

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116271.D
 Acq On : 15 Aug 2019 11:32
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:36:25 AM

Quant Time: Aug 15 15:05:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	150068	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	616076	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	337196	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	591619	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	440174	20.00	ng	-0.02
87) Perylene-d12	15.43	264	473855	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	782045	87.24	ng	-0.03
7) Phenol-d6	6.46	99	951254	84.11	ng	-0.02
23) Nitrobenzene-d5	7.39	82	869833	81.50	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	276144	84.47	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1400117	77.77	ng	-0.03
79) Terphenyl-d14	12.92	244	1640848	78.55	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	185900	41.050	ng	99
3) Pyridine	3.28	79	477549	37.749	ng	99
4) n-Nitrosodimethylamine	3.24	42	185681m	37.193	ng	
6) Aniline	6.49	93	642631	39.675	ng	94
8) 2-Chlorophenol	6.61	128	436072	43.991	ng	99
9) Benzaldehyde	6.37	77	298290	38.224	ng	99
10) Phenol	6.47	94	552538	41.486	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	422271	43.124	ng	98
12) 1,3-Dichlorobenzene	6.76	146	477865	41.713	ng	97
13) 1,4-Dichlorobenzene	6.83	146	486242	42.390	ng	100
14) 1,2-Dichlorobenzene	6.99	146	443848	42.023	ng	100
15) Benzyl Alcohol	6.97	79	338041	39.384	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	550171	41.192	ng	89
17) 2-Methylphenol	7.08	107	355114	42.308	ng	99
18) Hexachloroethane	7.33	117	178707	42.315	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	286256	40.844	ng	99
20) 3+4-Methylphenols	7.23	107	422601	42.546	ng	# 89
22) Acetophenone	7.23	105	550524	40.745	ng	99
24) Nitrobenzene	7.40	77	486542	42.219	ng	98
25) Isophorone	7.65	82	880215	43.130	ng	100
26) 2-Nitrophenol	7.72	139	239250	44.042	ng	96
27) 2,4-Dimethylphenol	7.76	122	340861	41.706	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	544065	43.011	ng	99
29) 2,4-Dichlorophenol	7.97	162	379818	44.014	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	411888	41.872	ng	99
31) Naphthalene	8.12	128	1219663	42.070	ng	99
32) Benzoic acid	7.92	122	223997	38.874	ng	98
33) 4-Chloroaniline	8.17	127	523415	40.407	ng	98
34) Hexachlorobutadiene	8.24	225	235168	41.506	ng	99
35) Caprolactam	8.56	113	121393m	43.495	ng	
36) 4-Chloro-3-methylphenol	8.66	107	394729	43.969	ng	100
37) 2-Methylnaphthalene	8.81	142	798205	41.806	ng	100
38) 1-Methylnaphthalene	8.91	142	757934	41.961	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	374302	41.522	ng	99

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 ClientSampleID :
 SSTDC0040

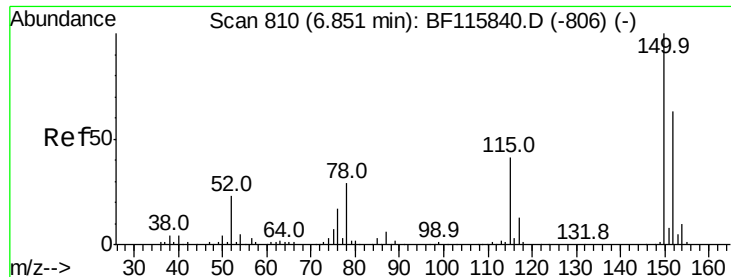
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	132061	36.139	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	243260	39.205	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	254995	39.756	nq	97
46) 1,1'-Biphenyl	9.27	154	972376	40.846	nq	99
47) 2-Chloronaphthalene	9.30	162	791891	39.967	nq	99
48) 2-Nitroaniline	9.40	65	266457	40.686	nq	96
49) Acenaphthylene	9.72	152	1173409	40.594	nq	99
50) Dimethylphthalate	9.57	163	948620	41.318	nq	100
51) 2,6-Dinitrotoluene	9.65	165	208495	41.787	nq	93
52) Acenaphthene	9.89	154	718073	40.492	nq	99
53) 3-Nitroaniline	9.82	138	251959	40.869	nq	99
54) 2,4-Dinitrophenol	9.94	184	83420	37.475	nq	99
55) Dibenzofuran	10.06	168	998751	38.728	nq	99
56) 4-Nitrophenol	9.99	139	153754	38.931	nq	94
57) 2,4-Dinitrotoluene	10.06	165	255632	38.481	nq	94
58) Fluorene	10.40	166	827966	41.729	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	210673	39.041	nq	96
60) Diethylphthalate	10.27	149	897424	41.866	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	419288	41.725	nq	97
62) 4-Nitroaniline	10.44	138	245546	38.540	nq	99
63) Azobenzene	10.55	77	918849	41.676	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	137896	43.983	nq	99
66) n-Nitrosodiphenylamine	10.51	169	745783	41.881	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	264766	41.806	nq	97
68) Hexachlorobenzene	10.96	284	300369	41.015	nq	99
69) Atrazine	11.04	200	197430	33.701	nq	98
70) Pentachlorophenol	11.16	266	142199	39.994	nq	98
71) Phenanthrene	11.36	178	1245448	41.179	nq	99
72) Anthracene	11.42	178	1268007	41.426	nq	99
73) Carbazole	11.57	167	1191419	42.903	nq	100
74) Di-n-butylphthalate	11.89	149	1415554	43.697	nq	100
75) Fluoranthene	12.55	202	1330082	42.007	nq	97
77) Benzidine	12.67	184	585428	39.367	nq	98
78) Pyrene	12.79	202	1361296	41.026	nq	99
80) Butylbenzylphthalate	13.39	149	617154	43.970	nq	97
81) Benzo(a)anthracene	13.97	228	1207450	42.917	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	432904	44.290	nq	98
83) Chrysene	14.01	228	1144394	41.898	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	824853	45.224	nq	# 98
85) Di-n-octyl phthalate	14.55	149	1327955	45.838	nq	99
86) Indeno(1,2,3-cd)pyrene	16.91	276	1114268	48.571	nq	100
88) Benzo(b)fluoranthene	15.02	252	1060320	38.699	nq	99
89) Benzo(k)fluoranthene	15.04	252	1076432	40.336	nq	99
90) Benzo(a)pyrene	15.38	252	1010432	41.255	nq	99
91) Dibenzo(a,h)anthracene	16.91	278	926003	43.678	nq	99
92) Benzo(g,h,i)perylene	17.34	276	916105	43.999	nq	98

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



#1

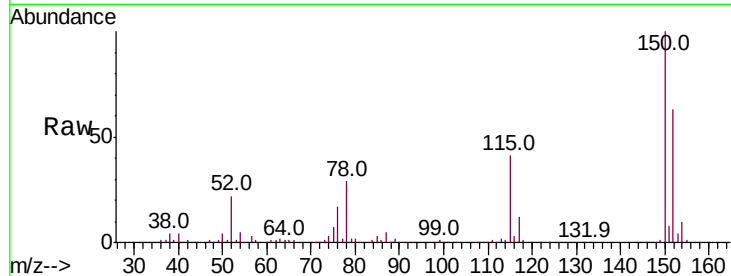
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	64.2	49.9	74.9

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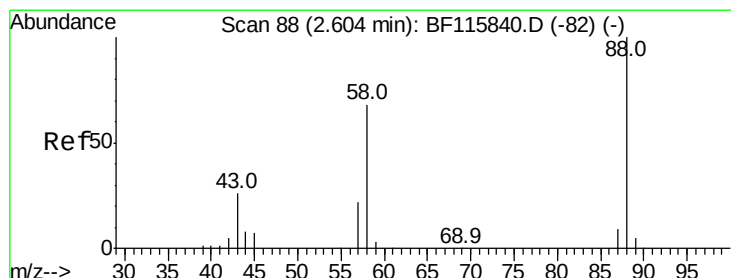
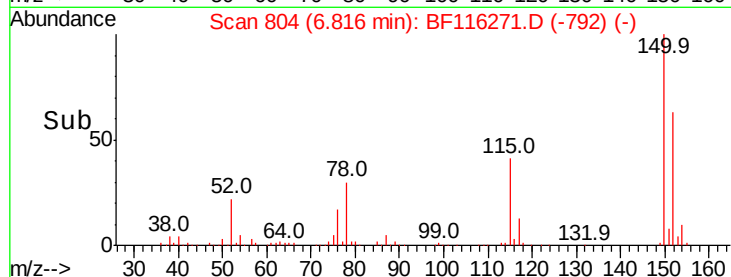
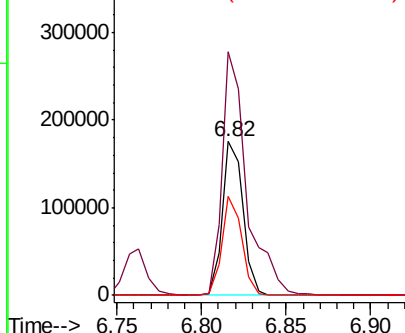


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

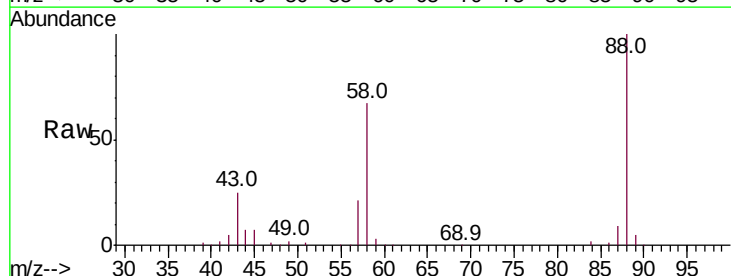
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.050 ng
RT: 2.53 min Scan# 75
Delta R.T. -0.08 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.1	53.7	80.5
43	25.2	21.0	31.4

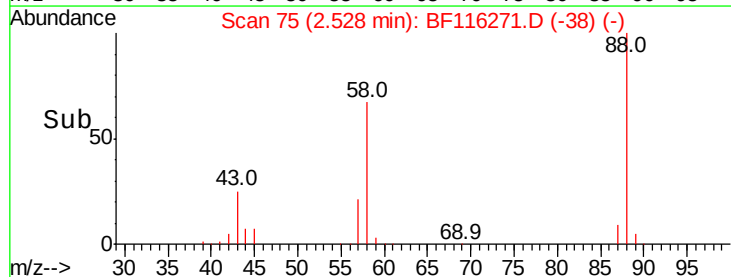
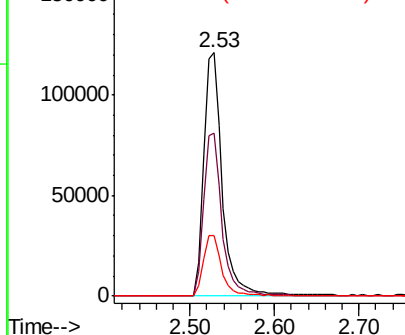


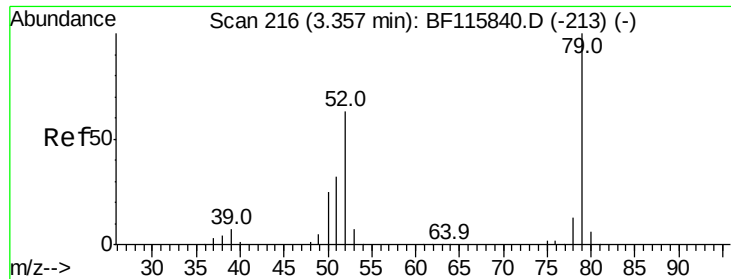
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.749 ng

RT: 3.28 min Scan# 202

Delta R.T. -0.09 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

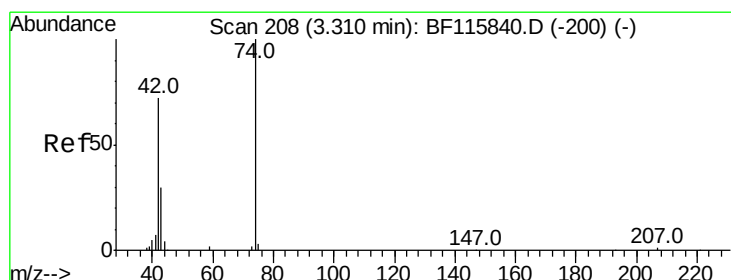
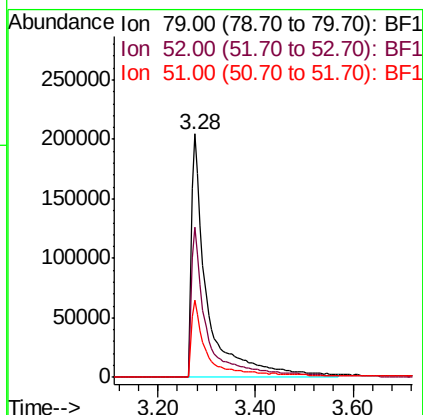
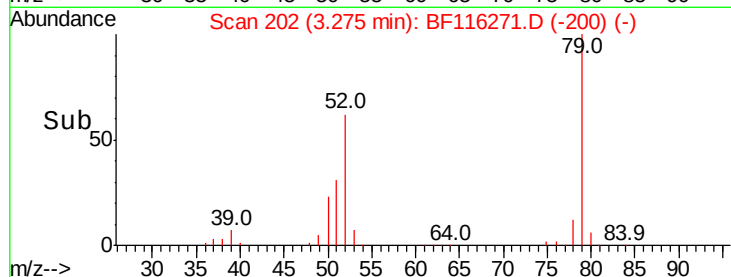
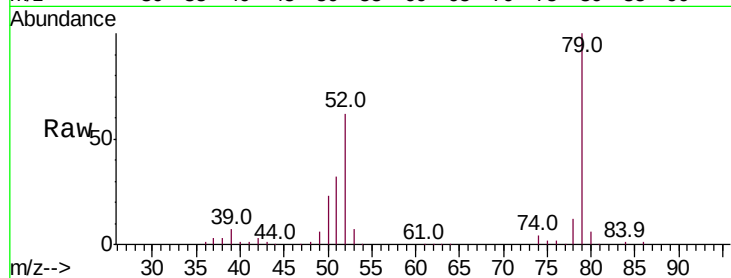
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	477549
Ion Ratio	Lower	Upper	
79	100		
52	61.7	49.8	74.8
51	31.6	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 37.193 ng m

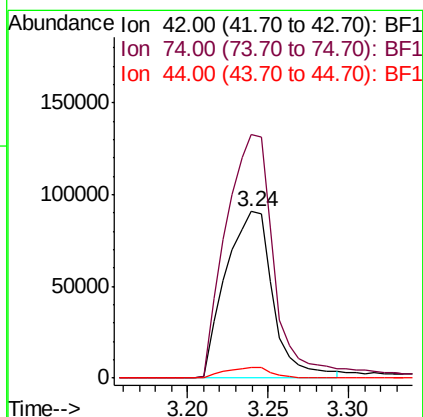
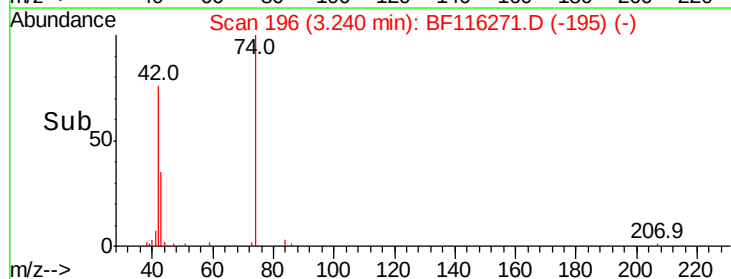
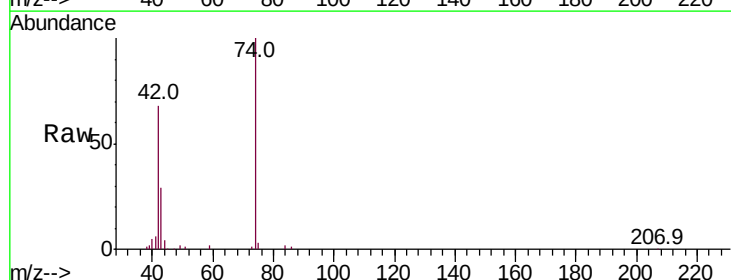
RT: 3.24 min Scan# 196

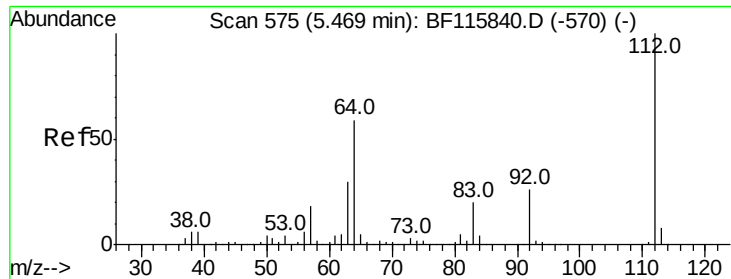
Delta R.T. -0.09 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Tgt Ion:	42	Resp:	185681
Ion Ratio	Lower	Upper	
42	100		
74	146.4	116.0	174.0
44	6.3	4.6	7.0





#5

2-Fluorophenol

Concen: 87.240 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

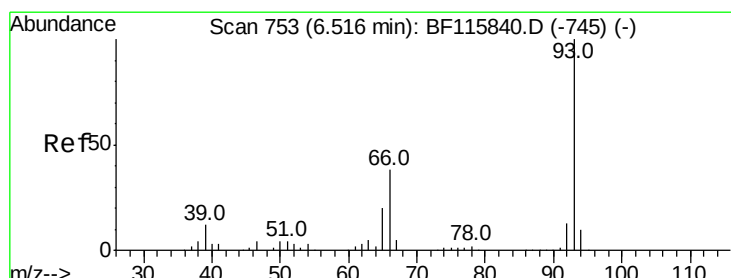
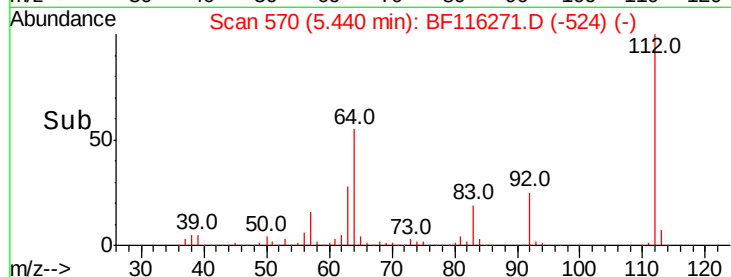
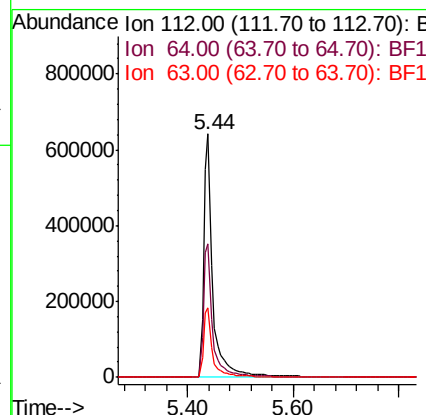
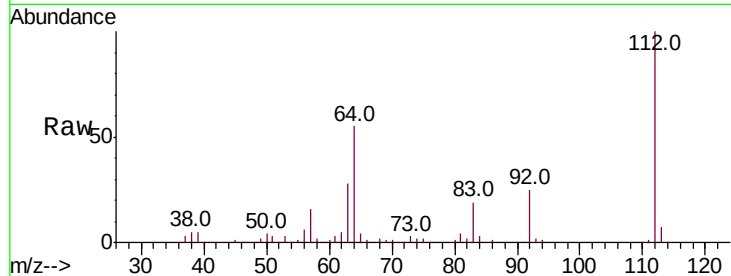
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	782045
Ion Ratio	Lower	Upper	
112	100		
64	55.0	45.4	68.2
63	28.5	23.7	35.5

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#6

Aniline

Concen: 39.675 ng

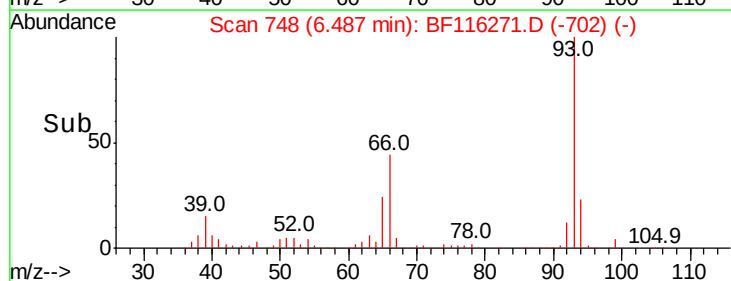
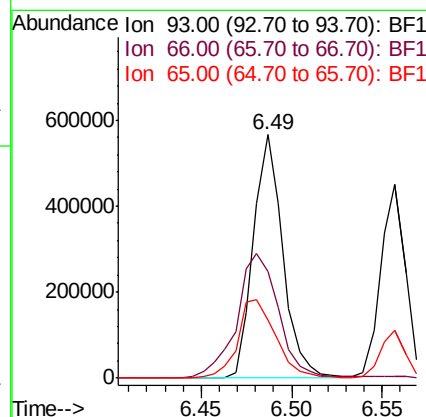
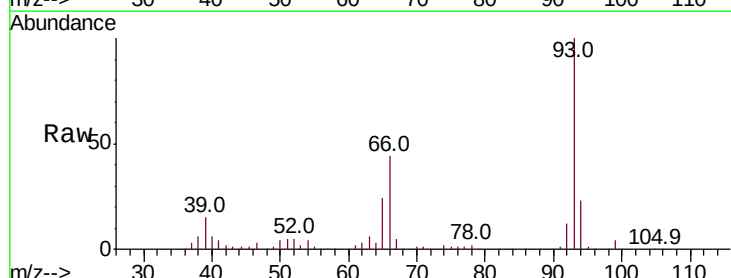
RT: 6.49 min Scan# 748

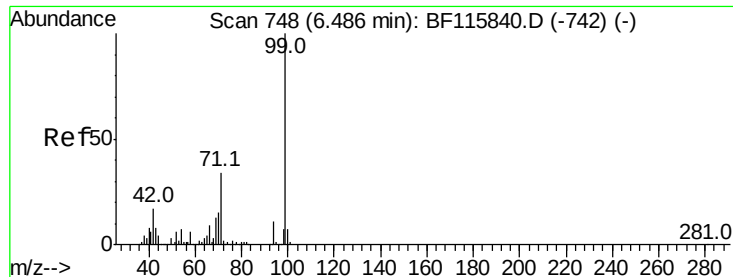
Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Tgt Ion:	93	Resp:	642631
Ion Ratio	Lower	Upper	
93	100		
66	44.0	32.2	48.4
65	23.7	17.0	25.6





#7

Phenol-d6

Concen: 84.107 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

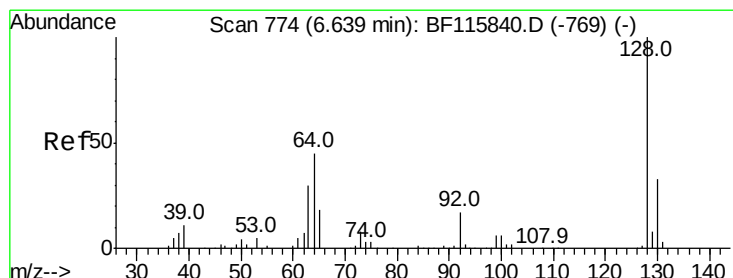
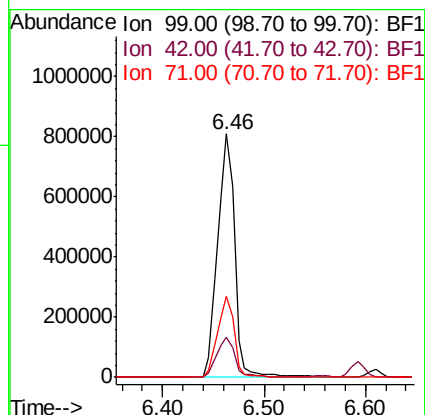
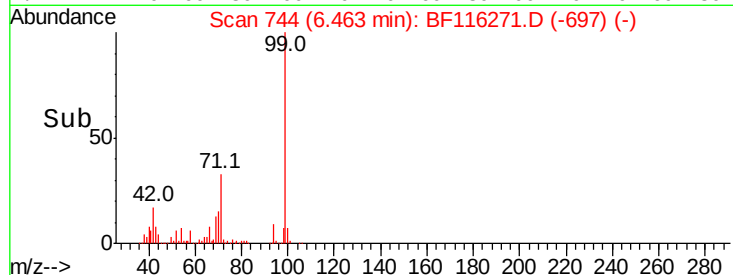
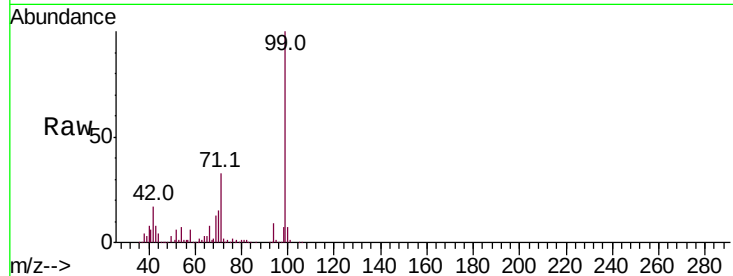
ClientSampled :

SSTDCCC040

Tot Ion:	99	Resp:	951254
Ion Ratio	Lower	Upper	
99	100		
42	16.7	13.8	20.8
71	33.3	27.3	40.9

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#8

2-Chlorophenol

Concen: 43.991 ng

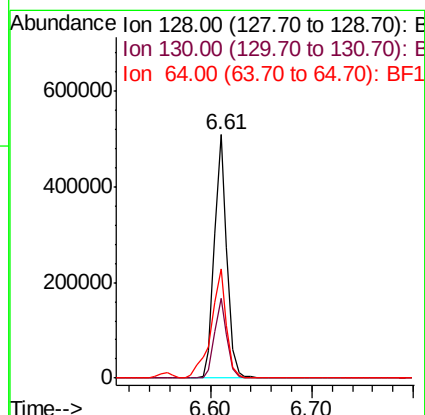
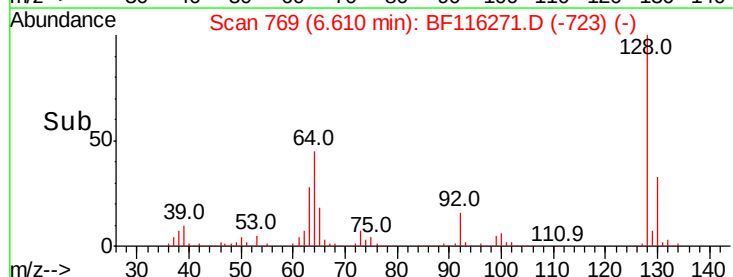
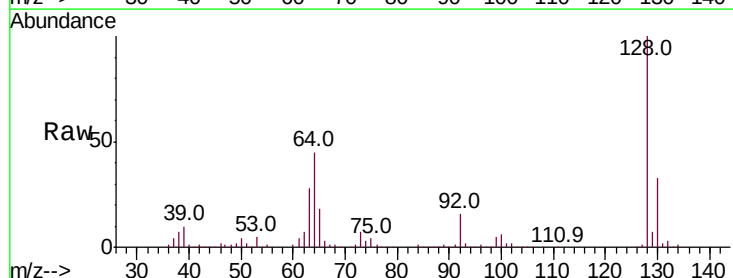
RT: 6.61 min Scan# 769

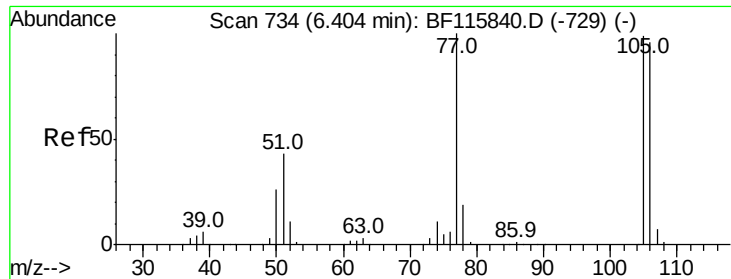
Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Tgt Ion:	128	Resp:	436072
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.9	52.9
64	44.8	24.3	64.3





#9

Benzaldehyde

Concen: 38.224 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

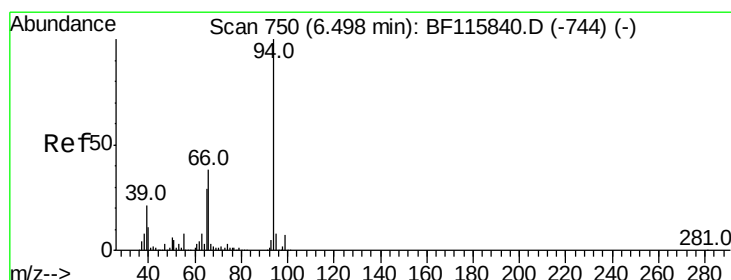
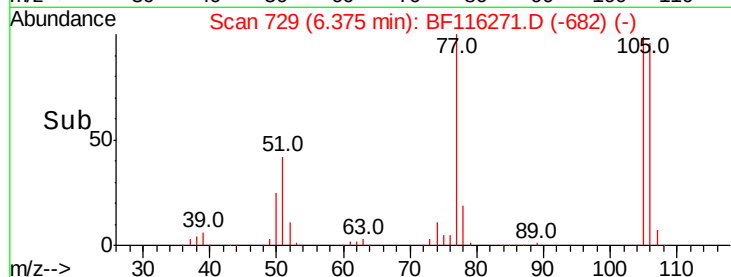
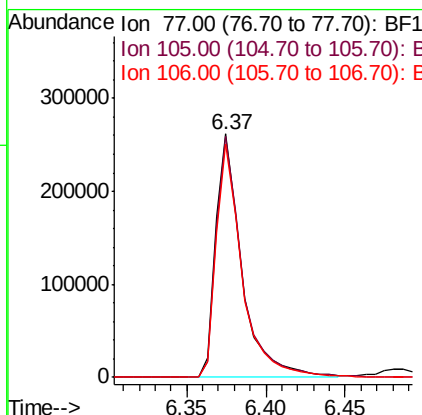
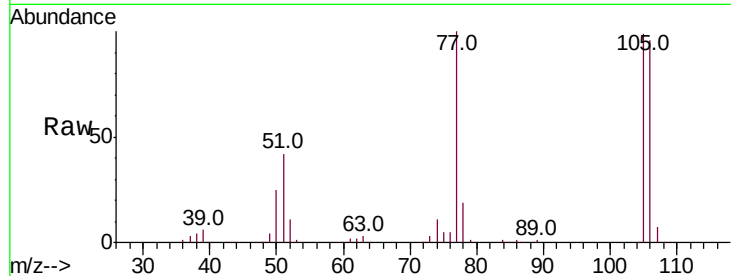
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	298290
Ion Ratio	Lower	Upper	
77	100		
105	99.0	79.2	119.2
106	95.6	74.3	114.3

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#10

Phenol

Concen: 41.486 ng

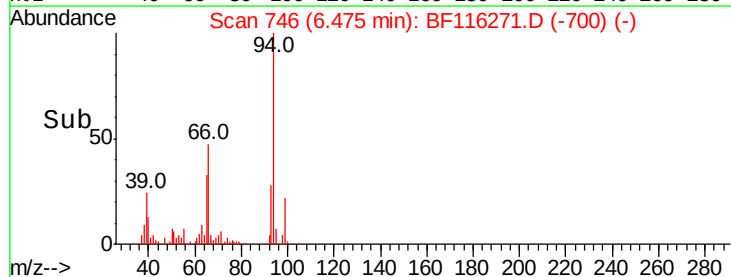
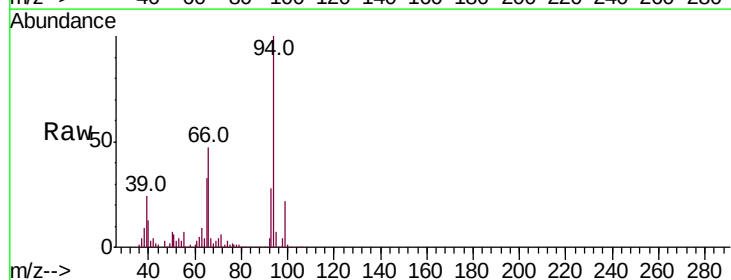
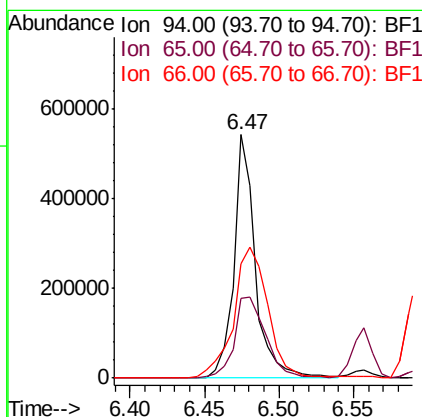
RT: 6.47 min Scan# 746

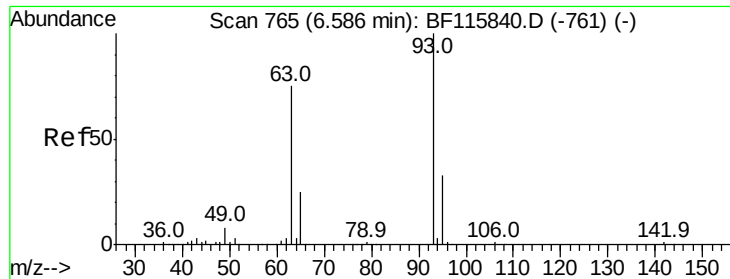
Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Tgt Ion:	94	Resp:	552538
Ion Ratio	Lower	Upper	
94	100		
65	32.8	16.8	56.8
66	46.8	34.2	74.2





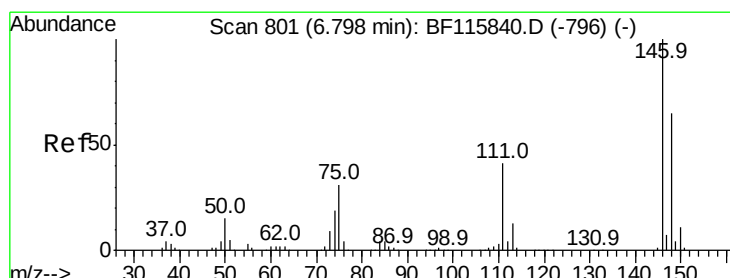
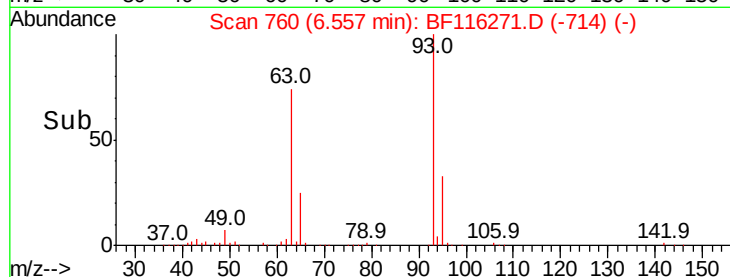
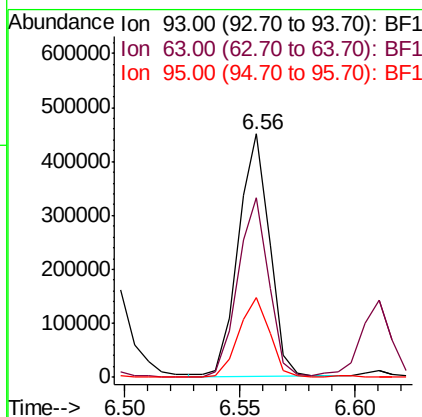
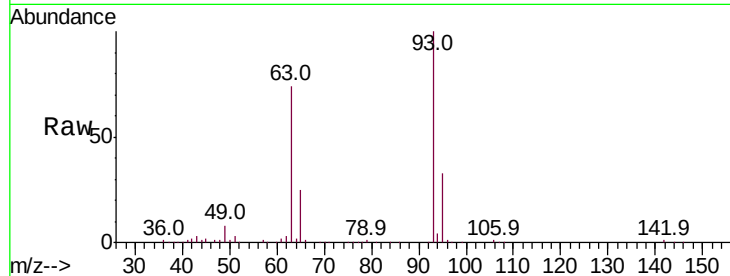
#11
bis(2-Chloroethyl)ether
Concen: 43.124 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.8	51.9	91.9
95	32.9	13.0	53.0

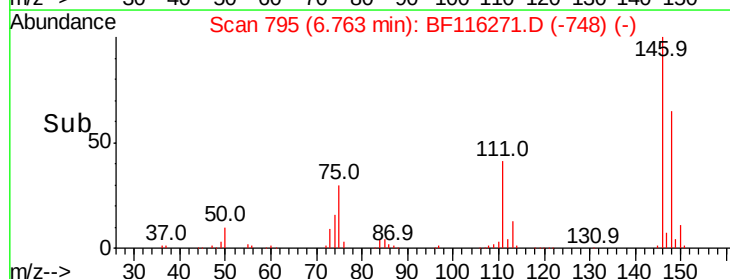
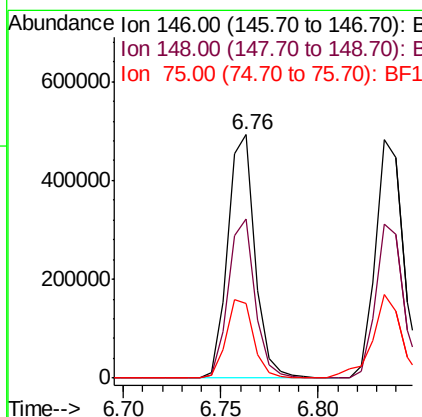
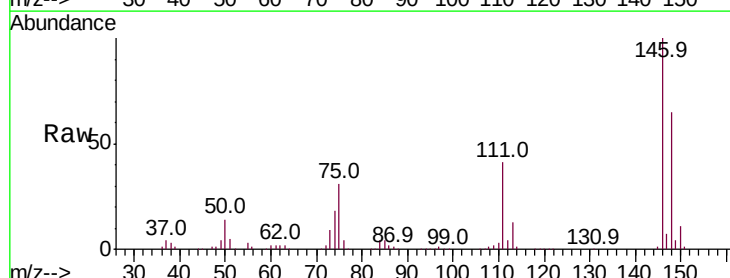
Manual Integrations
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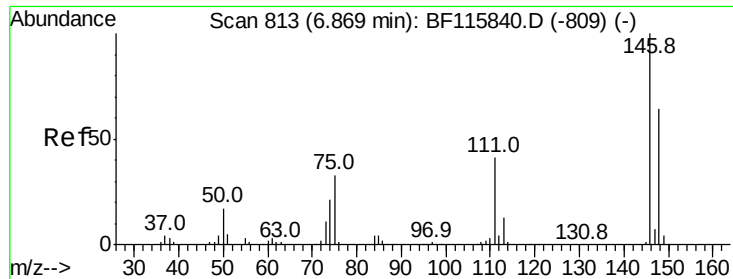
mohammad
8/20/2019 8:36:25 AM



#12
1,3-Dichlorobenzene
Concen: 41.713 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.3	76.9
75	30.9	27.4	41.2





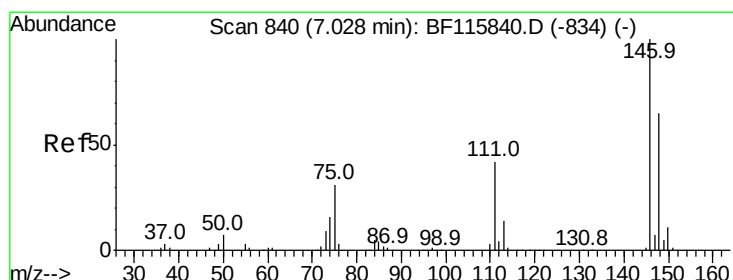
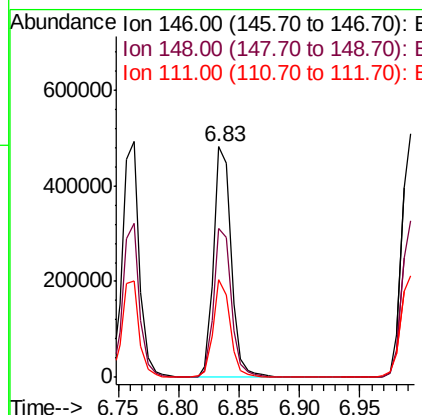
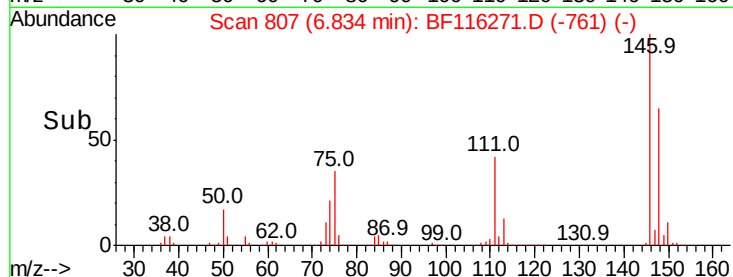
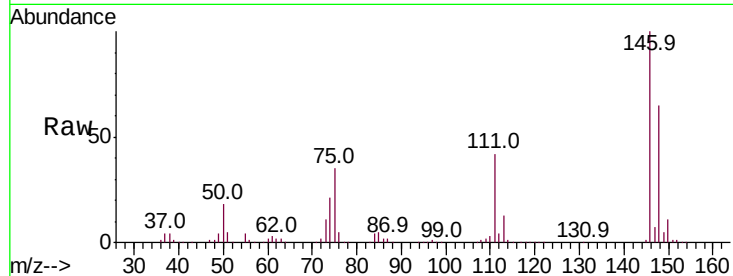
#13
 1,4-Dichlorobenzene
 Concen: 42.390 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF116271.D
 Acq: 15 Aug 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	42.5	34.0	51.0

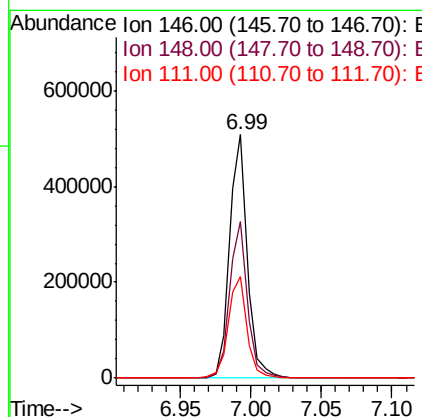
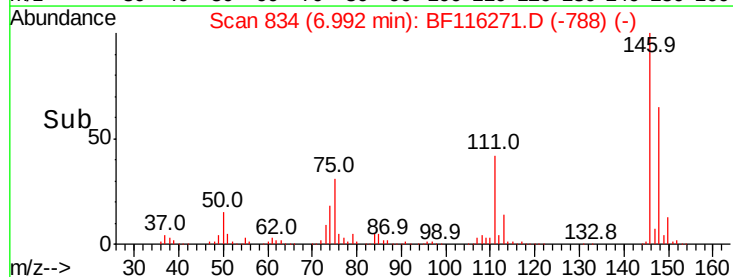
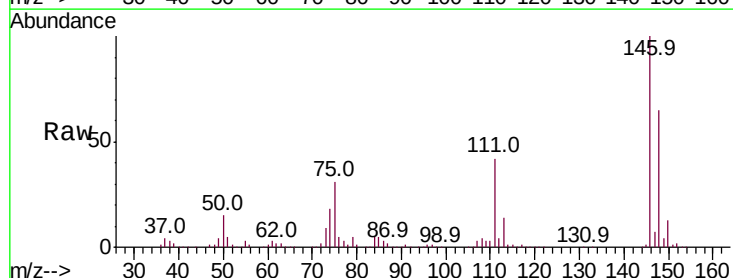
Manual Integrations
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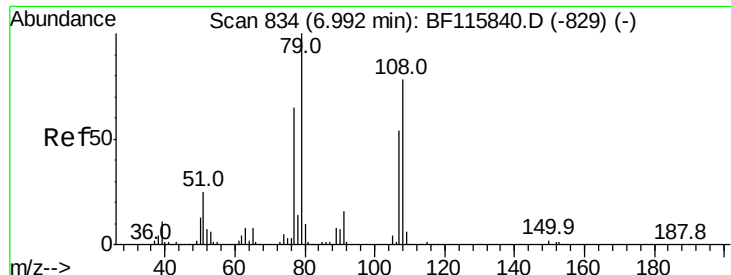
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.023 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF116271.D
 Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	41.9	33.5	50.3





#15

Benzyl Alcohol

Concen: 39.384 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

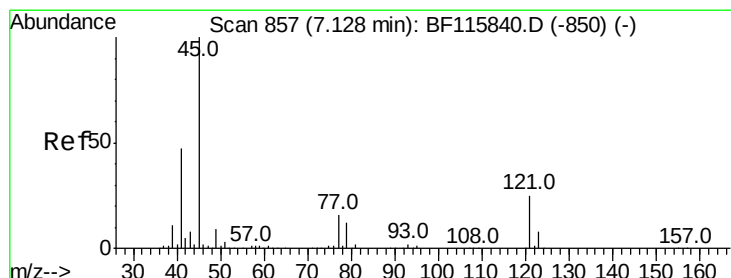
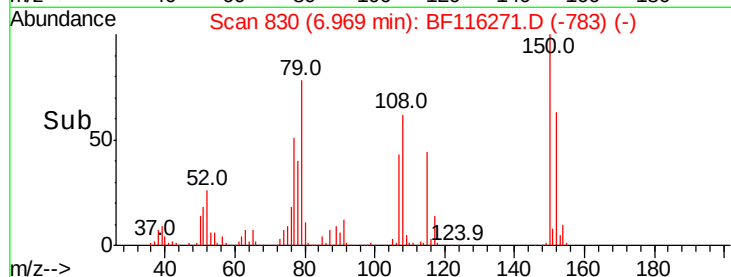
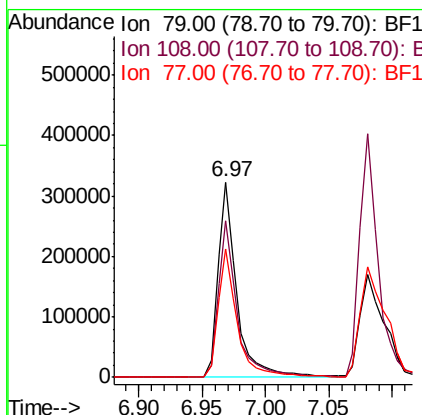
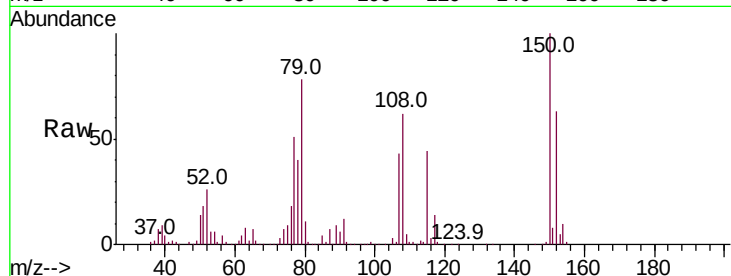
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	338041
Ion Ratio	Lower	Upper	
79	100		
108	80.2	62.7	94.1
77	65.9	52.2	78.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.192 ng

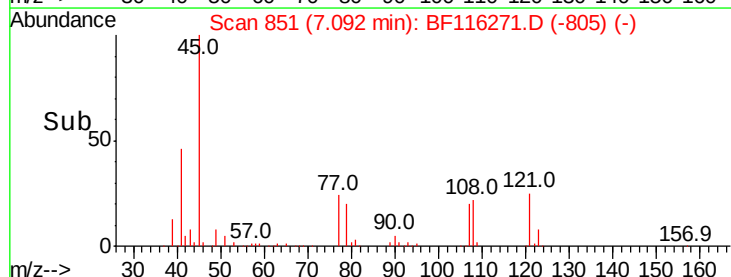
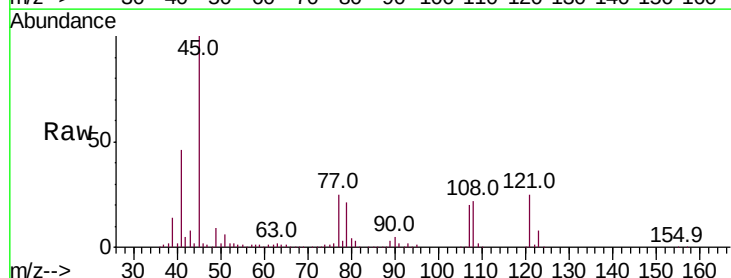
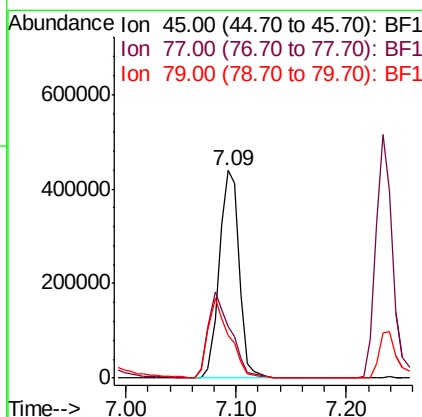
RT: 7.09 min Scan# 851

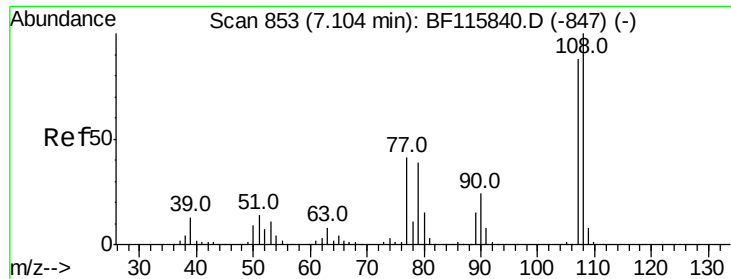
Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Tgt Ion:	45	Resp:	550171
Ion Ratio	Lower	Upper	
45	100		
77	25.0	0.0	40.0
79	20.8	0.0	35.9





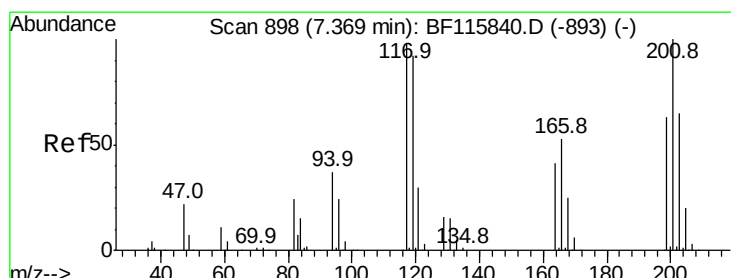
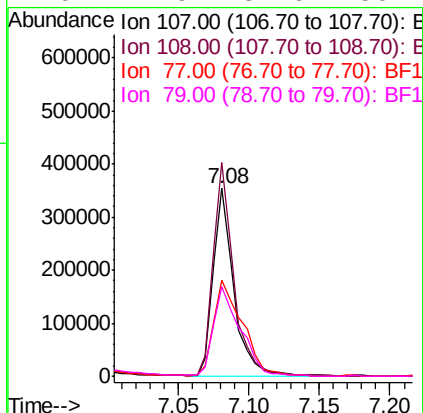
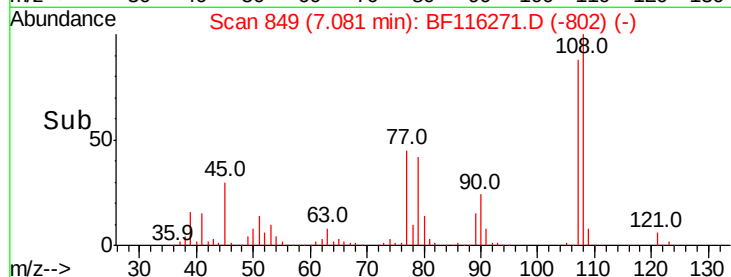
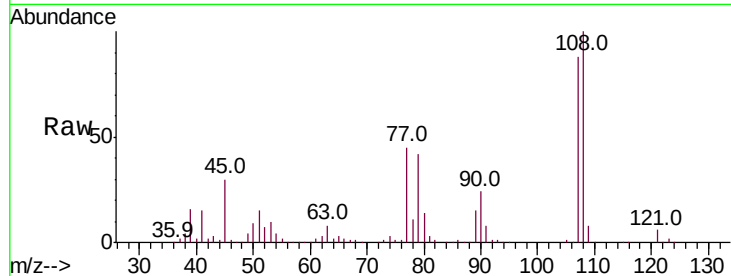
#17
2-Methylphenol
Concen: 42.308 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	355114		
108	108	113.6		91.2	136.8
77	77	51.4		40.3	60.5
79	79	47.9		37.6	56.4

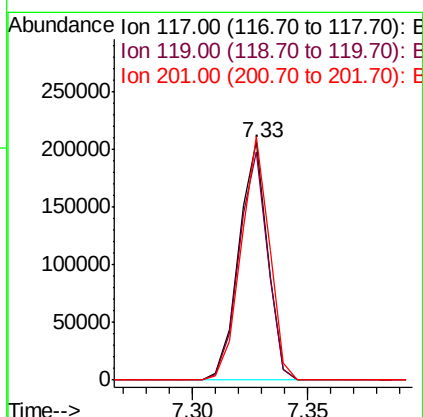
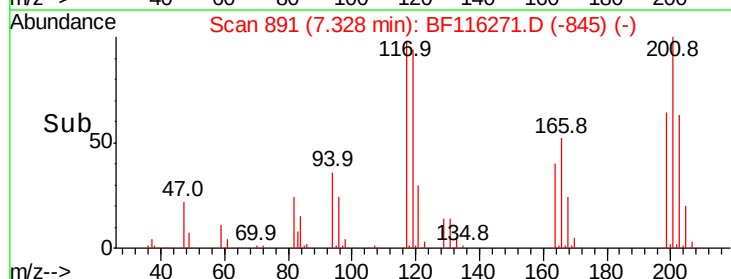
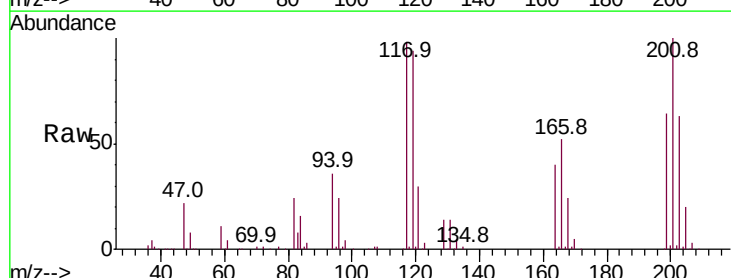
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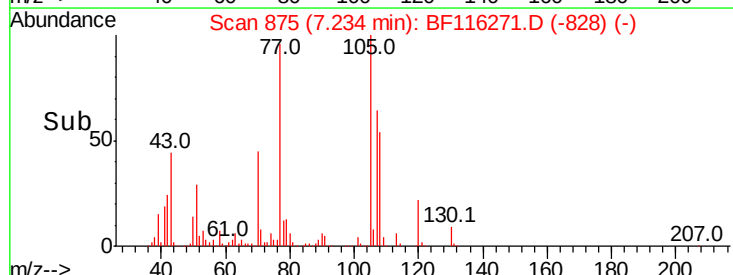
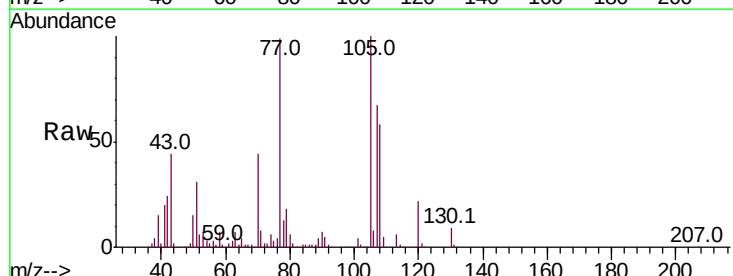
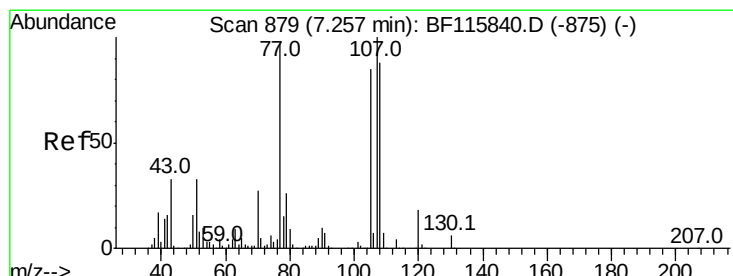
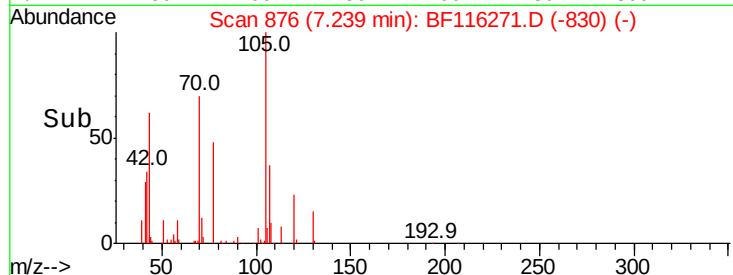
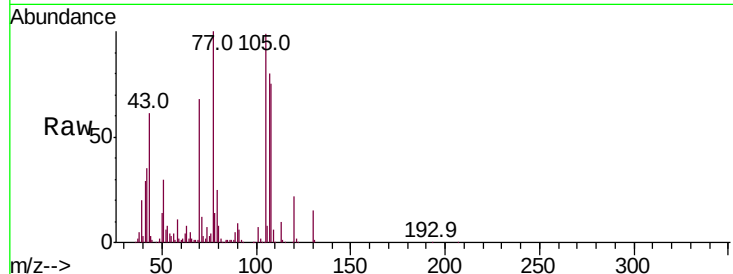
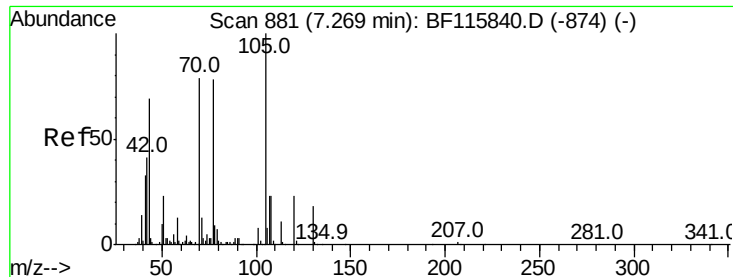
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#18
Hexachloroethane
Concen: 42.315 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	178707		
119	119	96.1		76.1	114.1
201	201	102.3		77.0	115.4





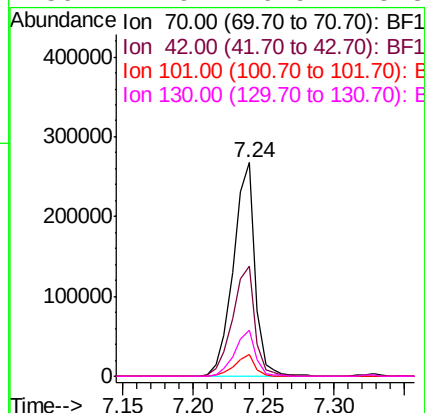
#19
n-Nitroso-di-n-propylamine
Concen: 40.844 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
286256	70	100			
	42	51.4		40.9	61.3
	101	10.3		7.9	11.9
	130	21.9		16.9	25.3

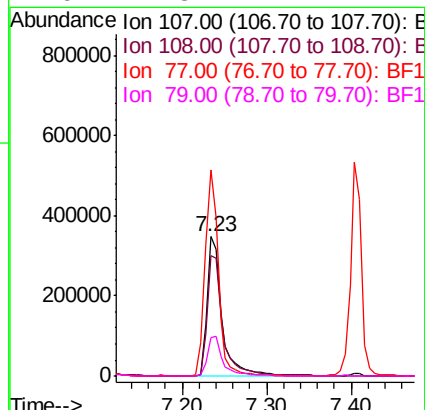
Manual Integrations
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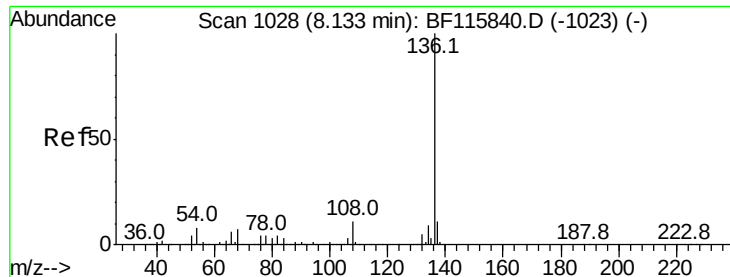
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#20
3+4-Methylphenols
Concen: 42.546 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
422601	107	100			
	108	86.4		67.6	107.6
	77	148.0		104.4	144.4#
	79	27.3		7.4	47.4





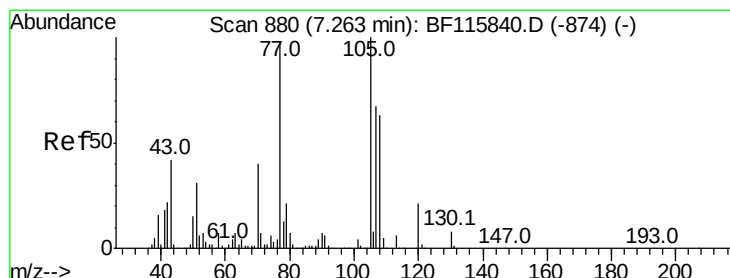
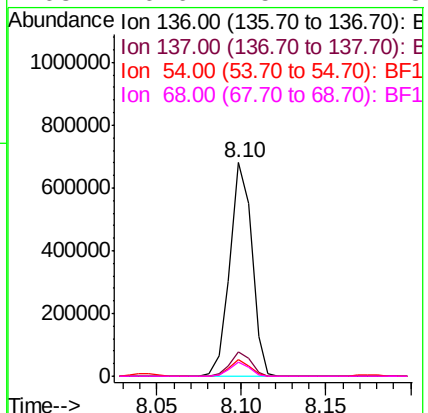
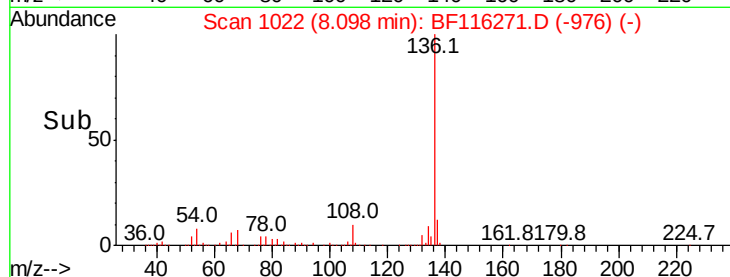
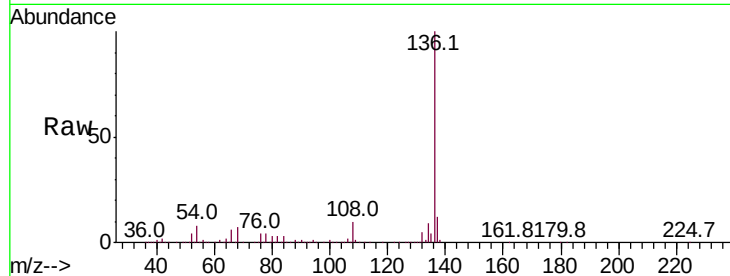
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	9.0	13.4	
54	7.5	5.8	8.6	
68	6.6	5.2	7.8	

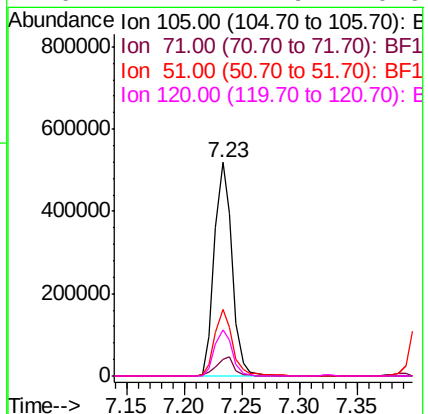
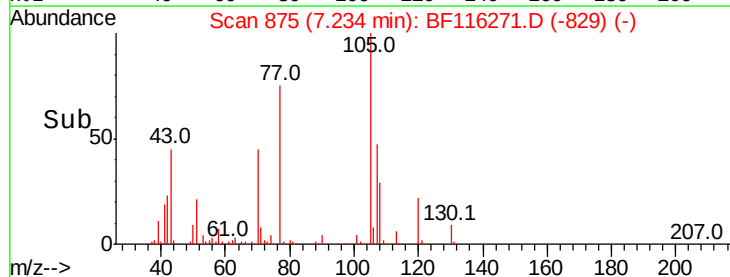
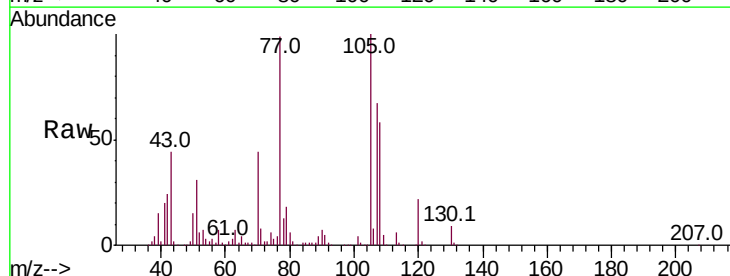
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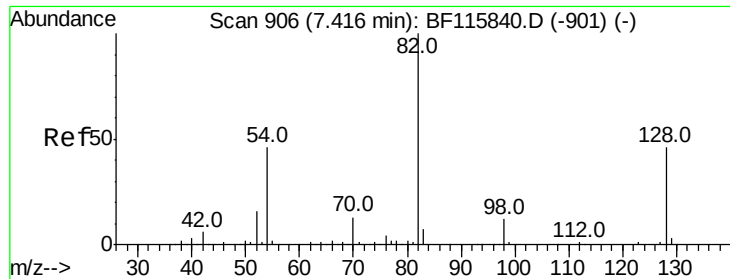
mohammad
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#22
Acetophenone
Concen: 40.745 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	5.9	8.9	
51	30.9	25.3	37.9	
120	21.7	17.9	26.9	





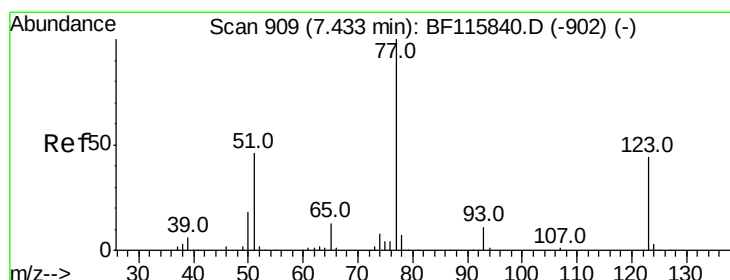
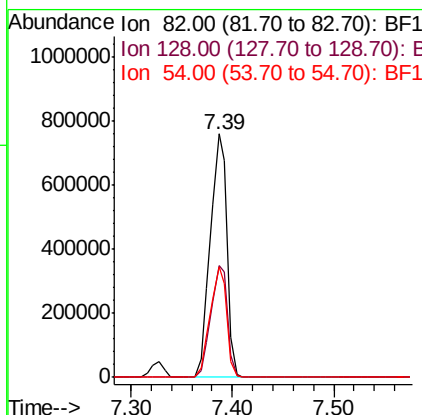
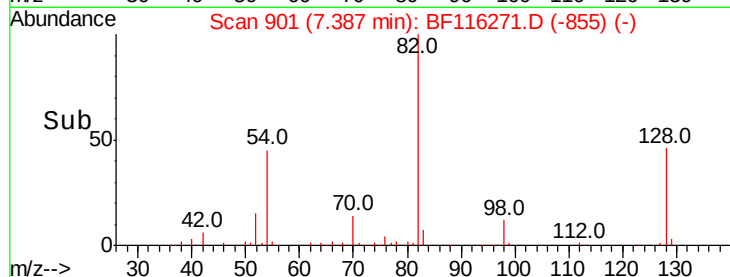
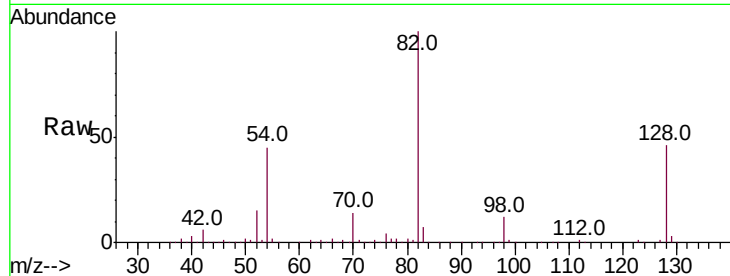
#23
Nitrobenzene-d5
Concen: 81.499 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.5	54.7
54	45.2	36.0	54.0

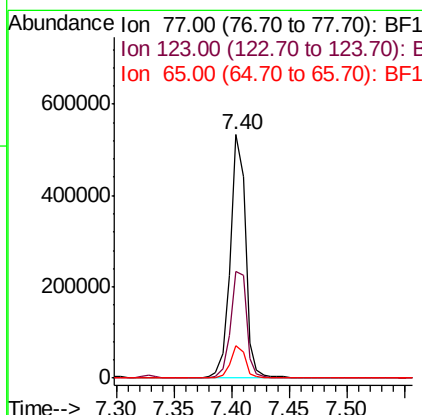
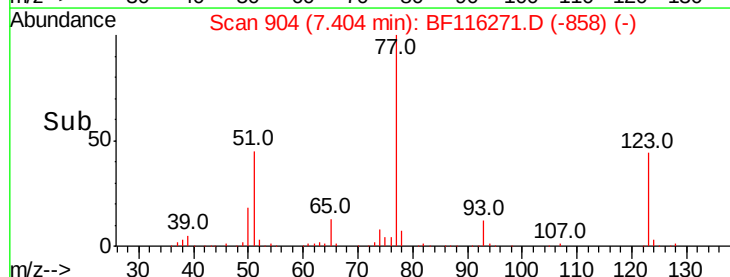
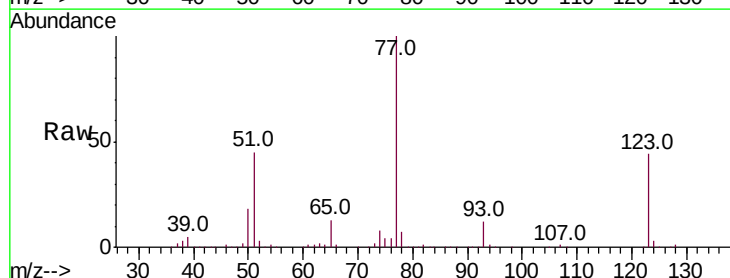
Manual Integrations
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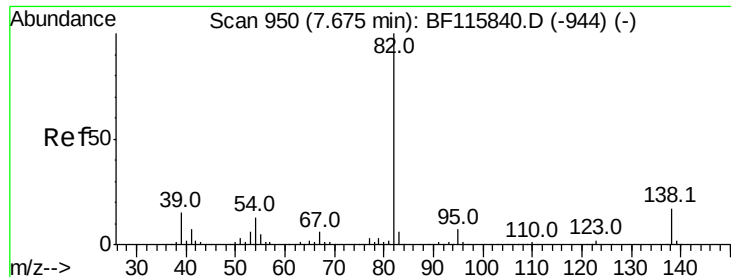
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#24
Nitrobenzene
Concen: 42.219 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	36.7	55.1
65	13.2	10.6	16.0





#25

Isophorone

Concen: 43.130 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

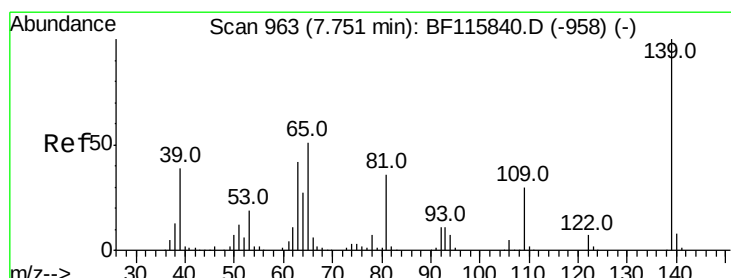
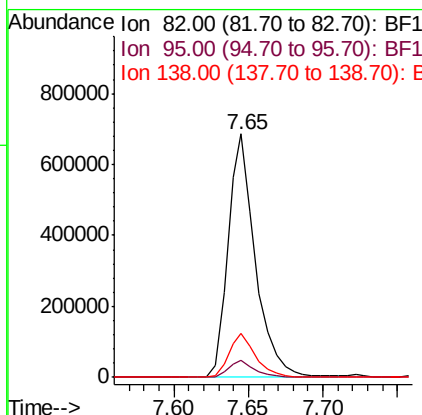
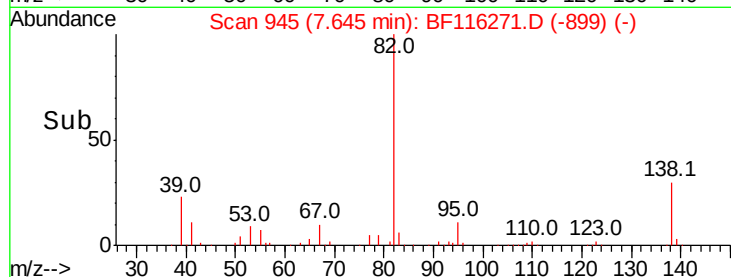
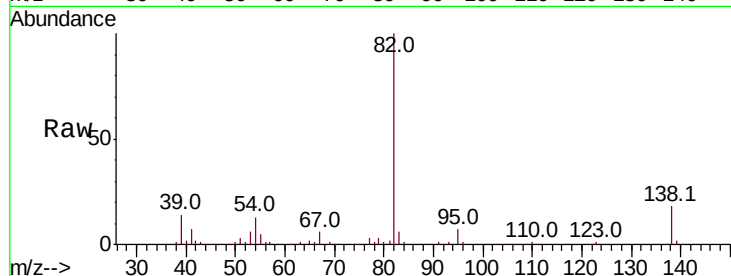
ClientSampleId :

SSTDCCC040

Tot Ion	82	Resp	880215
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.0
138	18.3	14.5	21.7

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#26

2-Nitrophenol

Concen: 44.042 ng

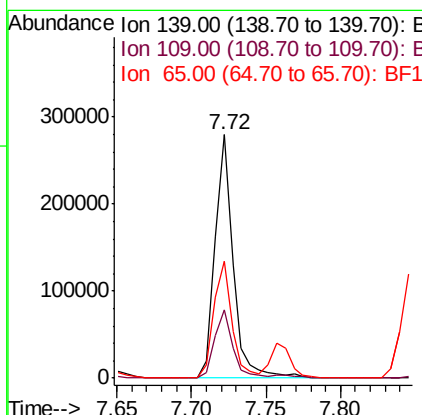
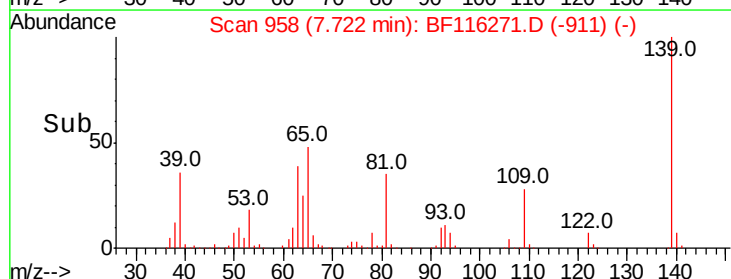
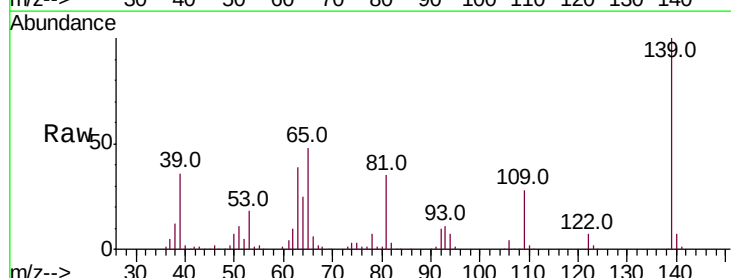
RT: 7.72 min Scan# 958

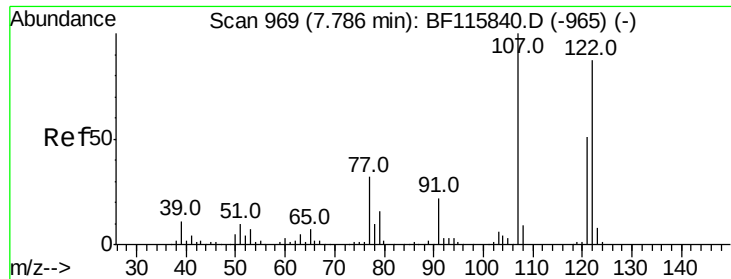
Delta R.T. -0.02 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Tgt Ion	139	Resp	239250
Ion Ratio	Lower	Upper	
139	100		
109	28.2	23.4	35.2
65	48.2	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 41.706 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

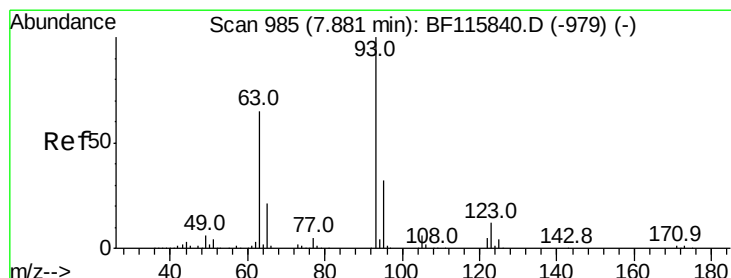
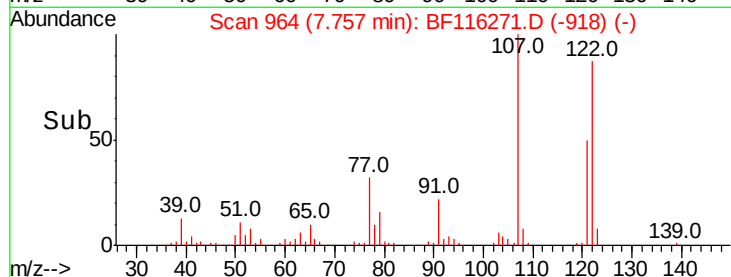
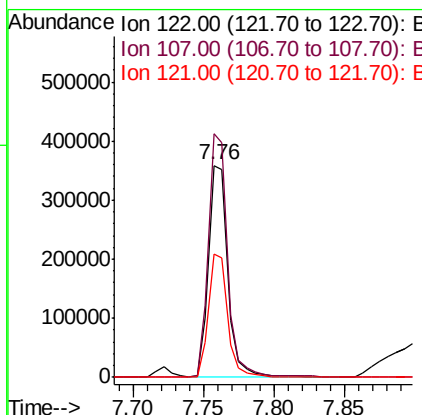
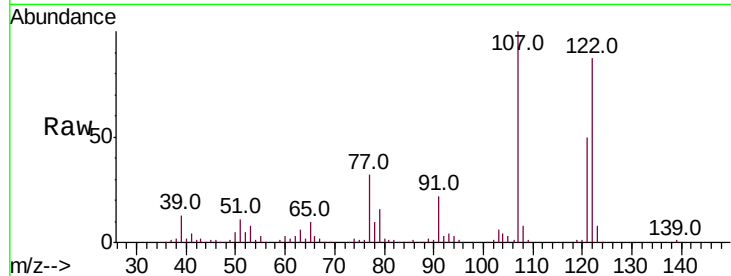
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	340861
Ion Ratio	Lower	Upper	
122	100		
107	114.9	93.0	139.6
121	58.0	47.6	71.4

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#28

bis(2-Chloroethoxy)methane

Concen: 43.011 ng

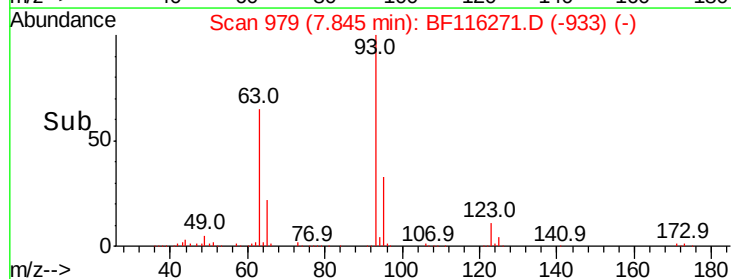
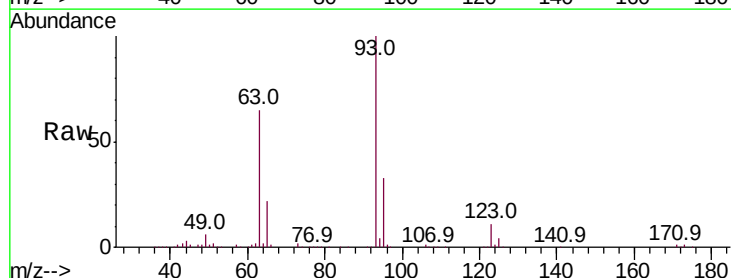
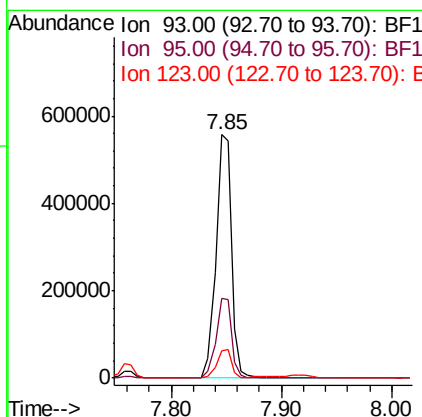
RT: 7.85 min Scan# 979

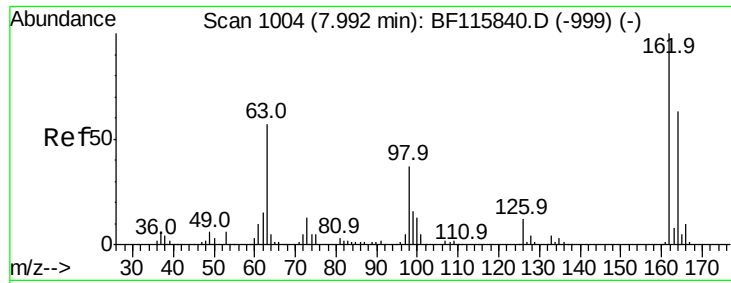
Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Tgt Ion:	93	Resp:	544065
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.2	39.4
123	11.0	9.2	13.8





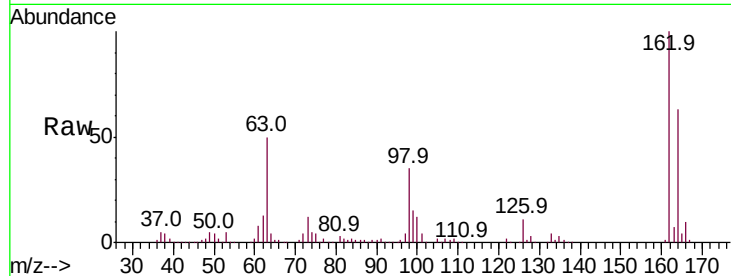
#29
2,4-Dichlorophenol
Concen: 44.014 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	379818		
164	62.9	45.1	85.1	
98	34.7	15.8	55.8	

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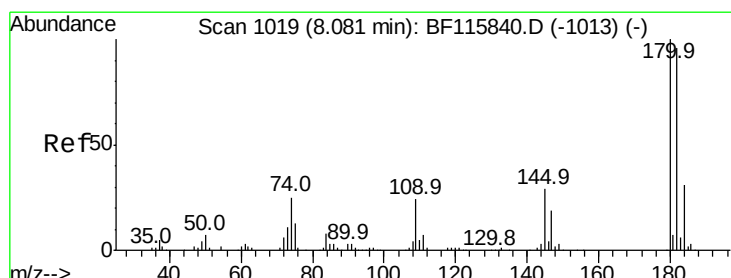
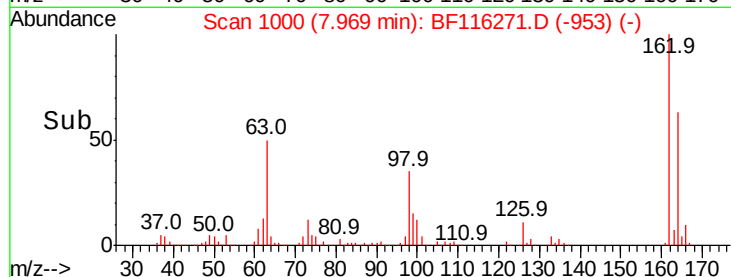
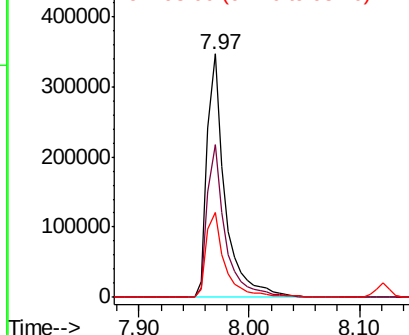


Abundance

Ion 162.00 (161.70 to 162.70): E

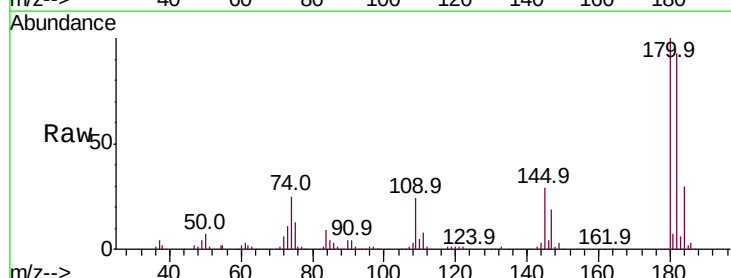
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.872 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	411888		
182	93.4	75.7	113.5	
145	29.2	24.3	36.5	

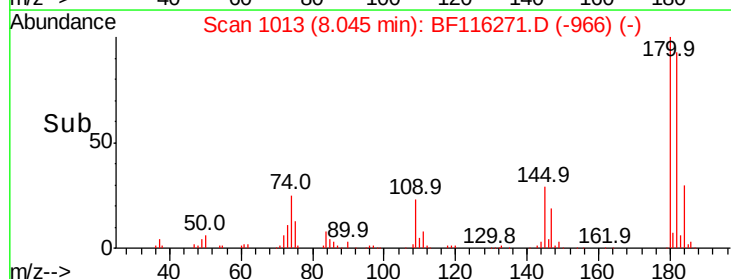
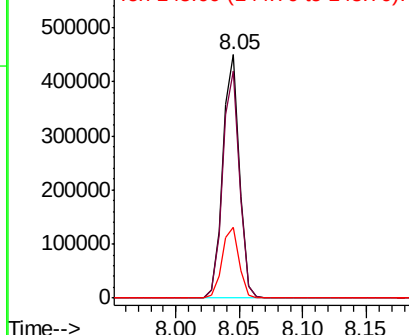


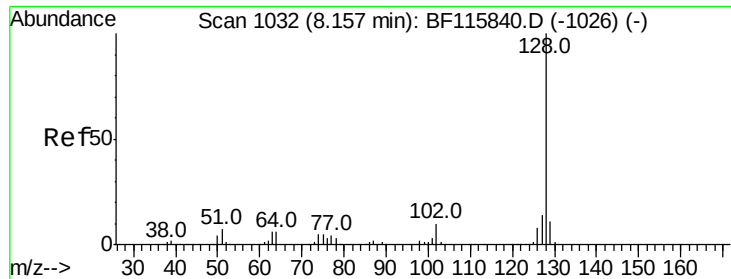
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





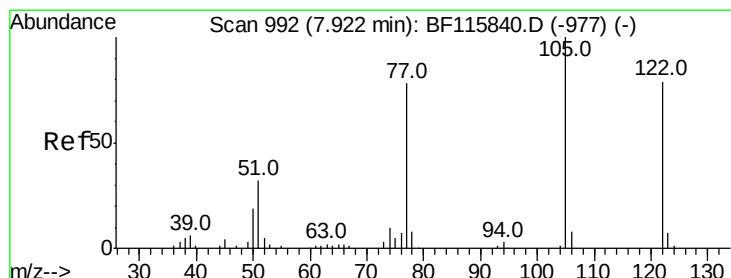
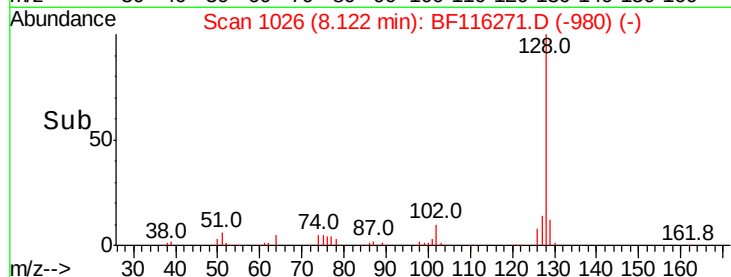
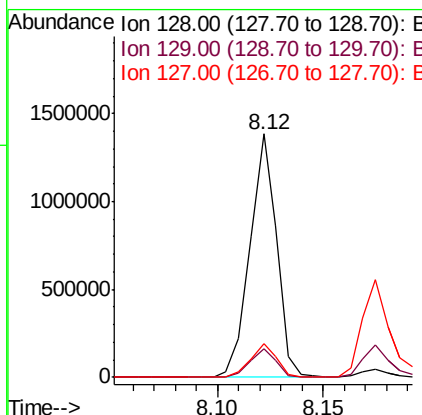
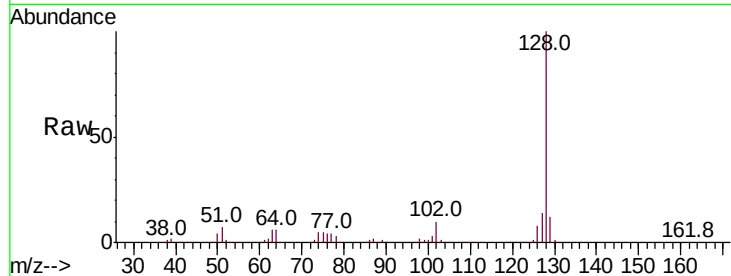
#31
Naphthalene
Concen: 42.070 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	14.0	11.4	17.0

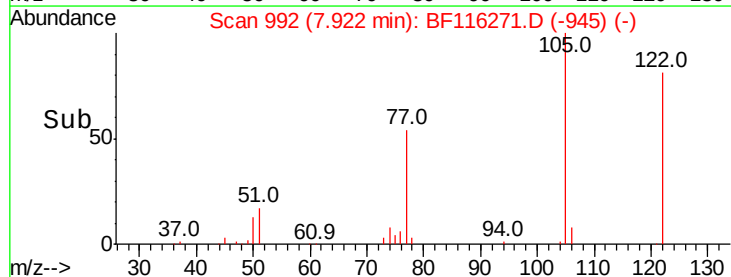
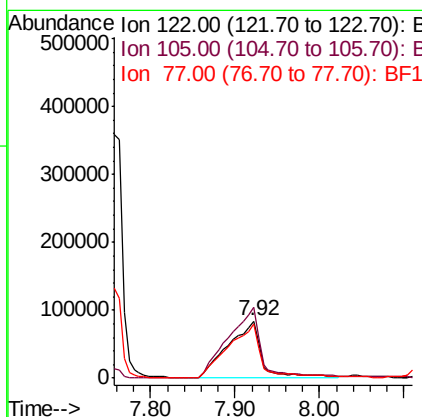
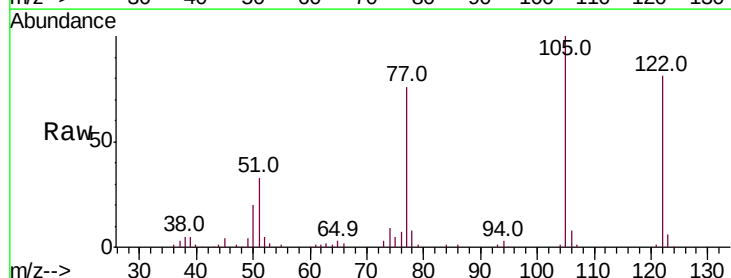
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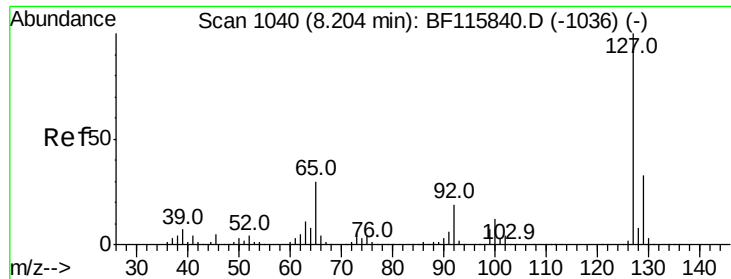
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#32
Benzoic acid
Concen: 38.874 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	106.1	146.1
77	94.7	76.7	116.7





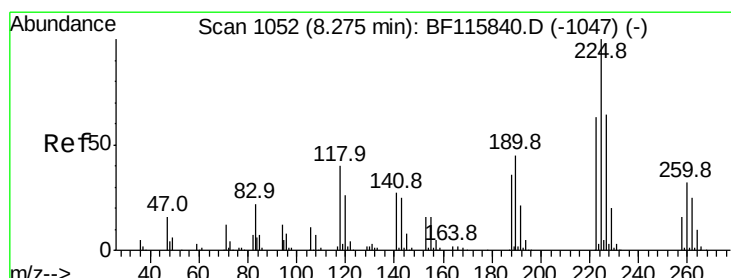
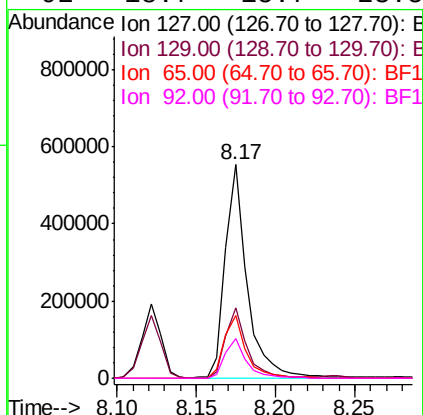
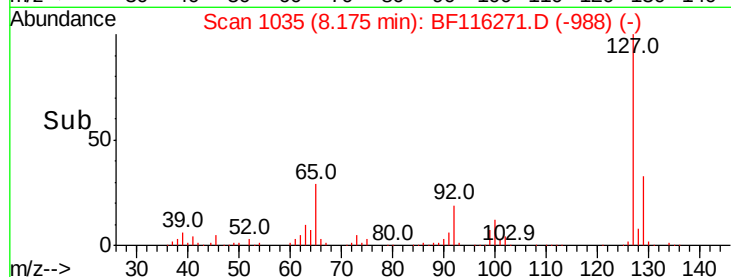
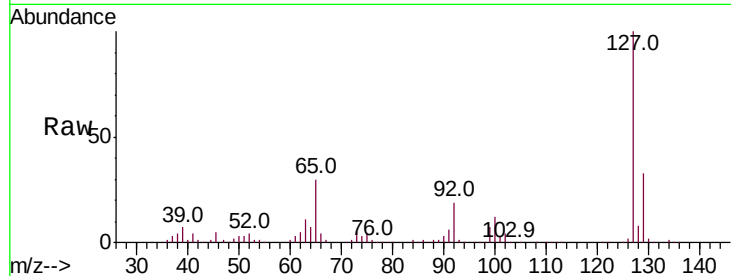
#33
4-Chloroaniline
Concen: 40.407 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.1	39.1		
65	29.6	24.9	37.3		
92	18.7	15.7	23.5		

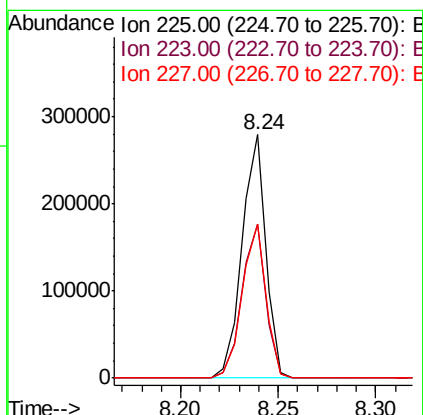
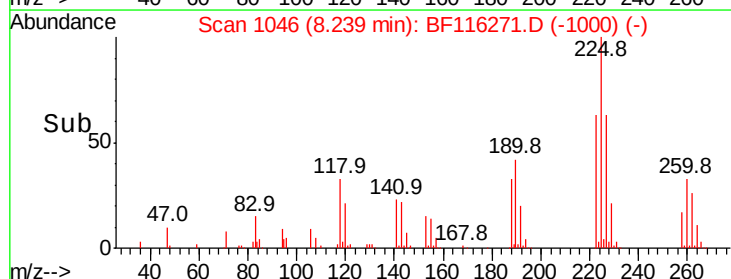
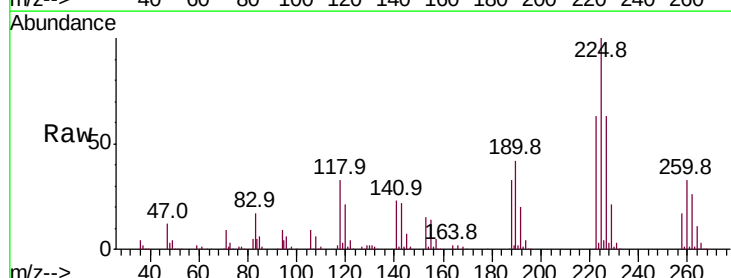
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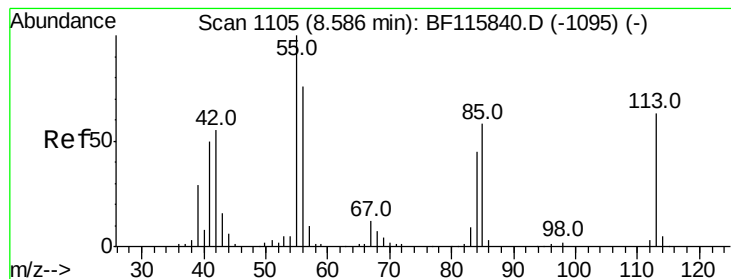
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#34
Hexachlorobutadiene
Concen: 41.506 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.0	75.0		
227	63.2	51.0	76.4		





#35

Caprolactam

Concen: 43.495 ng/ml

RT: 8.56 min Scan# 1100

Delta R.T. -0.04 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

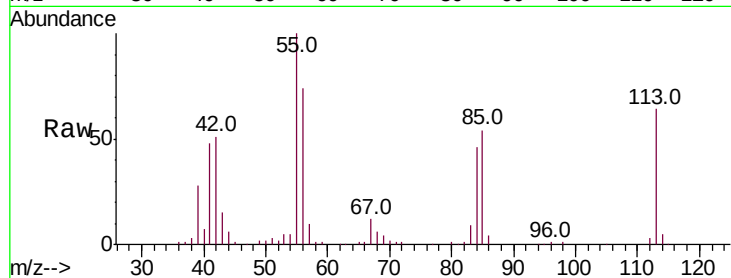
ClientSampleId :

SSTDCCC040

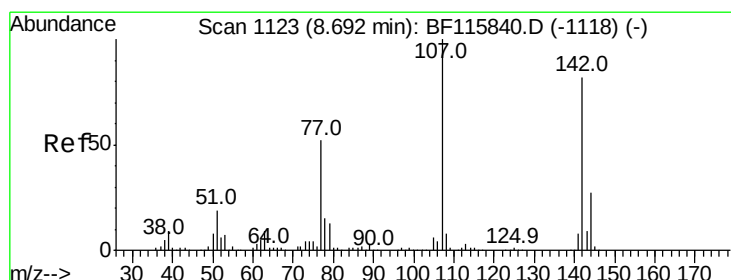
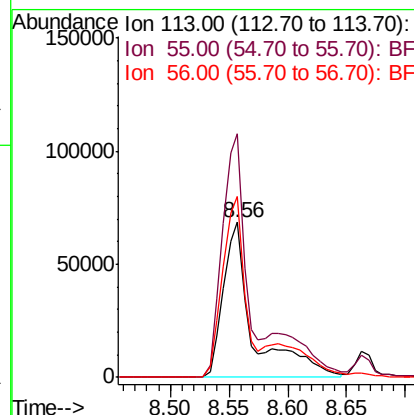
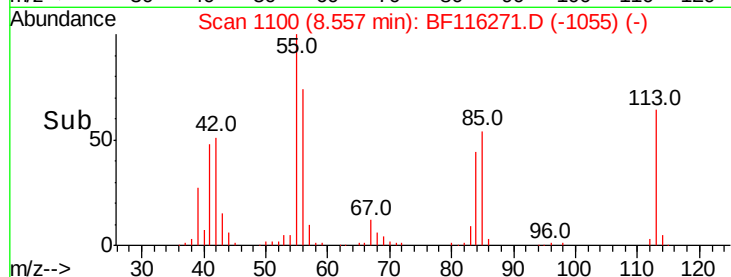
Tot Ion:	113	Resp:	121393
Ion Ratio	Lower	Upper	
113	100		
55	157.1	144.3	184.3
56	116.5	97.1	137.1

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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: 43.969 ng/ml

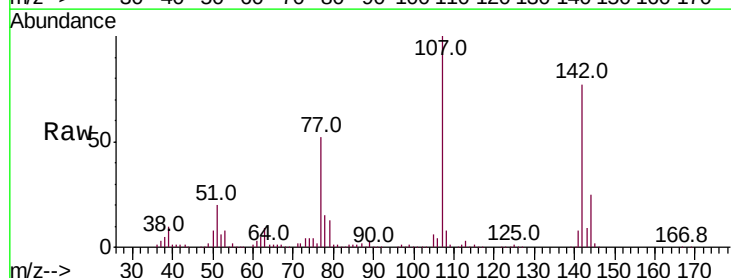
RT: 8.66 min Scan# 1118

Delta R.T. -0.02 min

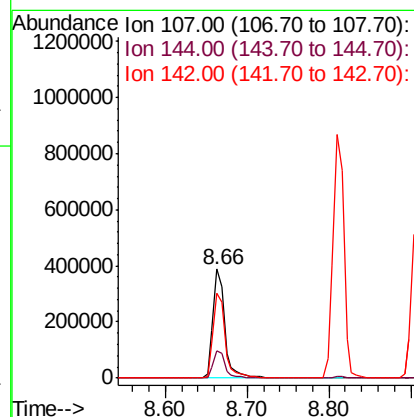
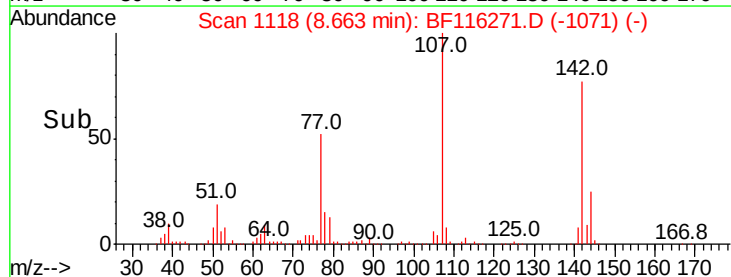
Lab File: BF116271.D

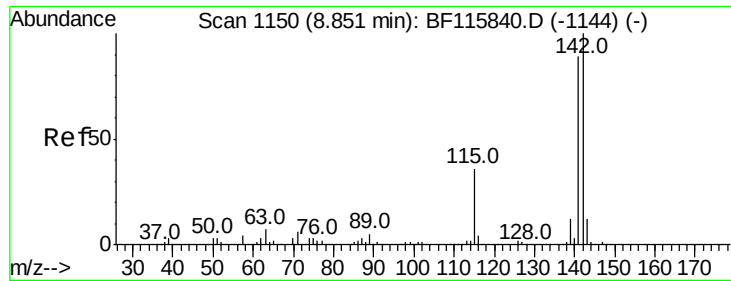
Acq: 15 Aug 2019 11:32

Tgt Ion:	107	Resp:	394729
Ion Ratio	Lower	Upper	
107	100		
144	24.9	20.2	30.2
142	77.5	61.7	92.5



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





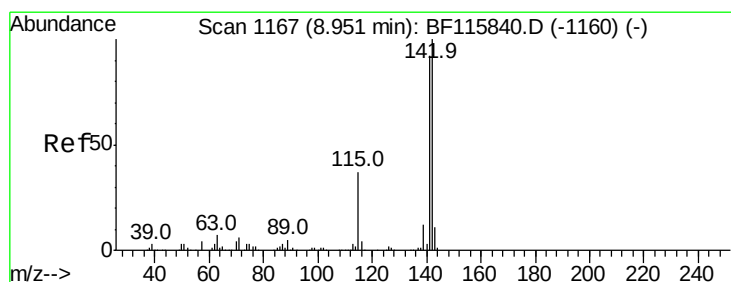
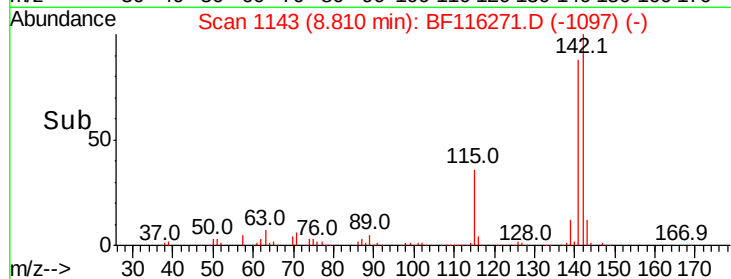
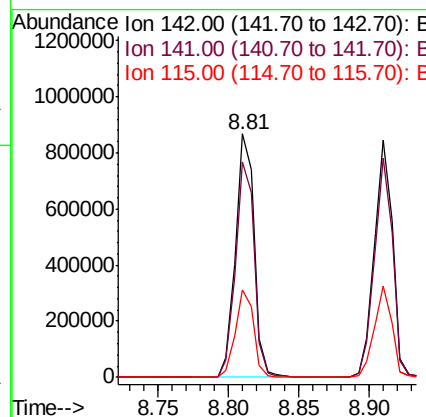
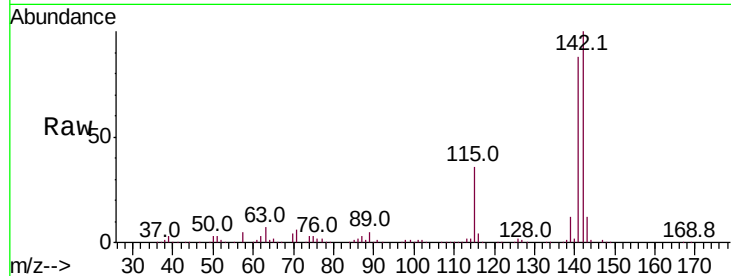
#37
2-Methylnaphthalene
Concen: 41.806 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.9	106.3
115	35.7	29.0	43.6

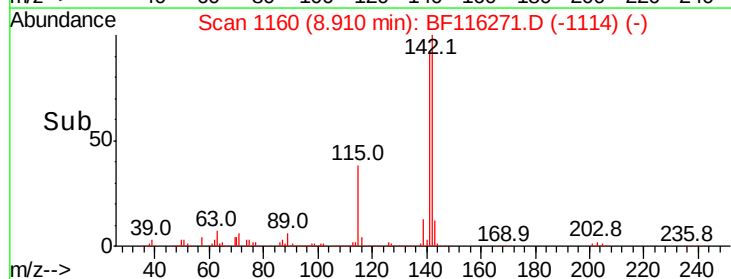
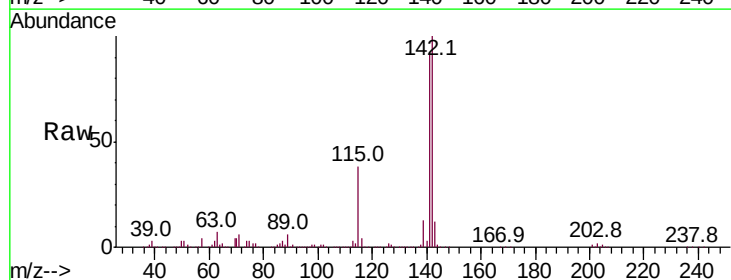
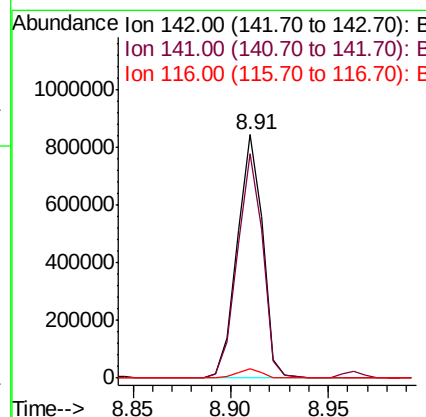
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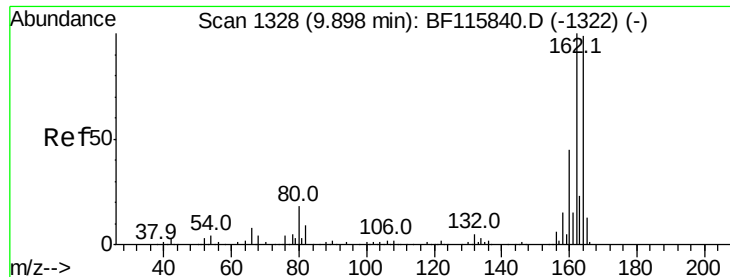
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#38
1-Methylnaphthalene
Concen: 41.961 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.4	111.6
116	4.0	3.1	4.7





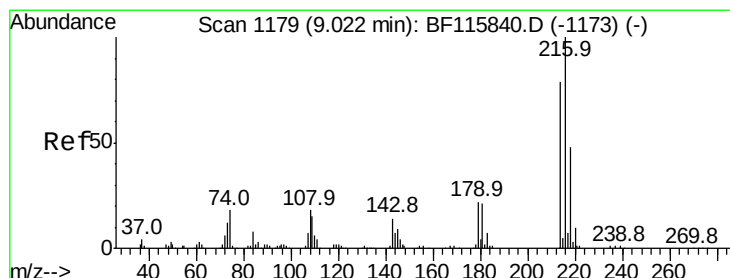
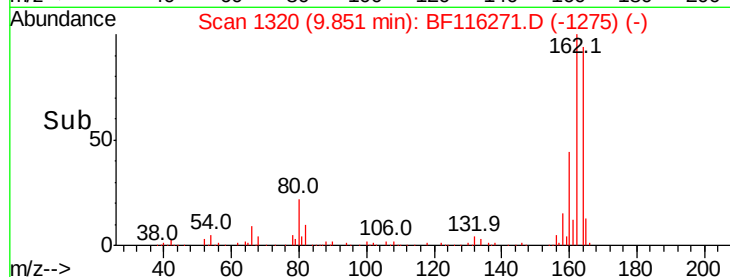
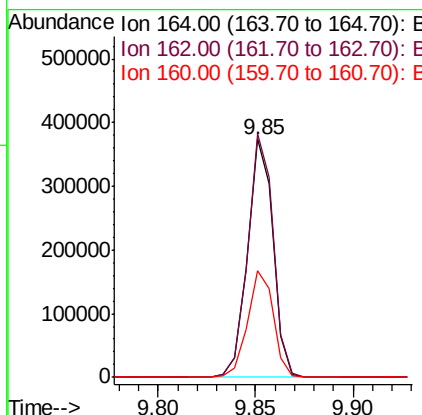
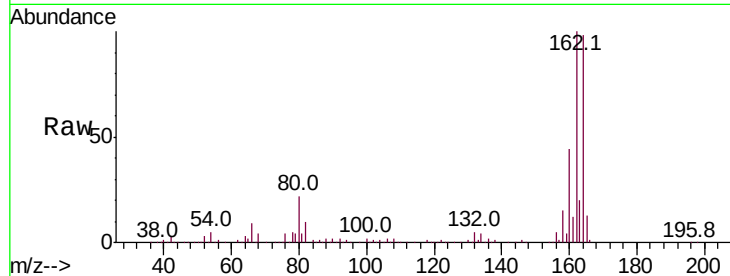
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116271.D
 Acq: 15 Aug 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	124.0
160	45.0	37.6	56.4

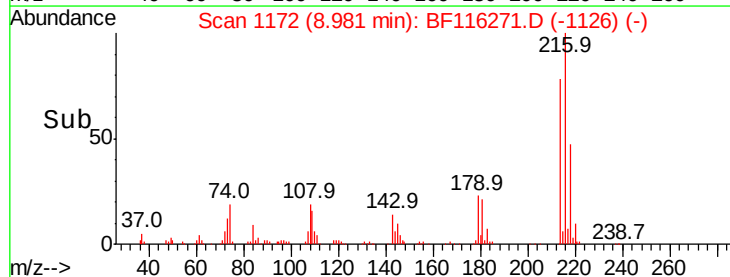
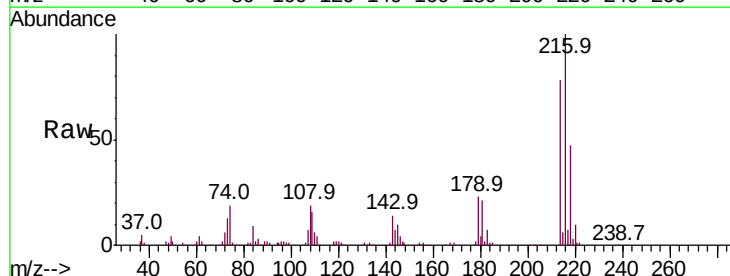
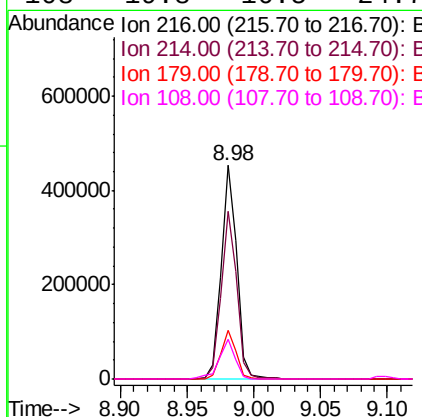
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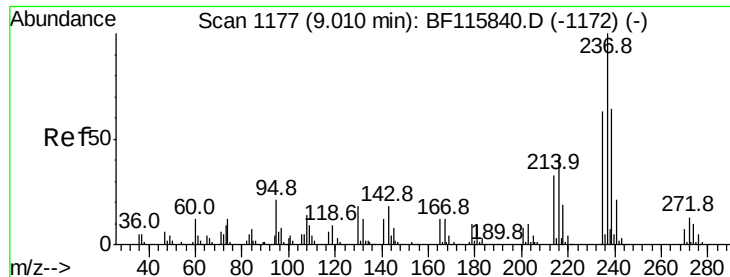
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.522 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.03 min
 Lab File: BF116271.D
 Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.6	95.4
179	22.3	17.8	26.8
108	19.8	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 36.139 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

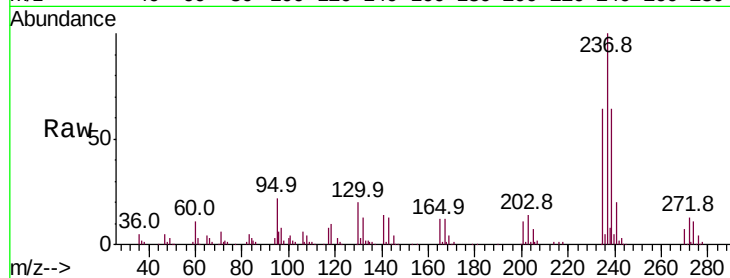
ClientSampleId :

SSTDCCC040

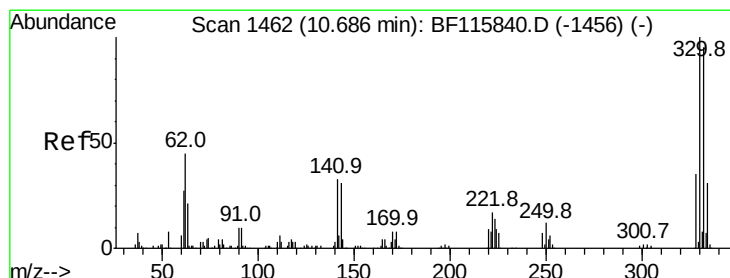
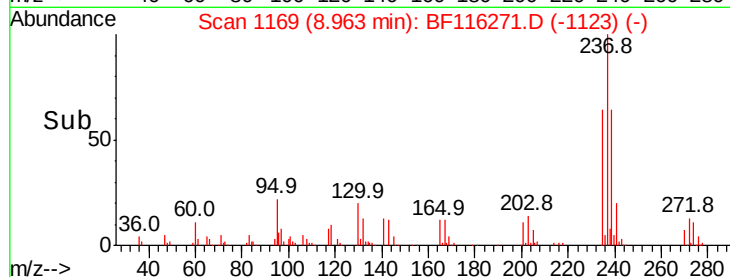
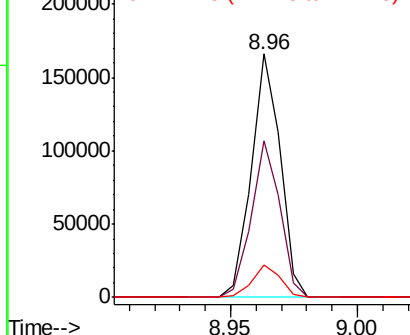
Tot Ion	Ratio	Resp	Lower	Upper
237	100	132061		
235	64.3	43.4	83.4	
272	13.3	0.0	33.2	

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.468 ng

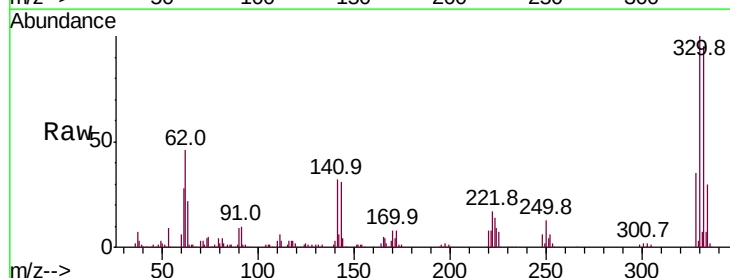
RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

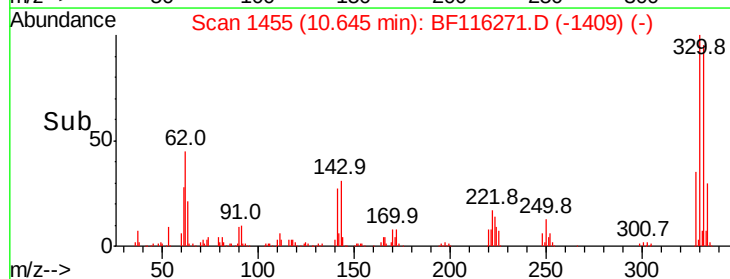
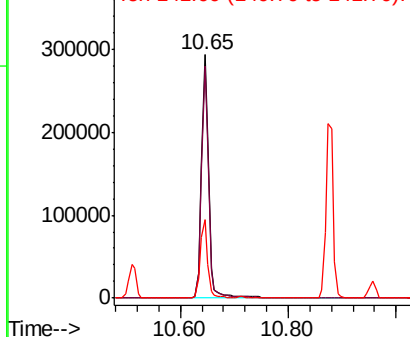
Lab File: BF116271.D

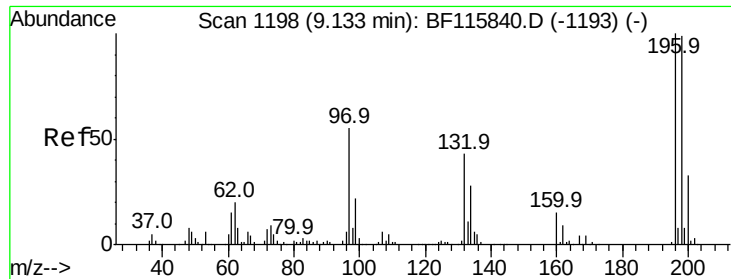
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	276144		
332	92.9	76.8	115.2	
141	32.3	26.3	39.5	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





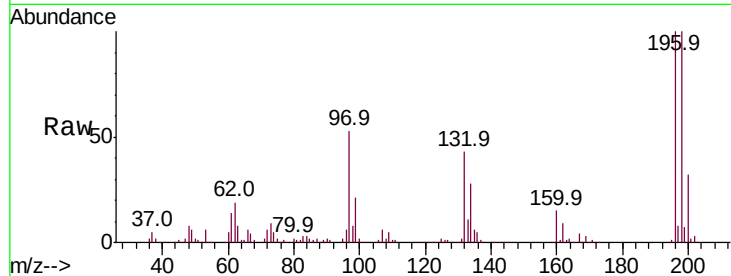
#43
 2,4,6-Trichlorophenol
 Concen: 39.205 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF116271.D
 Acq: 15 Aug 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	243260		
198	99.6	79.2	118.8	
200	32.2	25.2	37.8	

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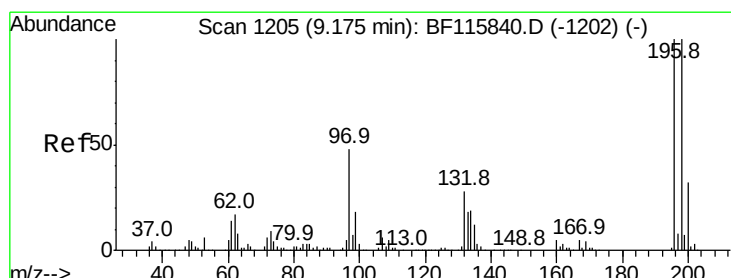
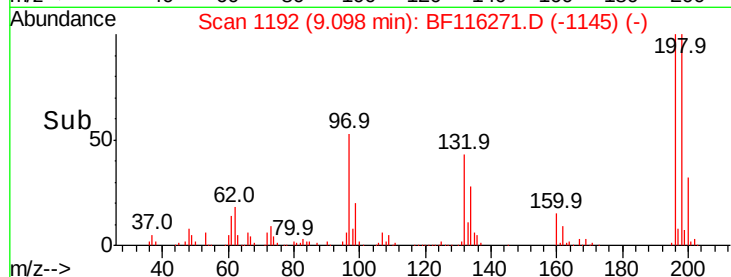
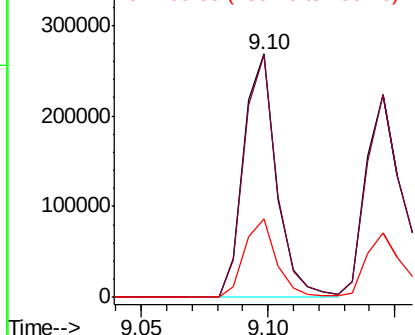


Abundance

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: 39.756 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116271.D
 Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	254995		
198	99.8	78.8	118.2	
97	49.2	42.2	63.4	
132	28.3	24.0	36.0	

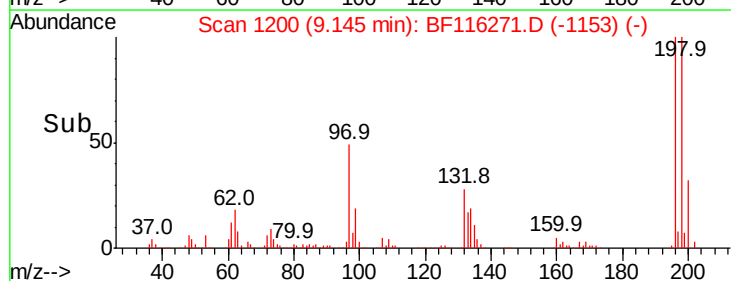
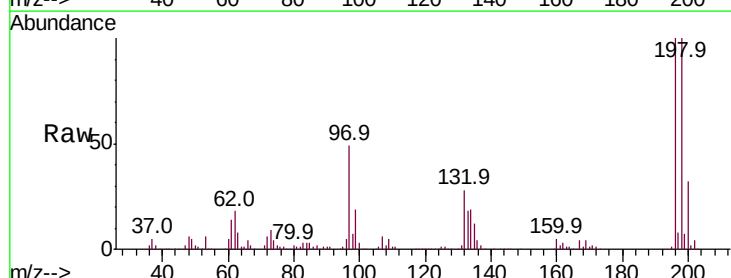
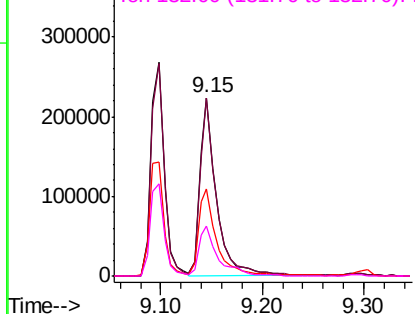
Abundance

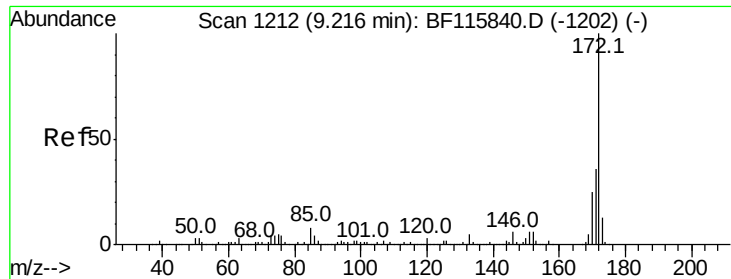
Ion 196.00 (195.70 to 196.70): E

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





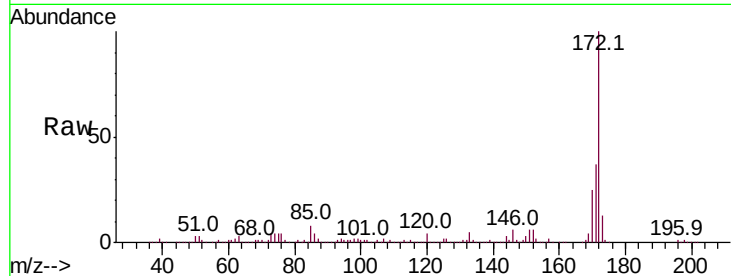
#45
2-Fluorobiphenyl
Concen: 77.774 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	25.3	20.1	30.1

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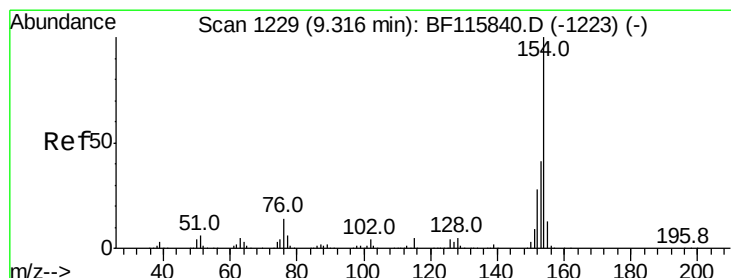
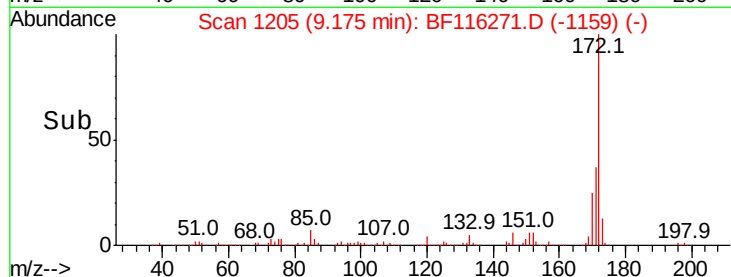
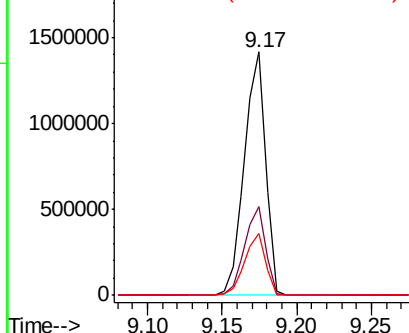


Abundance

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: 40.846 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

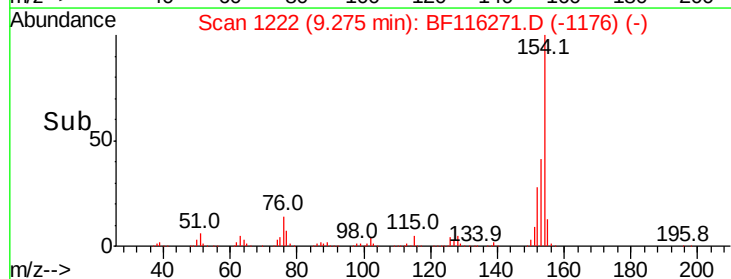
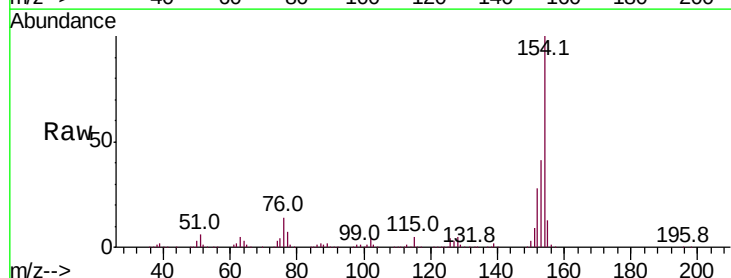
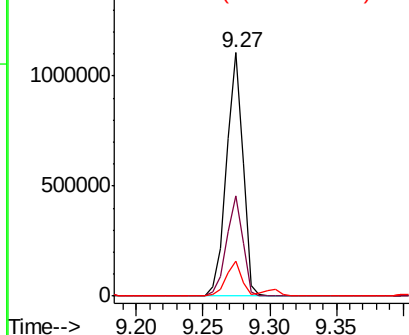
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.4	61.4
76	14.2	0.0	35.2

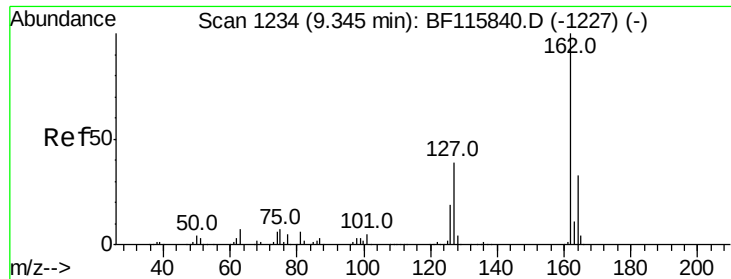
Abundance

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





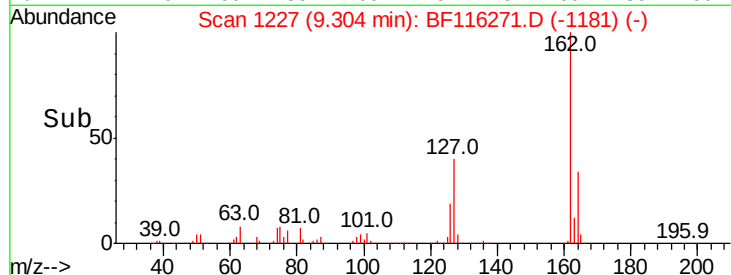
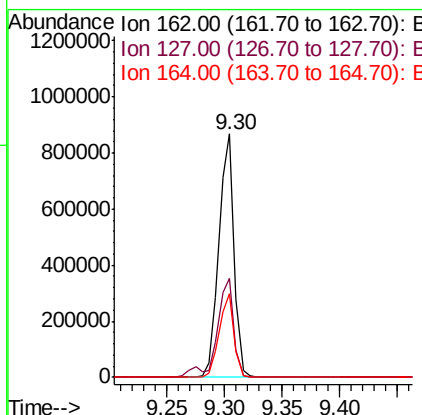
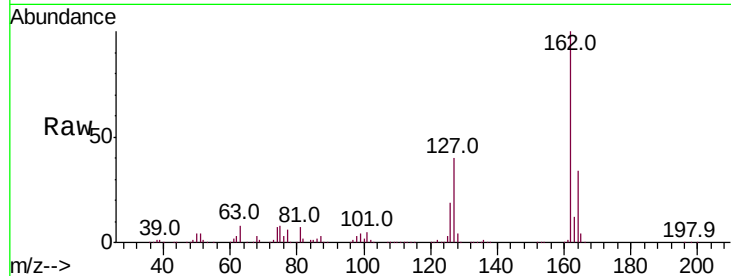
#47
 2-Chloronaphthalene
 Concen: 39.967 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.03 min
 Lab File: BF116271.D
 Acq: 15 Aug 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	791891		
127	40.4	32.8	49.2	
164	34.2	26.6	39.8	

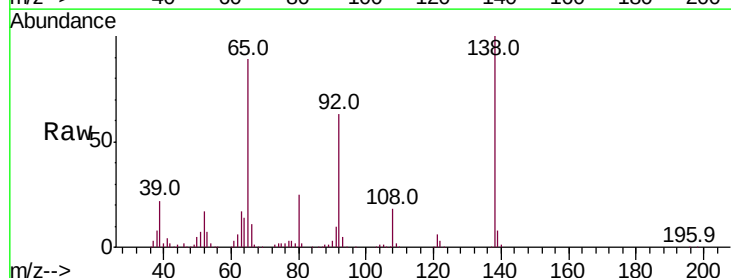
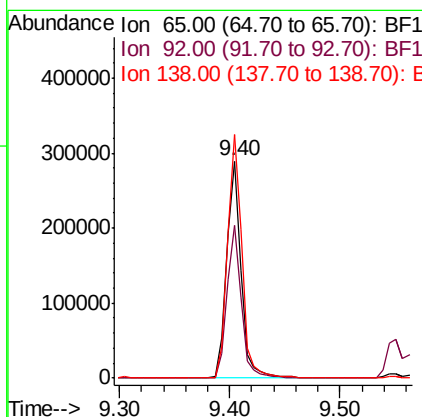
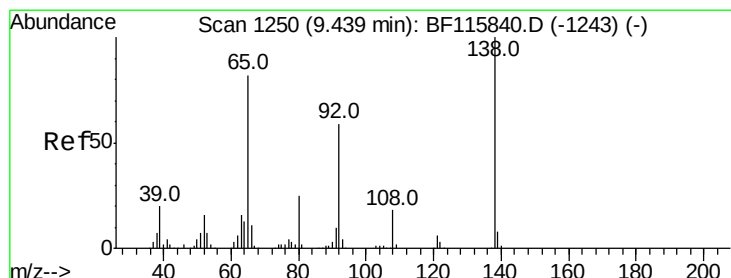
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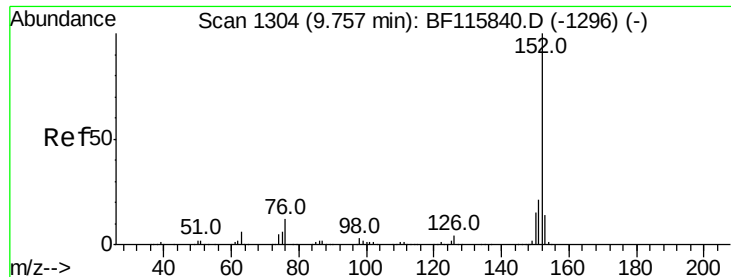
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#48
 2-Nitroaniline
 Concen: 40.686 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF116271.D
 Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	266457		
92	70.3	57.8	86.8	
138	112.2	94.0	141.0	





#49

Acenaphthylene

Concen: 40.594 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1173409

Ion Ratio Lower Upper

152 100

151 21.7 17.2 25.8

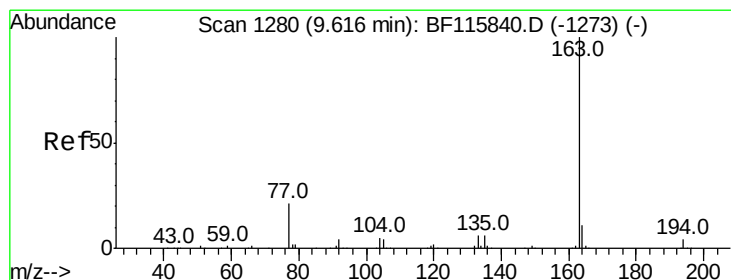
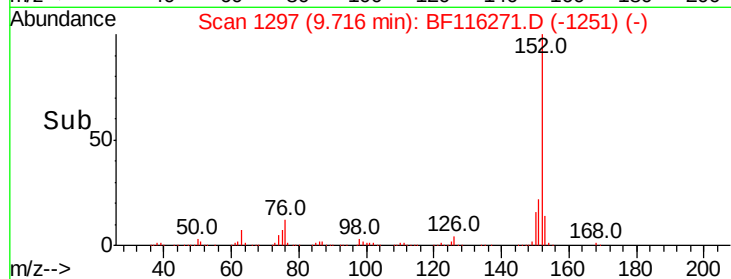
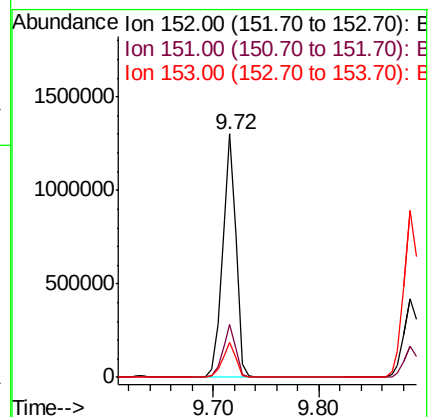
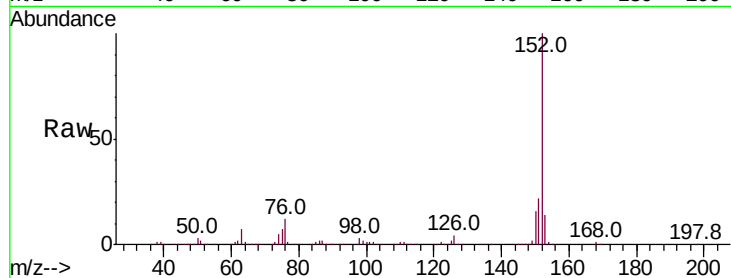
153 14.2 11.8 17.8

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#50

Dimethylphthalate

Concen: 41.318 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

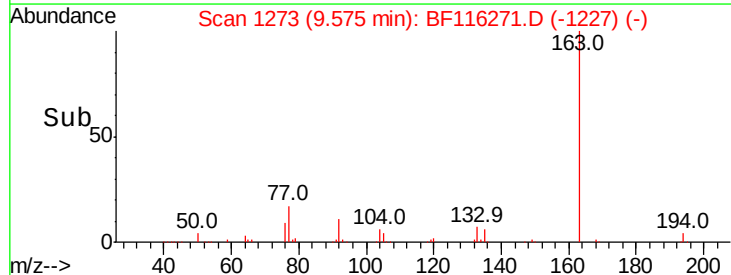
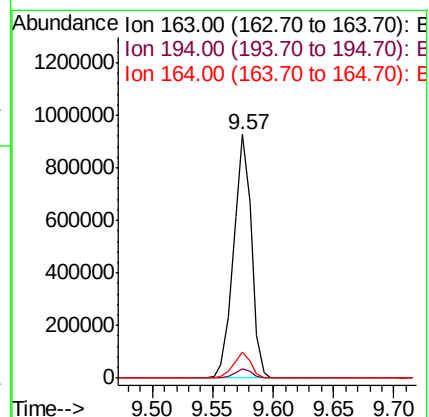
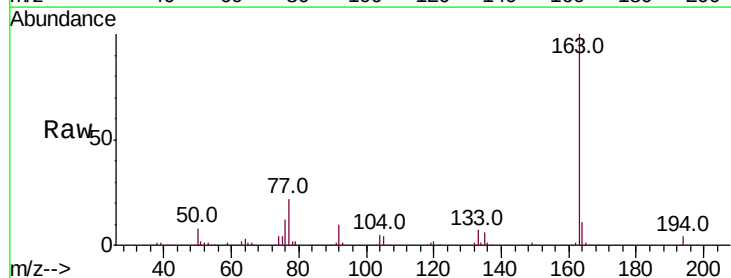
Tgt Ion:163 Resp: 948620

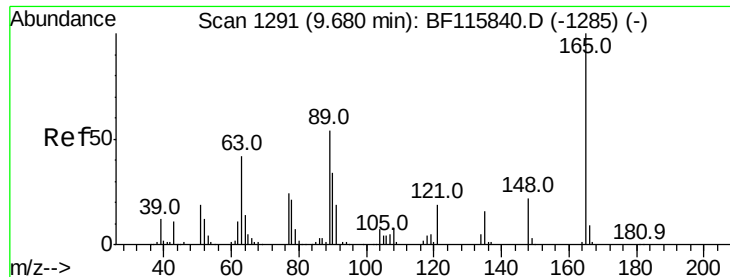
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.6 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 41.787 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

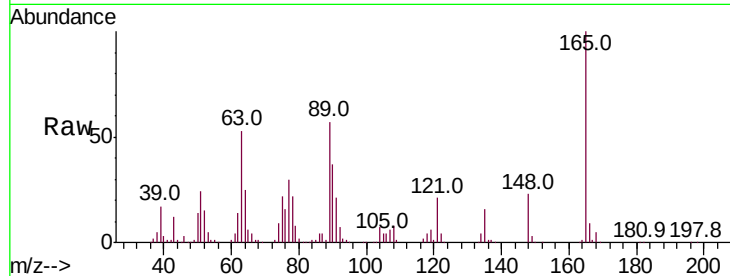
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	208495
Ion Ratio	Lower	Upper	
165	100		
63	53.5	38.2	57.2
89	57.3	42.9	64.3

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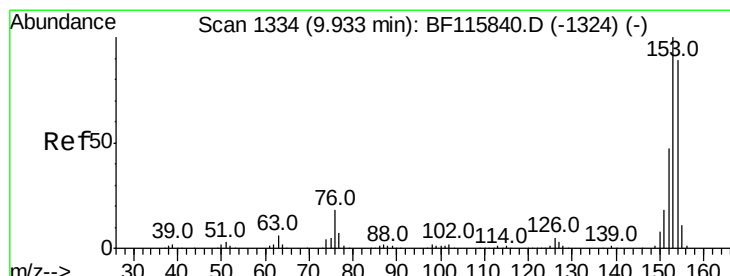
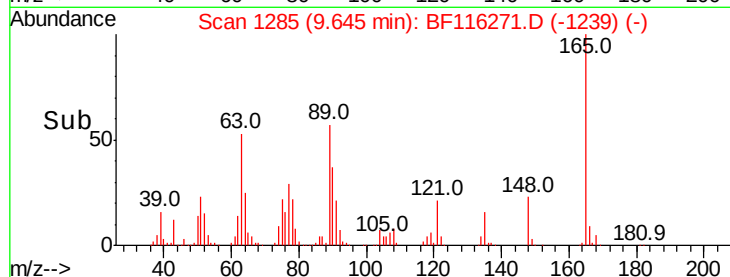
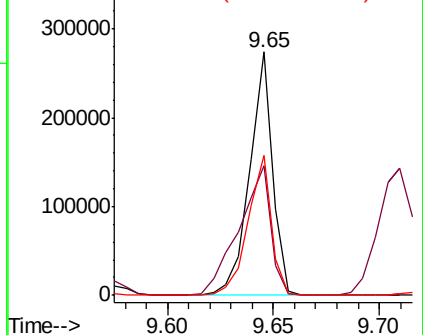
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.492 ng

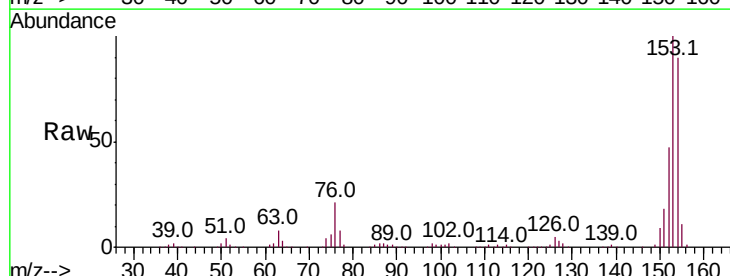
RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

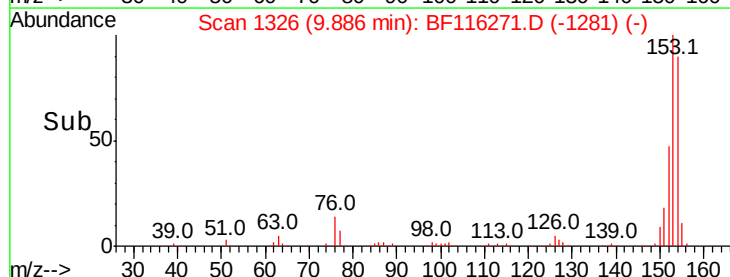
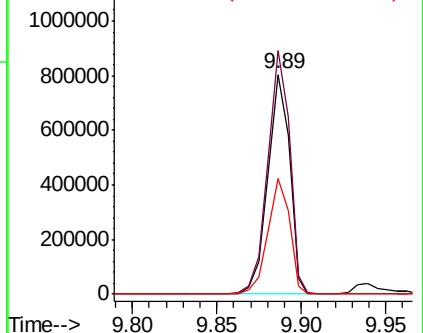
Tgt Ion:	154	Resp:	718073
Ion Ratio	Lower	Upper	
154	100		
153	110.8	89.4	134.0
152	52.6	42.3	63.5

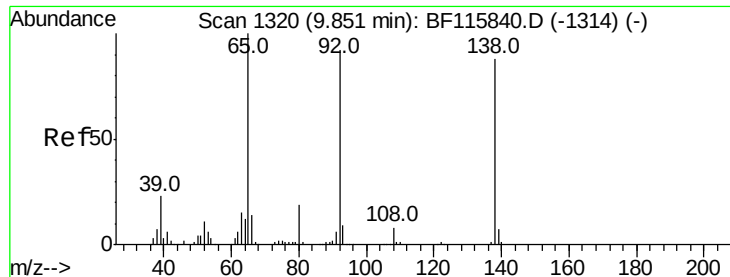


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





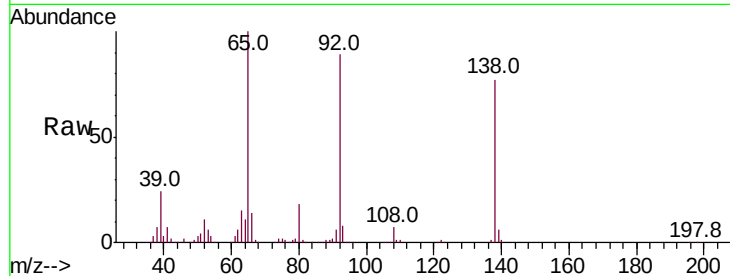
#53
3-Nitroaniline
Concen: 40.869 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	115.4	91.0	136.6

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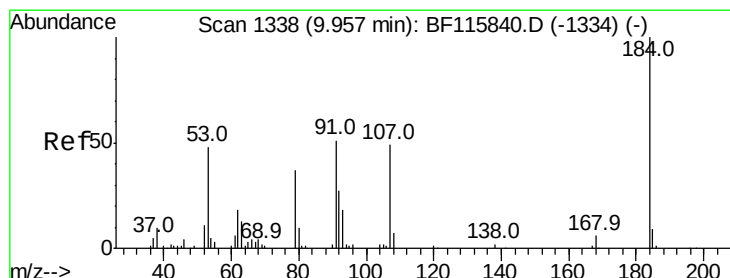
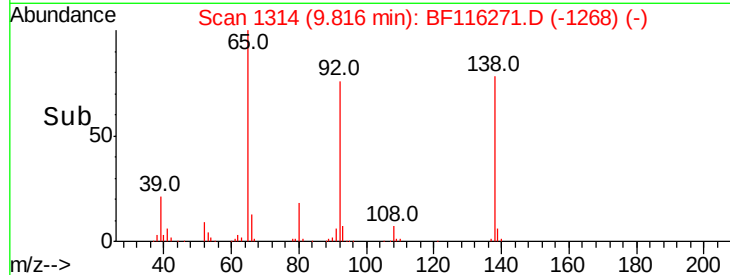
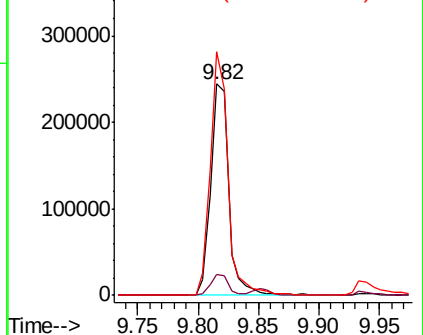


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 37.475 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

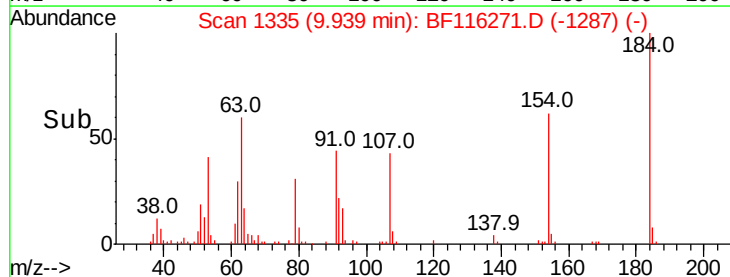
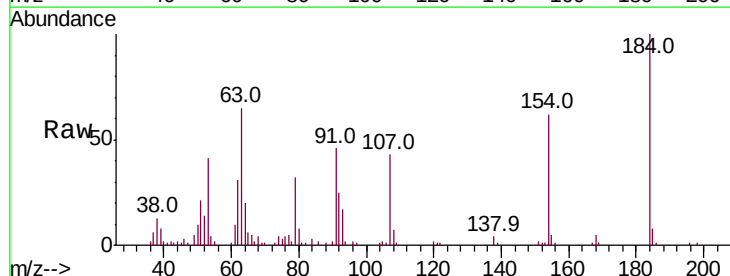
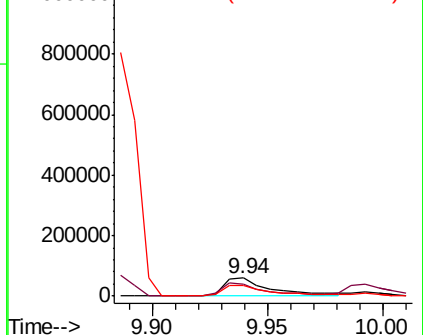
Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.5	53.0	79.4
154	62.2	50.1	75.1

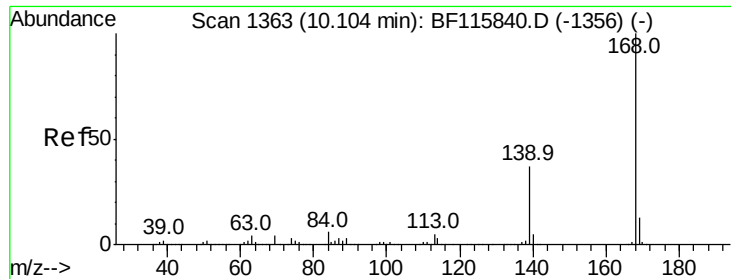
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





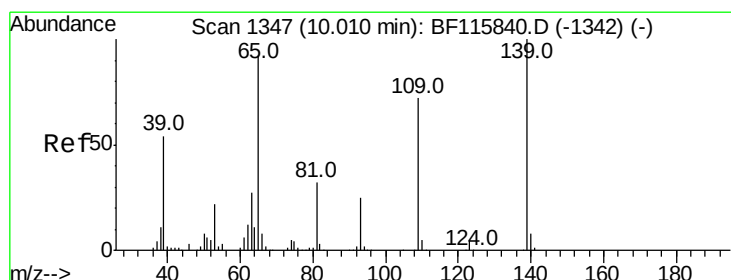
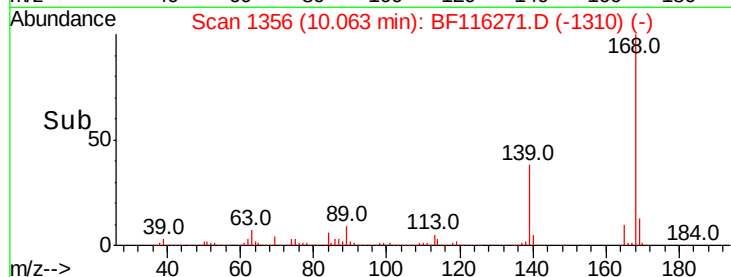
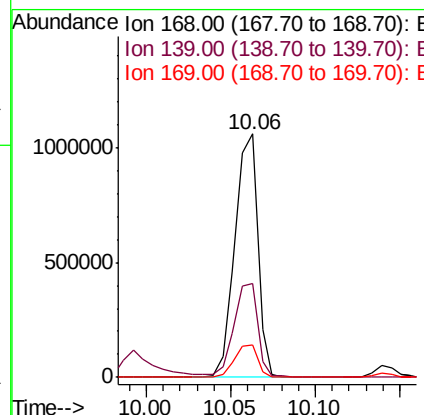
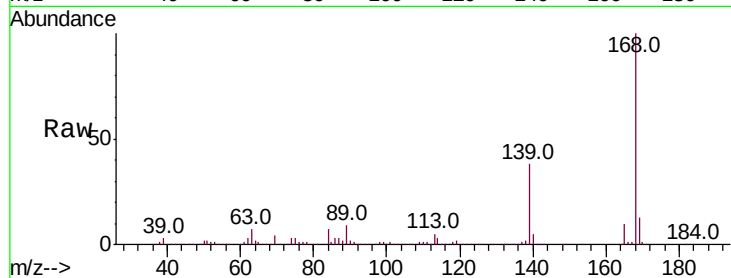
#55
Dibenzenofuran
Concen: 38.728 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.3		31.4	47.2
169	13.4		10.9	16.3

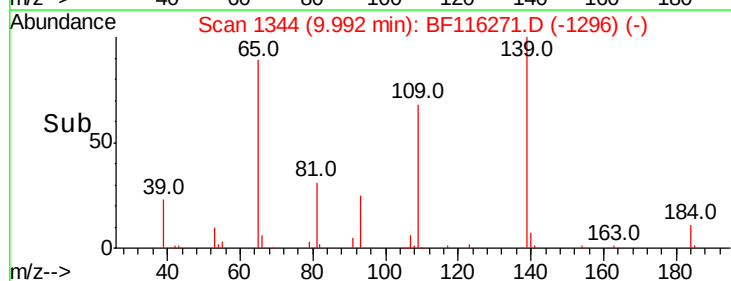
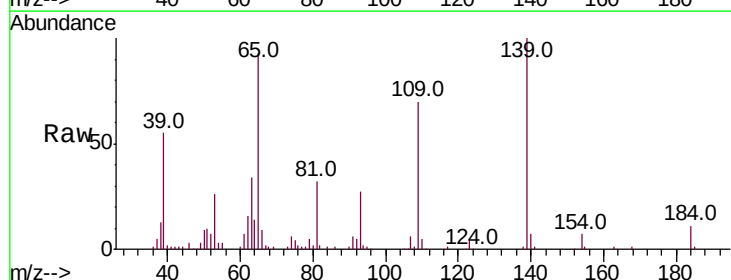
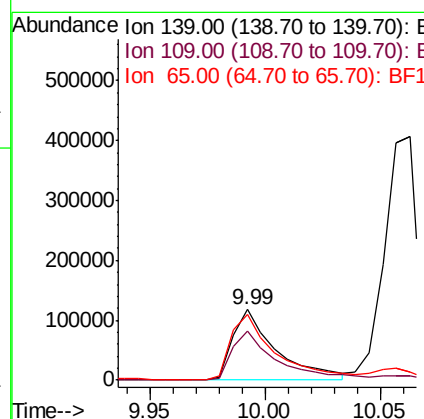
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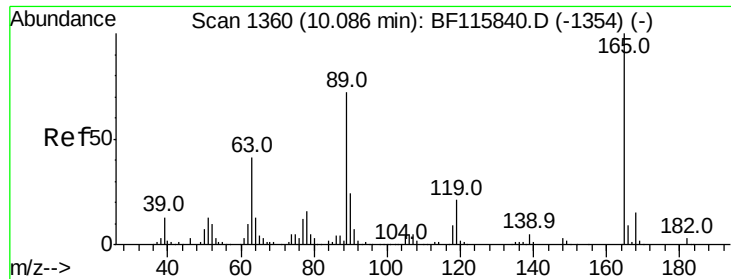
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#56
4-Nitrophenol
Concen: 38.931 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.3		54.4	94.4
65	92.9		80.6	120.6





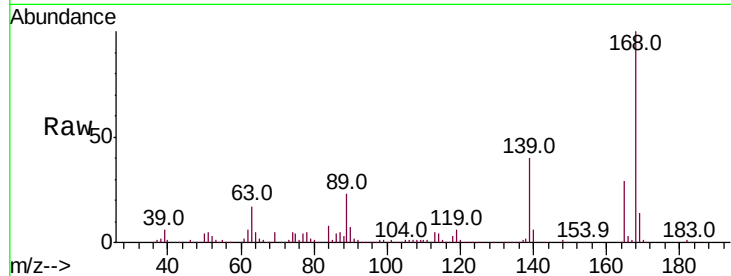
#57
2,4-Dinitrotoluene
Concen: 38.481 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

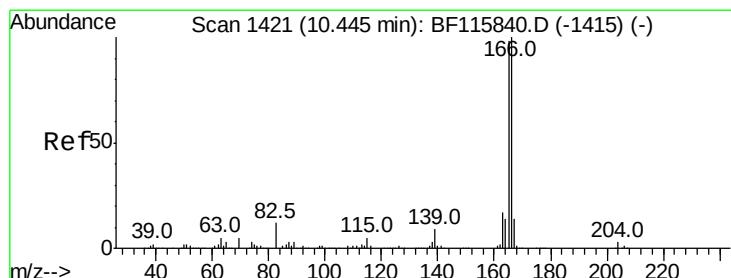
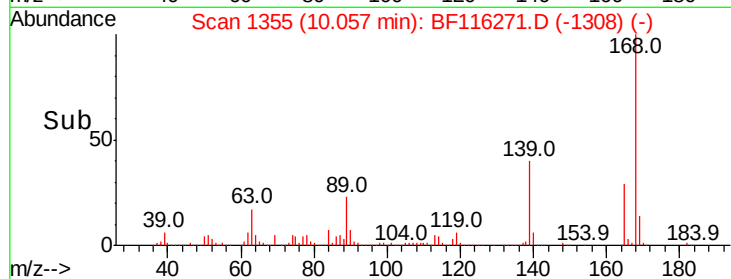
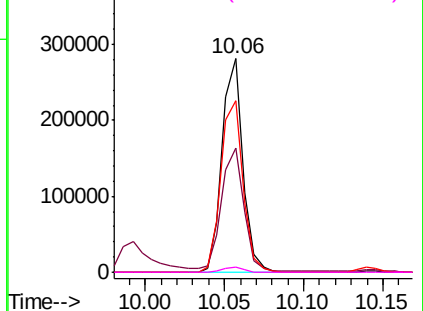
Tot Ion	Ratio	Resp	Lower	Upper
165	100	255632		
63	58.0		39.6	59.4
89	80.2		62.2	93.2
182	2.6		2.1	3.1

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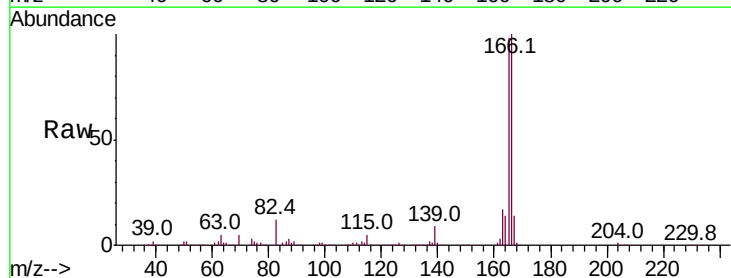


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

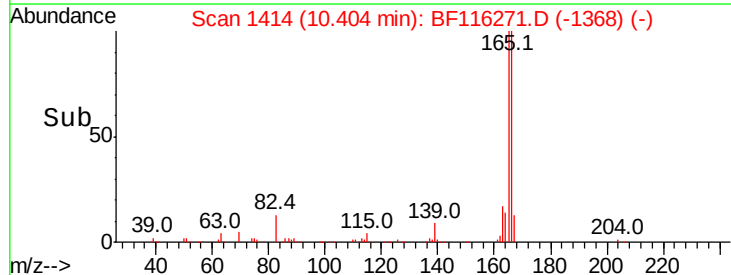
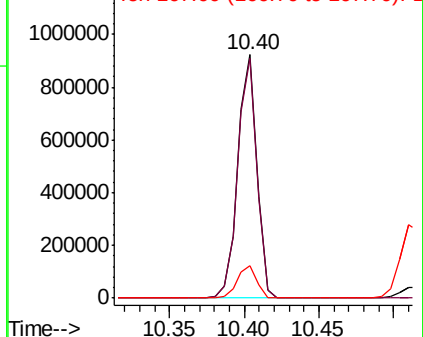


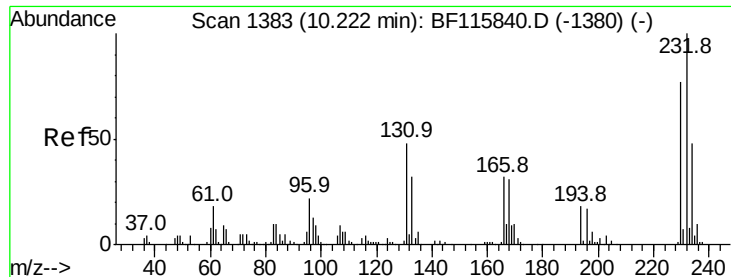
#58
Fluorene
Concen: 41.729 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	827966		
165	98.4		78.4	117.6
167	13.5		11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.041 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 210673

Ion Ratio Lower Upper

232 100

131 48.3 36.2 54.2

130 2.3 1.9 2.9

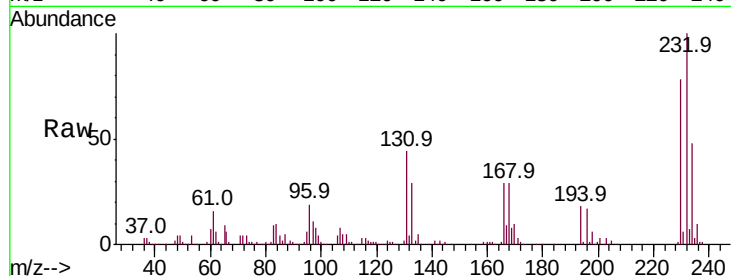
166 29.7 23.0 34.4

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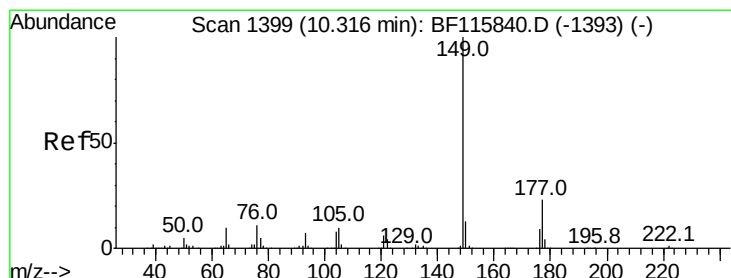
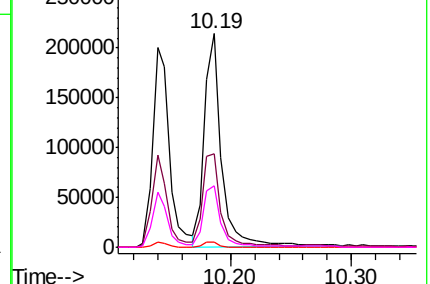
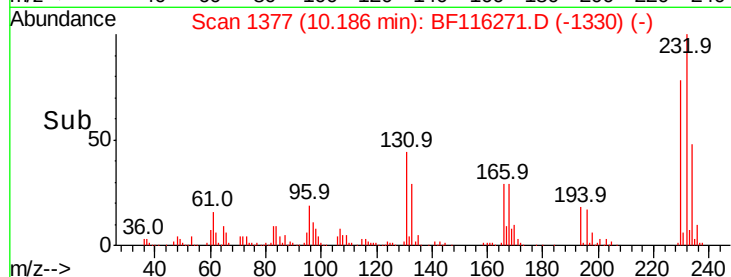


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.866 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

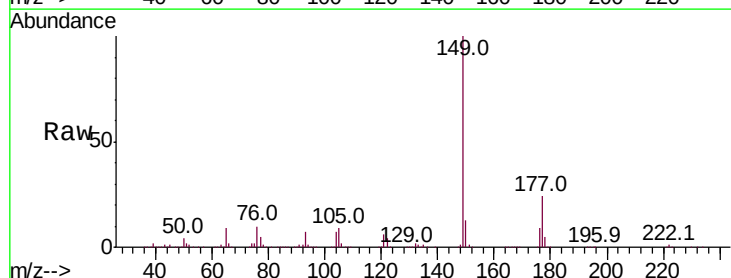
Tgt Ion:149 Resp: 897424

Ion Ratio Lower Upper

149 100

177 23.8 18.8 28.2

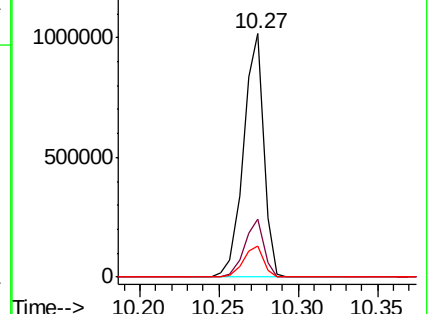
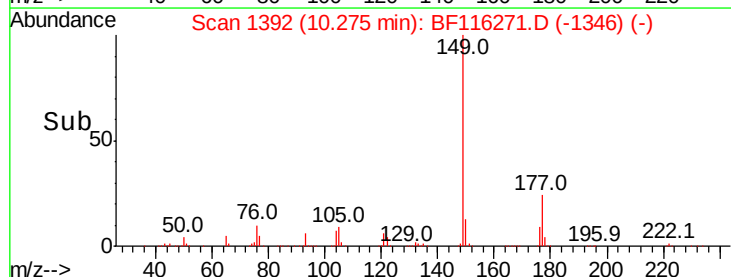
150 12.6 10.2 15.4

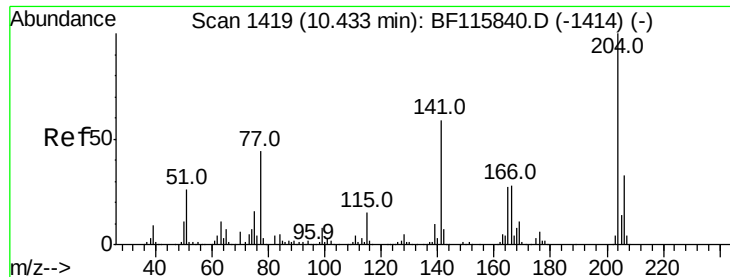


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





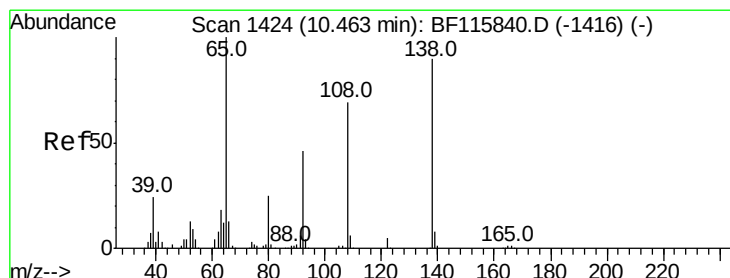
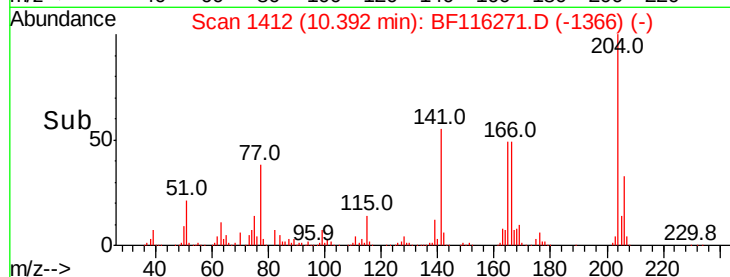
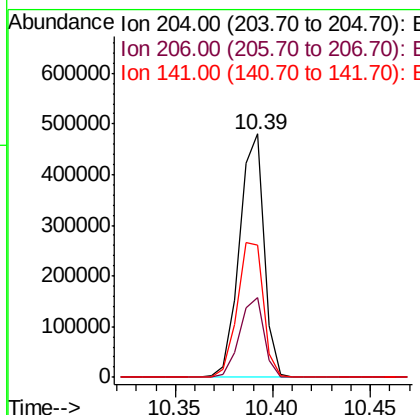
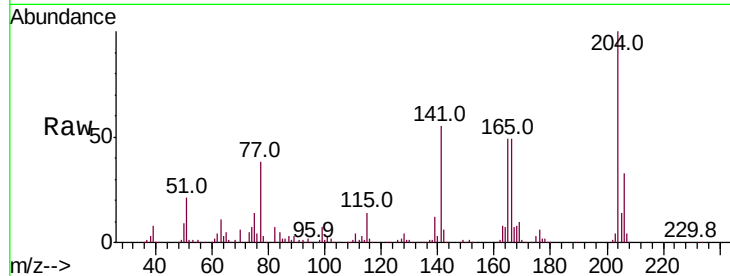
#61
4-Chlorophenyl-phenylether
Concen: 41.725 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.4	39.6
141	54.5	46.4	69.6

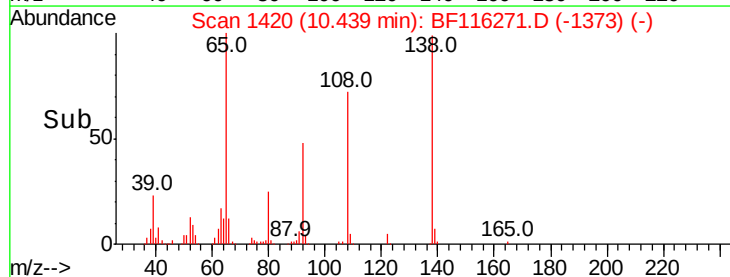
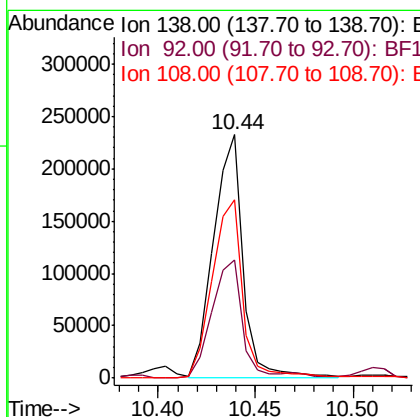
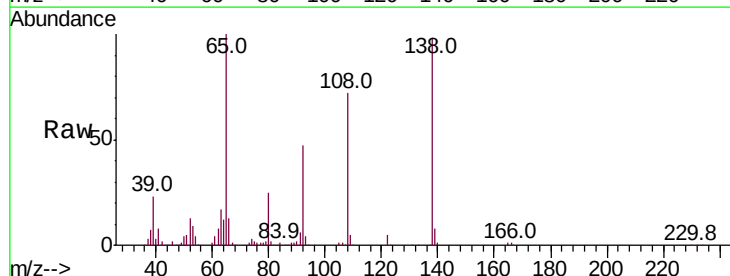
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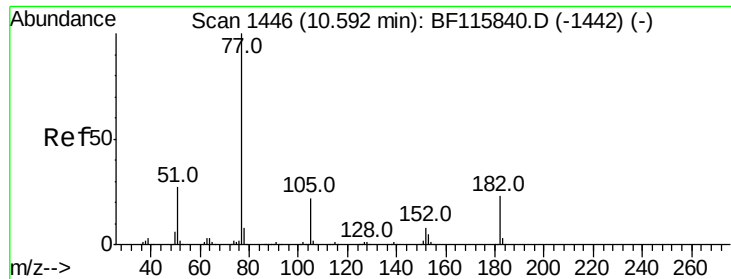
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#62
4-Nitroaniline
Concen: 38.540 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	29.0	69.0
108	73.4	54.7	94.7





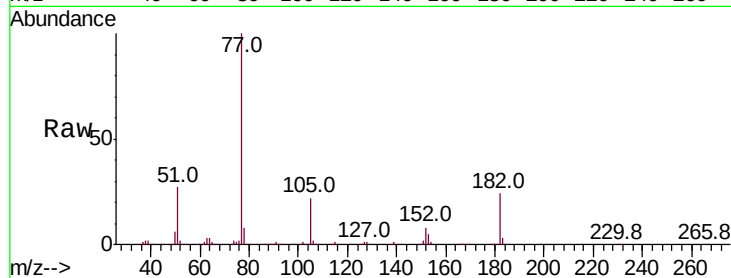
#63
Azobenzene
Concen: 41.676 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

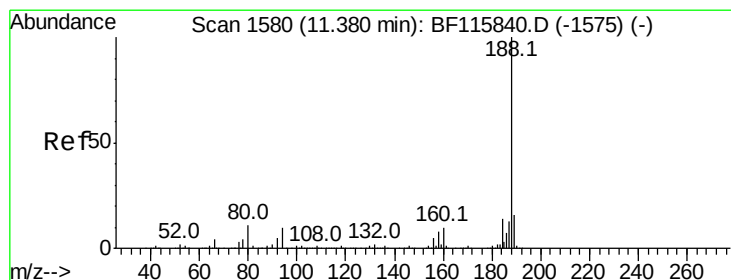
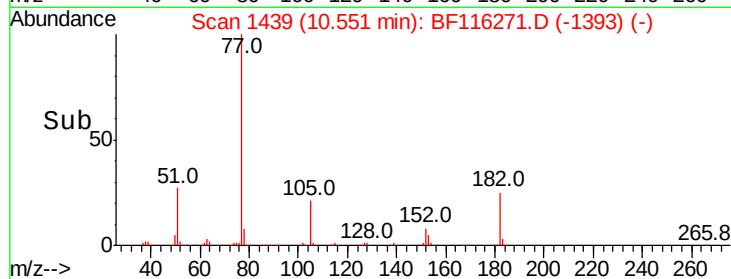
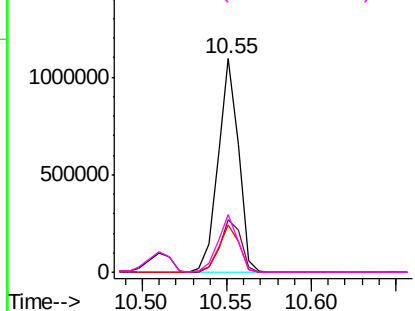
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.5	4.0	44.0	
105	22.4	2.0	42.0	
51	26.9	7.5	47.5	

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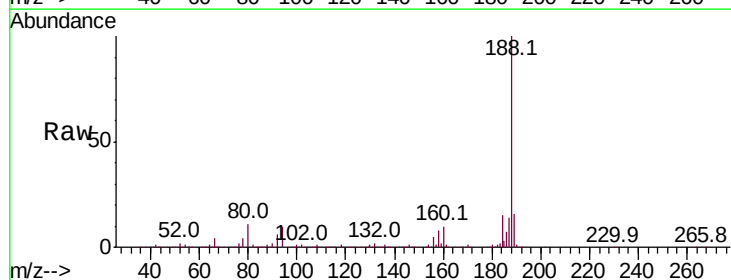


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

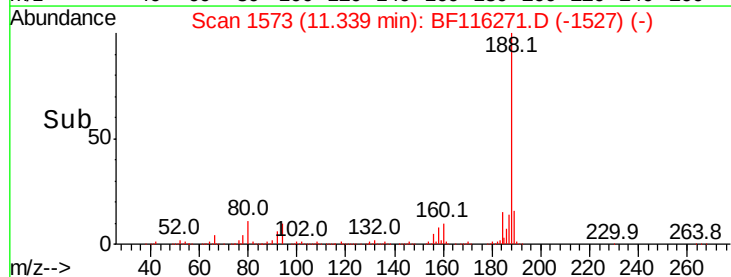
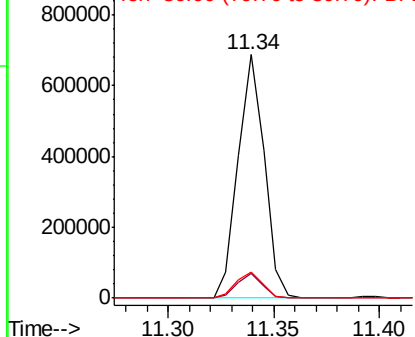


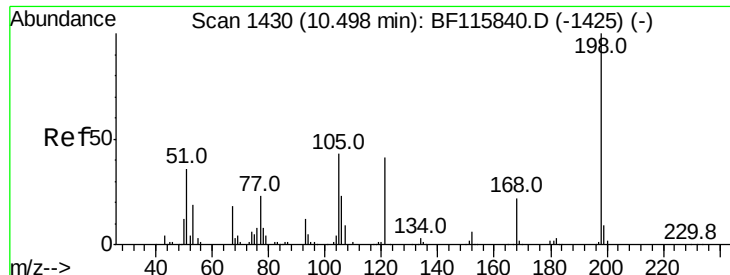
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.2	8.1	12.1	
80	10.7	8.7	13.1	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





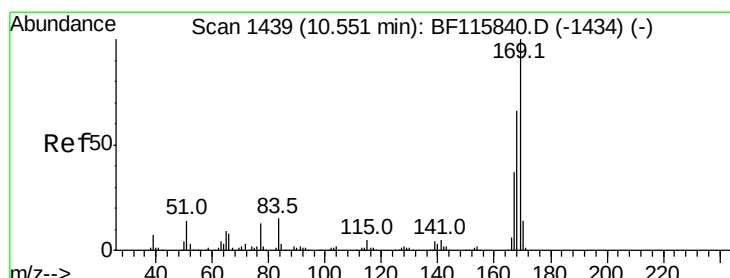
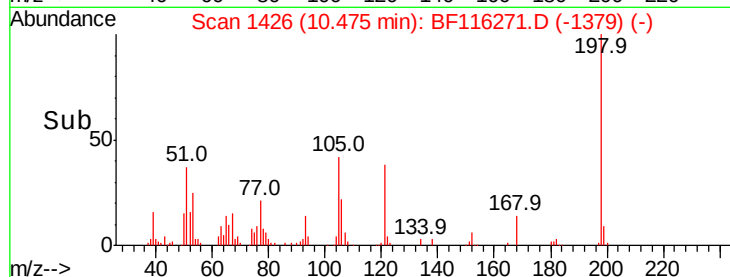
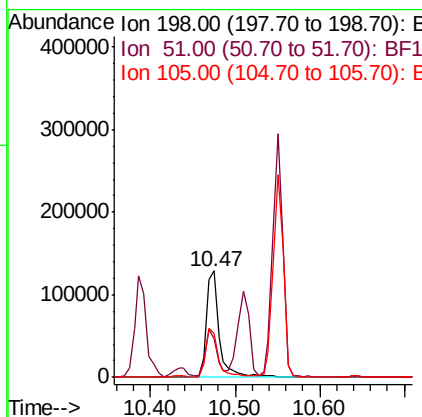
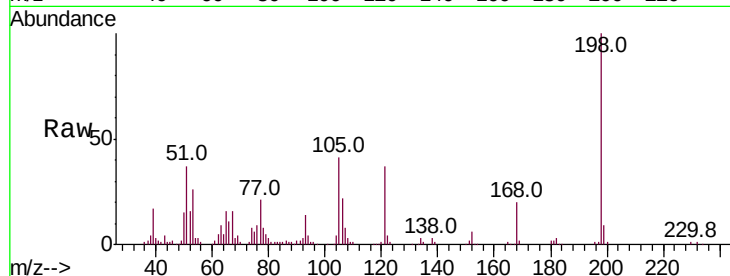
#65
4,6-Dinitro-2-methylphenol
Concen: 43.983 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	137896		
51	36.8	17.0	57.0	
105	41.1	21.6	61.6	

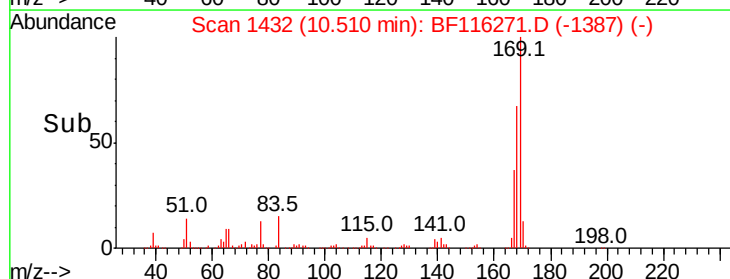
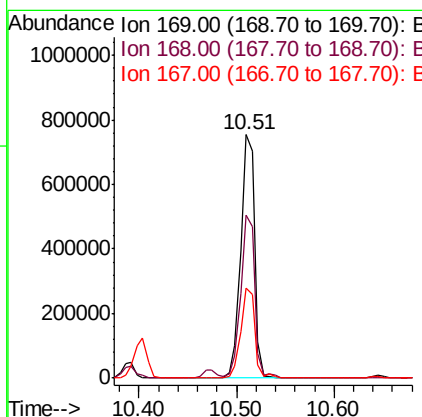
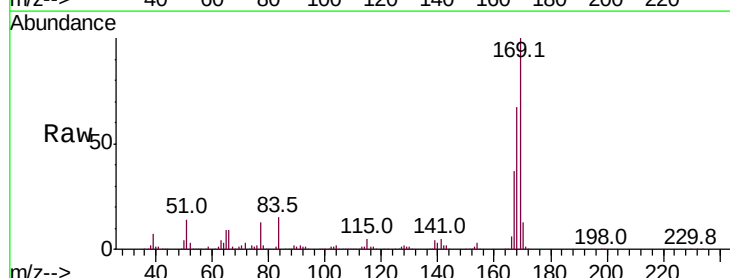
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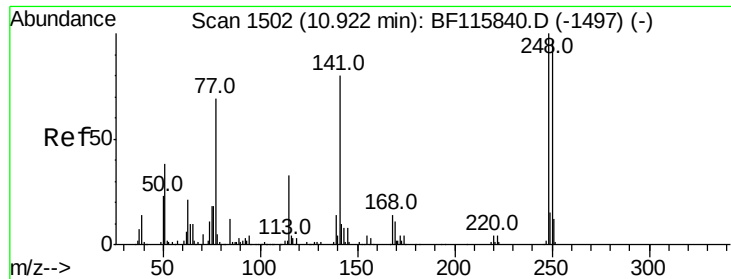
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#66
n-Nitrosodiphenylamine
Concen: 41.881 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.04 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	745783		
168	67.1	53.8	80.6	
167	37.1	29.6	44.4	





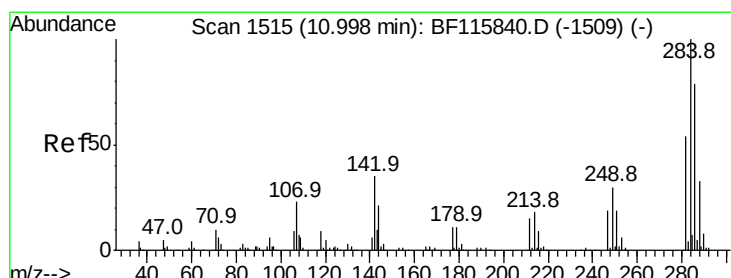
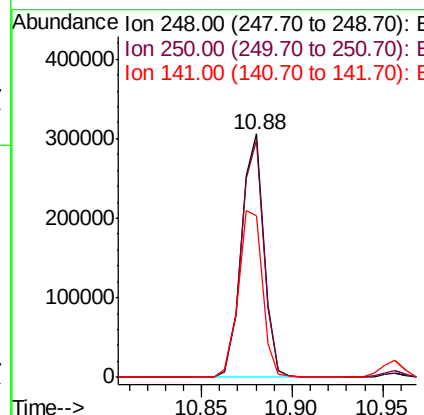
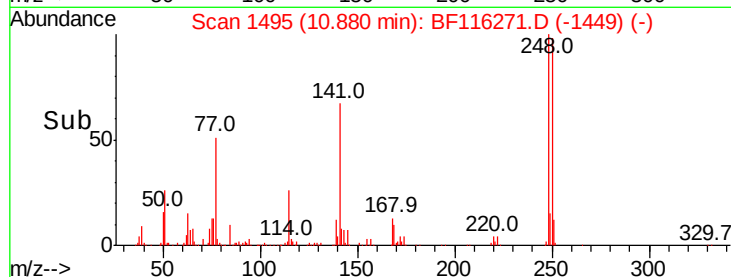
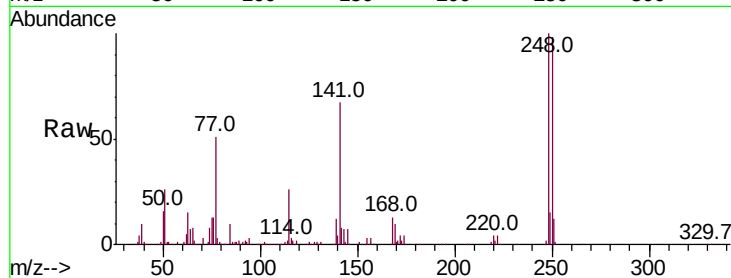
#67
4-Bromophenyl-phenylether
Concen: 41.806 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.4	116.2
141	66.5	56.8	85.2

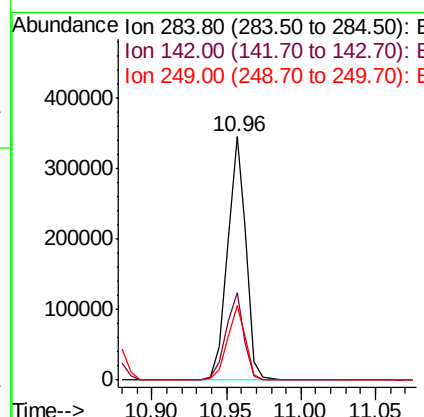
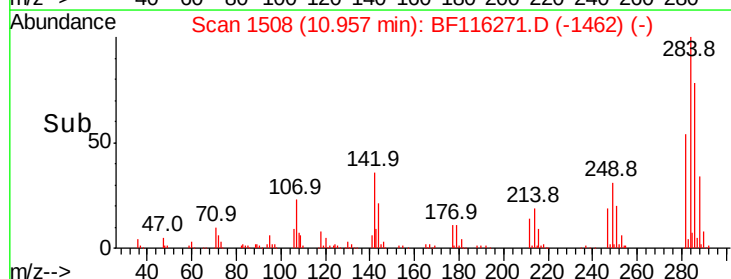
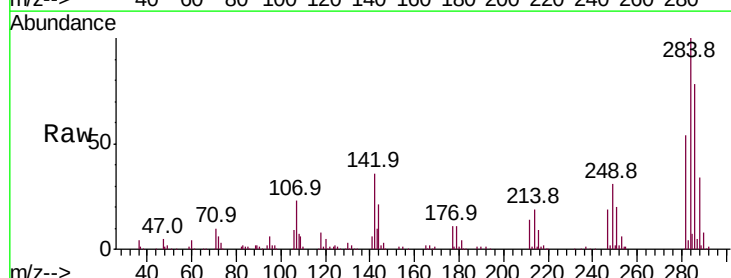
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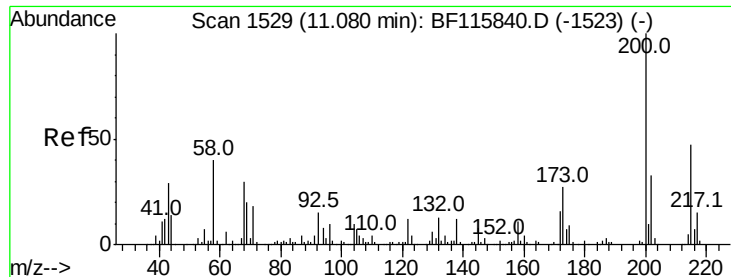
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#68
Hexachlorobenzene
Concen: 41.015 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	28.4	42.6
249	30.9	24.5	36.7





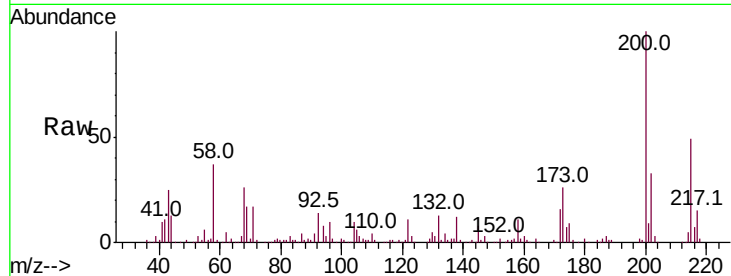
#69
Atrazine
Concen: 33.701 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	197430		
173	26.1	6.8	46.8	
215	48.7	27.5	67.5	

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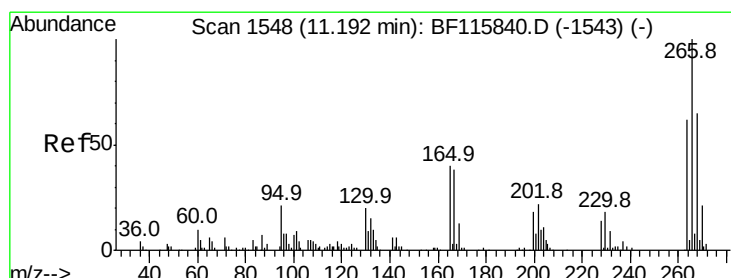
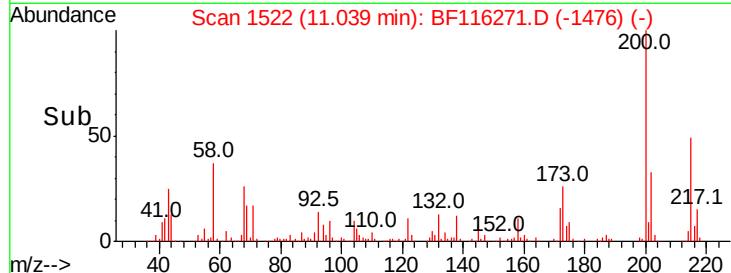
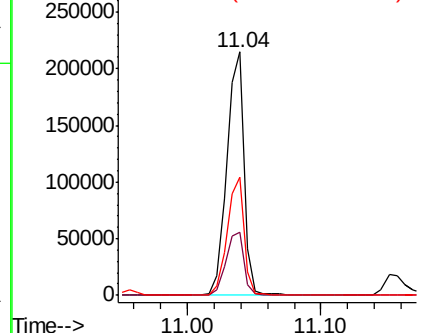


Abundance

Ion 200.00 (199.70 to 200.70): E

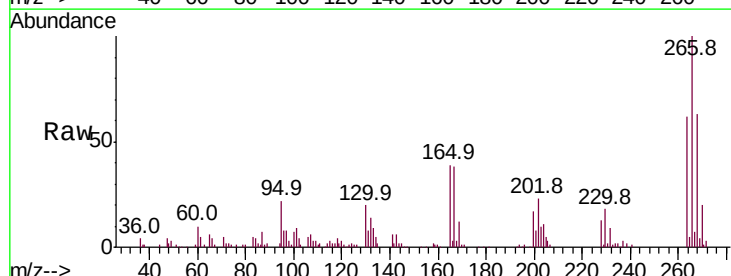
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 39.994 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	142199		
268	62.7	48.8	73.2	
264	62.1	50.6	76.0	

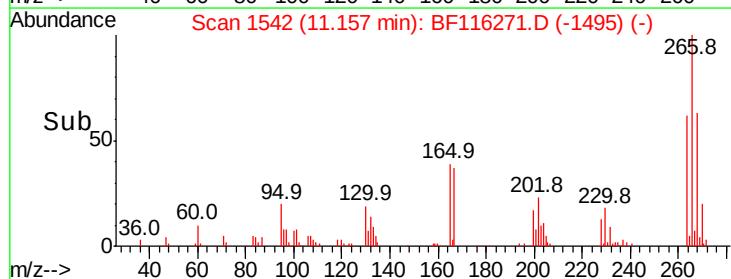
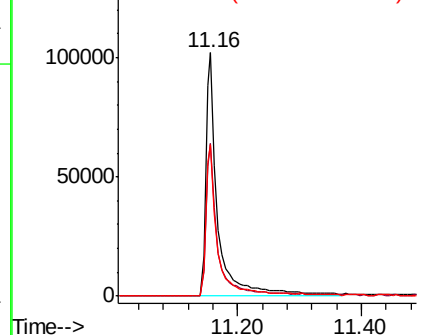


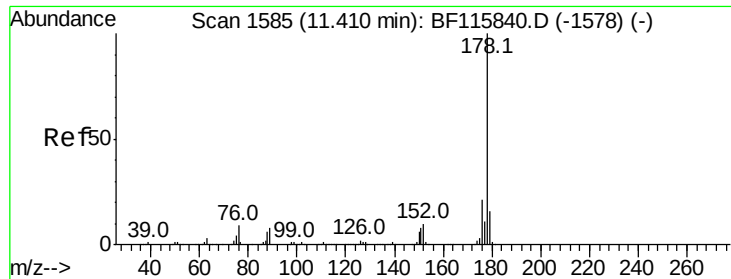
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





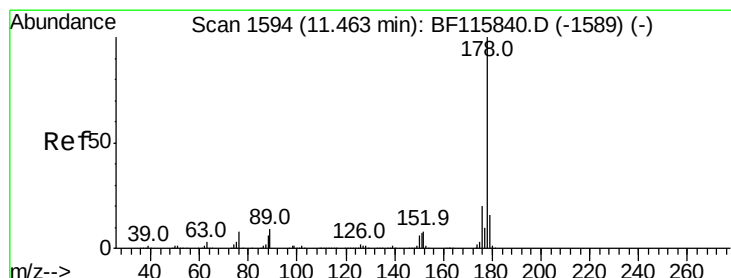
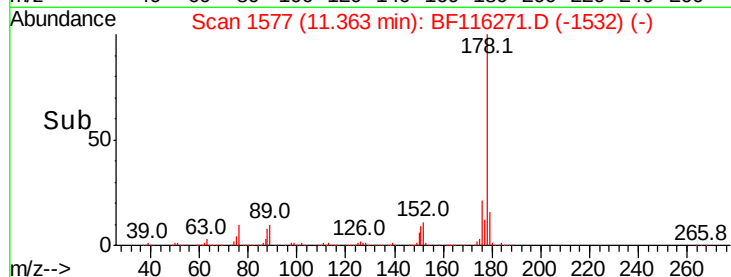
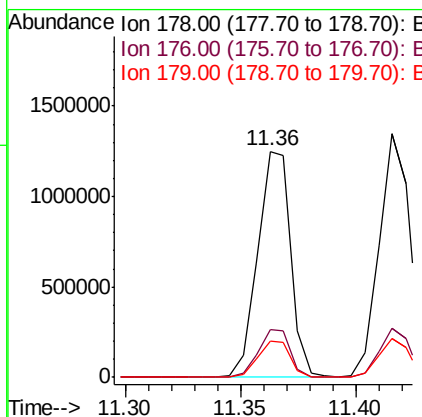
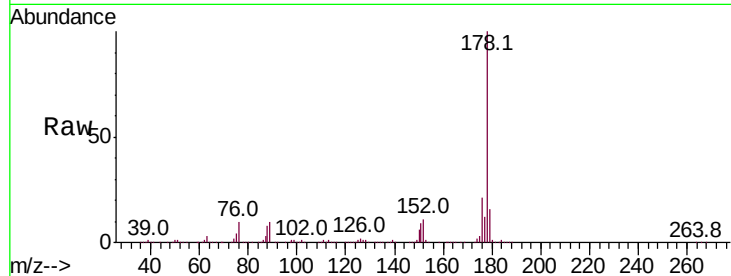
#71
Phenanthrene
Concen: 41.179 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.6	24.8
179	16.2	12.5	18.7

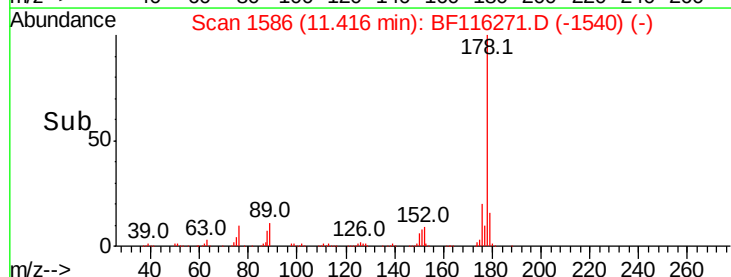
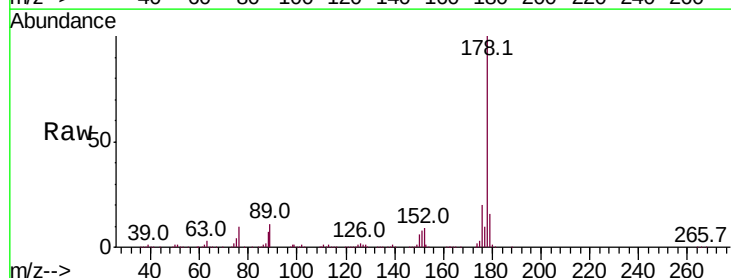
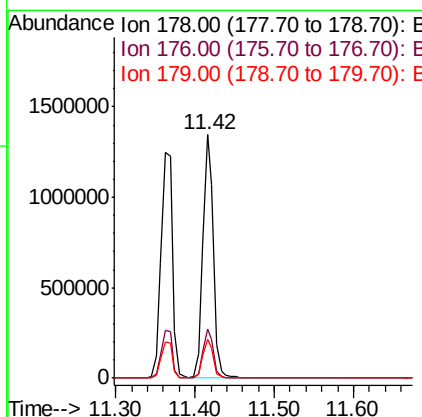
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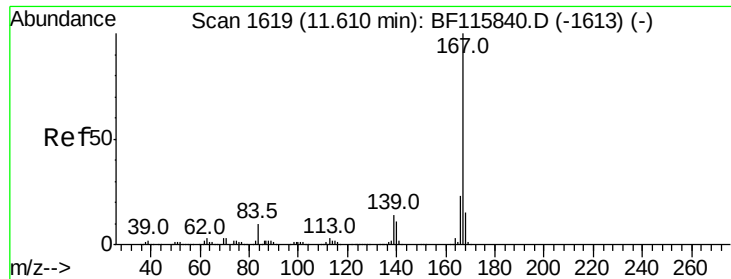
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#72
Anthracene
Concen: 41.426 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.1	13.0	19.6





#73

Carbazole

Concen: 42.903 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1191419

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.6

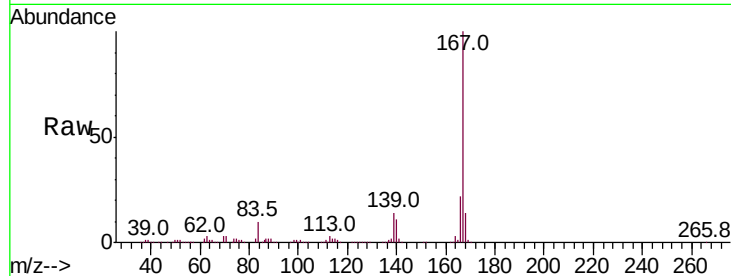
139 14.1 11.4 17.0

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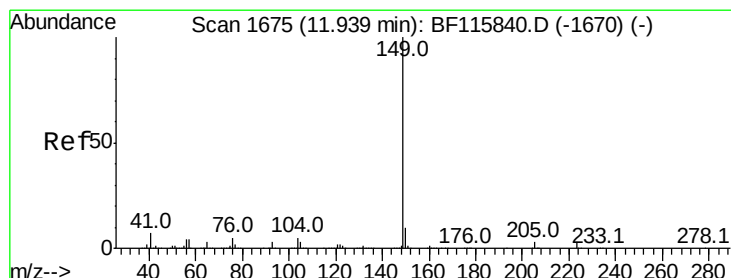
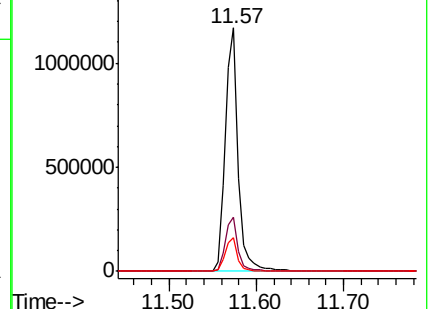
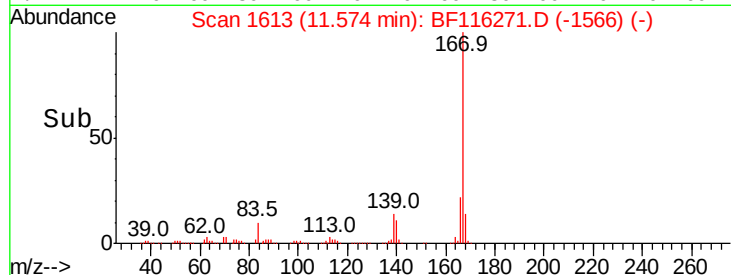
8/20/2019 8:36:25 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.697 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

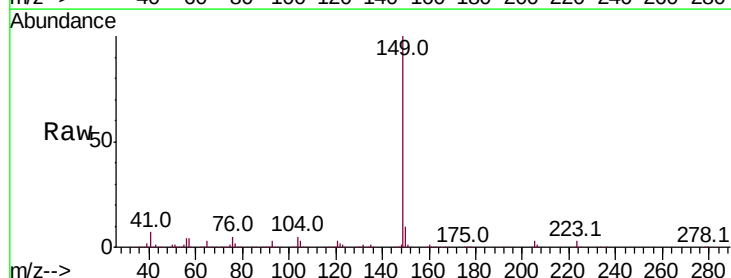
Tgt Ion:149 Resp: 1415554

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

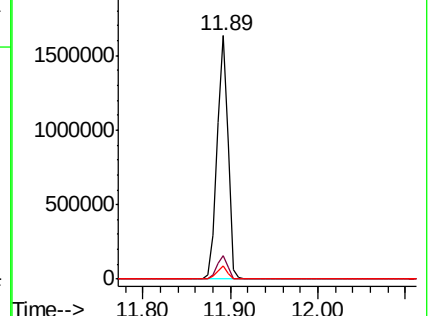
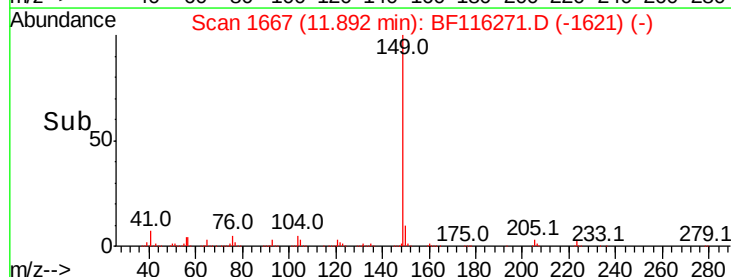
104 5.4 4.5 6.7

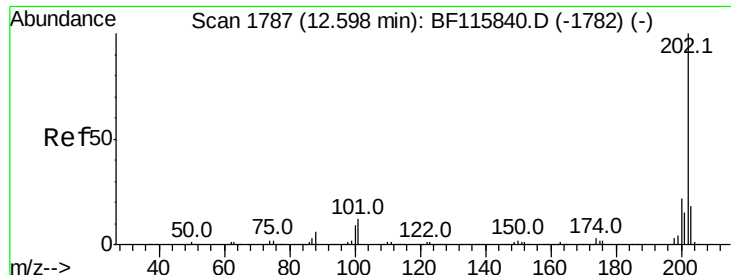


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





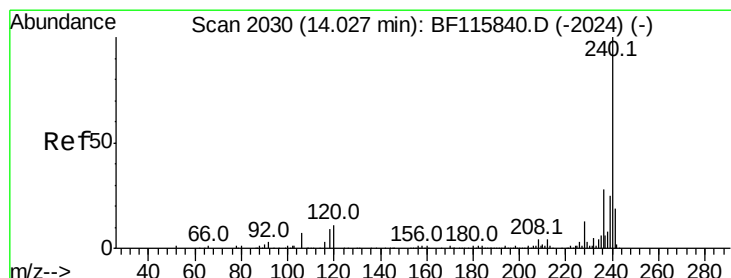
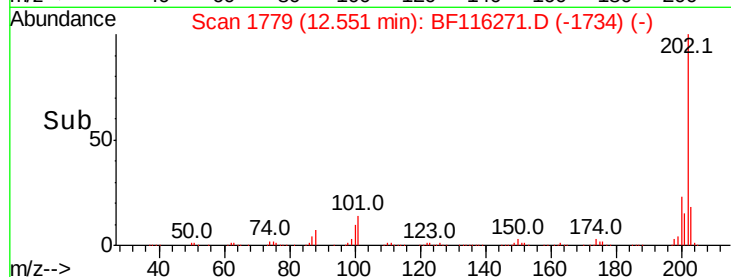
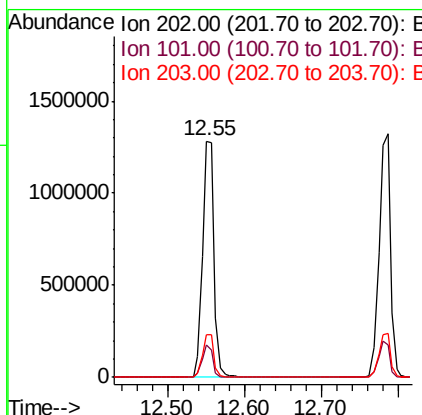
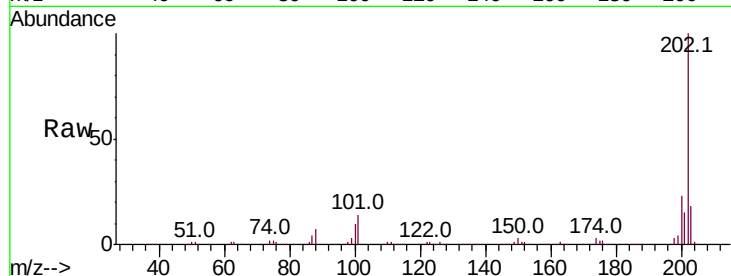
#75
 Fluoranthene
 Concen: 42.007 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.04 min
 Lab File: BF116271.D
 Acq: 15 Aug 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	31.2
203	18.2	0.0	37.8

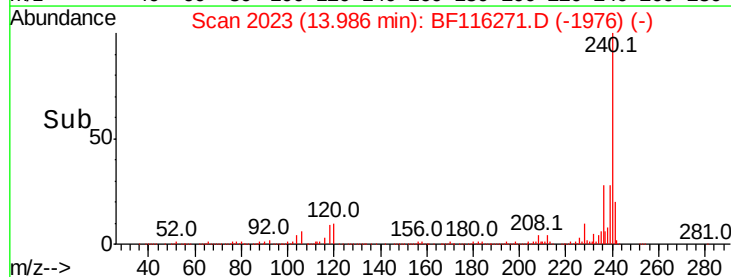
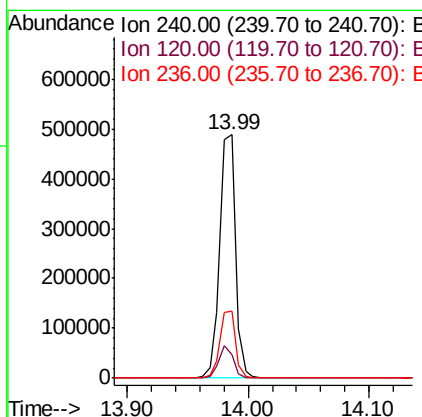
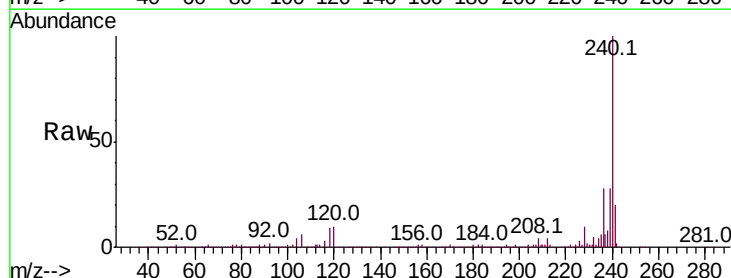
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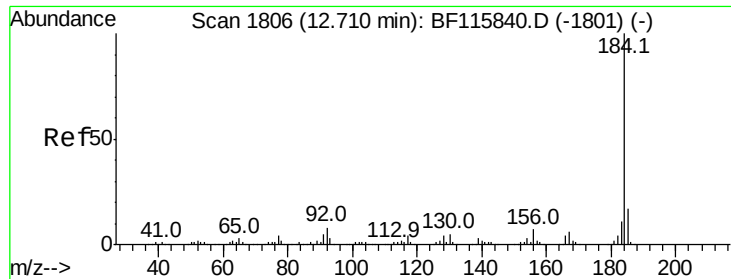
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF116271.D
 Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	10.7	16.1#
236	27.7	22.2	33.2





#77

Benzidine

Concen: 39.367 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

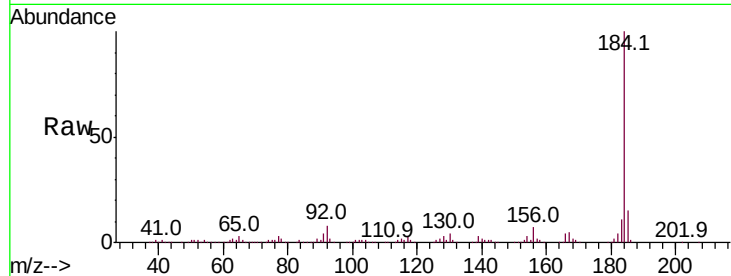
ClientSampleId :

SSTDCCC040

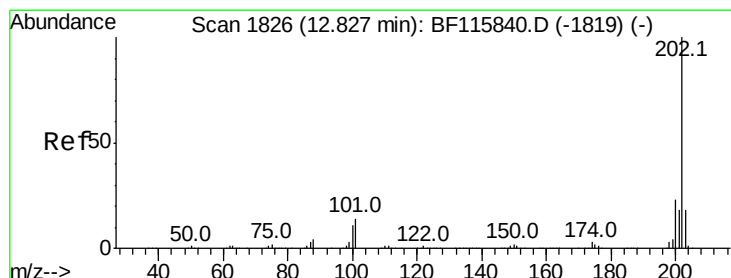
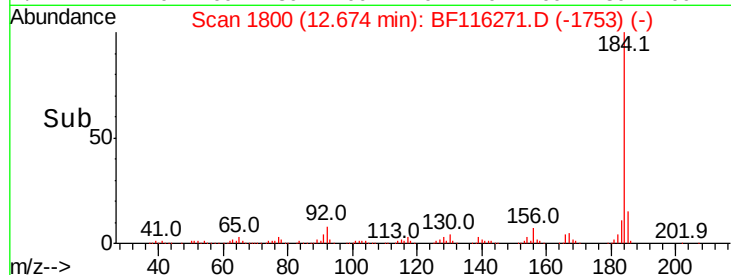
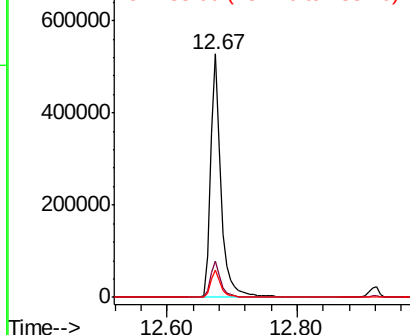
Tot Ion:	184	Resp:	585428
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.8	19.2
183	11.4	9.4	14.0

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



#78

Pyrene

Concen: 41.026 ng

RT: 12.79 min Scan# 1819

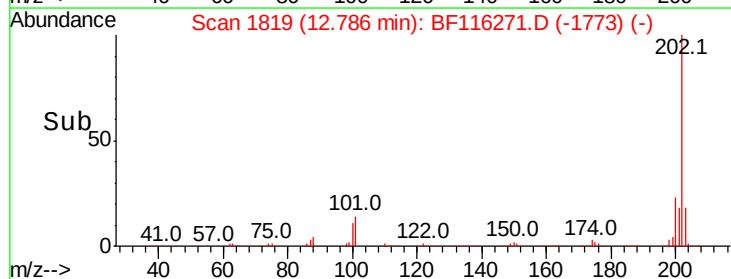
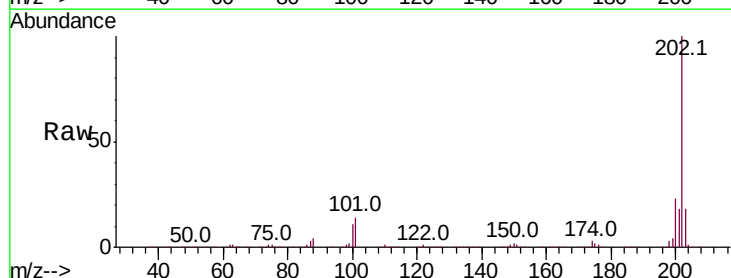
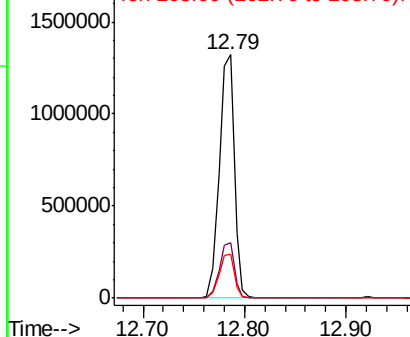
Delta R.T. -0.03 min

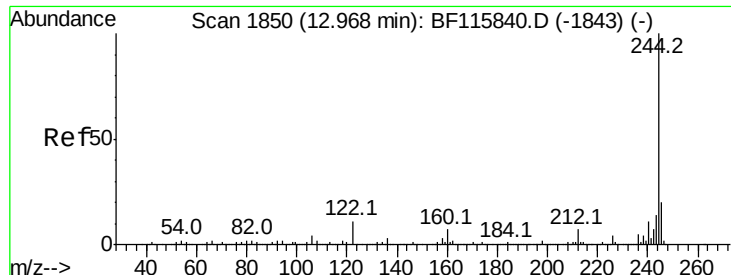
Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Tgt Ion:	202	Resp:	1361296
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.0	27.0
203	18.0	14.1	21.1

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





#79

Terphenyl-d14

Concen: 78.549 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.03 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1640848

Ion Ratio Lower Upper

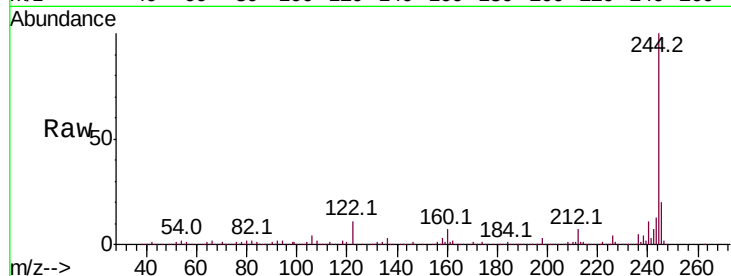
244 100

212 7.3 5.8 8.8

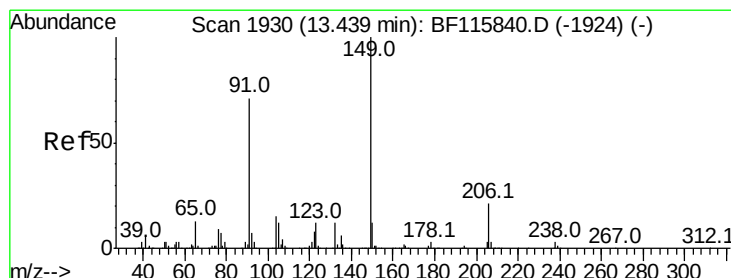
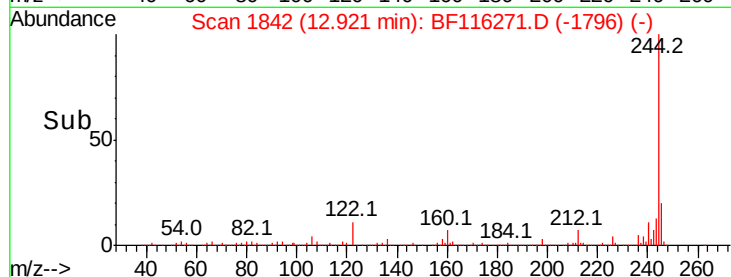
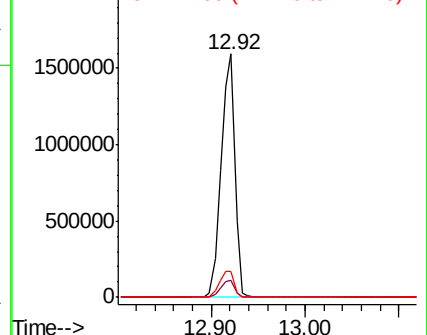
122 10.7 9.0 13.4

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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: 43.970 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

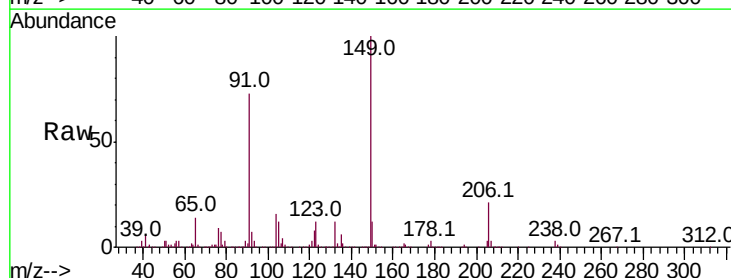
Tgt Ion:149 Resp: 617154

Ion Ratio Lower Upper

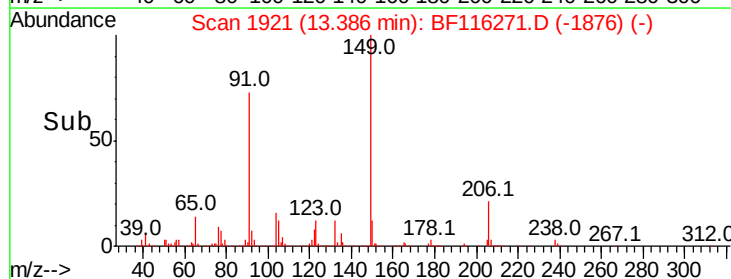
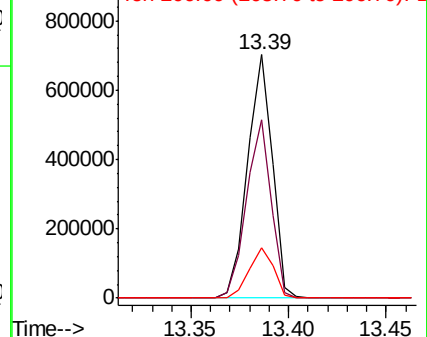
149 100

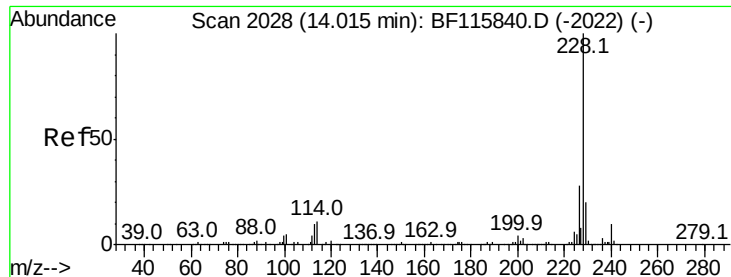
91 73.1 56.3 84.5

206 20.8 18.0 27.0



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





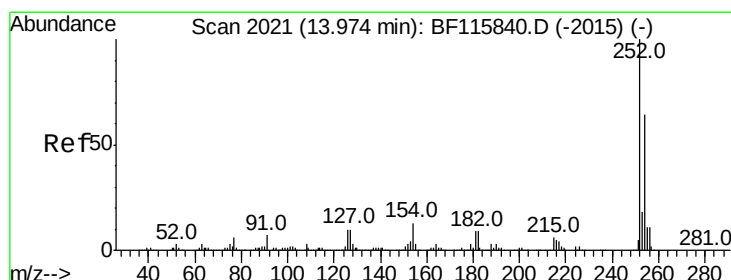
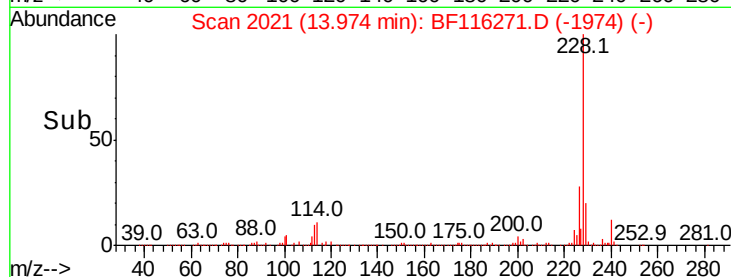
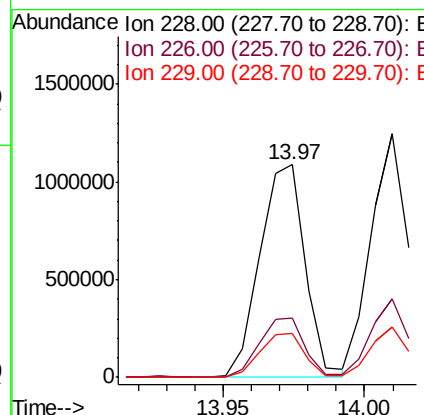
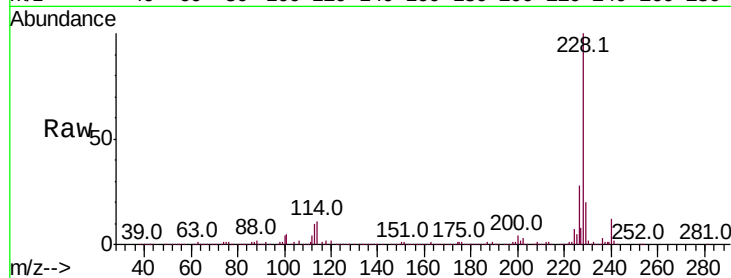
#81
Benzo(a)anthracene
Concen: 42.917 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	20.4	16.2	24.4

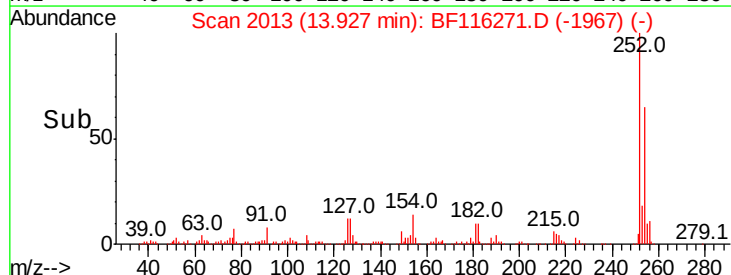
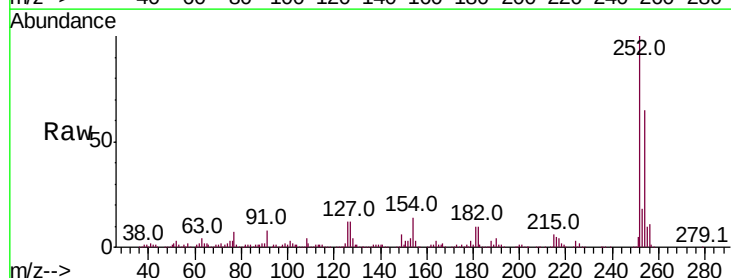
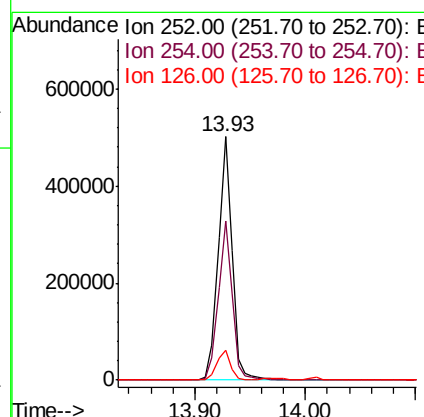
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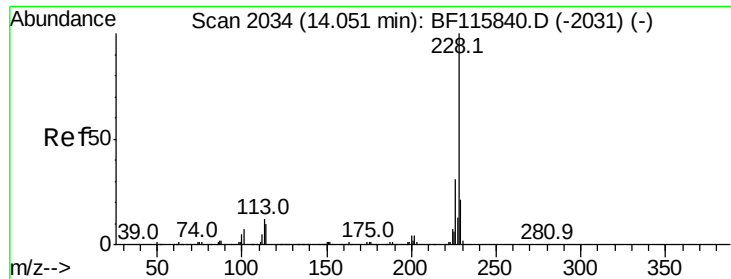
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#82
3,3'-Dichlorobenzidine
Concen: 44.290 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.03 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.9	76.3
126	12.4	9.8	14.8





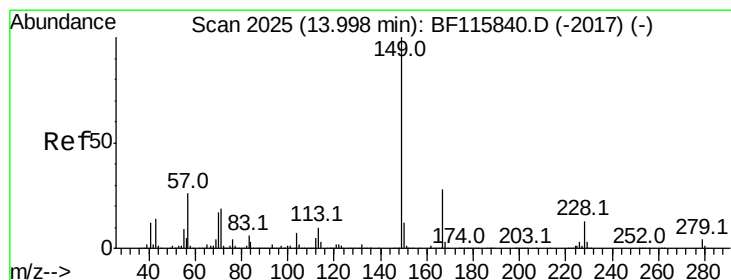
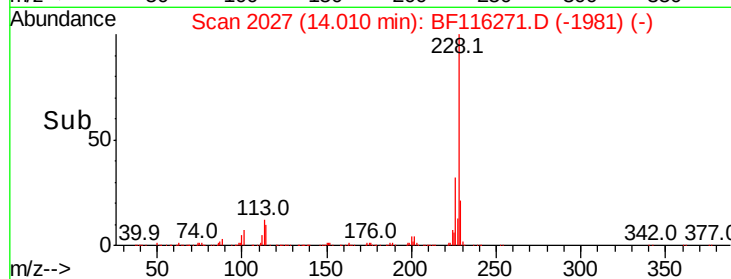
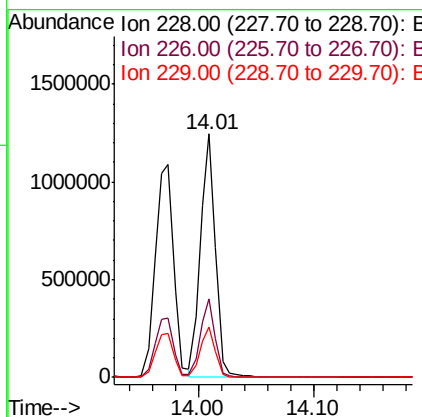
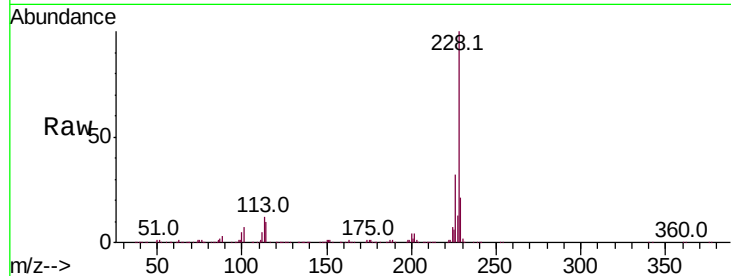
#83
 Chrysene
 Concen: 41.898 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.03 min
 Lab File: BF116271.D
 Acq: 15 Aug 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.5	38.3
229	20.7	16.6	24.8

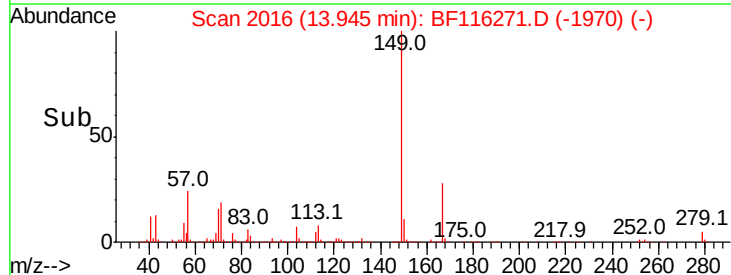
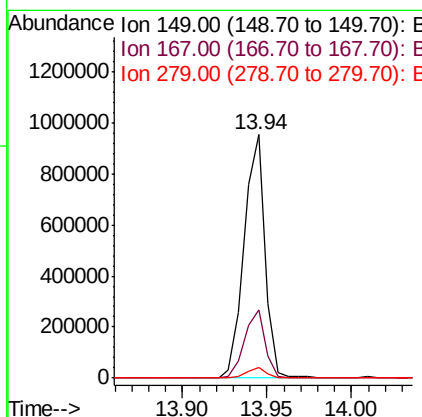
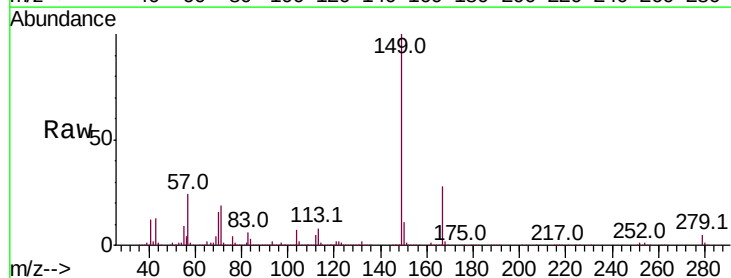
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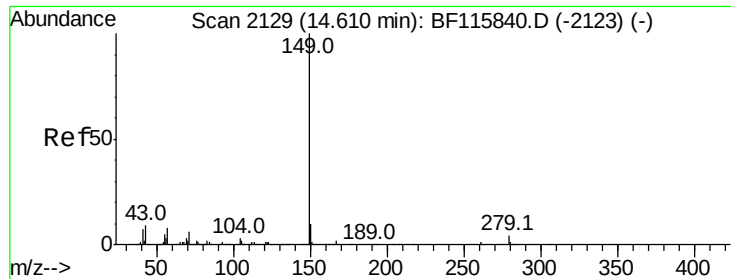
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.224 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BF116271.D
 Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.6	32.4
279	4.5	3.0	4.4#





#85

Di-n-octyl phthalate

Concen: 45.838 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.04 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1327955

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

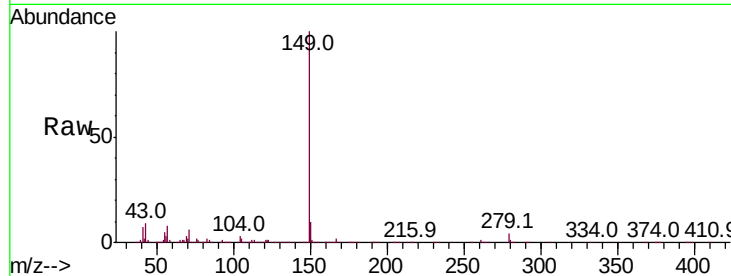
43 9.1 7.5 11.3

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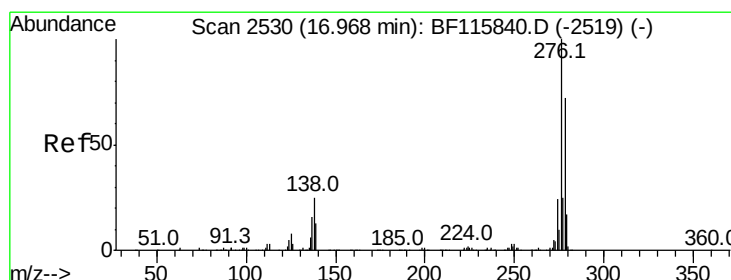
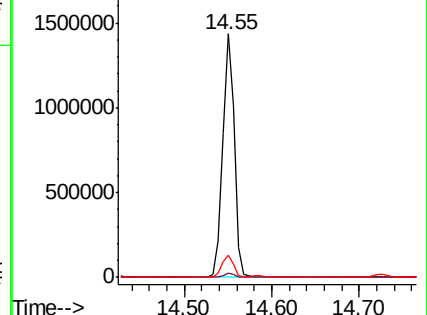
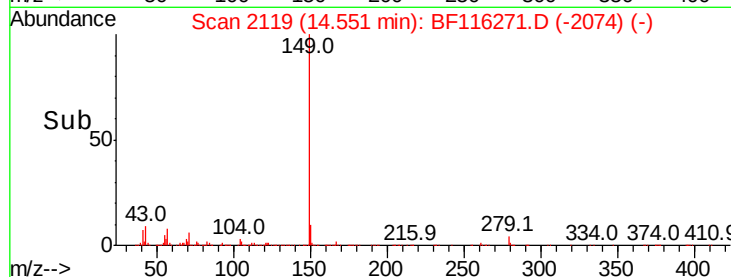
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.571 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.04 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

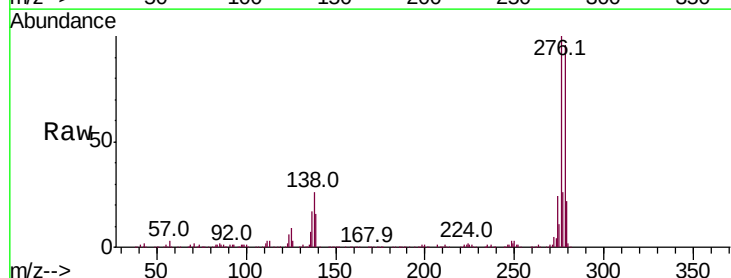
Tgt Ion:276 Resp: 1114268

Ion Ratio Lower Upper

276 100

138 25.6 20.4 30.6

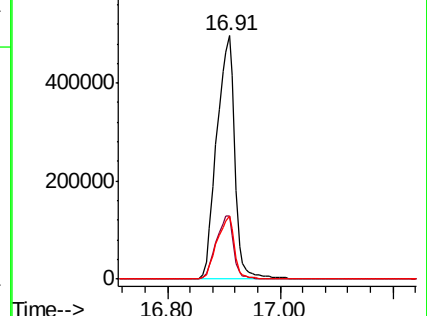
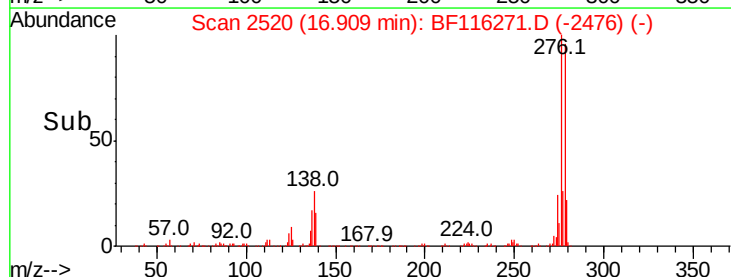
277 25.3 20.0 30.0

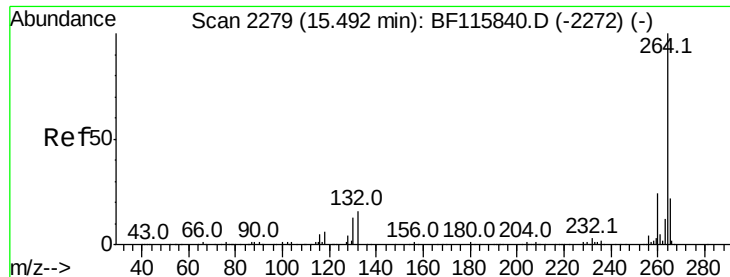


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Instrument :

BNA_F

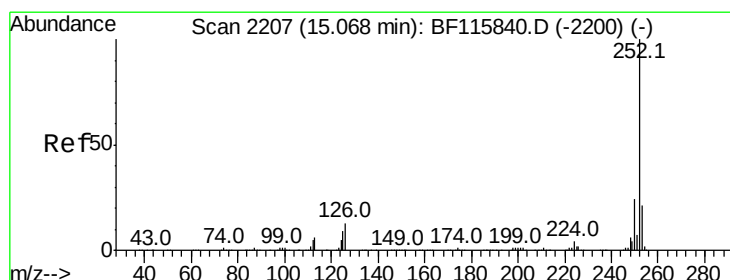
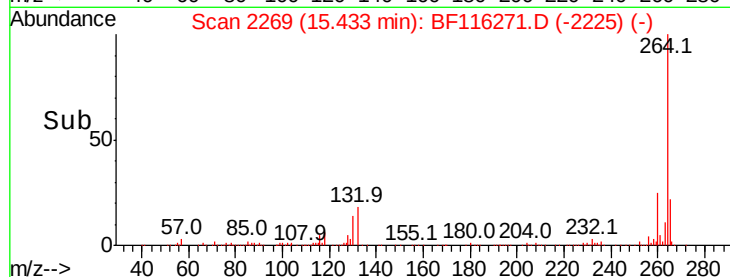
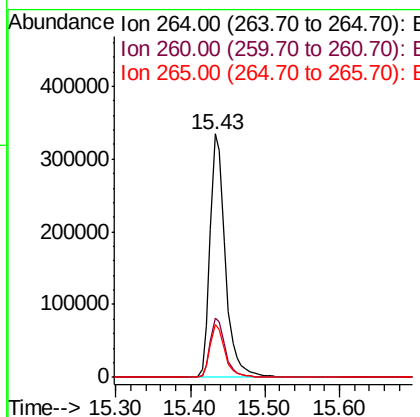
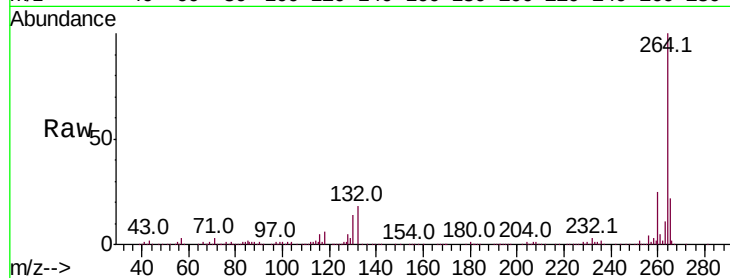
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	473855
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.7	29.5
265	21.8	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 38.699 ng

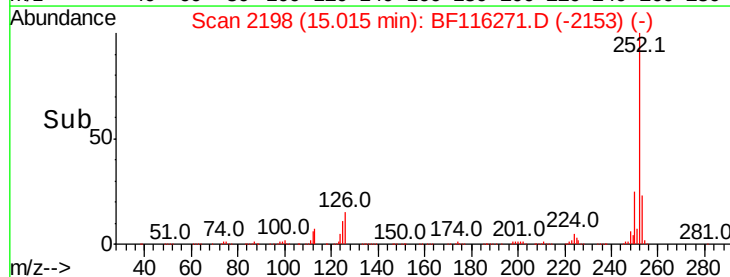
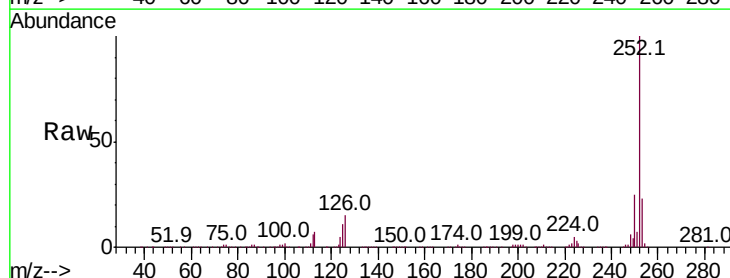
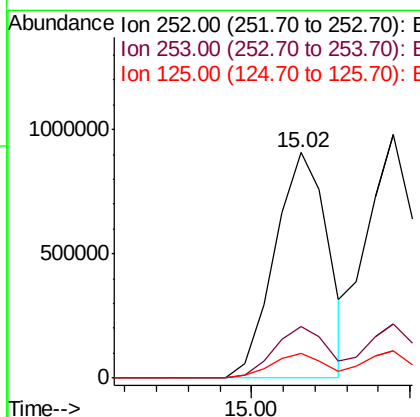
RT: 15.02 min Scan# 2198

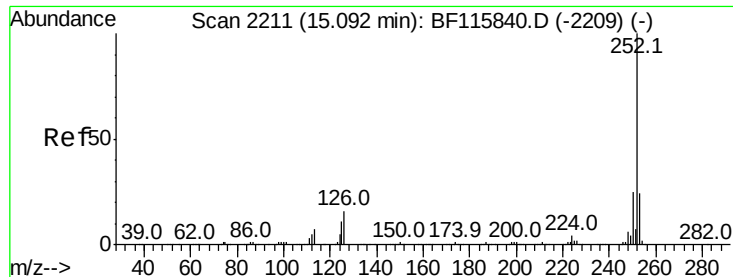
Delta R.T. -0.04 min

Lab File: BF116271.D

Acq: 15 Aug 2019 11:32

Tgt Ion:	252	Resp:	1060320
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.8
125	11.0	8.4	12.6





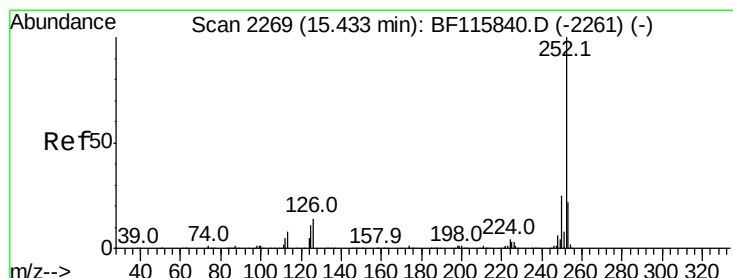
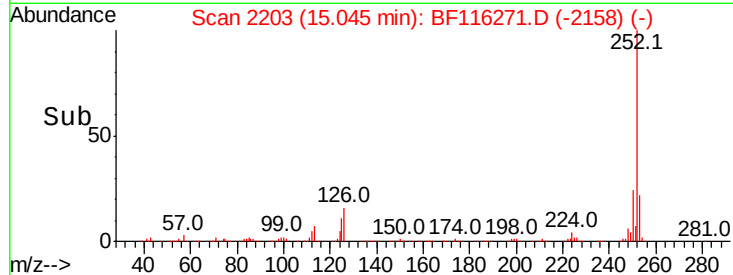
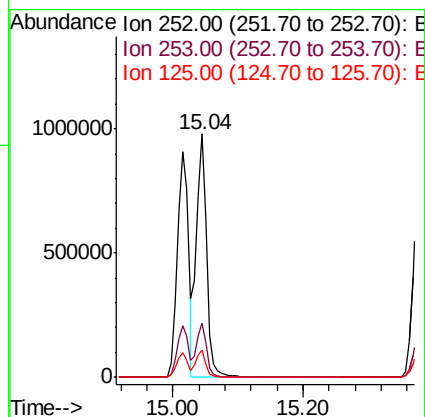
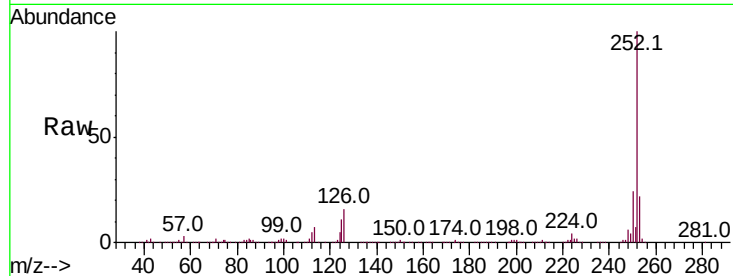
#89
Benzo(k)fluoranthene
Concen: 40.336 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	11.0	7.7	11.5

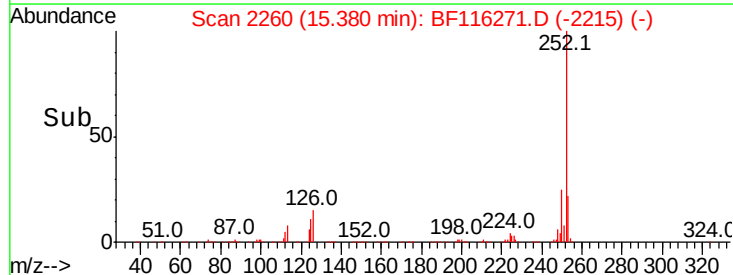
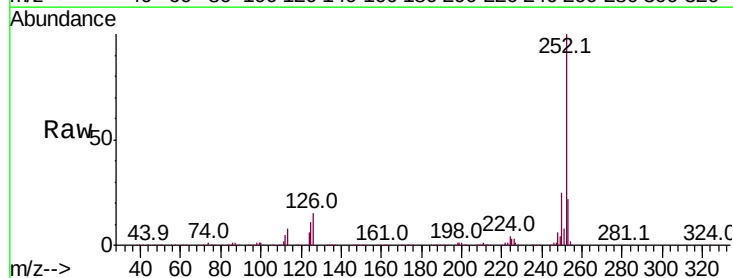
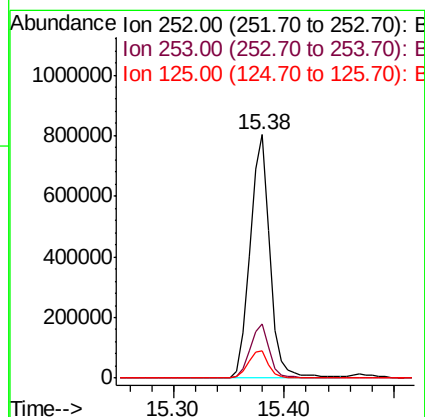
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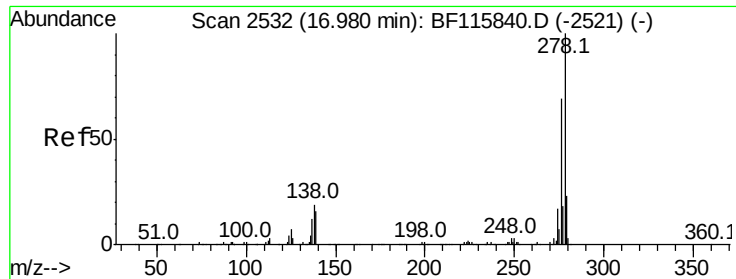
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#90
Benzo(a)pyrene
Concen: 41.255 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.2	8.9	13.3





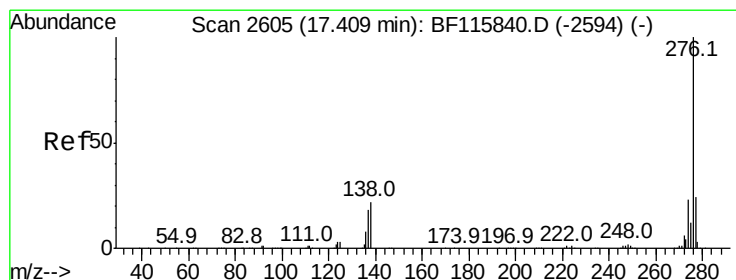
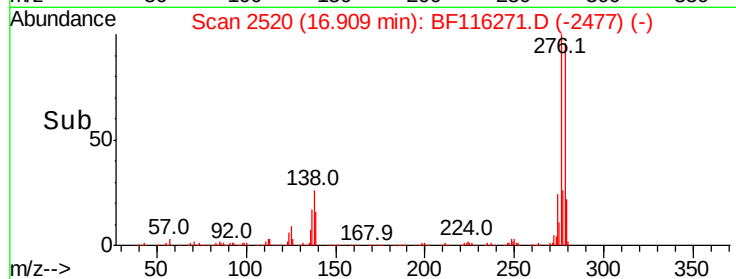
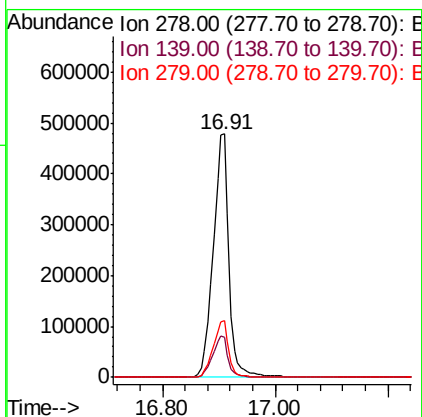
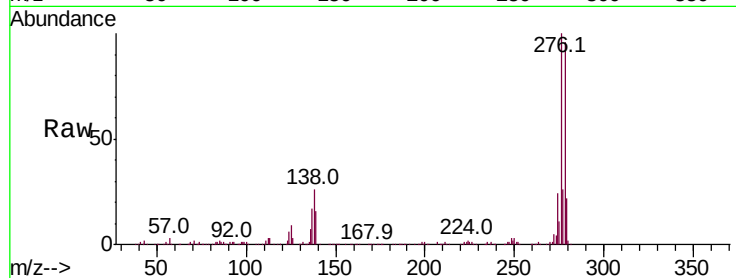
#91
Dibenzo(a,h)anthracene
Concen: 43.678 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.05 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	23.2	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/20/2019 8:36:25 AM



#92
Benzo(g,h,i)perylene
Concen: 43.999 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.05 min
Lab File: BF116271.D
Acq: 15 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	22.6	17.0	25.6

