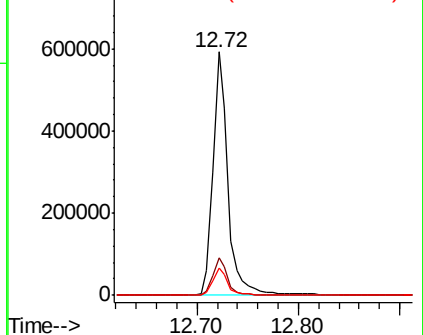
Tot Ion:	184	Resp:	609841
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.5	18.7
183	11.5	9.2	13.8

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Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.789 ng

RT: 12.84 min Scan# 1828

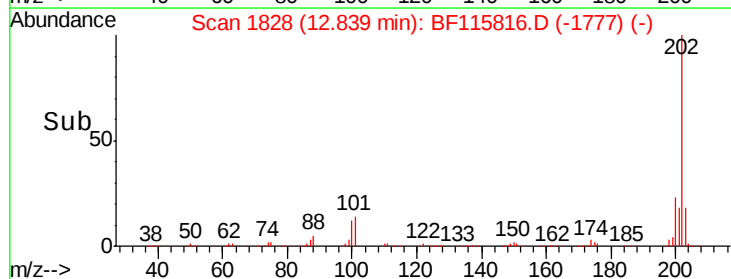
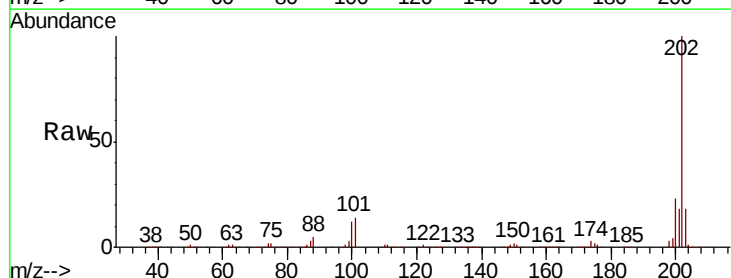
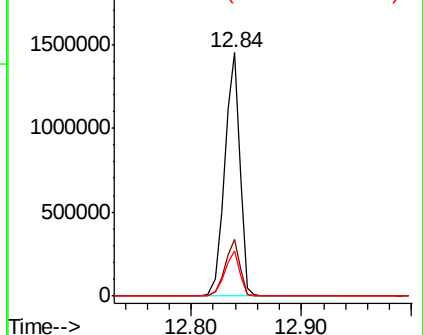
Delta R.T. -0.00 min

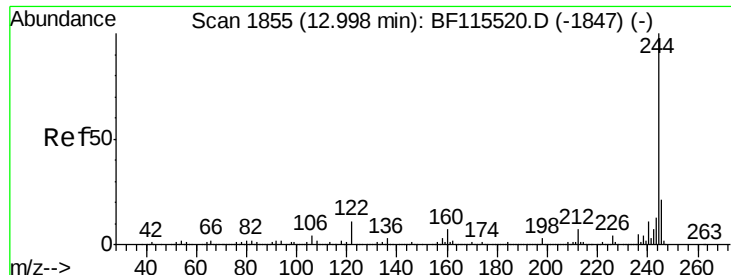
Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Tgt Ion:	202	Resp:	1391962
Ion Ratio	Lower	Upper	
202	100		
200	23.1	18.2	27.4
203	18.3	14.6	21.8

Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





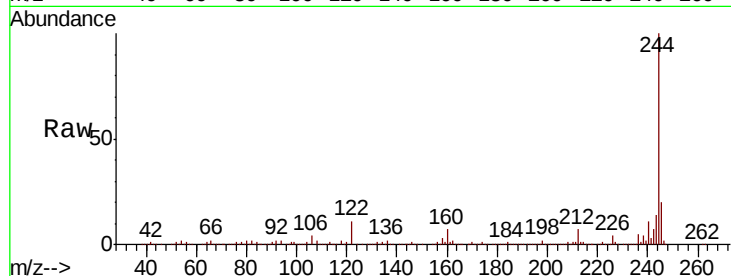
#79
 Terphenyl-d14
 Concen: 76.397 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

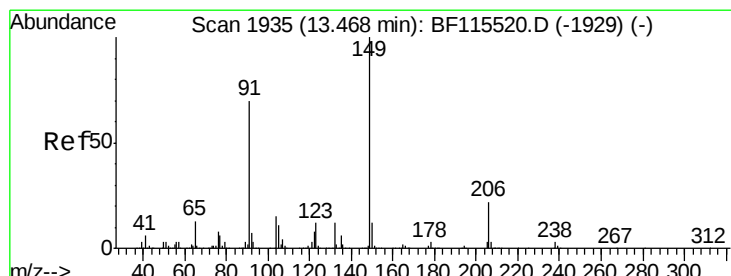
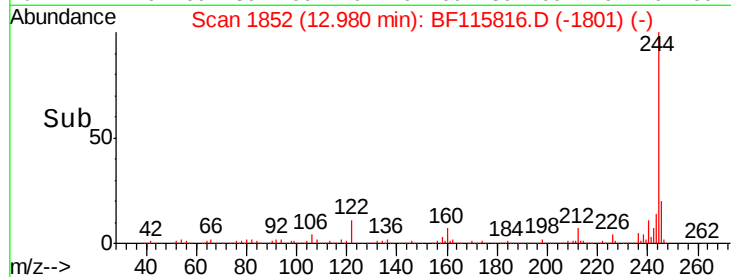
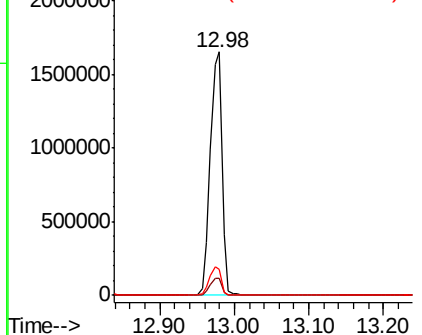
Tot Ion:244 Resp: 1800112
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 10.8 8.2 12.4

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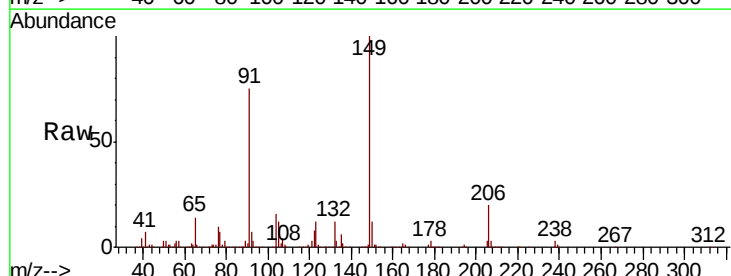


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

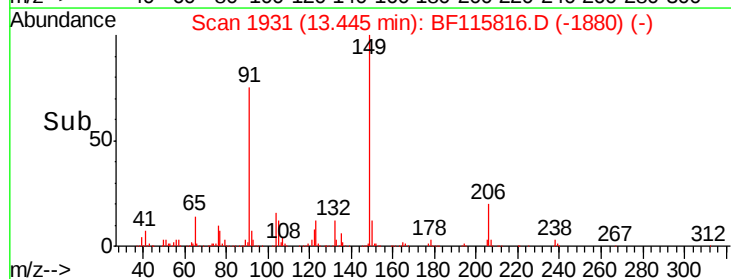
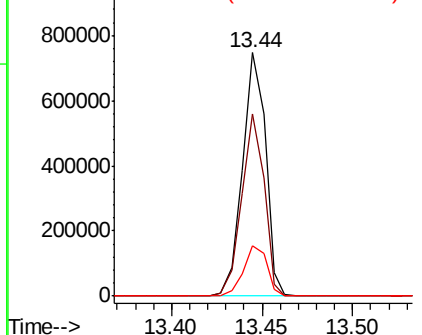


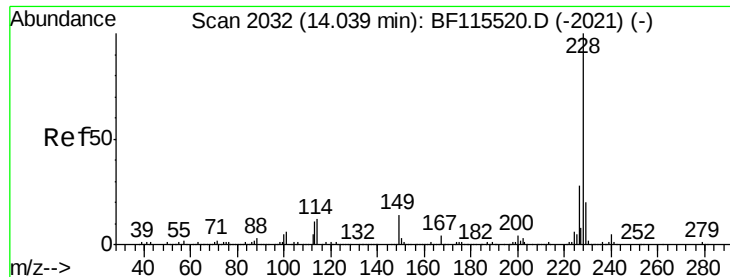
#80
 Butylbenzylphthalate
 Concen: 42.055 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion:149 Resp: 660367
 Ion Ratio Lower Upper
 149 100
 91 74.9 59.8 89.8
 206 20.4 16.2 24.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





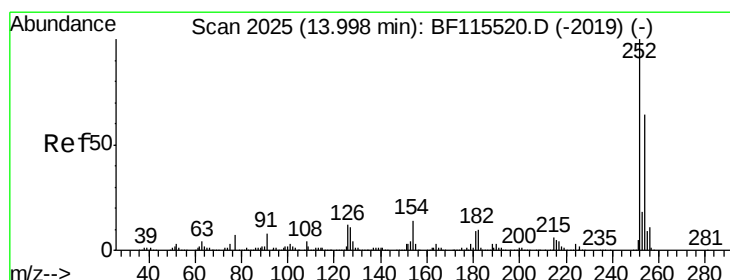
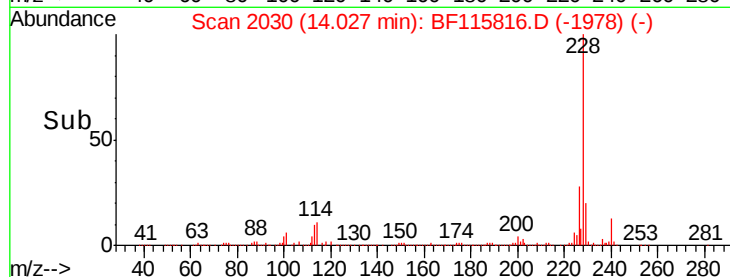
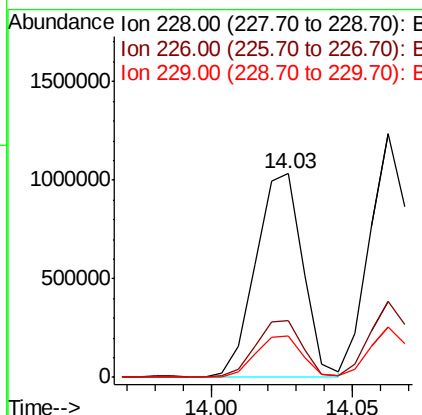
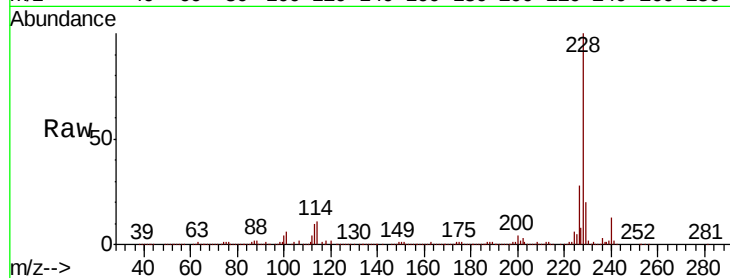
#81
Benzo(a)anthracene
Concen: 41.751 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	20.1	16.1	24.1

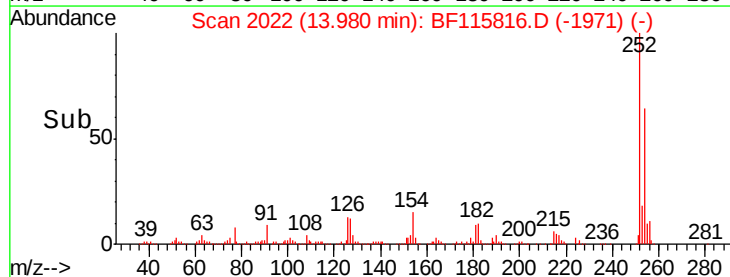
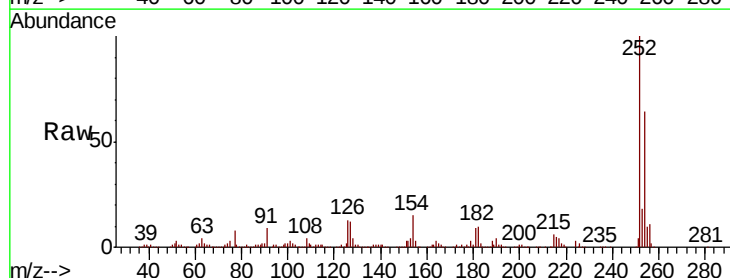
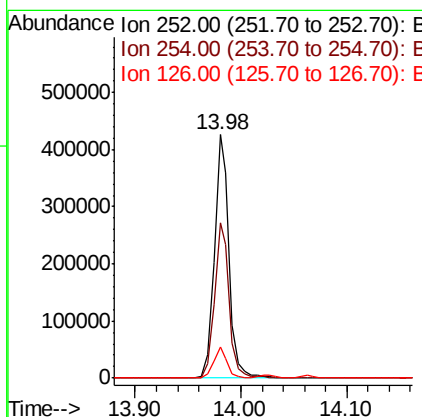
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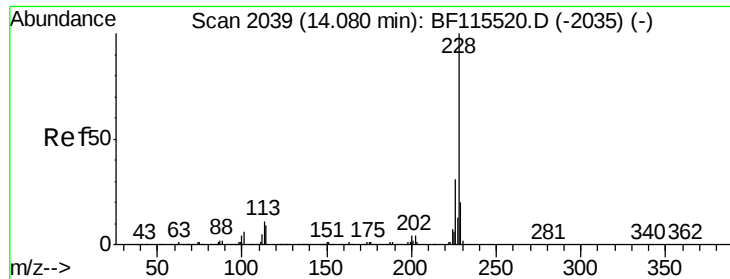
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#82
3,3'-Dichlorobenzidine
Concen: 41.164 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.6	77.4
126	12.6	9.9	14.9





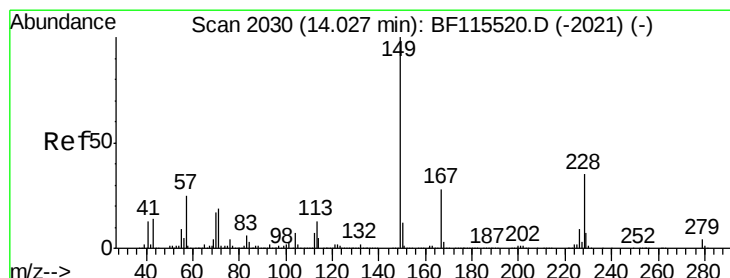
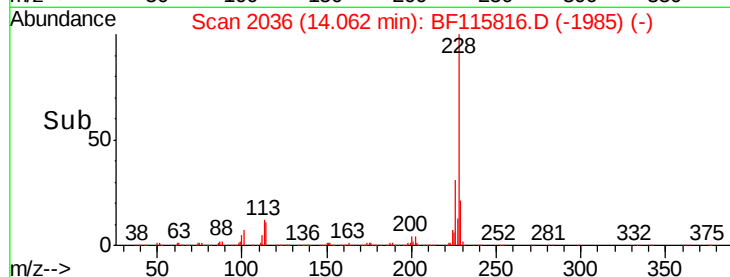
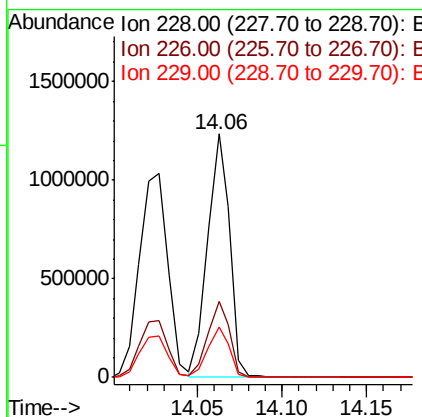
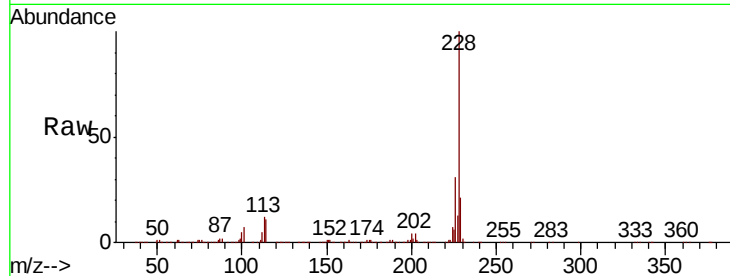
#83
 Chrysene
 Concen: 39.303 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.4
229	20.6	16.2	24.2

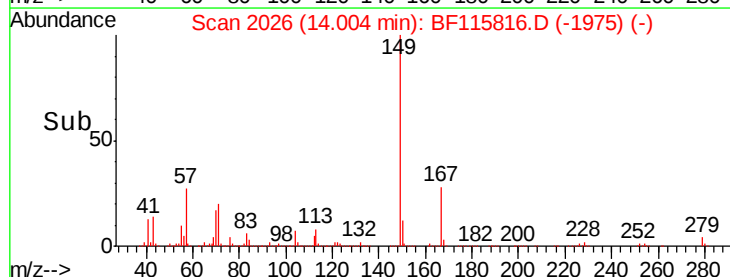
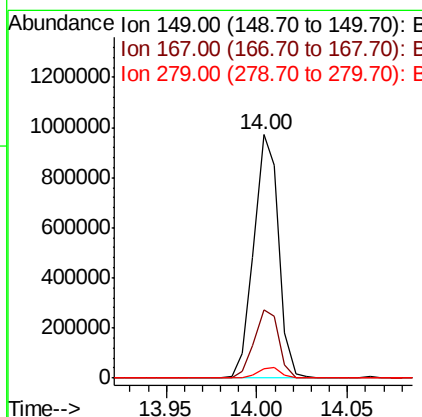
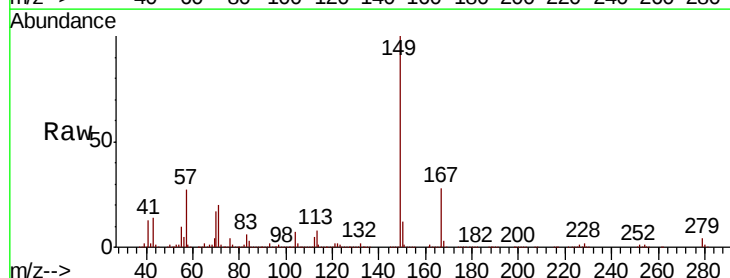
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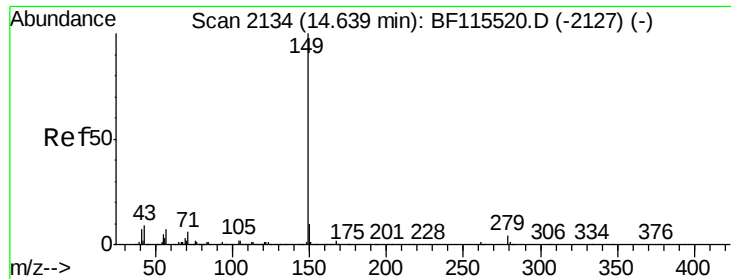
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.481 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.5	33.7
279	3.7	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 46.077 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1425974

Ion Ratio Lower Upper

149 100

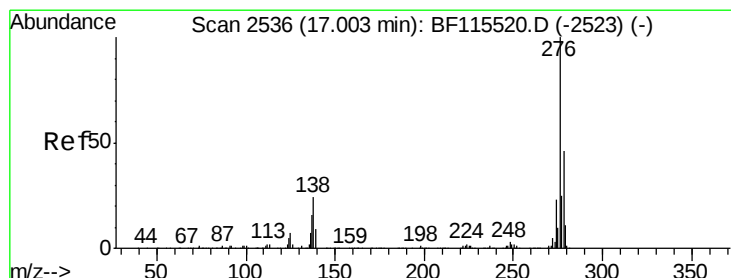
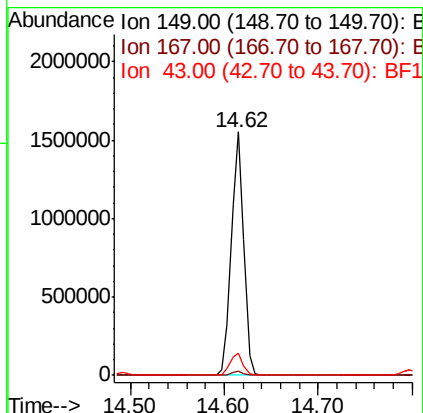
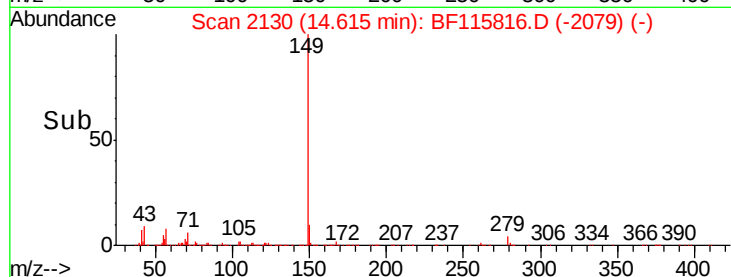
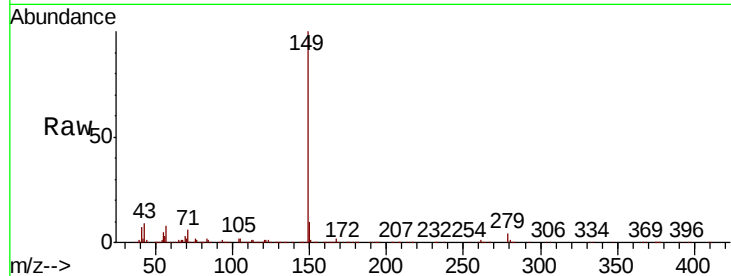
167 1.6 1.3 1.9

43 9.4 7.4 11.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.873 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

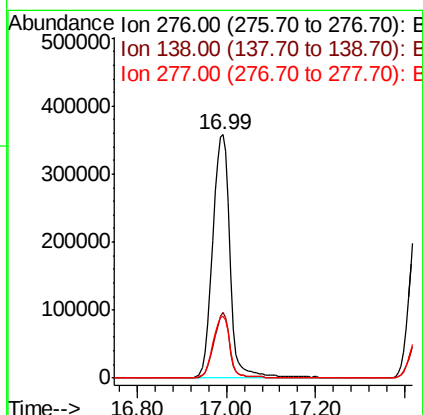
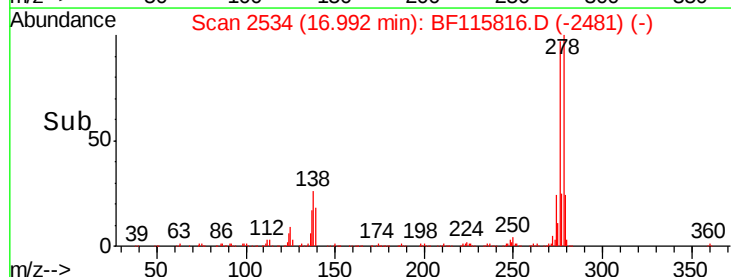
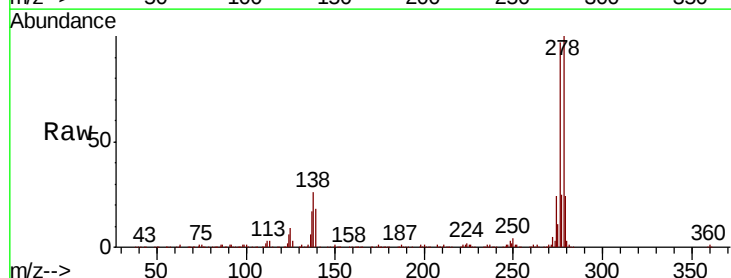
Tgt Ion:276 Resp: 998443

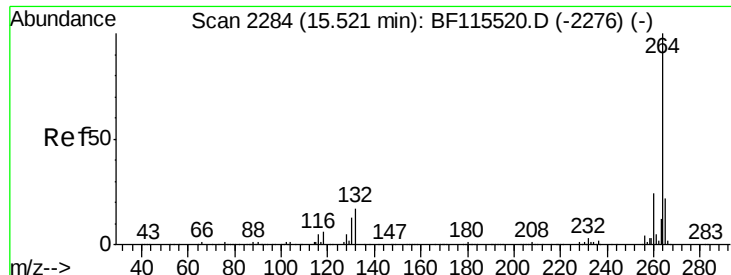
Ion Ratio Lower Upper

276 100

138 24.8 20.1 30.1

277 25.1 19.8 29.8





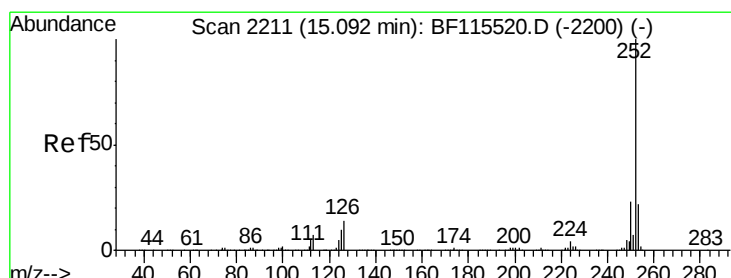
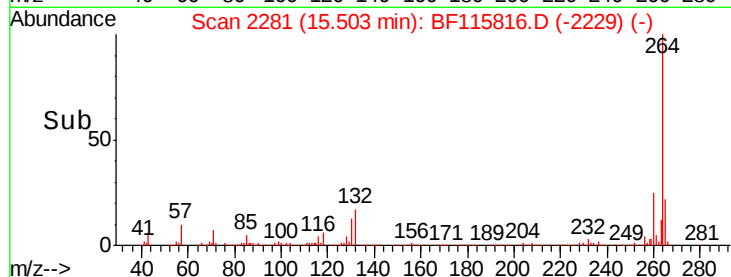
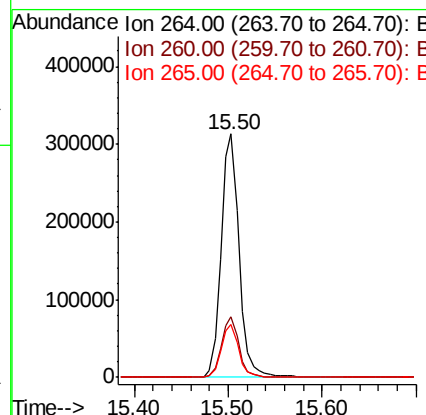
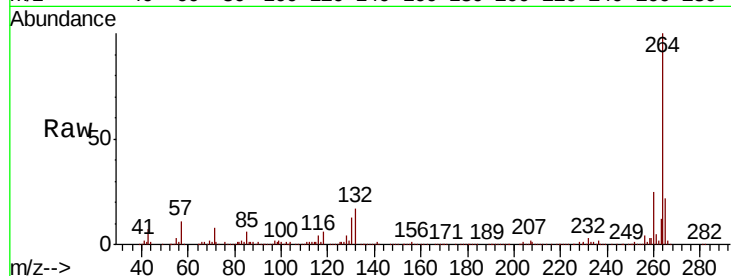
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	21.9	17.5	26.3

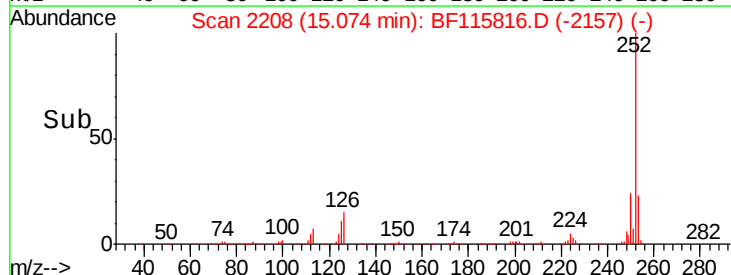
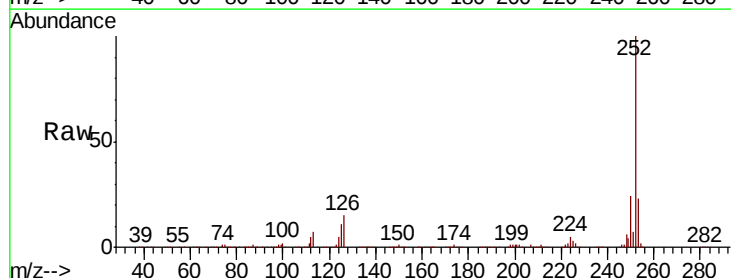
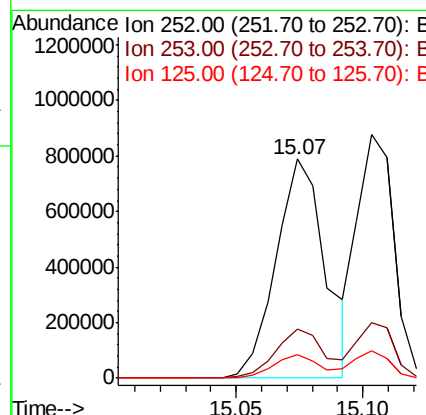
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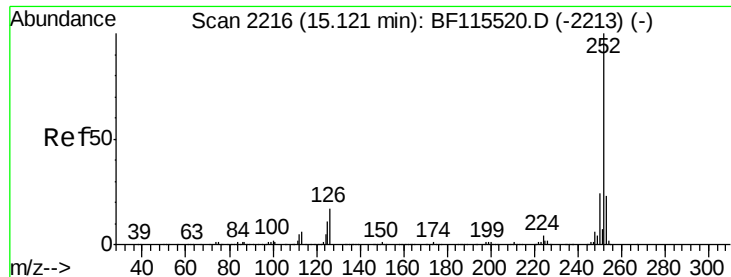
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#88
Benzo(b)fluoranthene
Concen: 39.604 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	10.8	8.4	12.6





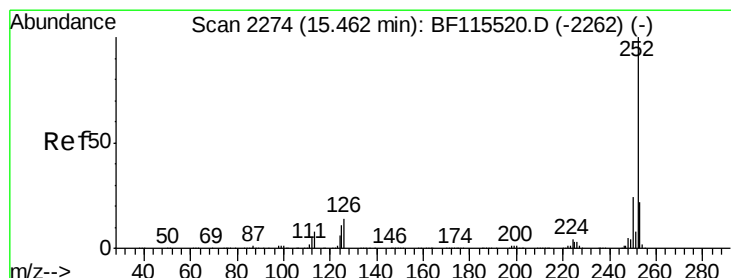
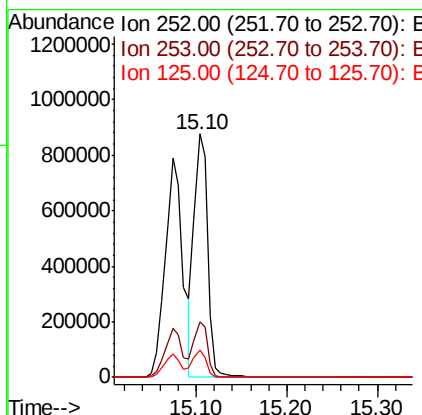
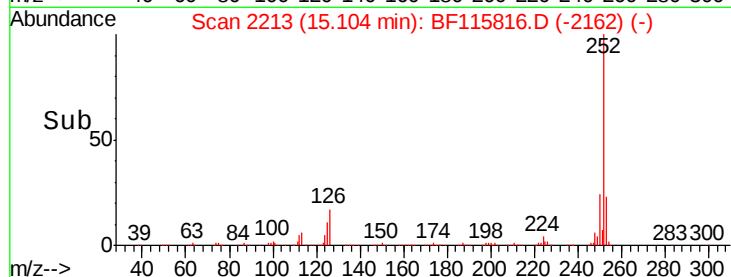
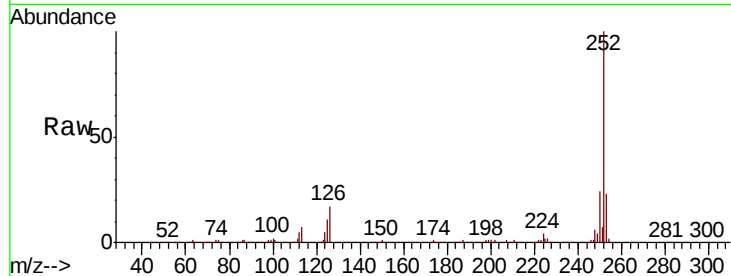
#89
Benzo(k)fluoranthene
Concen: 37.568 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.2	8.6	13.0

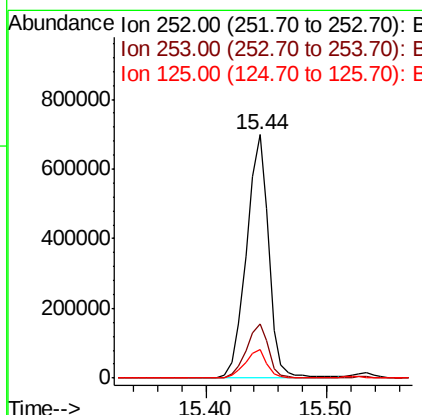
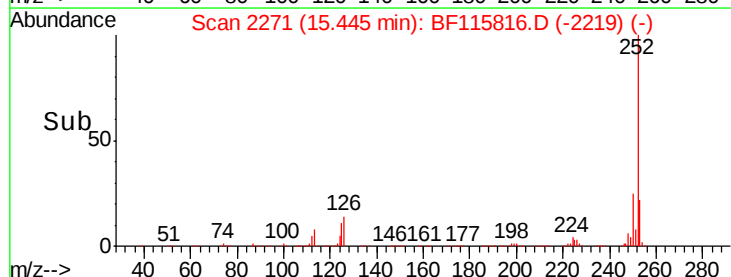
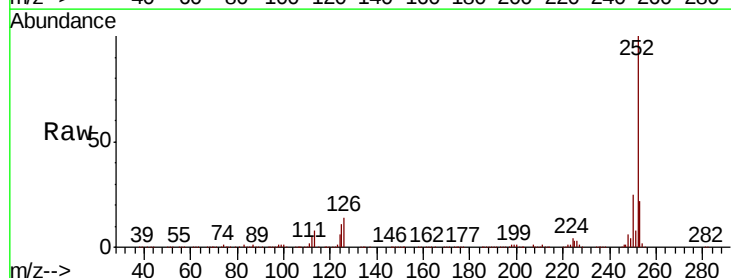
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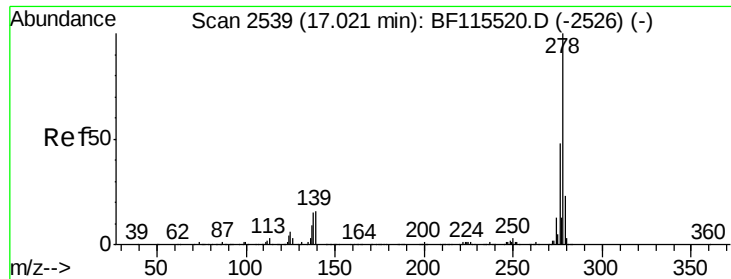
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#90
Benzo(a)pyrene
Concen: 38.905 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	11.5	9.4	14.2





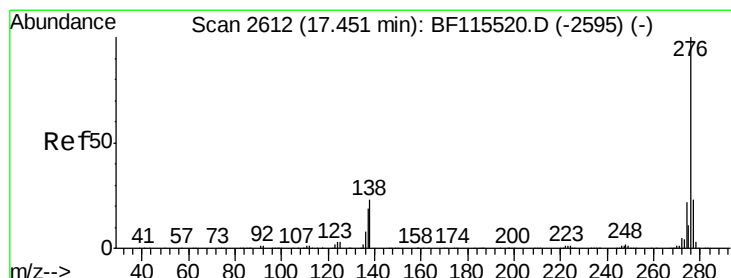
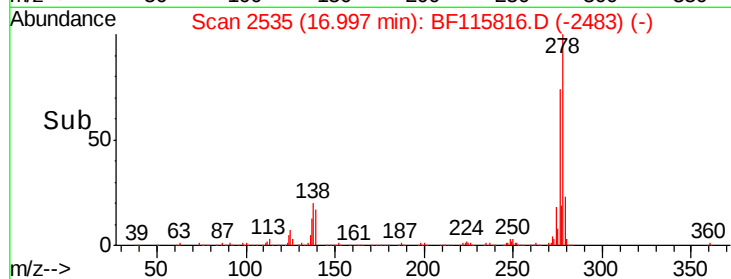
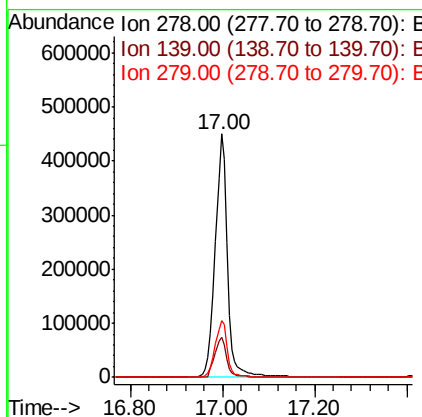
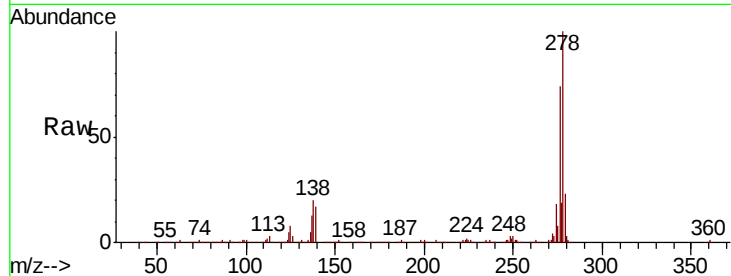
#91
Dibenzo(a,h)anthracene
Concen: 40.869 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.6	20.4
279	23.4	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/29/2019 5:29:42 PM



#92
Benzo(g,h,i)perylene
Concen: 37.977 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.1	27.1
138	22.0	16.6	24.8

