

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116420.D
 Acq On : 20 Aug 2019 8:33
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 8/21/2019 3:50:50 PM

Quant Time: Aug 20 15:13:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112816	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	468935	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	249616	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	436102	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	314500	20.00	ng	-0.01
87) Perylene-d12	15.42	264	297898	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	603737	89.59	ng	0.00
7) Phenol-d6	6.46	99	721191	84.82	ng	0.00
23) Nitrobenzene-d5	7.37	82	667402	82.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	196658	81.26	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1140375	85.57	ng	-0.01
79) Terphenyl-d14	12.90	244	1286094	86.17	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	137605	40.419	ng	99
3) Pyridine	3.28	79	345899	36.371	ng	99
4) n-Nitrosodimethylamine	3.23	42	144021	38.374	ng	99
6) Aniline	6.47	93	478261	39.277	ng	# 76
8) 2-Chlorophenol	6.60	128	330472	44.347	ng	97
9) Benzaldehyde	6.36	77	222865	37.989	ng	99
10) Phenol	6.47	94	414731	41.421	ng	84
11) bis(2-Chloroethyl)ether	6.54	93	316666	43.017	ng	97
12) 1,3-Dichlorobenzene	6.75	146	366239	42.525	ng	99
13) 1,4-Dichlorobenzene	6.82	146	370396	42.954	ng	99
14) 1,2-Dichlorobenzene	6.97	146	341816	43.049	ng	99
15) Benzyl Alcohol	6.96	79	266049	41.232	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	420742	41.903	ng	61
17) 2-Methylphenol	7.07	107	270510	42.870	ng	# 91
18) Hexachloroethane	7.31	117	135187	42.580	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	232348	44.099	ng	98
20) 3+4-Methylphenols	7.23	107	351561	47.081	ng	# 84
22) Acetophenone	7.22	105	446731	43.438	ng	# 94
24) Nitrobenzene	7.39	77	368703	42.032	ng	99
25) Isophorone	7.63	82	657288	42.313	ng	100
26) 2-Nitrophenol	7.71	139	180951	43.762	ng	96
27) 2,4-Dimethylphenol	7.75	122	258615	41.572	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	416534	43.262	ng	100
29) 2,4-Dichlorophenol	7.96	162	283093	43.099	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	312213	41.698	ng	99
31) Naphthalene	8.11	128	947003	42.915	ng	99
32) Benzoic acid	7.91	122	144240	32.887	ng	98
33) 4-Chloroaniline	8.16	127	408294	41.410	ng	98
34) Hexachlorobutadiene	8.22	225	183062	42.447	ng	100
35) Caprolactam	8.54	113	86174m	40.564	ng	
36) 4-Chloro-3-methylphenol	8.66	107	295315	43.217	ng	96
37) 2-Methylnaphthalene	8.80	142	614224	42.264	ng	99
38) 1-Methylnaphthalene	8.90	142	586227	42.638	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	286889	42.991	ng	100

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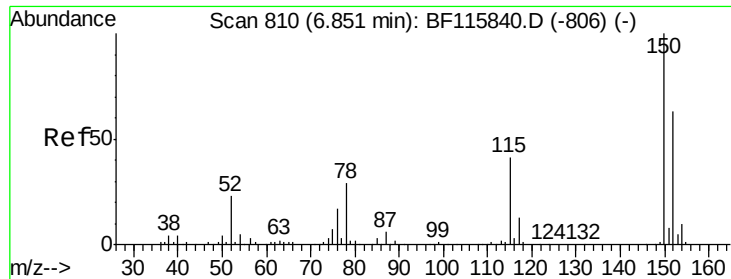
Manual Integrations
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 8/21/2019 3:50:50 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	95063	35.305	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	174010	37.884	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	176932	37.264	ng	97
46) 1,1'-Biphenyl	9.26	154	757288	42.972	ng	98
47) 2-Chloronaphthalene	9.29	162	613205	41.807	ng	100
48) 2-Nitroaniline	9.39	65	200027	41.259	ng	96
49) Acenaphthylene	9.70	152	904086	42.250	ng	97
50) Dimethylphthalate	9.56	163	709170	41.726	ng	100
51) 2,6-Dinitrotoluene	9.63	165	157233	42.570	ng	95
52) Acenaphthene	9.87	154	556163	42.366	ng	99
53) 3-Nitroaniline	9.80	138	184609	40.450	ng	100
54) 2,4-Dinitrophenol	9.93	184	57127	35.252	ng	97
55) Dibenzofuran	10.05	168	776891	40.694	ng	100
56) 4-Nitrophenol	9.99	139	103540	35.415	ng	94
57) 2,4-Dinitrotoluene	10.05	165	192559	39.157	ng	92
58) Fluorene	10.39	166	649178	44.198	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	145712	36.477	ng	97
60) Diethylphthalate	10.26	149	681965	42.977	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	329657	44.316	ng	100
62) 4-Nitroaniline	10.42	138	178367	37.818	ng	98
63) Azobenzene	10.53	77	706395	43.281	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	96543	41.775	ng	99
66) n-Nitrosodiphenylamine	10.50	169	562957	42.888	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	200399	42.926	ng	99
68) Hexachlorobenzene	10.95	284	227461	42.135	ng	93
69) Atrazine	11.02	200	156583	36.261	ng	98
70) Pentachlorophenol	11.15	266	104636	39.924	ng	98
71) Phenanthrene	11.35	178	941917	42.249	ng	100
72) Anthracene	11.40	178	954276	42.294	ng	99
73) Carbazole	11.56	167	881764	43.075	ng	100
74) Di-n-butylphthalate	11.87	149	1093643	45.799	ng	99
75) Fluoranthene	12.54	202	1001069	42.891	ng	98
77) Benzidine	12.66	184	436119	41.046	ng	98
78) Pyrene	12.77	202	1017310	42.911	ng	100
80) Butylbenzylphthalate	13.37	149	458044	45.675	ng	96
81) Benzo(a)anthracene	13.96	228	873326	43.445	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	305654	43.767	ng	99
83) Chrysene	13.99	228	830288	42.545	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	632382	48.526	ng	97
85) Di-n-octyl phthalate	14.53	149	985099	47.591	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	678807	41.413	ng	99
88) Benzo(b)fluoranthene	15.00	252	756247	43.904	ng	99
89) Benzo(k)fluoranthene	15.03	252	679879	40.524	ng	98
90) Benzo(a)pyrene	15.36	252	656849	42.659	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	568289	42.638	ng	99
92) Benzo(g,h,i)perylene	17.32	276	546781	41.772	ng	99

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



#1

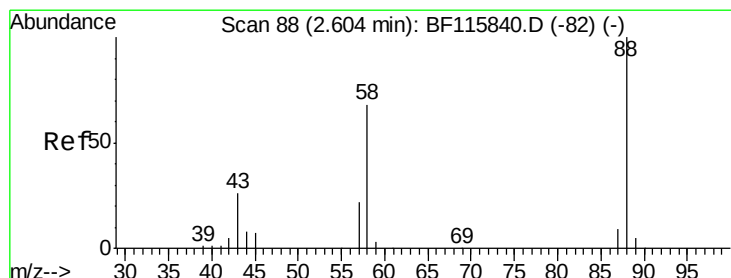
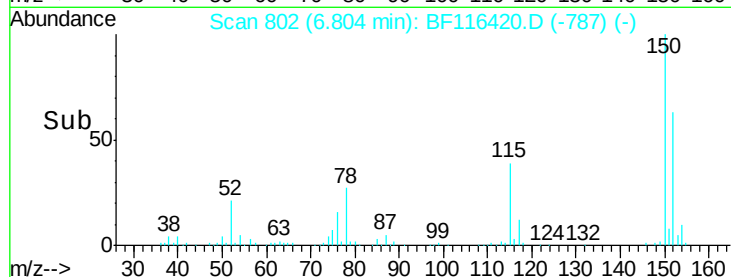
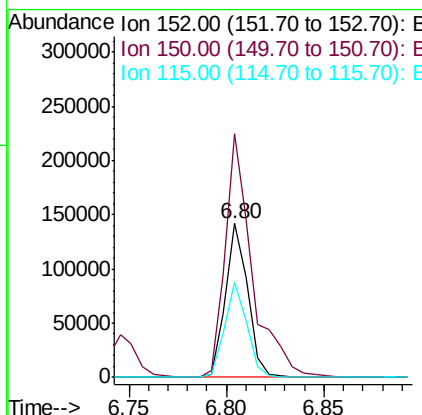
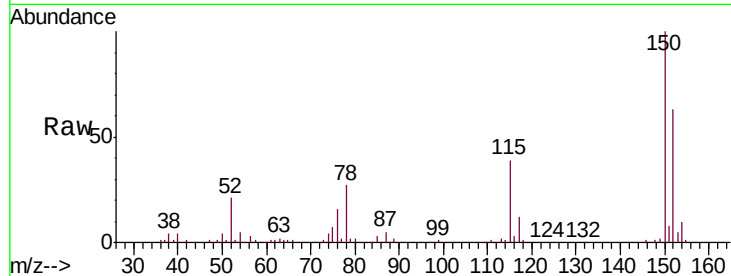
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	61.8	49.9	74.9

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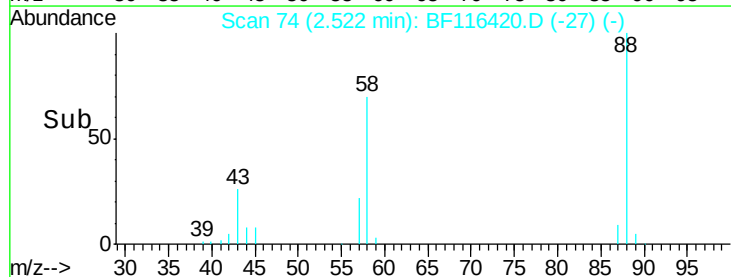
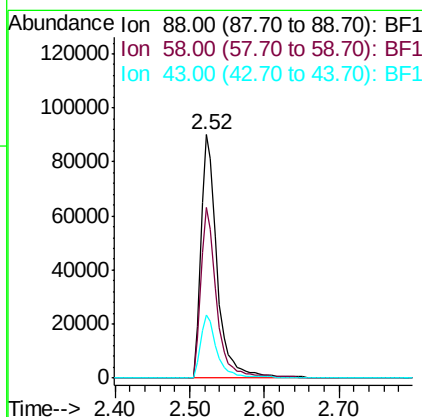
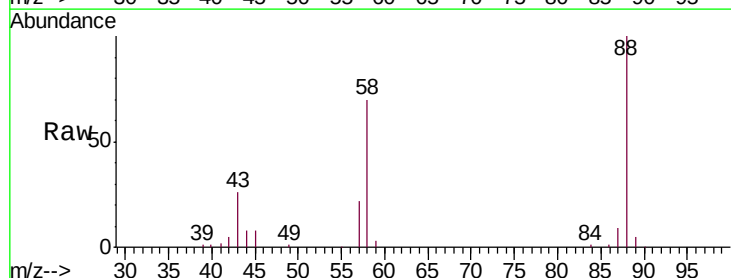
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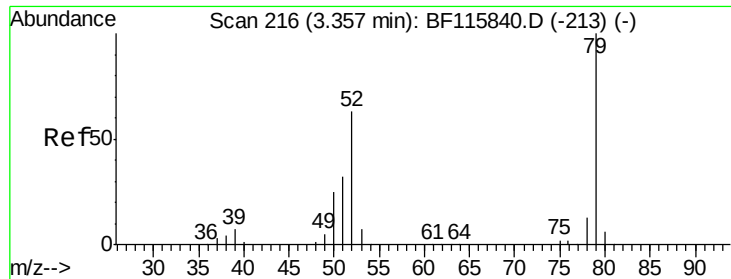


#2

1,4-Dioxane
Concen: 40.419 ng
RT: 2.52 min Scan# 74
Delta R.T. -0.02 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	53.7	80.5
43	26.0	21.0	31.4





#3

Pyridine

Concen: 36.371 ng

RT: 3.28 min Scan# 202

Delta R.T. -0.02 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

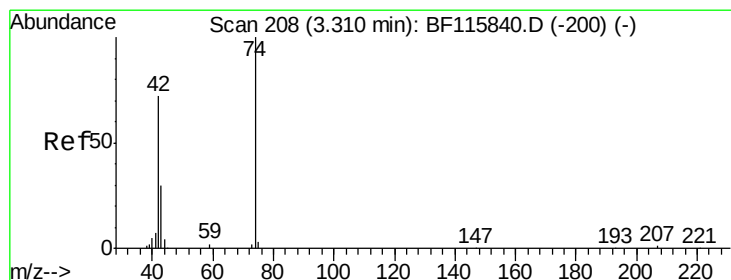
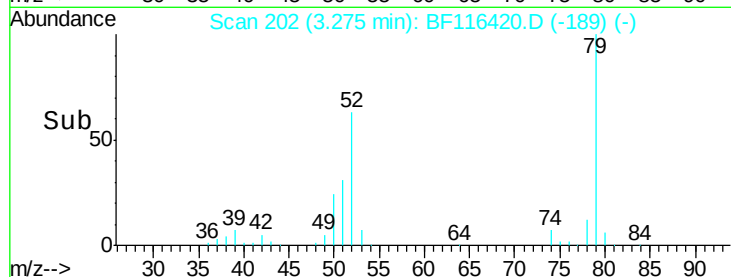
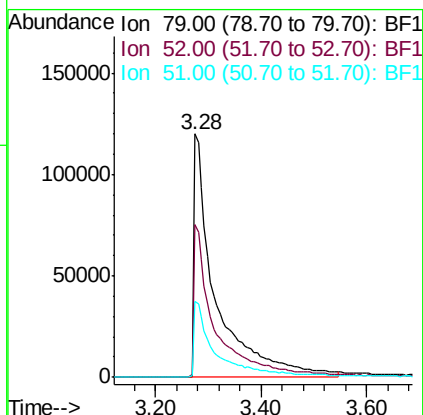
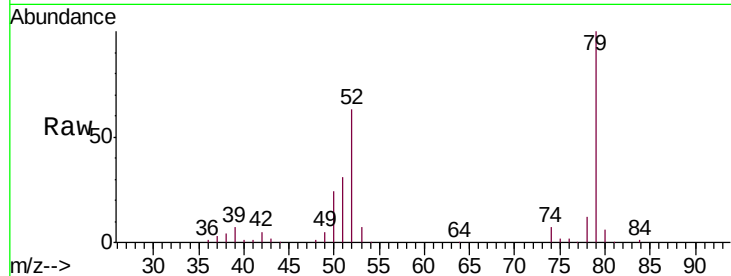
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	345899
Ion	Ratio	Lower	Upper
79	100		
52	62.8	49.8	74.8
51	31.1	25.2	37.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.374 ng

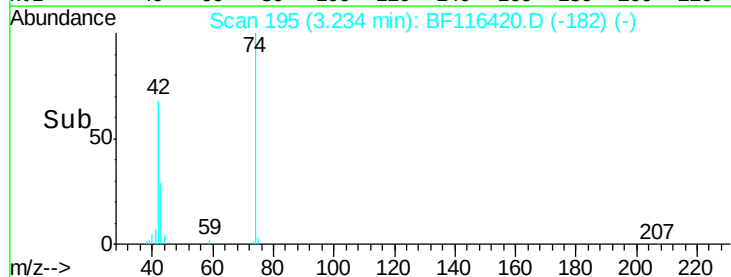
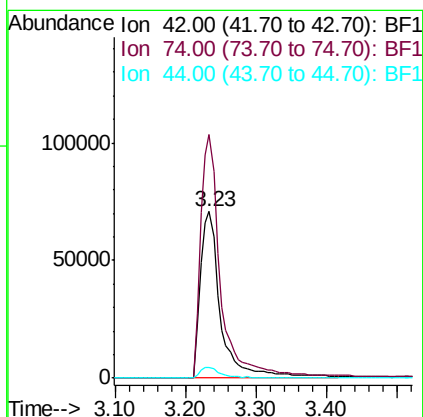
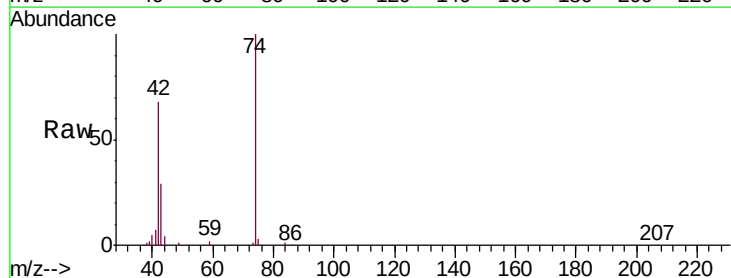
RT: 3.23 min Scan# 195

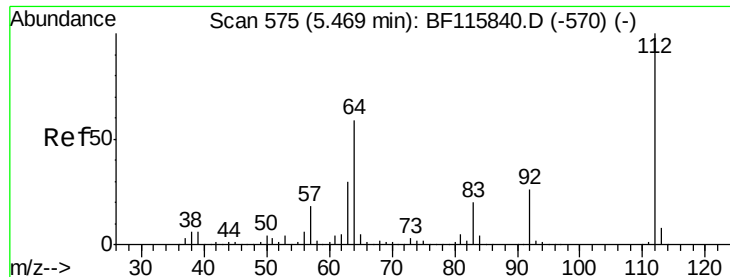
Delta R.T. -0.02 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Tgt Ion:	42	Resp:	144021
Ion	Ratio	Lower	Upper
42	100		
74	146.4	116.0	174.0
44	6.5	4.6	7.0





#5

2-Fluorophenol

Concen: 89.588 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

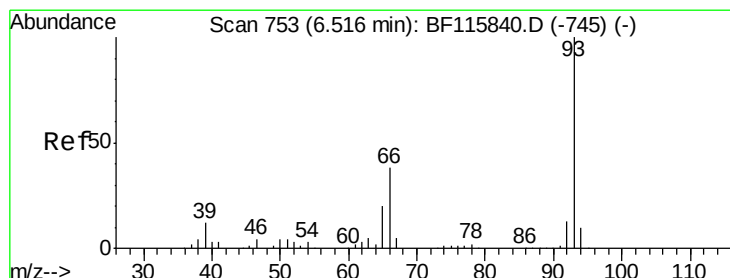
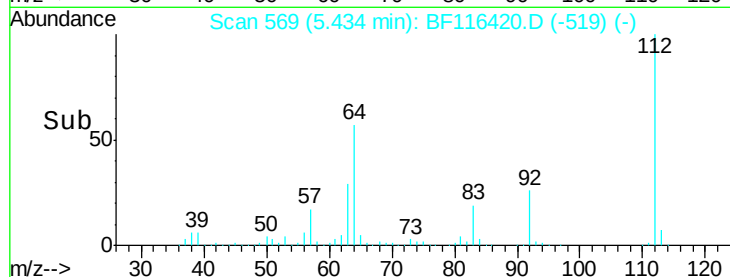
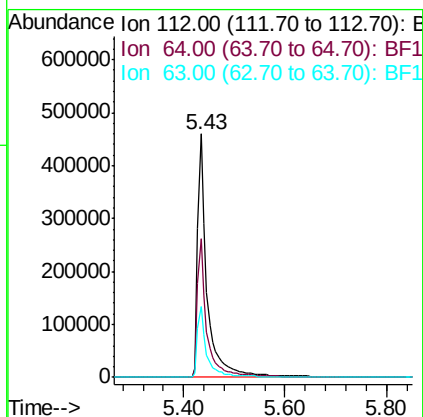
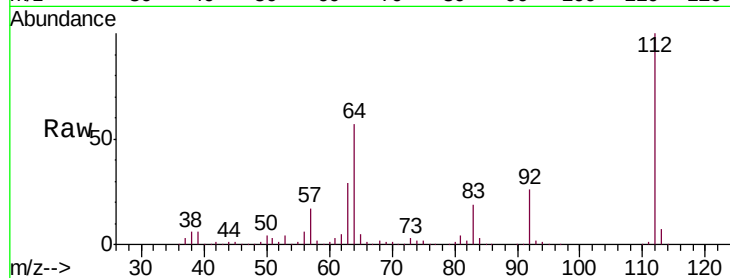
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	603737
Ion Ratio	Lower	Upper	
112	100		
64	56.9	45.4	68.2
63	29.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 39.277 ng

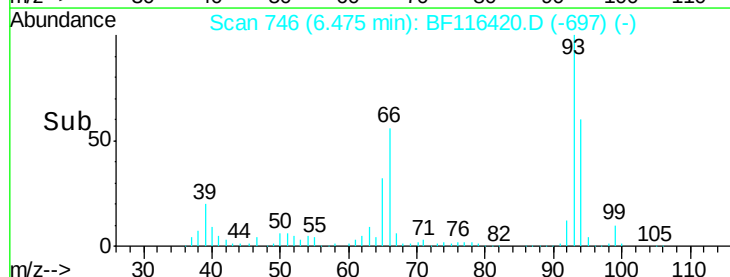
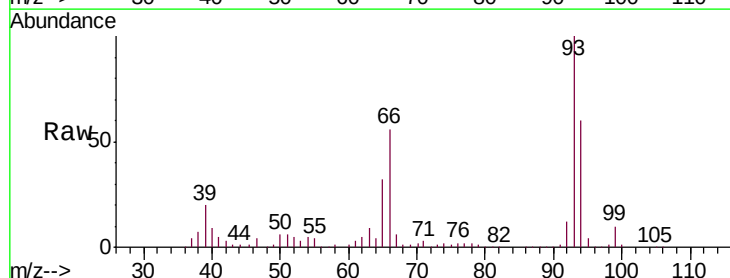
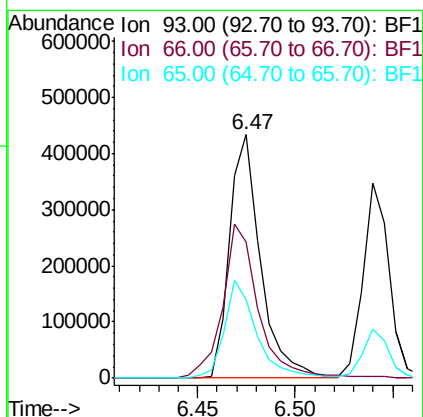
RT: 6.47 min Scan# 746

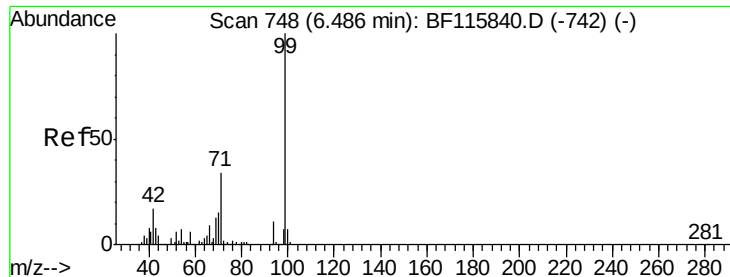
Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Tgt Ion:	93	Resp:	478261
Ion Ratio	Lower	Upper	
93	100		
66	55.7	32.2	48.4#
65	32.4	17.0	25.6#





#7

Phenol-d6

Concen: 84.821 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

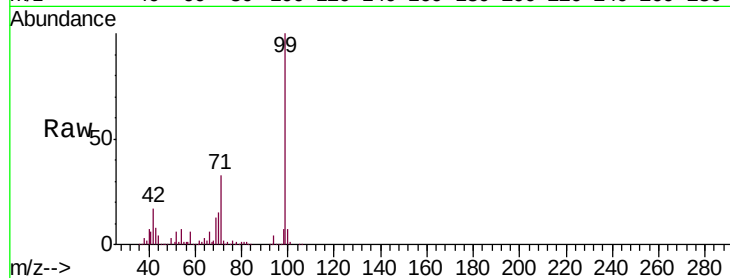
ClientSampleId :

SSTDCCC040

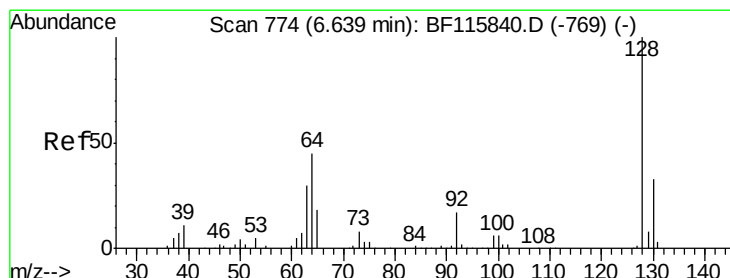
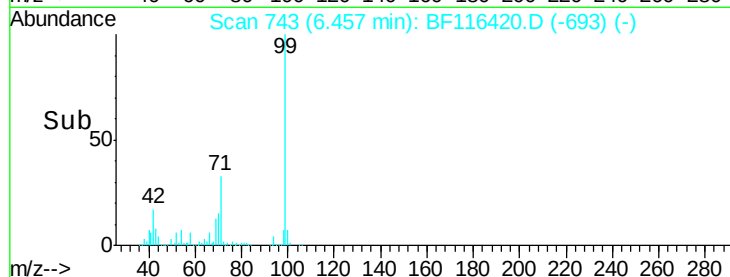
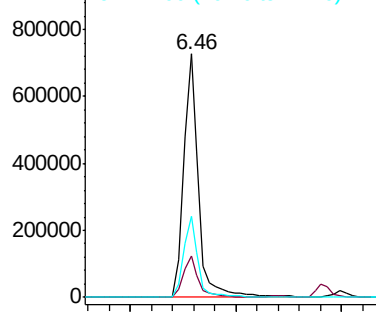
Tgt Ion	Ratio	Resp	Lower	Upper
99	100	721191		
42	16.9	13.8	20.8	
71	33.2	27.3	40.9	

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.347 ng

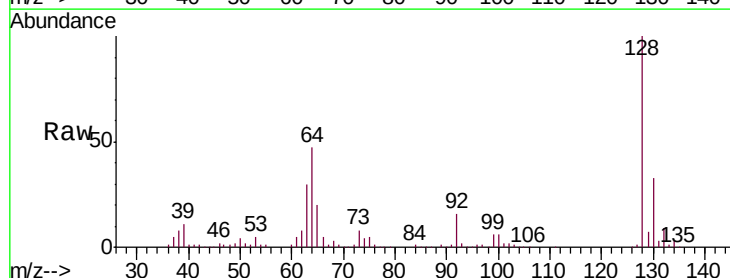
RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

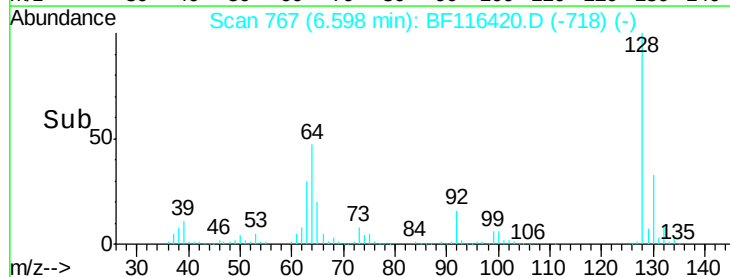
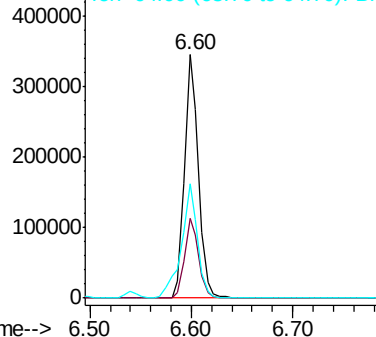
Lab File: BF116420.D

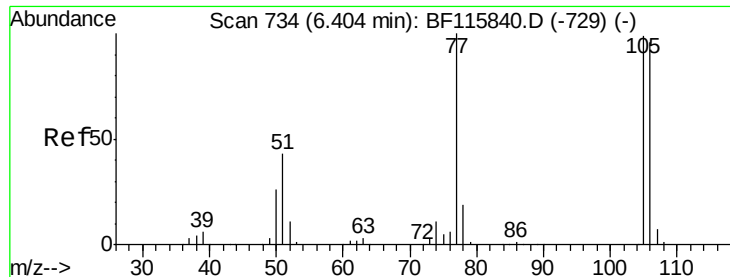
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	330472		
130	32.6	12.9	52.9	
64	46.9	24.3	64.3	



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





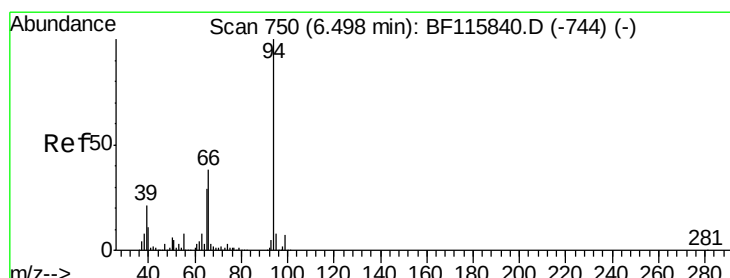
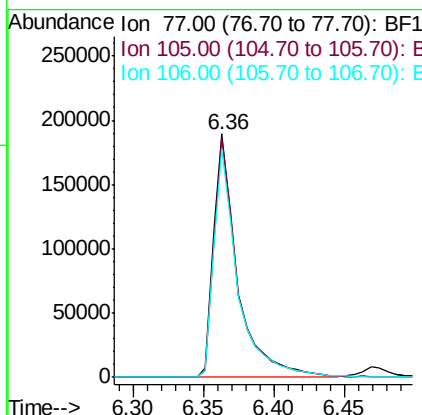
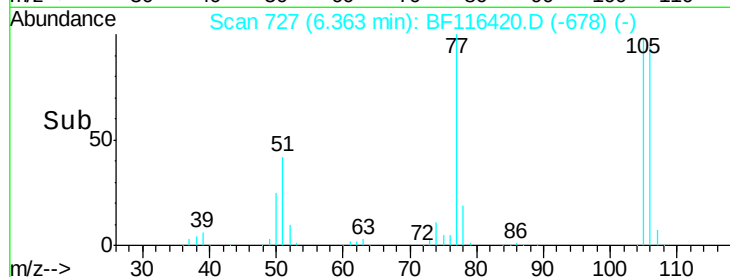
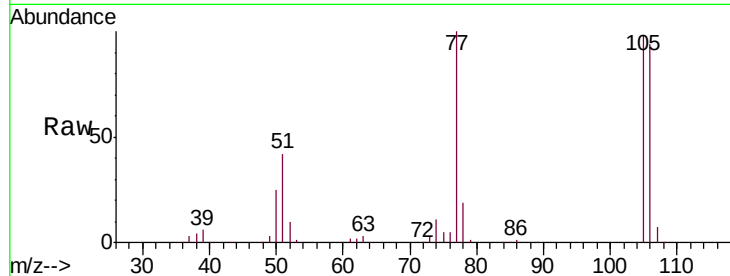
#9
Benzaldehyde
Concen: 37.989 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	222865		
105	98.4	79.2	119.2	
106	94.0	74.3	114.3	

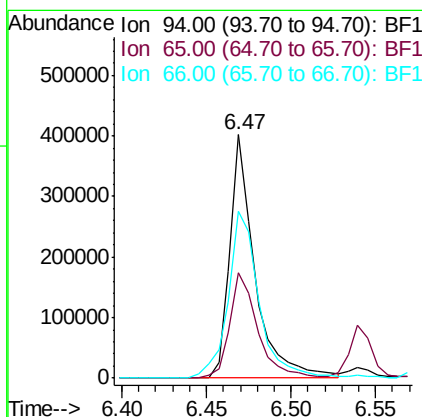
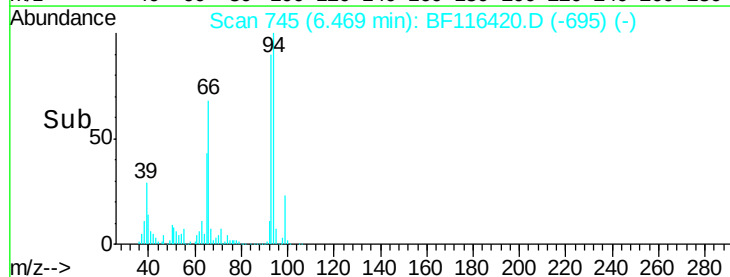
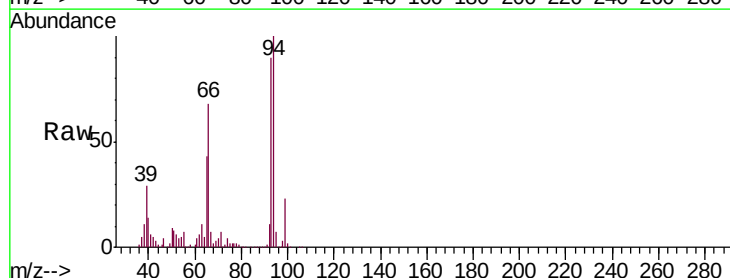
Manual Integrations
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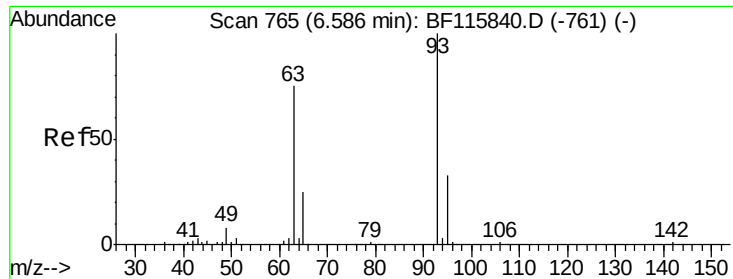
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8/21/2019 3:50:50 PM



#10
Phenol
Concen: 41.421 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	414731		
65	43.1	16.8	56.8	
66	68.5	34.2	74.2	





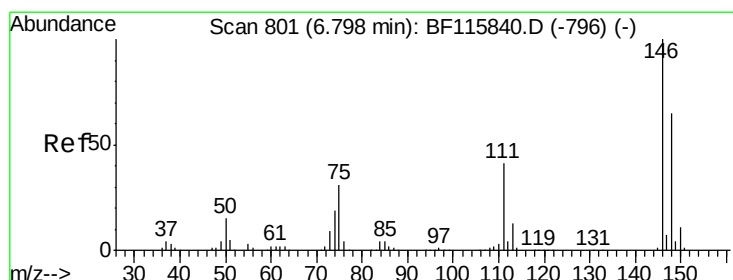
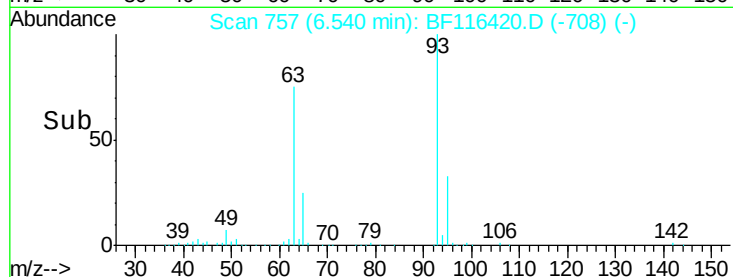
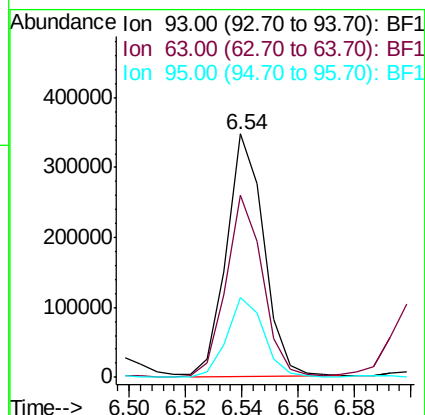
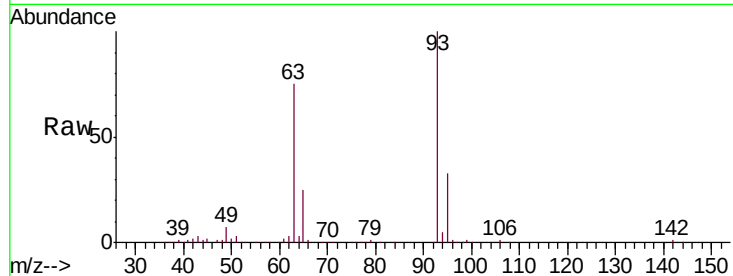
#11
bis(2-Chloroethyl)ether
Concen: 43.017 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.0	51.9	91.9
95	32.5	13.0	53.0

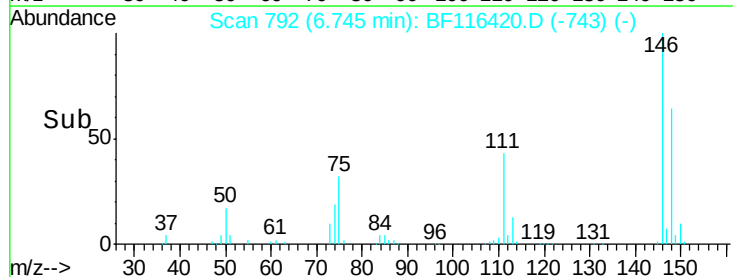
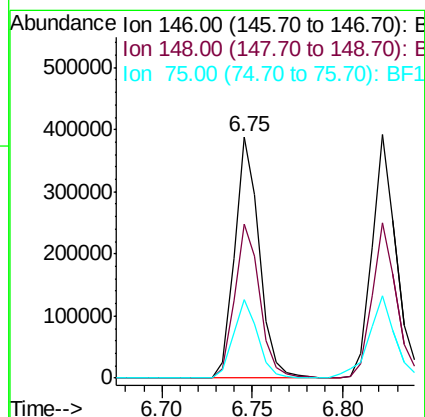
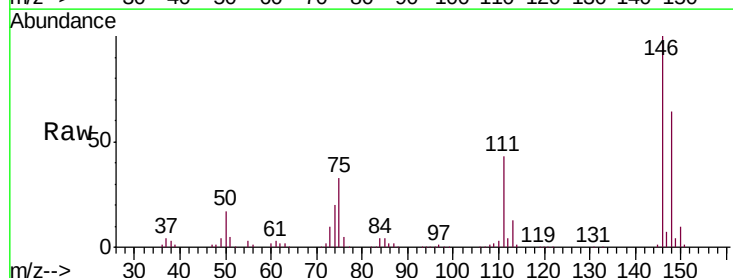
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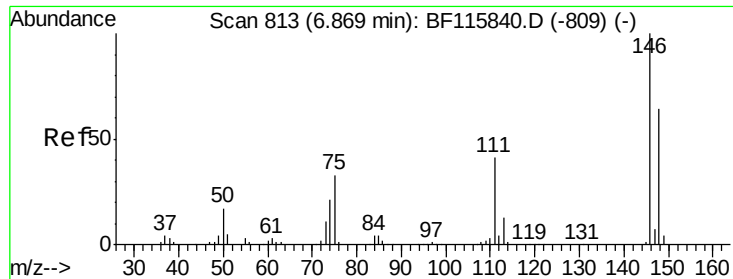
Jagrut
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#12
1,3-Dichlorobenzene
Concen: 42.525 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	32.6	27.4	41.2





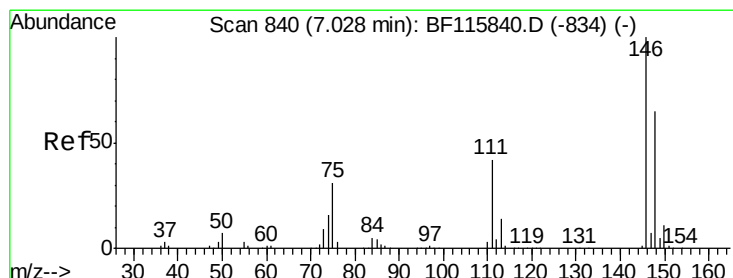
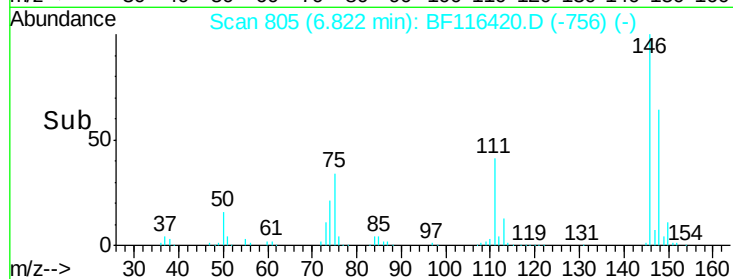
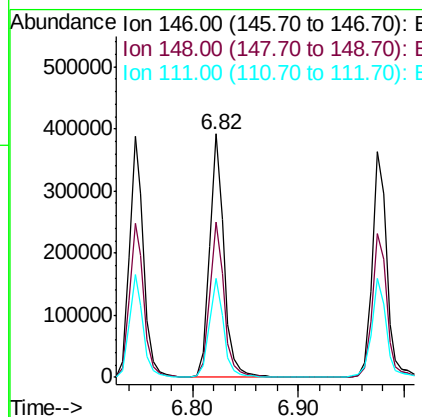
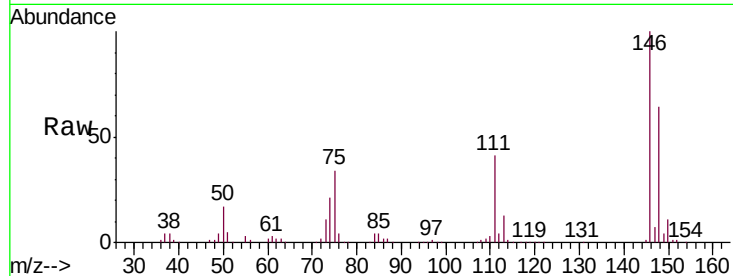
#13
 1,4-Dichlorobenzene
 Concen: 42.954 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	370396		
148	64.0	51.3	76.9	
111	40.6	34.0	51.0	

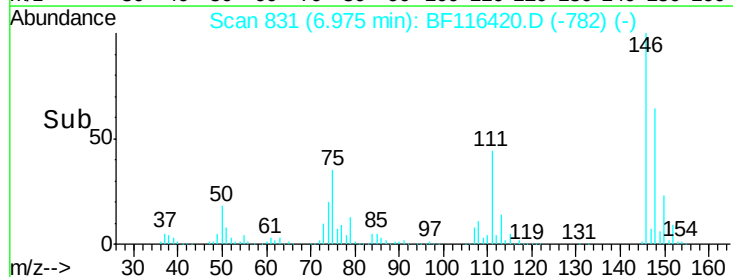
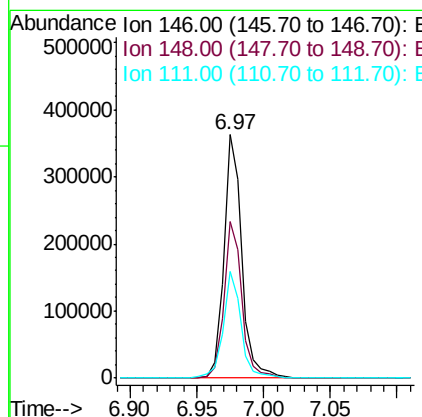
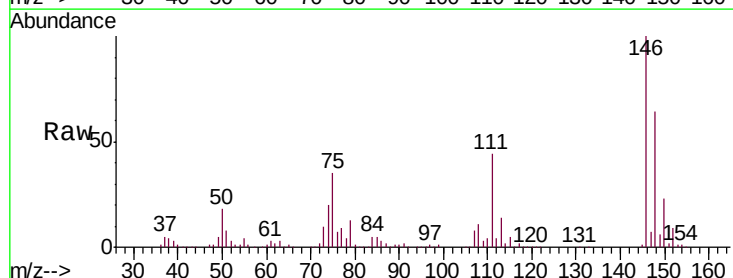
Manual Integrations
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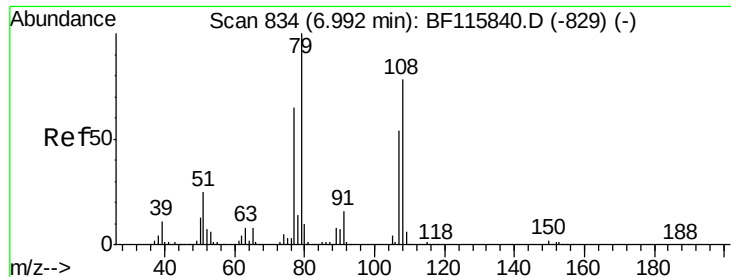
Jagrut
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#14
 1,2-Dichlorobenzene
 Concen: 43.049 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	341816		
148	64.1	51.2	76.8	
111	43.7	33.5	50.3	





#15

Benzyl Alcohol

Concen: 41.232 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

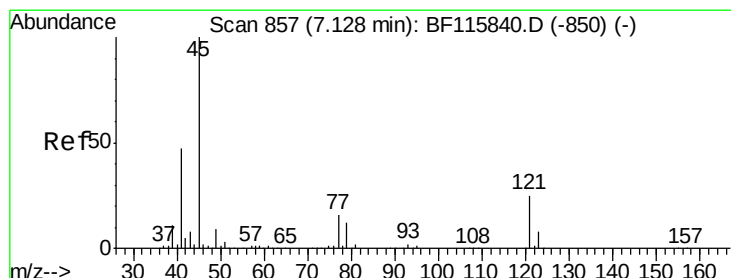
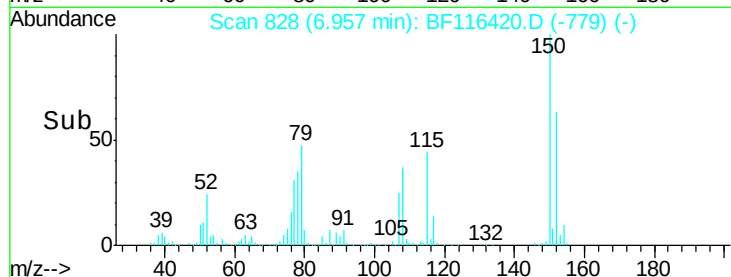
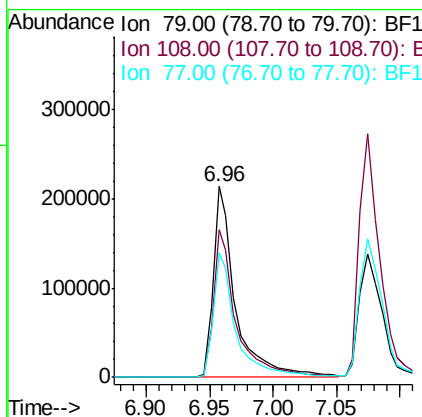
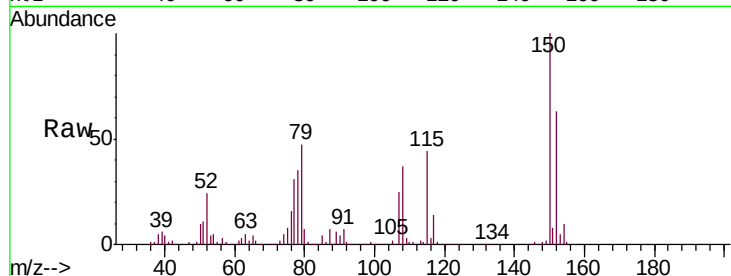
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	266049
Ion Ratio	Lower	Upper	
79	100		
108	77.5	62.7	94.1
77	65.2	52.2	78.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.903 ng

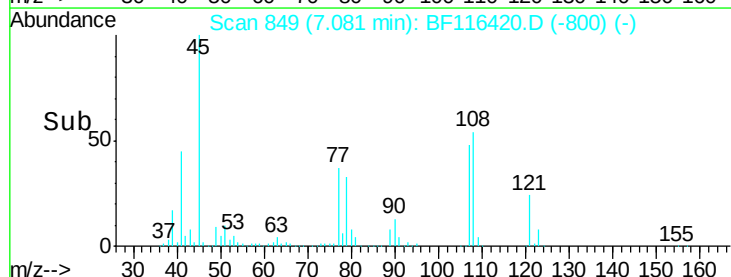
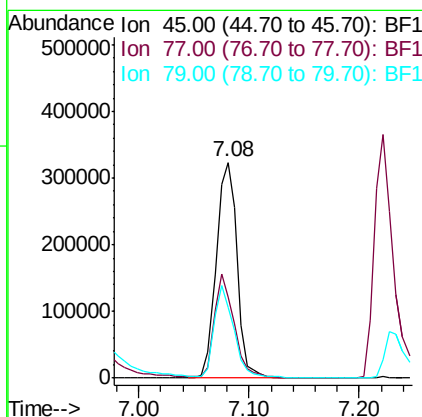
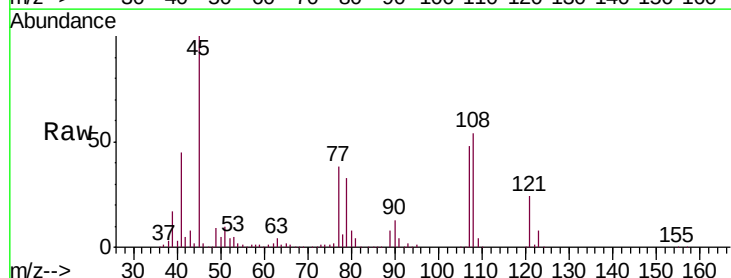
RT: 7.08 min Scan# 849

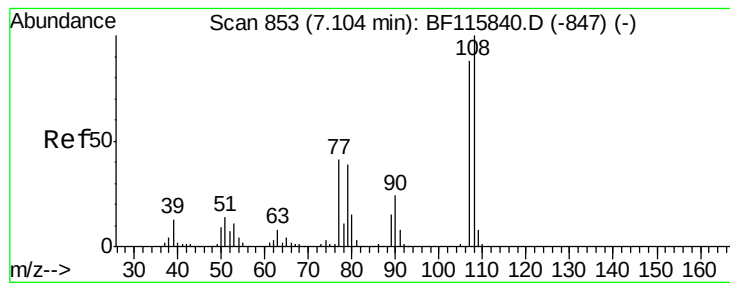
Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Tgt Ion:	45	Resp:	420742
Ion Ratio	Lower	Upper	
45	100		
77	37.5	0.0	40.0
79	32.7	0.0	35.9





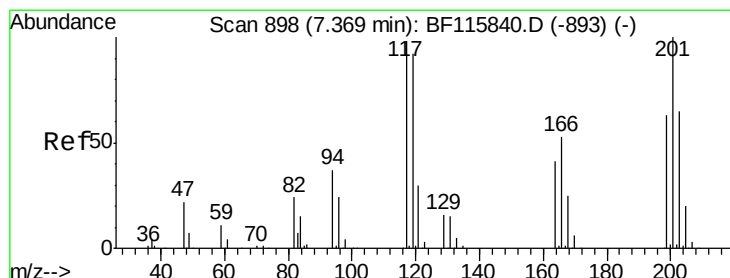
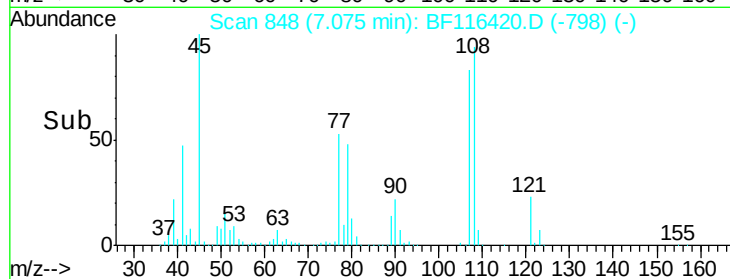
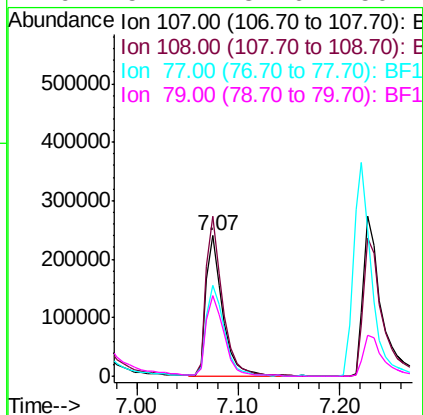
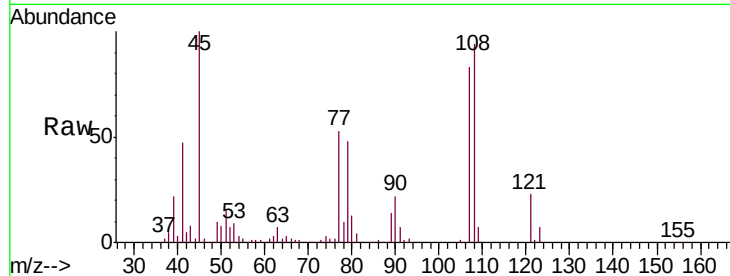
#17
2-Methylphenol
Concen: 42.870 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	270510		
108	113.4	91.2	136.8	
77	64.6	40.3	60.5	
79	57.7	37.6	56.4	

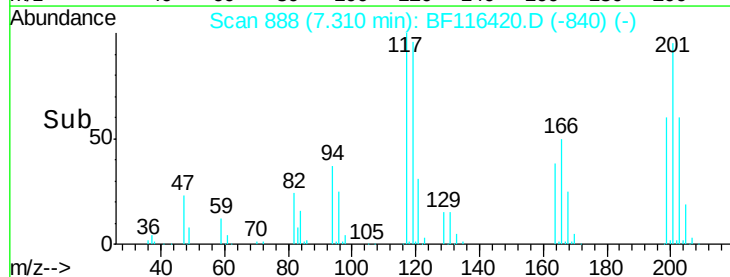
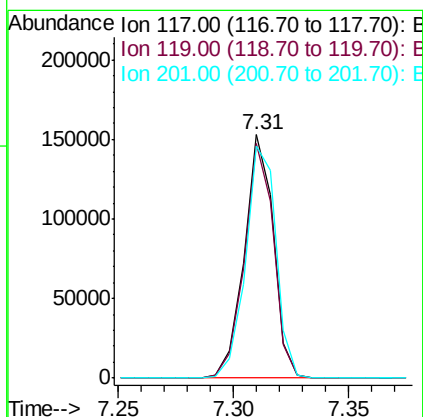
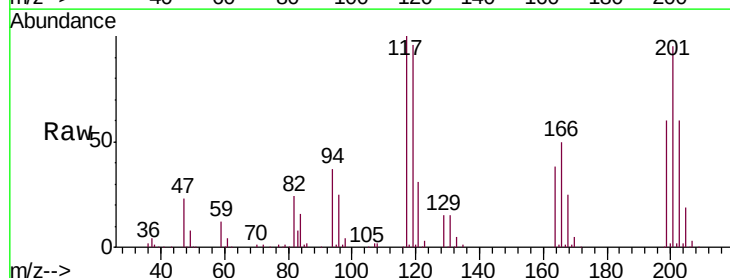
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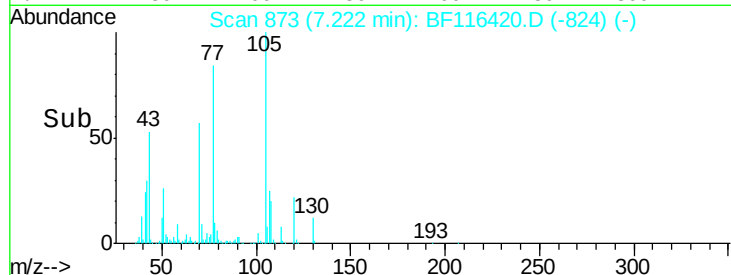
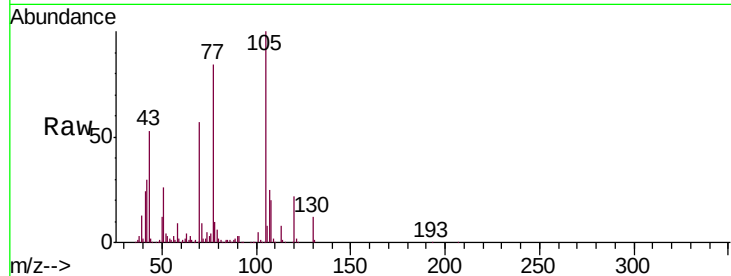
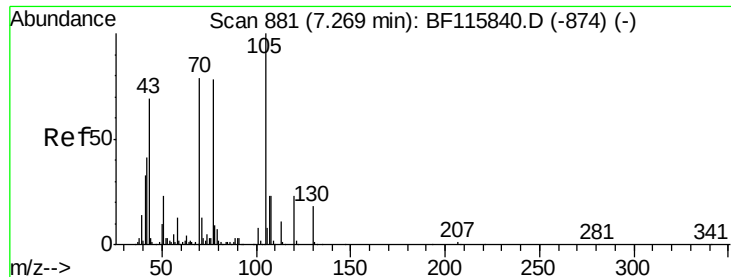
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#18
Hexachloroethane
Concen: 42.580 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	135187		
119	96.2	76.1	114.1	
201	95.4	77.0	115.4	





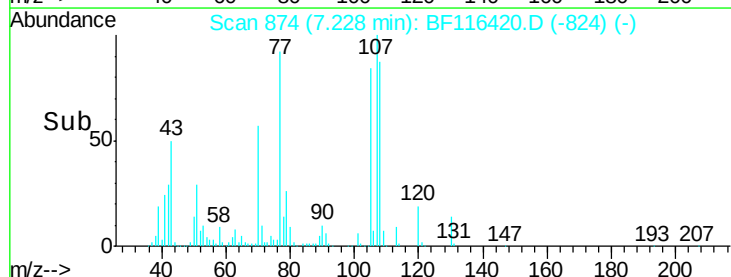
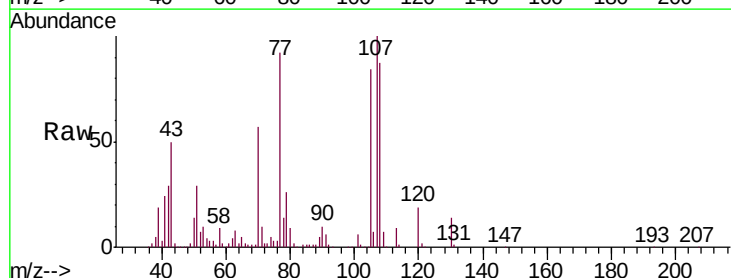
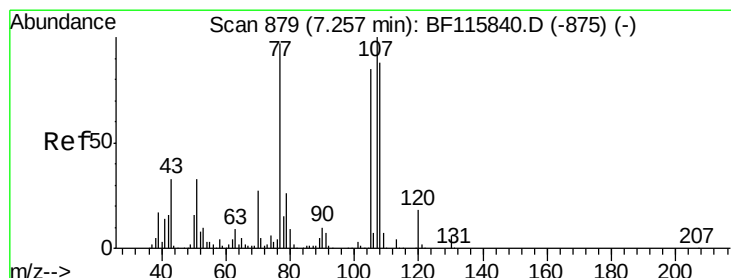
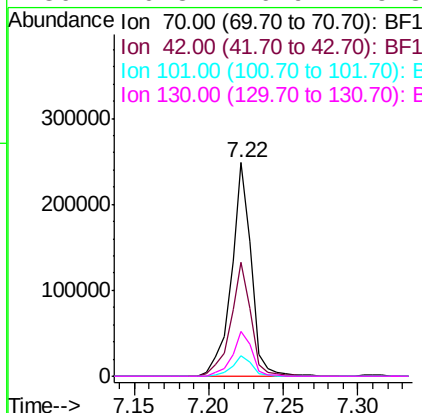
#19
n-Nitroso-di-n-propylamine
Concen: 44.099 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.3	40.9	61.3
101	9.4	7.9	11.9
130	20.8	16.9	25.3

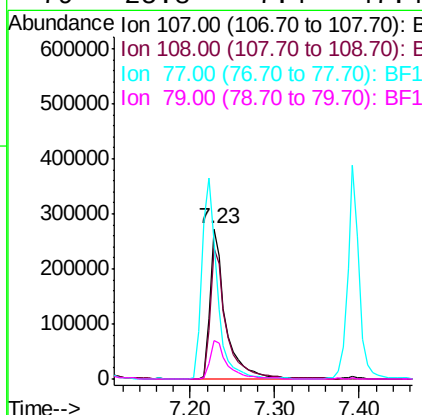
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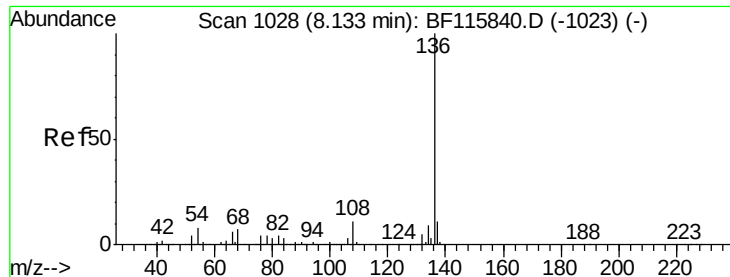
Jagrut
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#20
3+4-Methylphenols
Concen: 47.081 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	67.6	107.6
77	91.7	104.4	144.4#
79	25.8	7.4	47.4





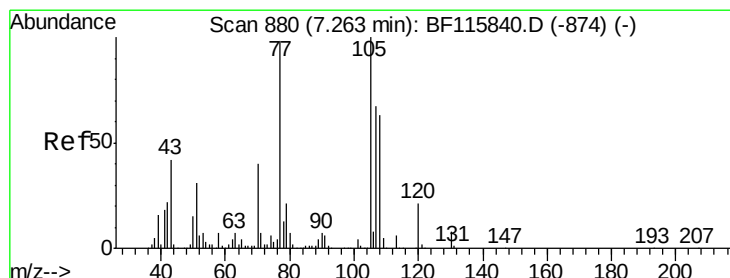
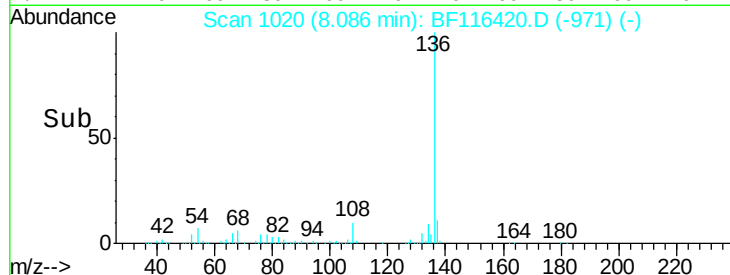
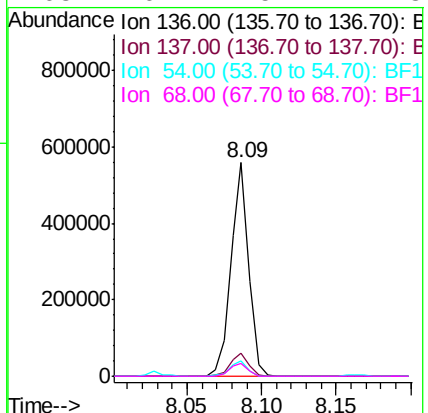
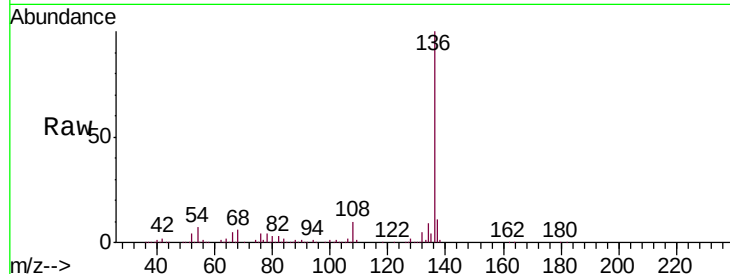
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	468935		
137	11.0	9.0	13.4	
54	6.9	5.8	8.6	
68	6.2	5.2	7.8	

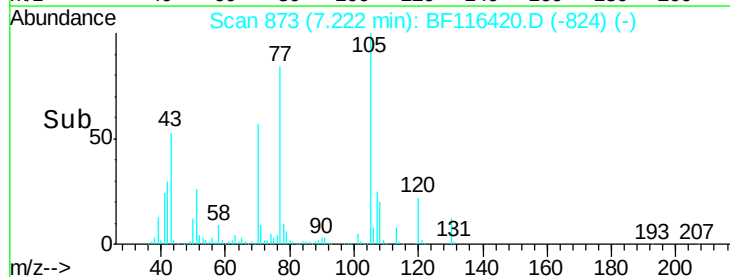
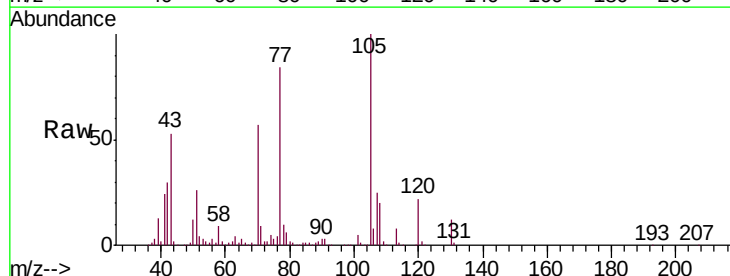
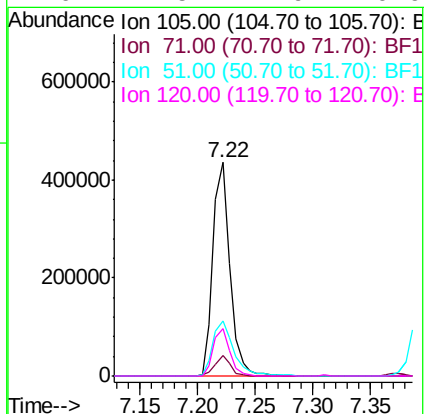
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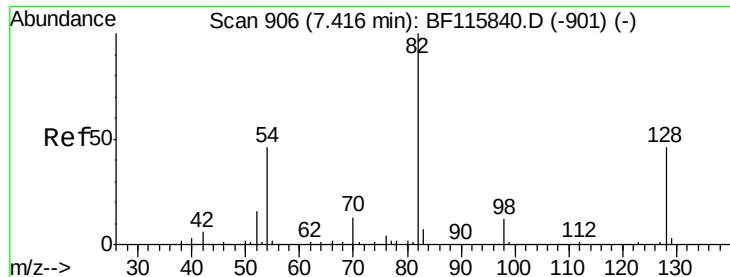
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#22
Acetophenone
Concen: 43.438 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	446731		
71	9.4	5.9	8.9#	
51	25.8	25.3	37.9	
120	22.5	17.9	26.9	





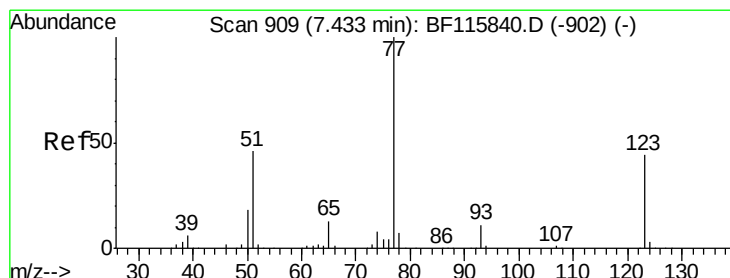
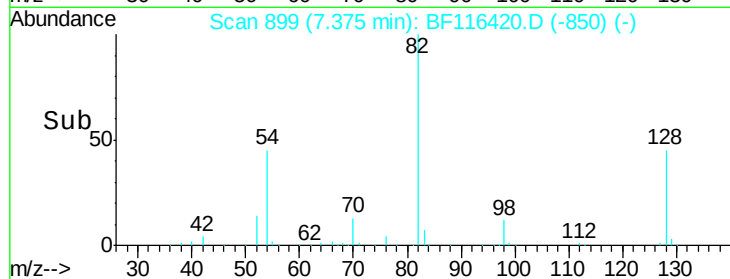
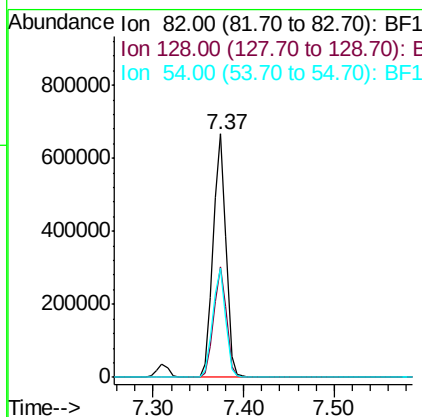
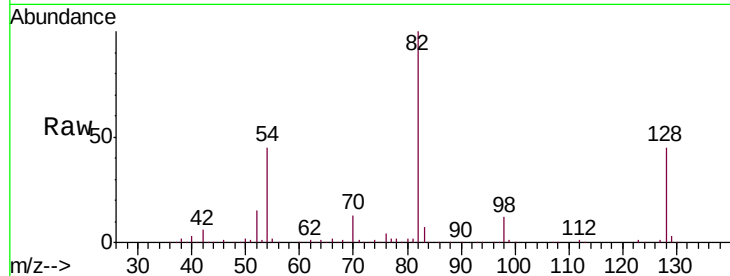
#23
 Nitrobenzene-d5
 Concen: 82.153 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	667402		
128	45.2	36.5	54.7	
54	45.0	36.0	54.0	

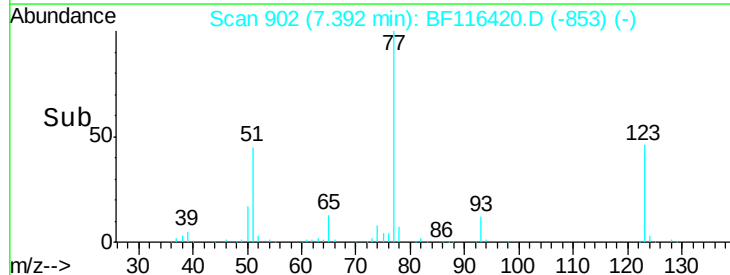
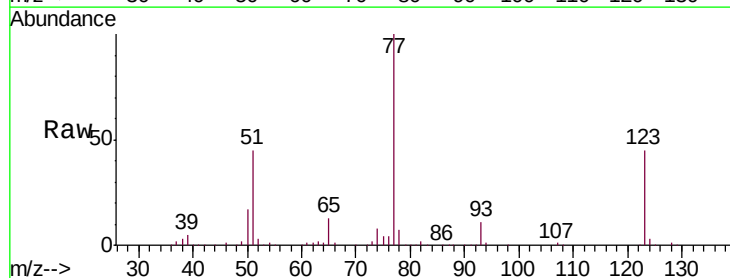
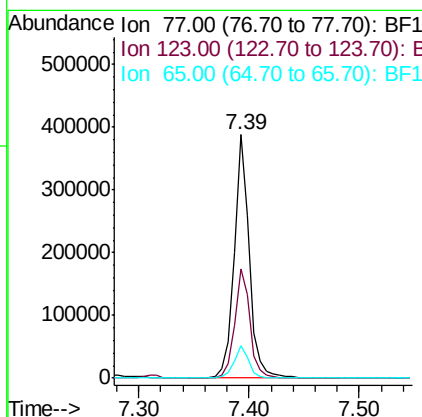
Manual Integrations
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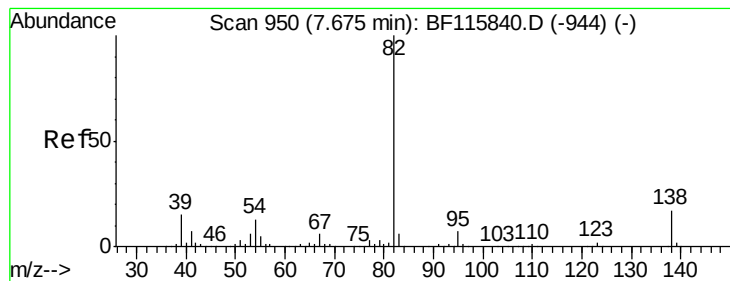
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#24
 Nitrobenzene
 Concen: 42.032 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	368703		
123	44.9	36.7	55.1	
65	13.2	10.6	16.0	





#25

Isophorone

Concen: 42.313 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

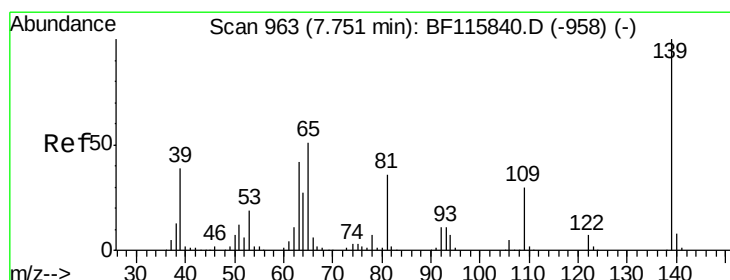
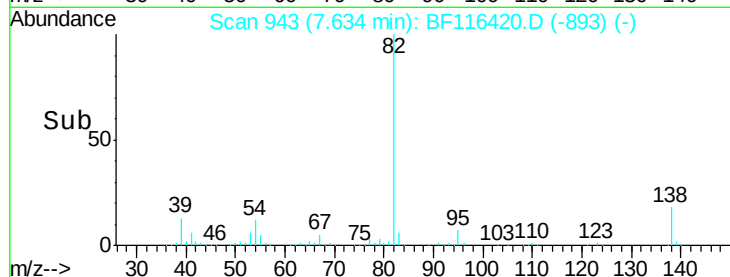
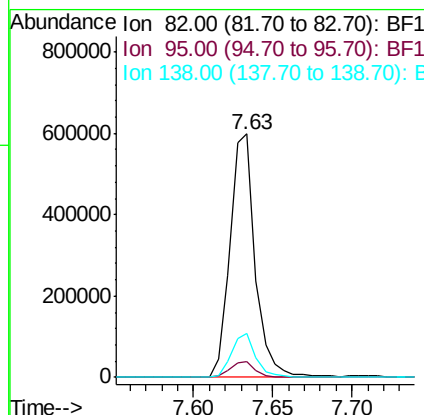
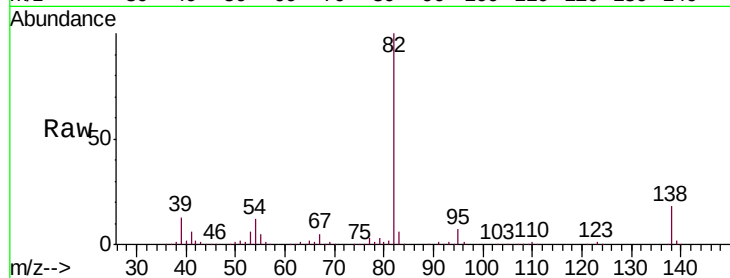
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	657288
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.0
138	18.1	14.5	21.7

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#26

2-Nitrophenol

Concen: 43.762 ng

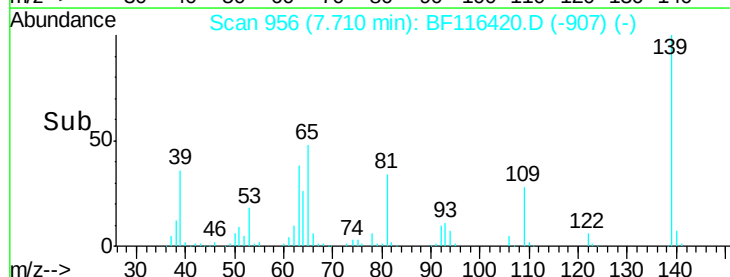
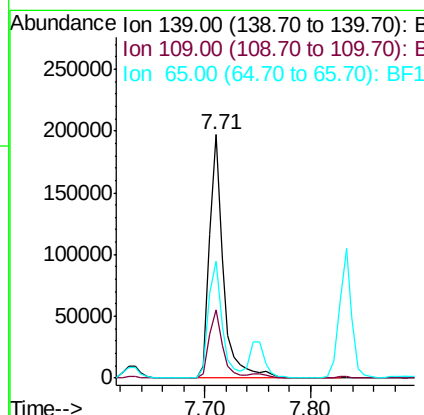
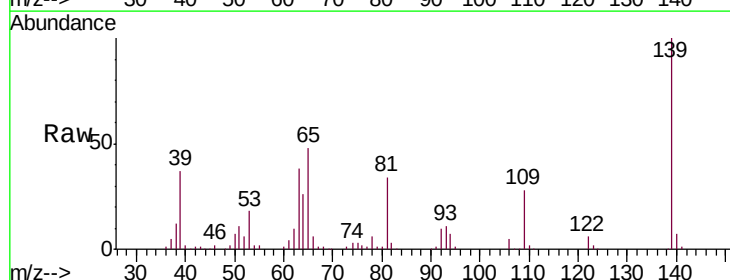
RT: 7.71 min Scan# 956

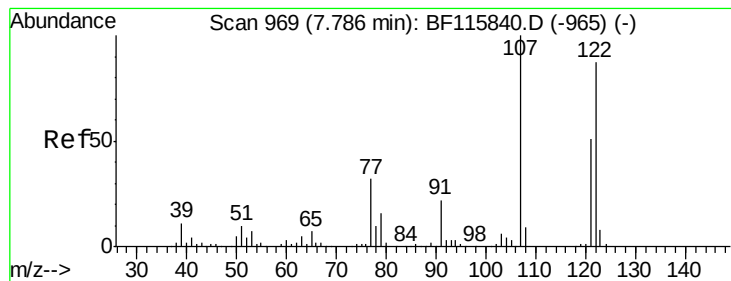
Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Tgt Ion:	139	Resp:	180951
Ion Ratio	Lower	Upper	
139	100		
109	27.9	23.4	35.2
65	48.0	41.1	61.7





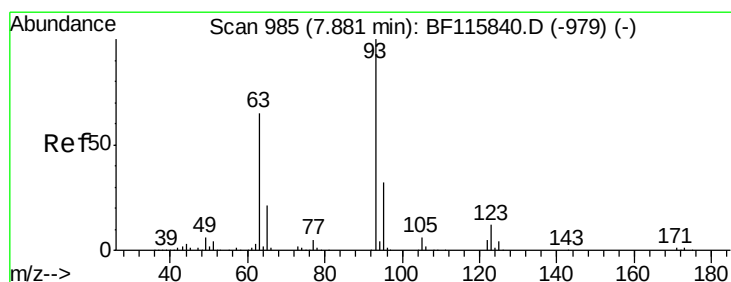
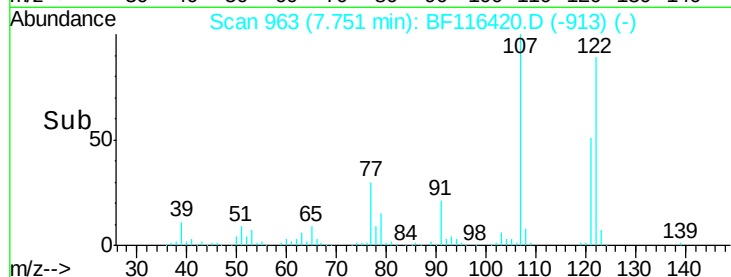
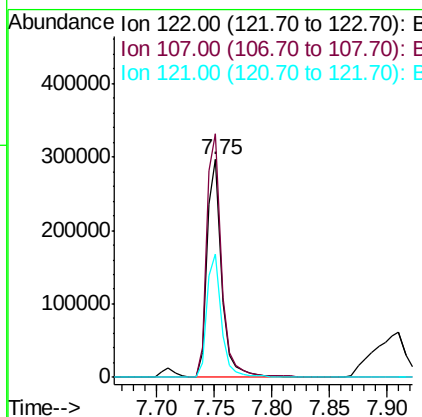
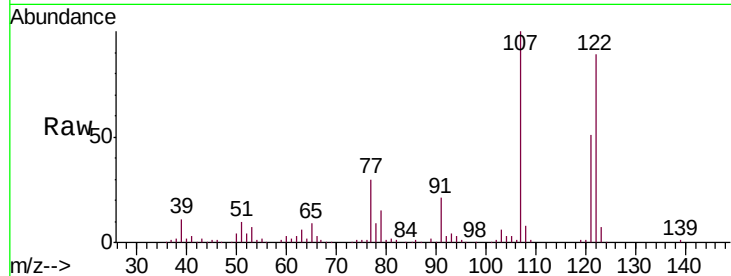
#27
 2,4-Dimethylphenol
 Concen: 41.572 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	258615		
107	111.9	93.0	139.6	
121	56.8	47.6	71.4	

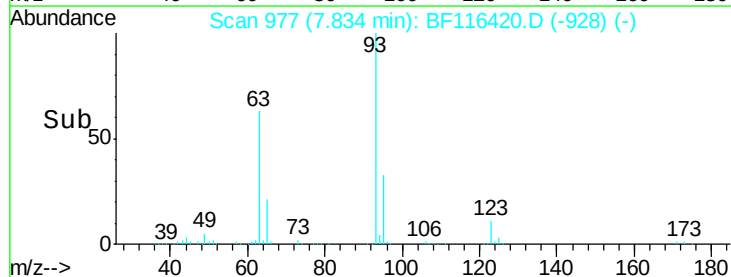
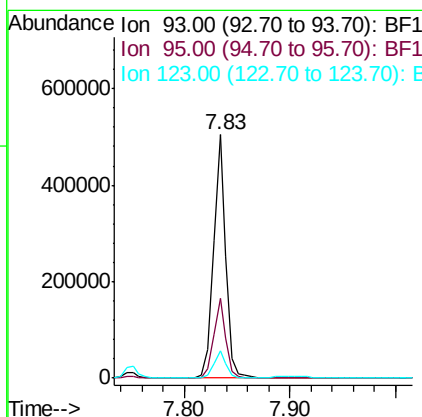
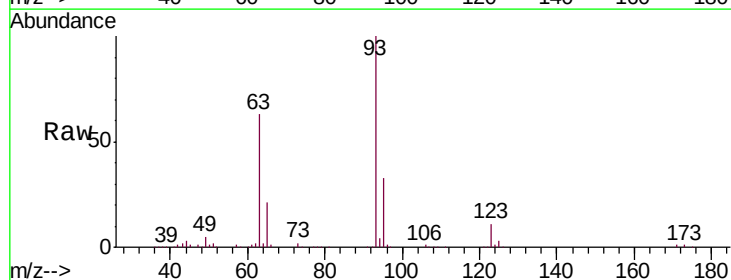
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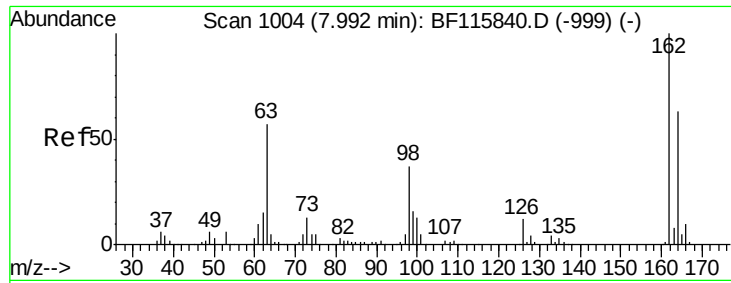
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.262 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	416534		
95	32.7	26.2	39.4	
123	11.1	9.2	13.8	





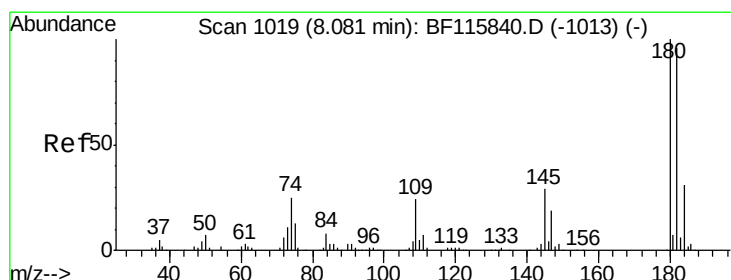
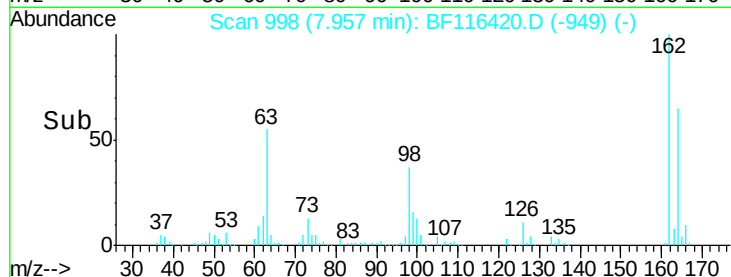
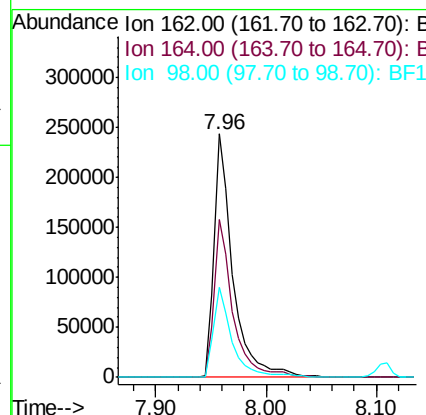
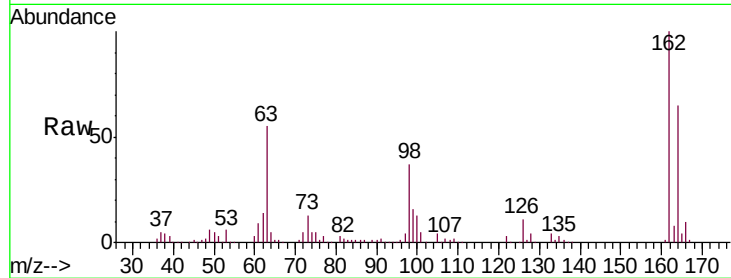
#29
2,4-Dichlorophenol
Concen: 43.099 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	45.1	85.1
98	37.2	15.8	55.8

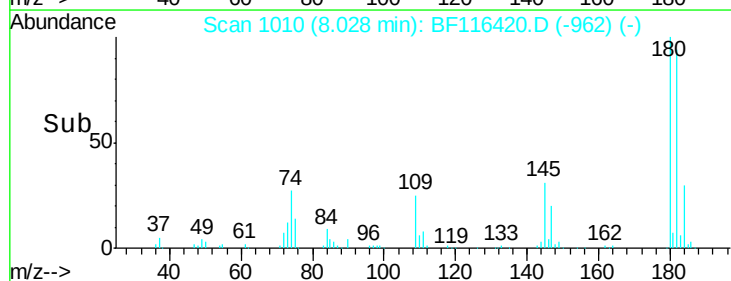
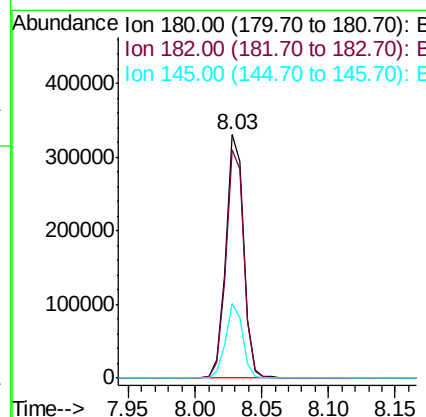
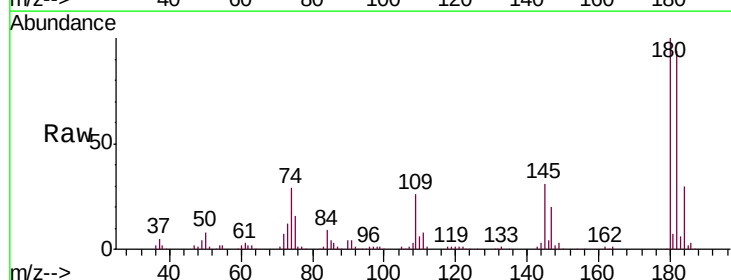
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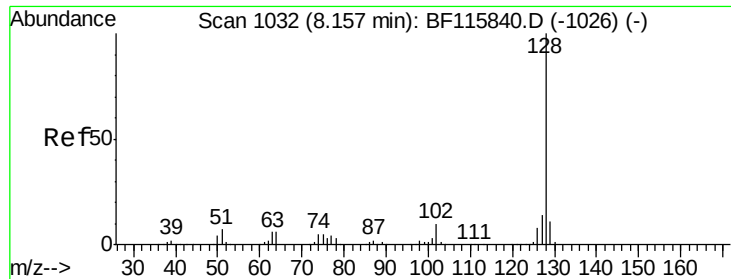
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#30
1,2,4-Trichlorobenzene
Concen: 41.698 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.5	75.7	113.5
145	30.7	24.3	36.5





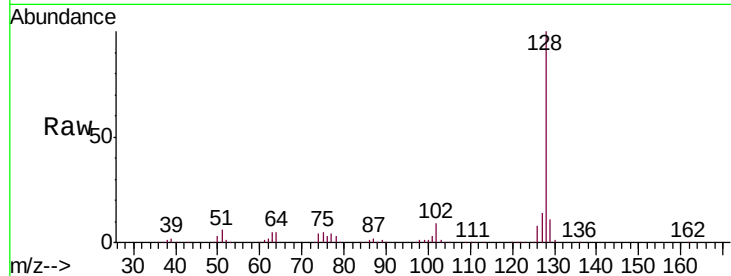
#31
Naphthalene
Concen: 42.915 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

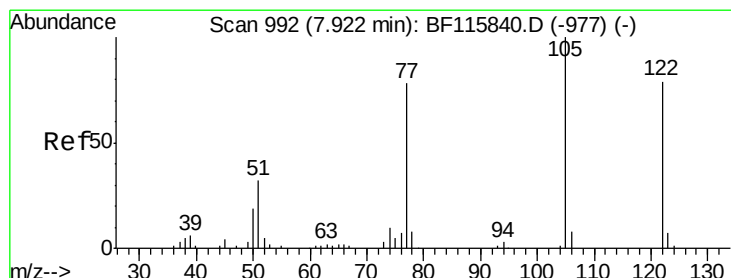
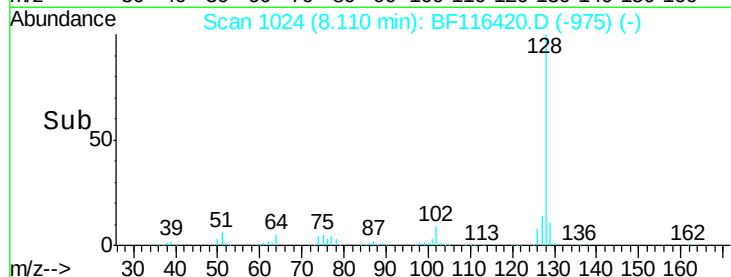
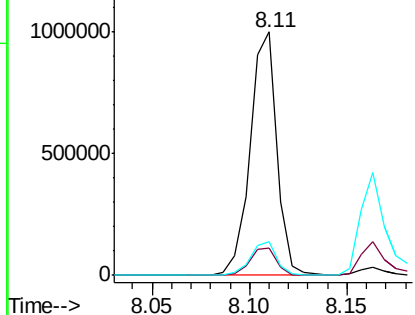
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	947003		
129	11.2	9.3	13.9	
127	13.6	11.4	17.0	

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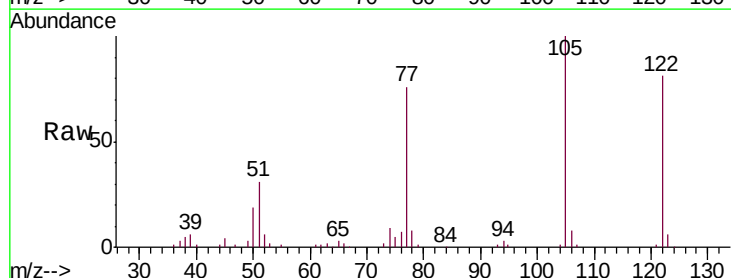


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

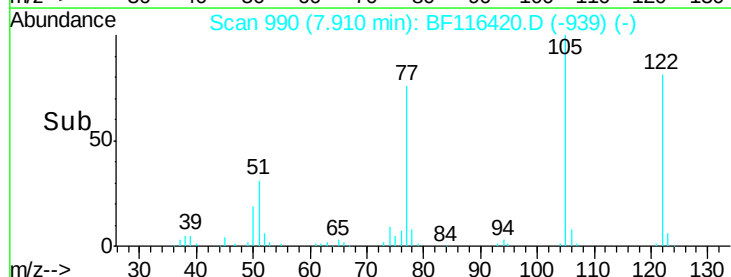
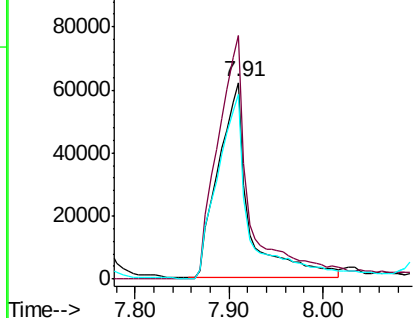


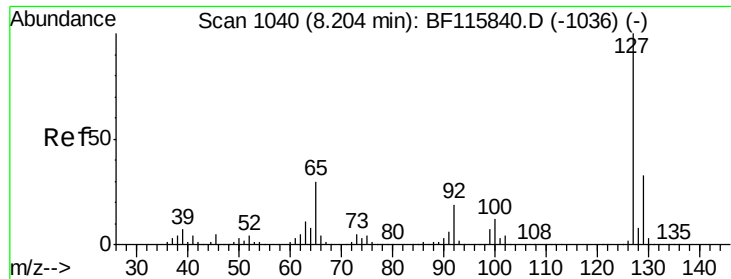
#32
Benzoic acid
Concen: 32.887 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	144240		
105	123.7	106.1	146.1	
77	94.0	76.7	116.7	



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





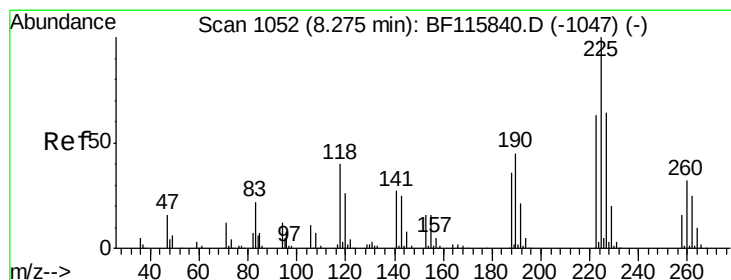
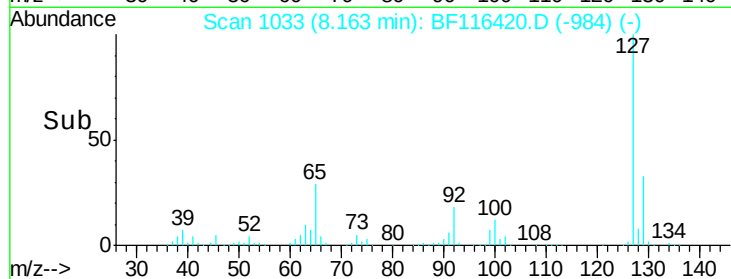
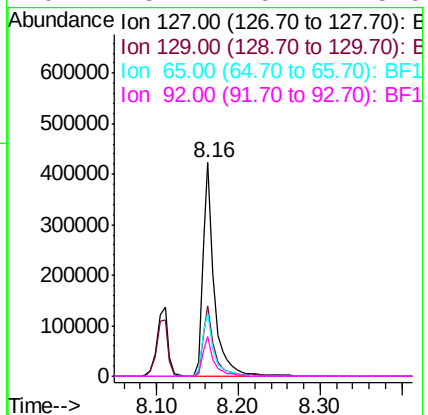
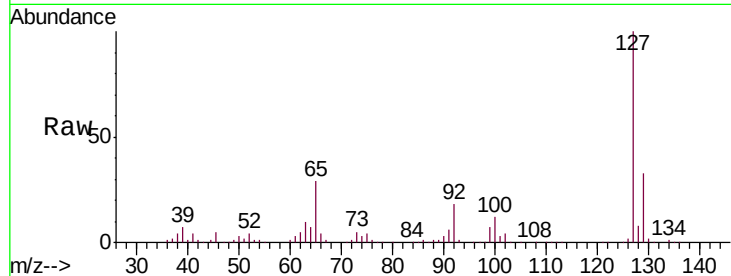
#33
 4-Chloroaniline
 Concen: 41.410 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	408294		
129	33.0	26.1	39.1	
65	29.2	24.9	37.3	
92	18.4	15.7	23.5	

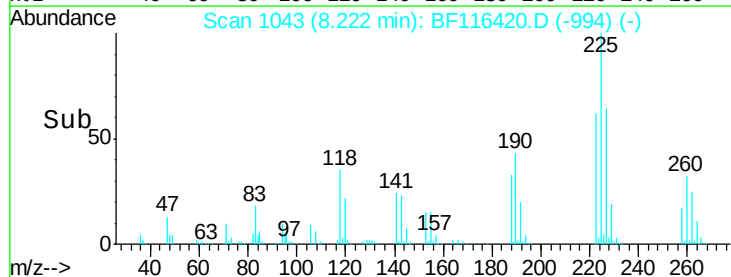
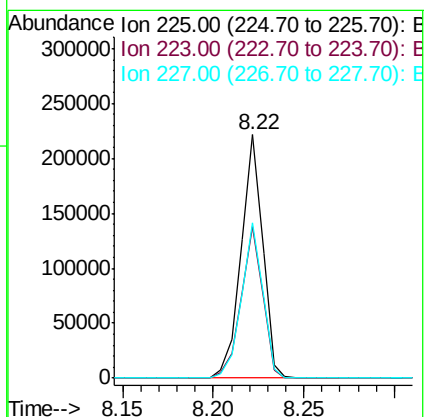
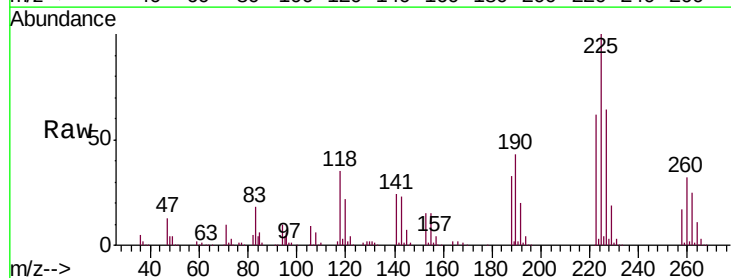
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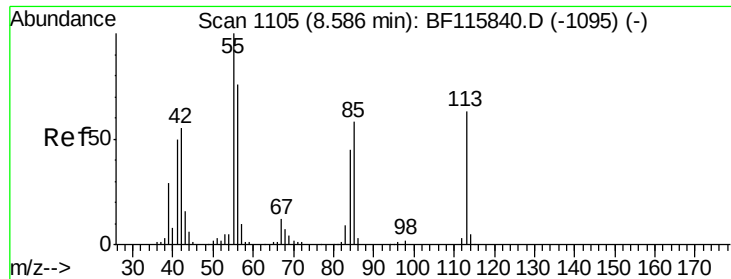
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#34
 Hexachlorobutadiene
 Concen: 42.447 ng
 RT: 8.22 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	183062		
223	62.4	50.0	75.0	
227	63.9	51.0	76.4	





#35

Caprolactam

Concen: 40.564 ng m

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

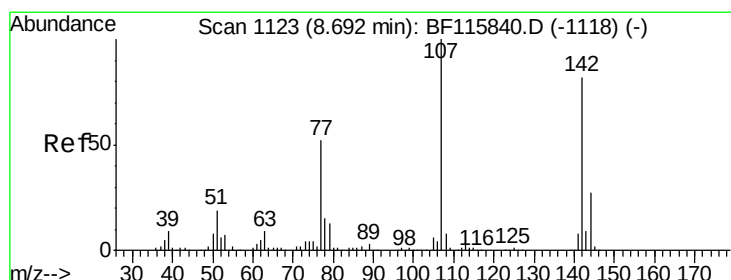
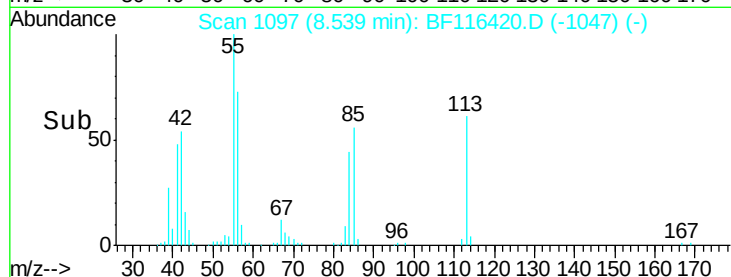
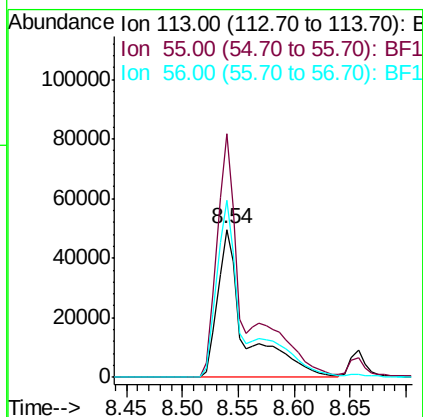
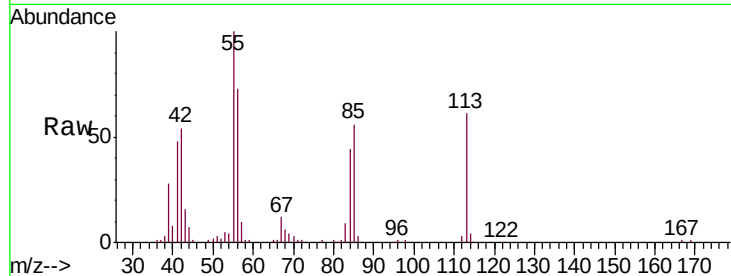
ClientSampled :

SSTDCCC040

Tgt Ion:	113	Resp:	86174
Ion Ratio	Lower	Upper	
113	100		
55	164.3	144.3	184.3
56	119.4	97.1	137.1

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#36

4-Chloro-3-methylphenol

Concen: 43.217 ng

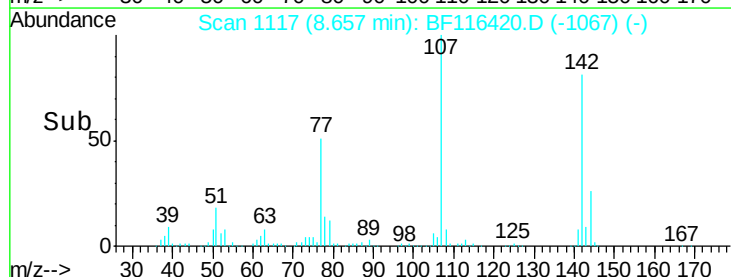
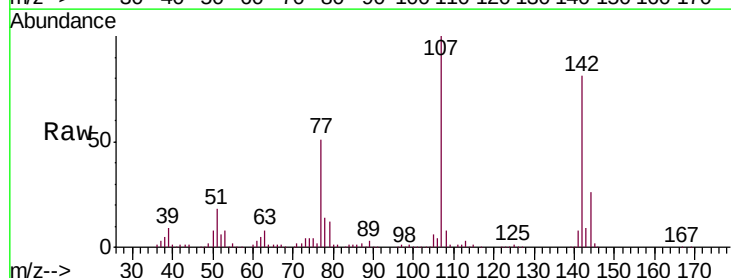
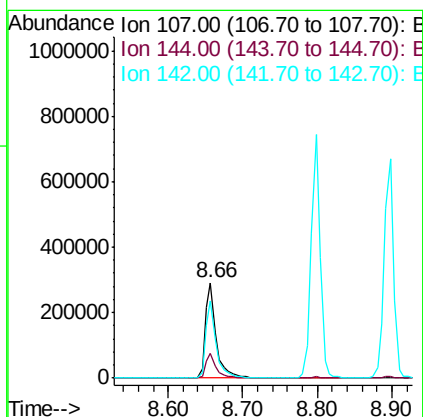
RT: 8.66 min Scan# 1117

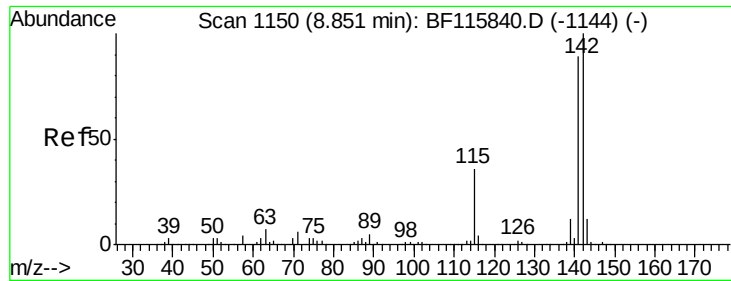
Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Tgt Ion:	107	Resp:	295315
Ion Ratio	Lower	Upper	
107	100		
144	25.9	20.2	30.2
142	81.0	61.7	92.5





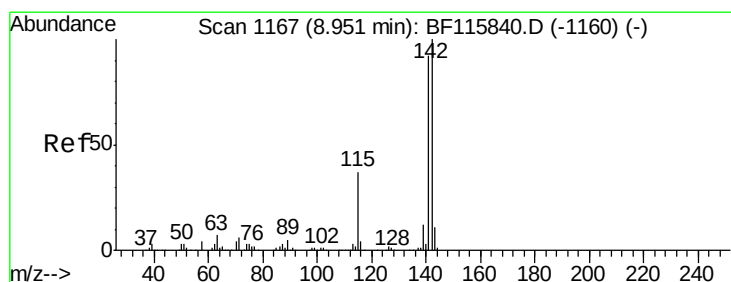
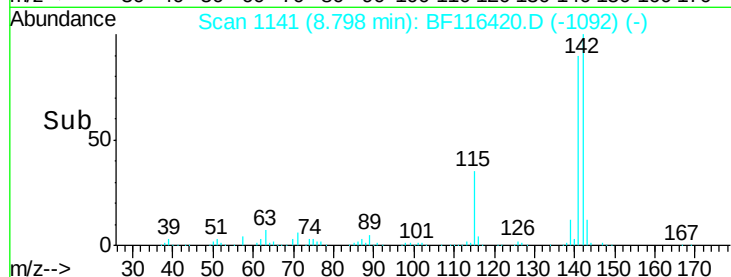
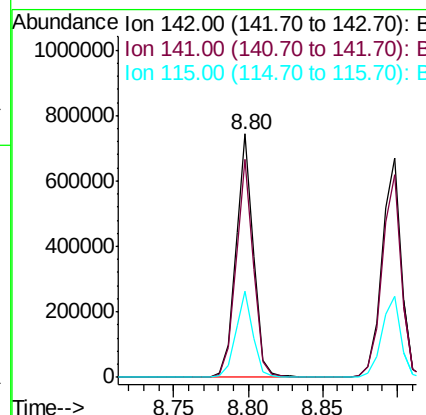
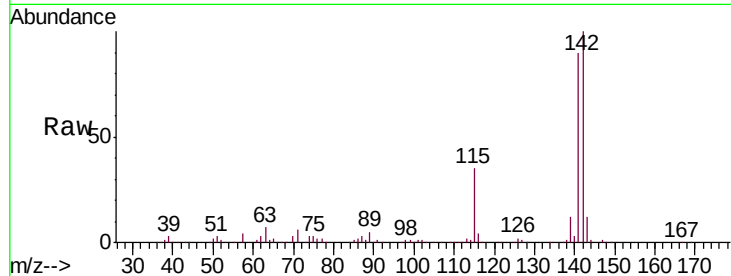
#37
2-Methylnaphthalene
Concen: 42.264 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.9	106.3
115	35.2	29.0	43.6

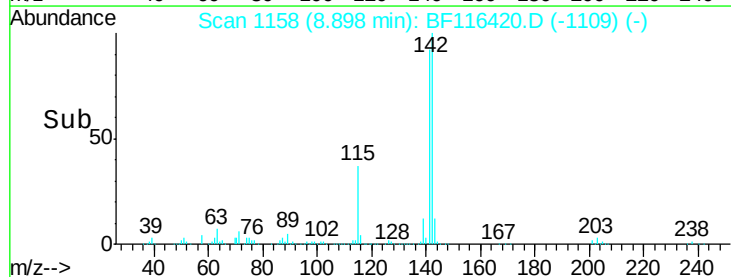
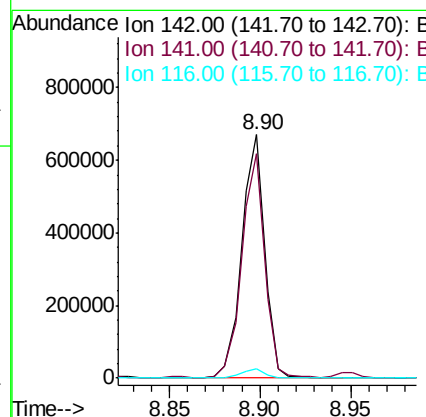
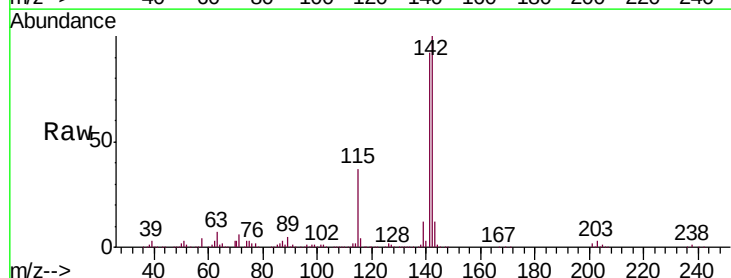
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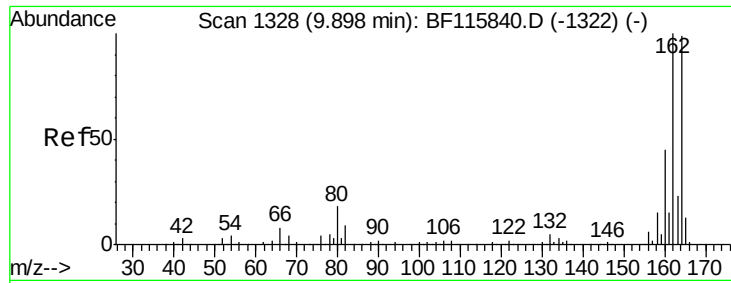
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#38
1-Methylnaphthalene
Concen: 42.638 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.4	111.6
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF116420.D

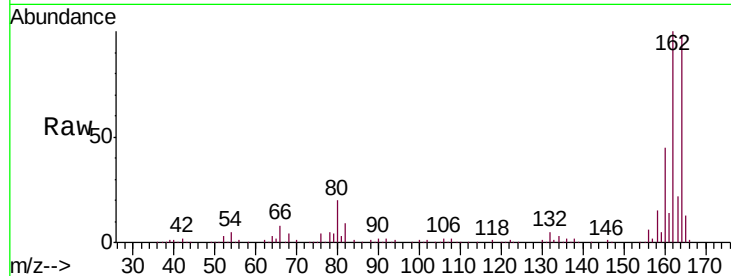
Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

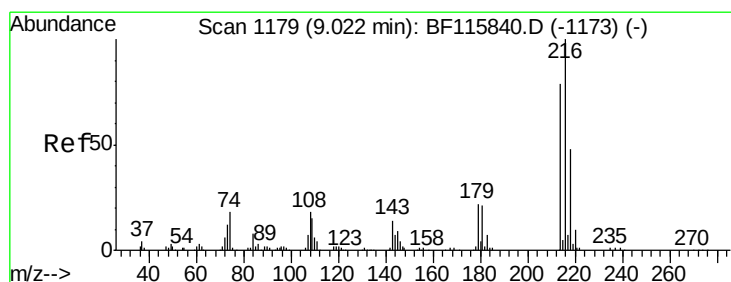
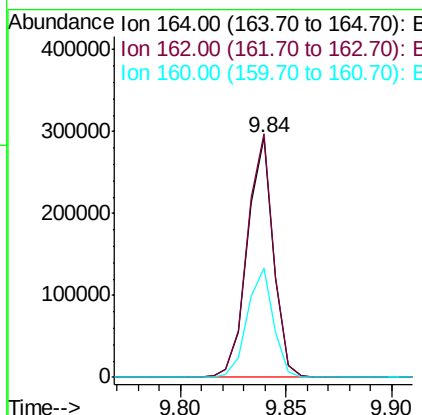
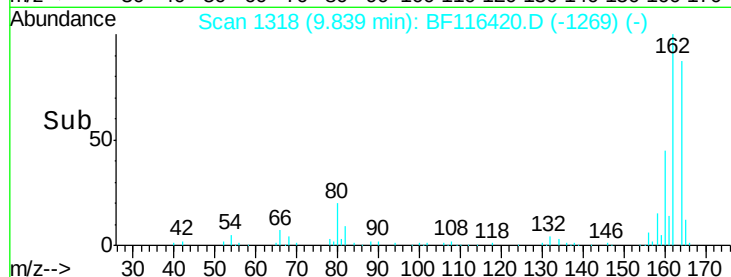
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	82.6	124.0	
160	45.9	37.6	56.4	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.991 ng

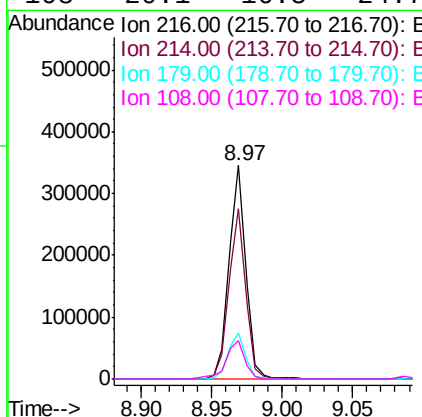
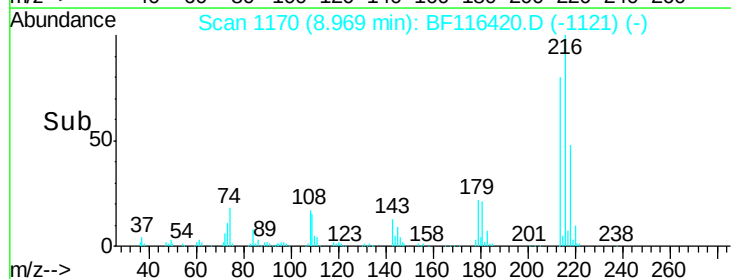
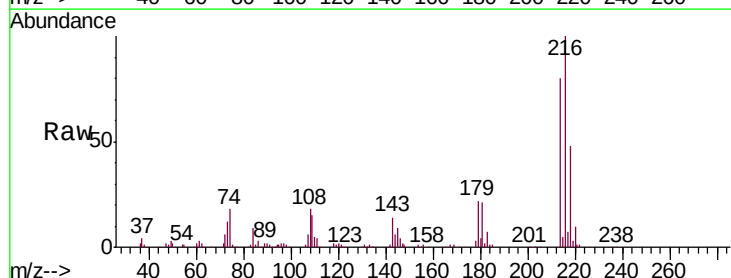
RT: 8.97 min Scan# 1170

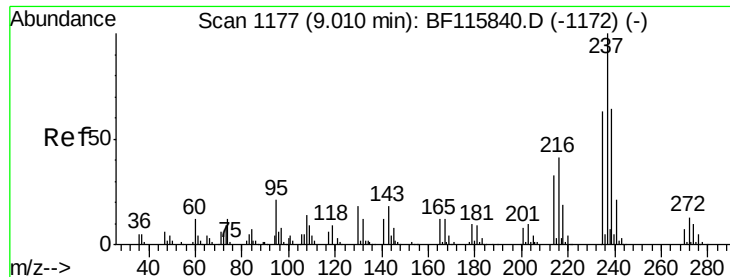
Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.6	95.4	
179	22.1	17.8	26.8	
108	20.1	16.5	24.7	





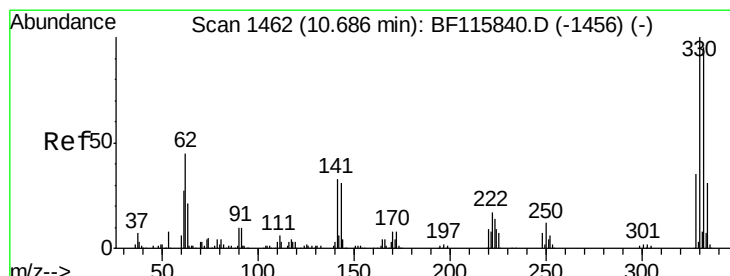
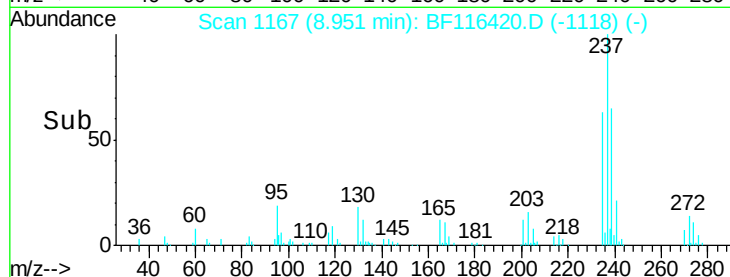
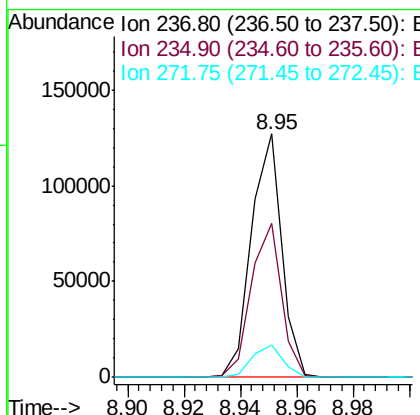
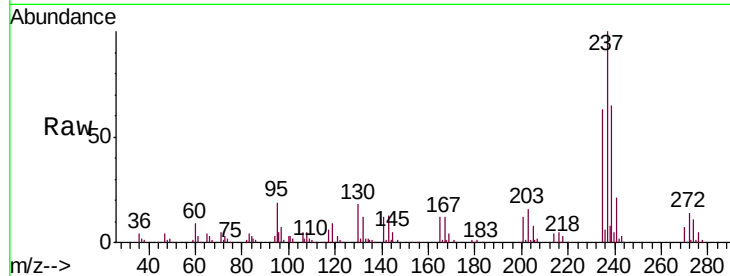
#41
Hexachlorocyclopentadiene
Concen: 35.305 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	237	Resp:	95063
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.4	83.4
272	13.5	0.0	33.2

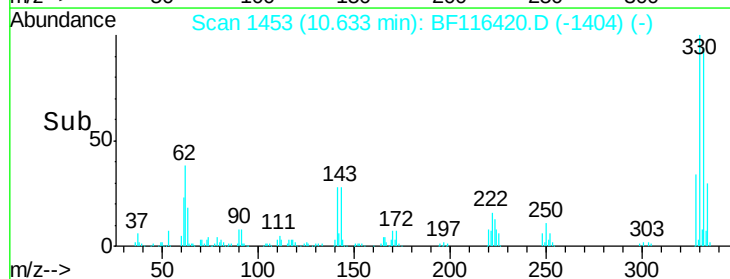
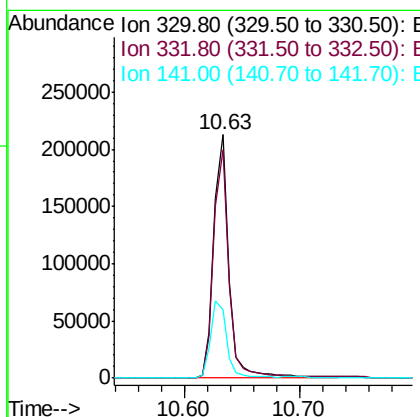
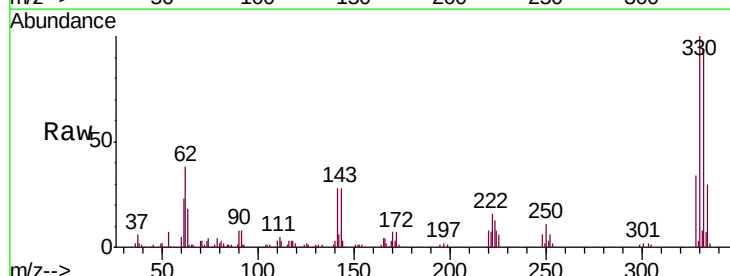
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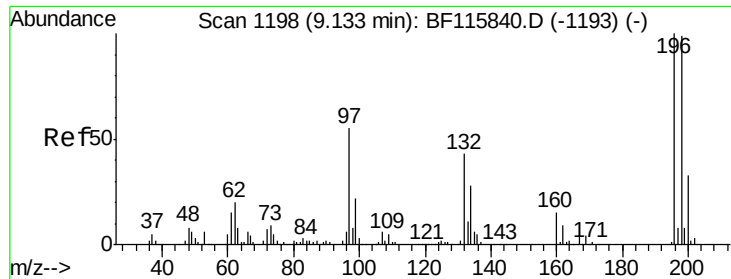
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#42
2,4,6-Tribromophenol
Concen: 81.260 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion:	330	Resp:	196658
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.8	115.2
141	33.7	26.3	39.5





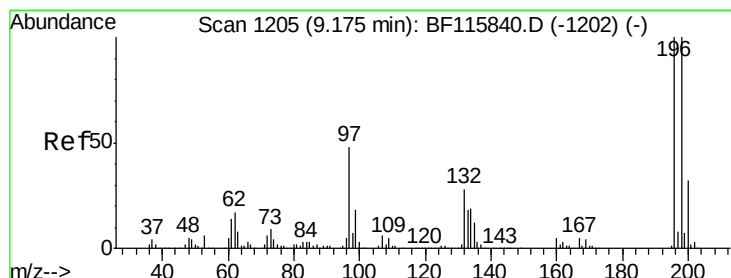
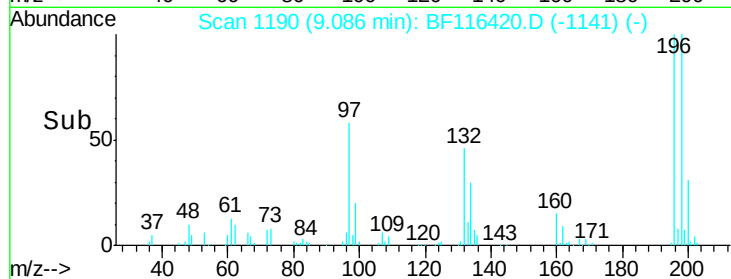
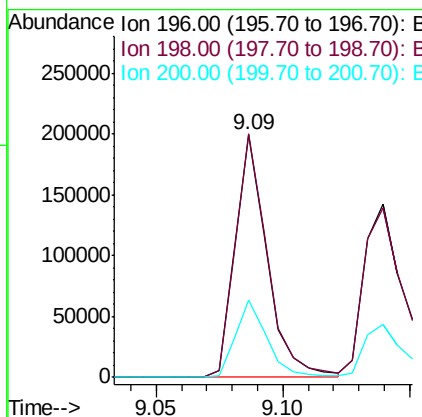
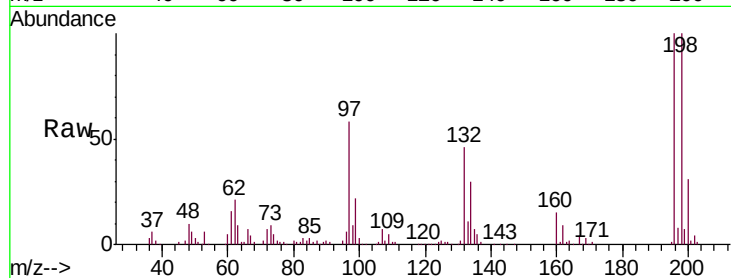
#43
 2,4,6-Trichlorophenol
 Concen: 37.884 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	174010
Ion Ratio	Lower	Upper	
196	100		
198	100.4	79.2	118.8
200	31.6	25.2	37.8

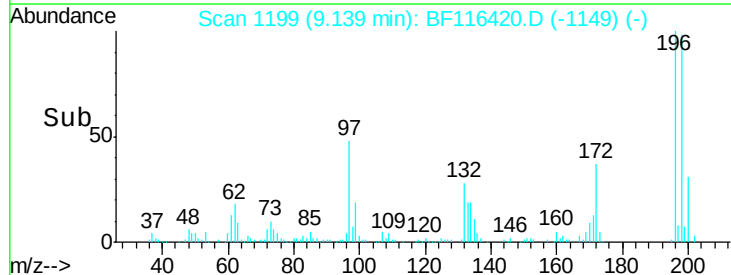
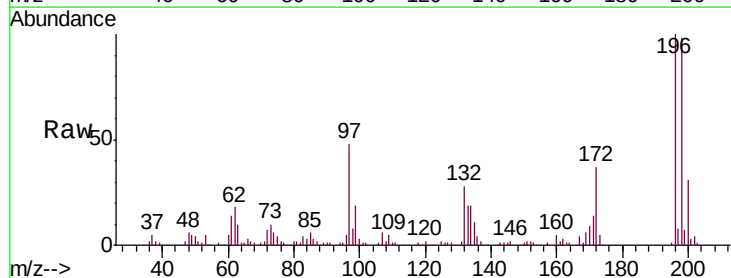
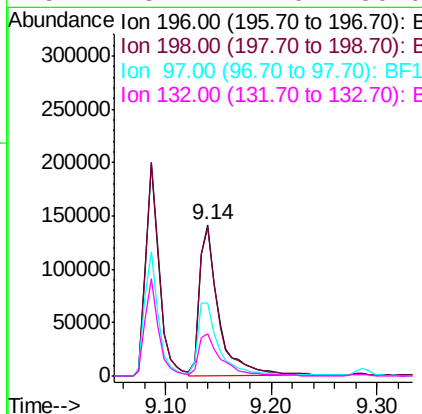
Manual Integrations
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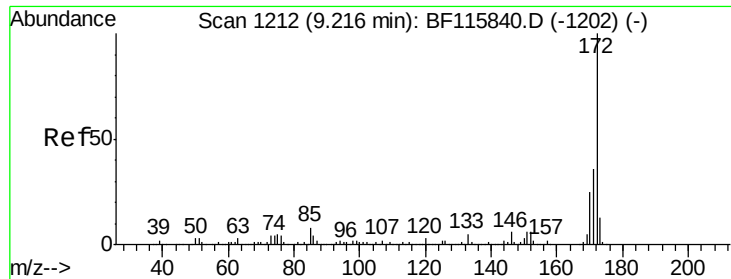
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#44
 2,4,5-Trichlorophenol
 Concen: 37.264 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion:	196	Resp:	176932
Ion Ratio	Lower	Upper	
196	100		
198	97.7	78.8	118.2
97	48.2	42.2	63.4
132	28.2	24.0	36.0





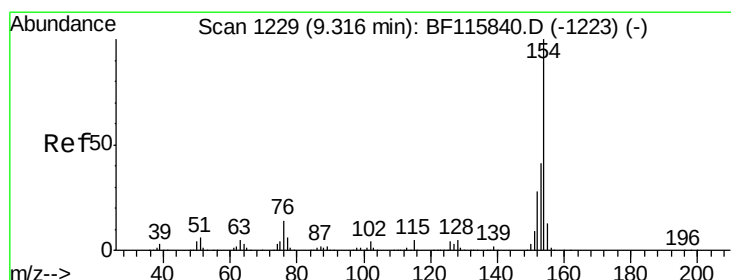
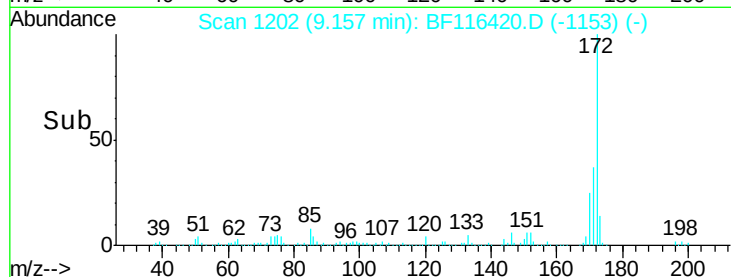
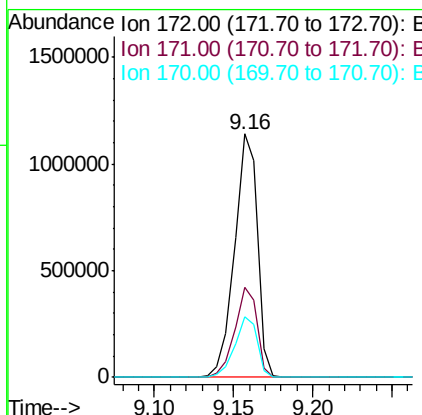
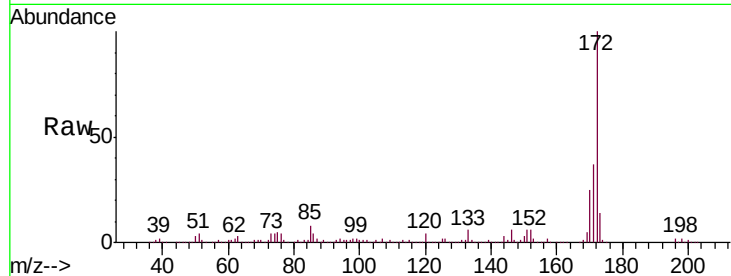
#45
2-Fluorobiphenyl
Concen: 85.572 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.0	20.1	30.1

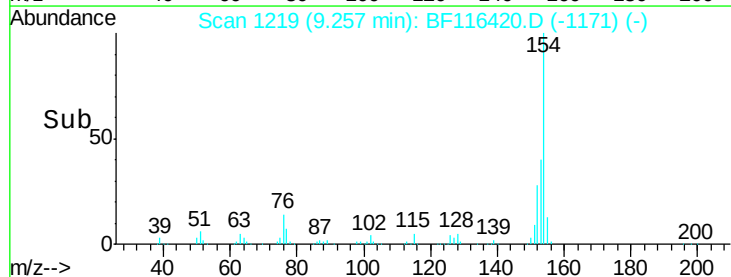
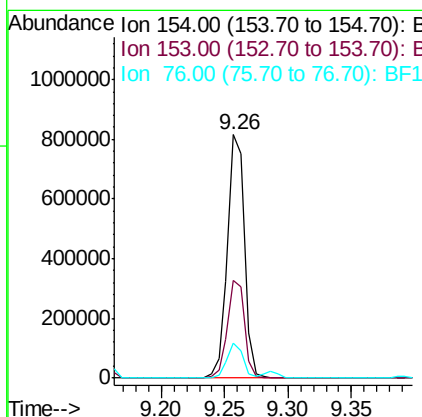
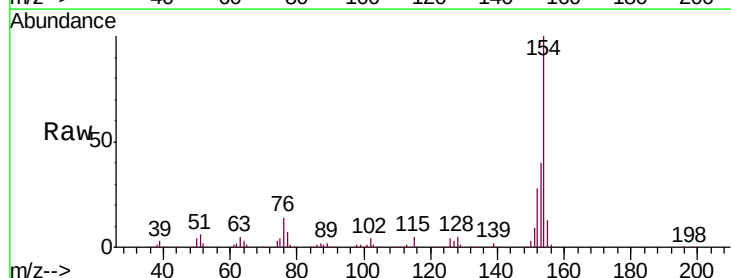
Manual Integrations
APPROVED

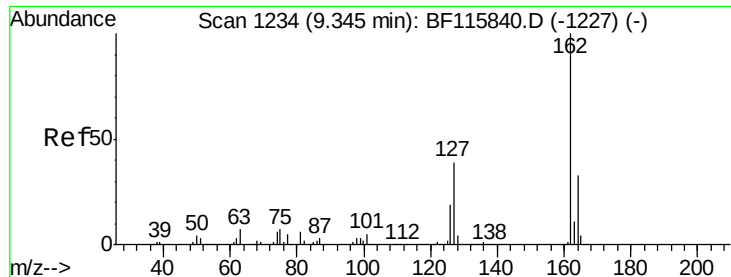
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#46
1,1'-Biphenyl
Concen: 42.972 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.4	61.4
76	14.3	0.0	35.2





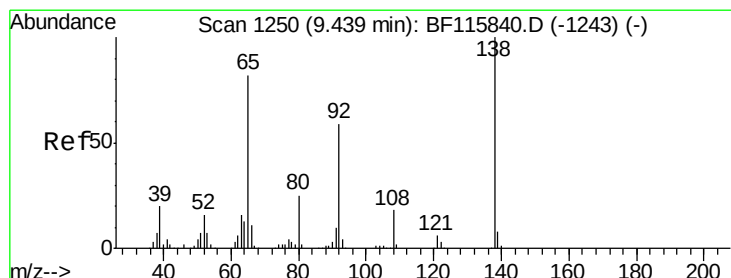
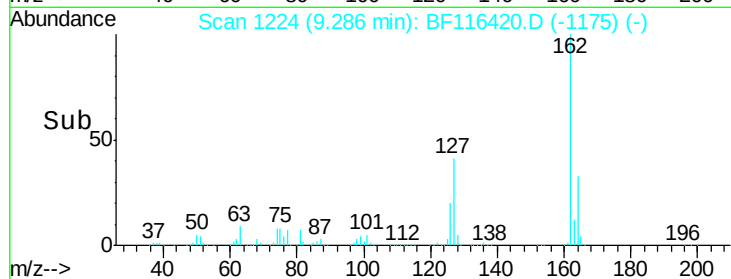
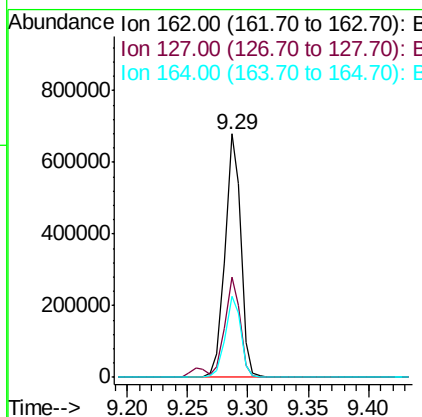
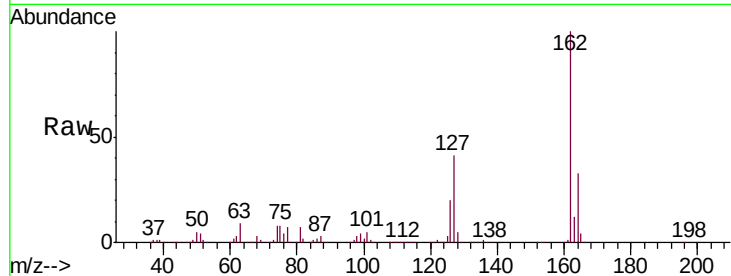
#47
 2-Chloronaphthalene
 Concen: 41.807 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	613205		
127	41.0	32.8	49.2	
164	33.4	26.6	39.8	

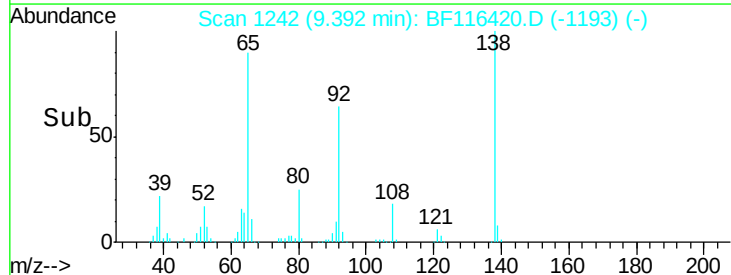
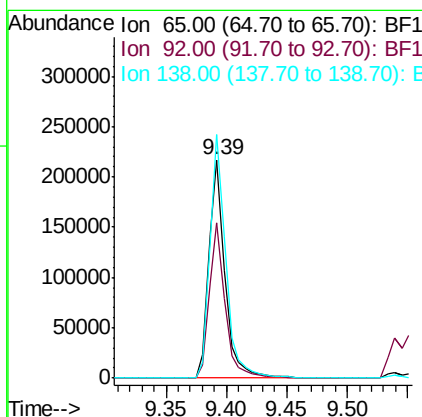
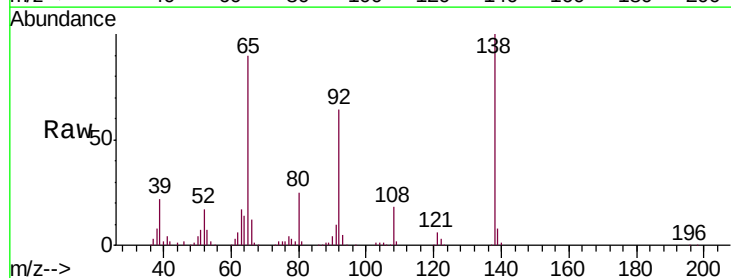
Manual Integrations
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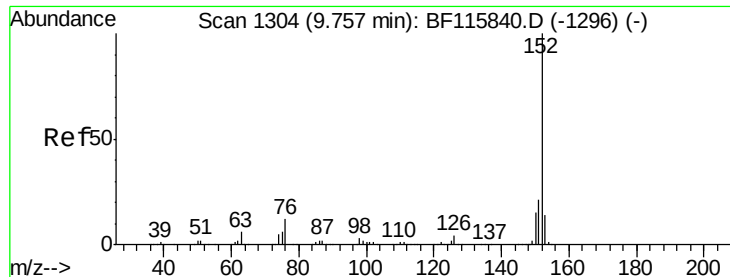
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#48
 2-Nitroaniline
 Concen: 41.259 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	200027		
92	70.8	57.8	86.8	
138	111.4	94.0	141.0	





#49

Acenaphthylene

Concen: 42.250 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

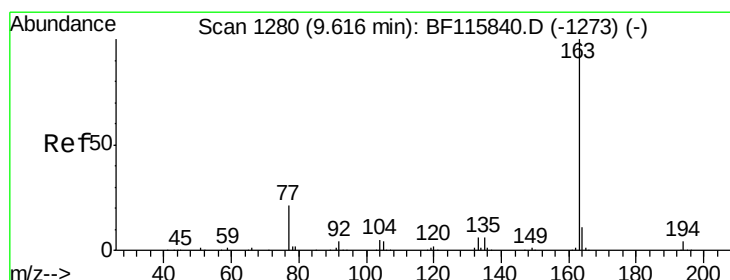
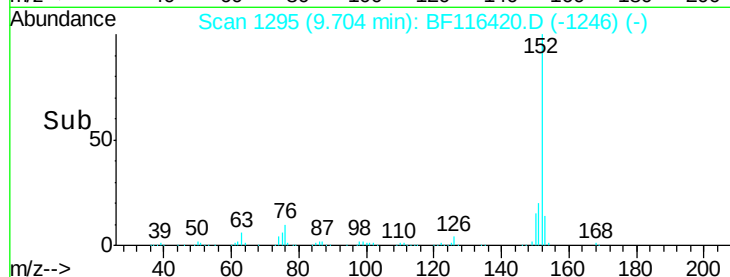
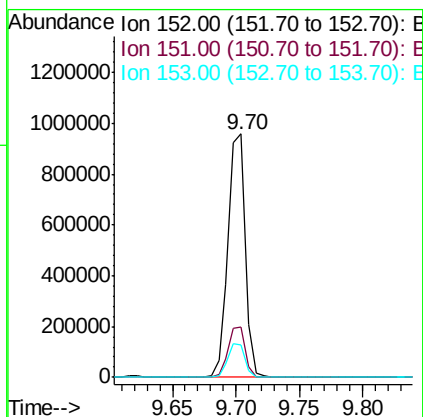
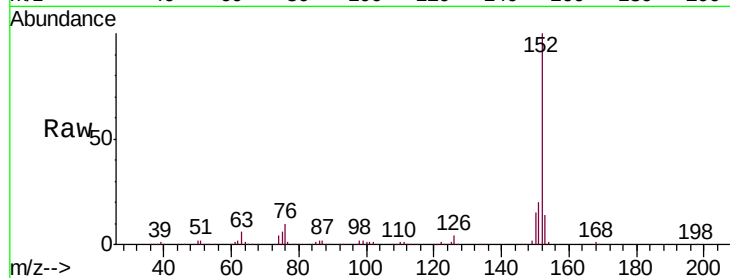
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	904086
Ion Ratio		Lower	Upper
152	100		
151	20.5	17.2	25.8
153	13.6	11.8	17.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.726 ng

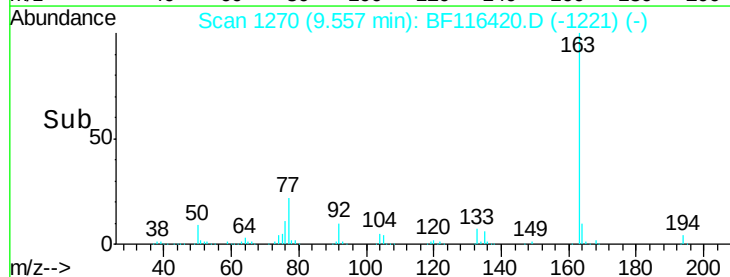
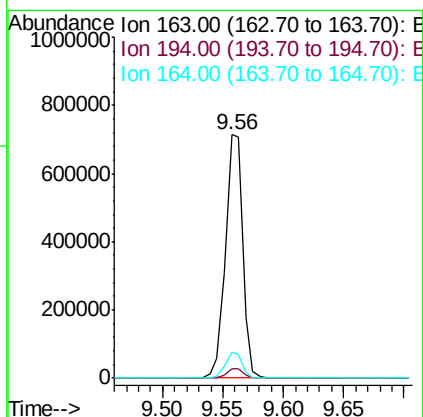
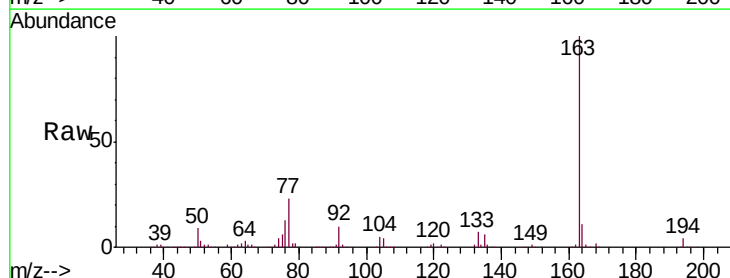
RT: 9.56 min Scan# 1270

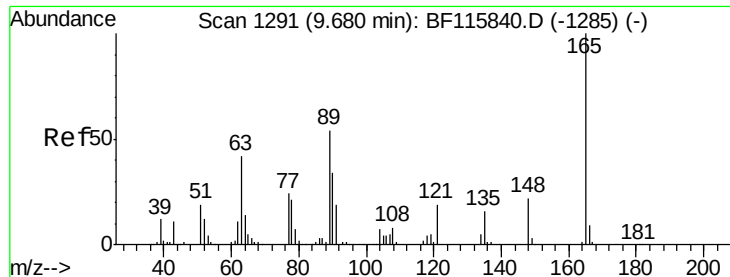
Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Tgt Ion:	163	Resp:	709170
Ion Ratio		Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.7	8.4	12.6





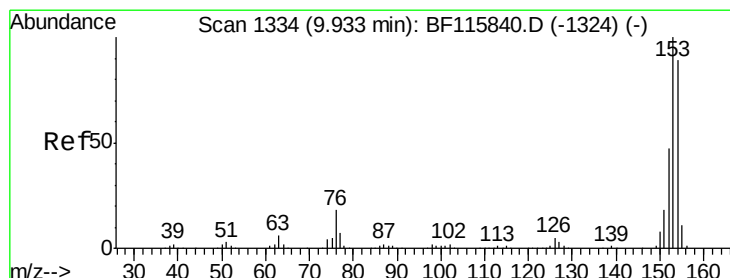
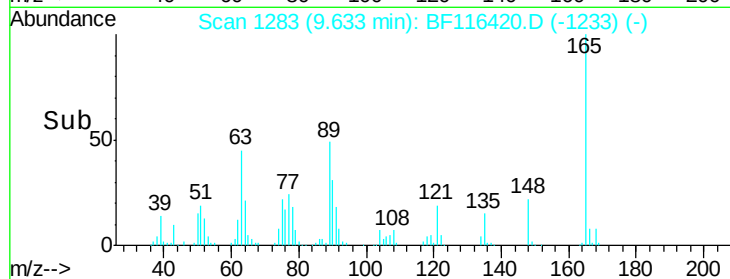
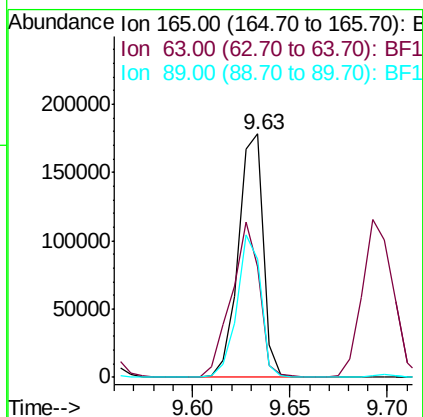
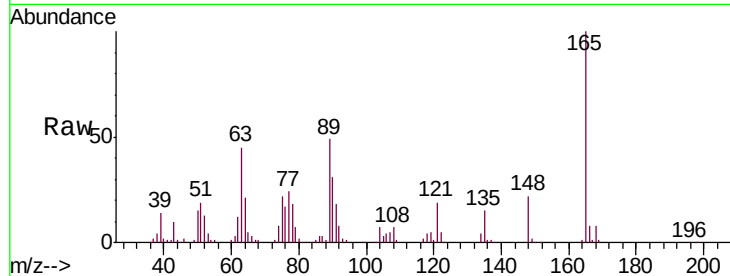
#51
 2,6-Dinitrotoluene
 Concen: 42.570 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.2	38.2	57.2
89	48.7	42.9	64.3

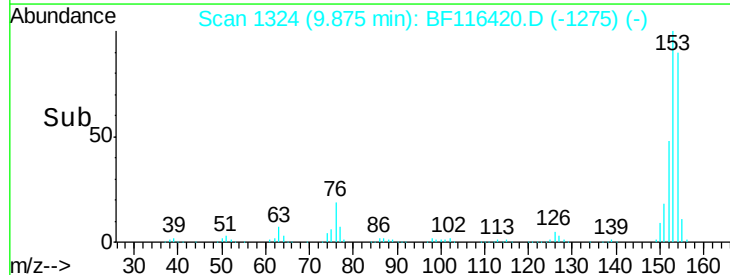
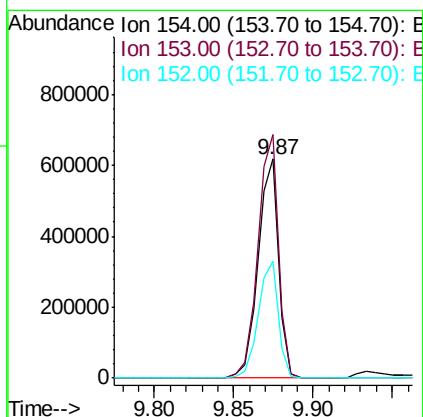
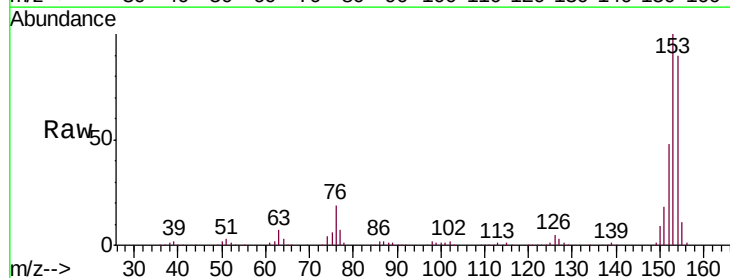
Manual Integrations
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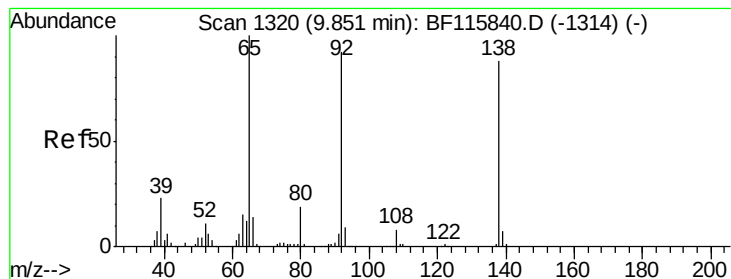
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#52
 Acenaphthene
 Concen: 42.366 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	111.2	89.4	134.0
152	53.3	42.3	63.5





#53

3-Nitroaniline

Concen: 40.450 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

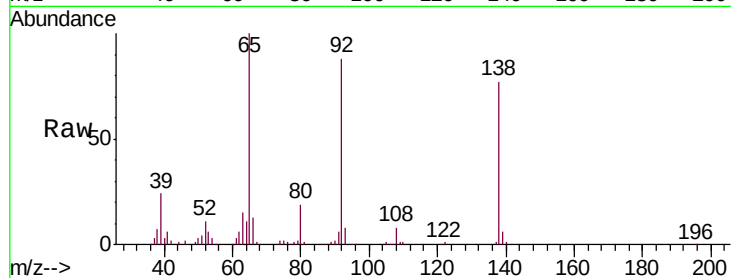
ClientSampleId :

SSTDCCC040

Tgt Ion:	138	Resp:	184609
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.0	12.0
92	114.0	91.0	136.6

Manual Integrations
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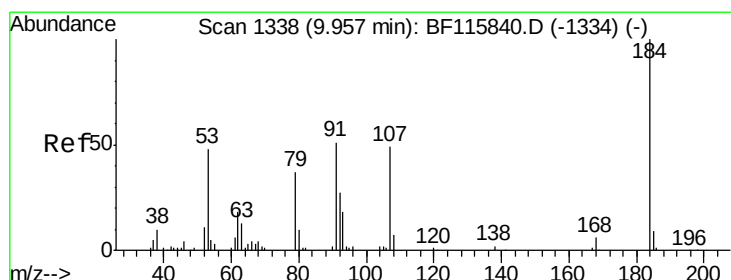
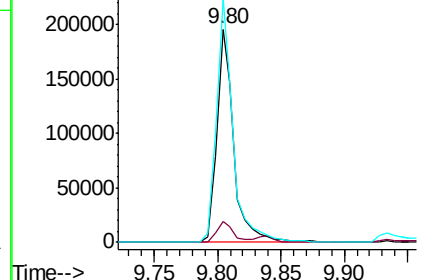
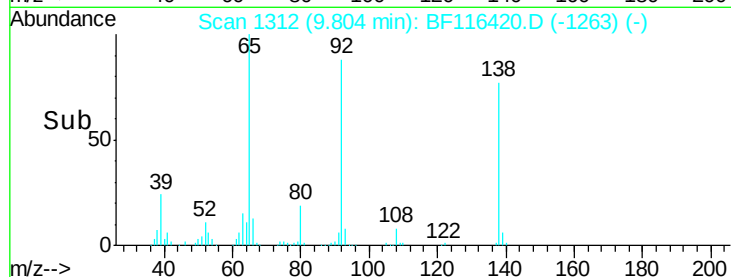
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 35.252 ng

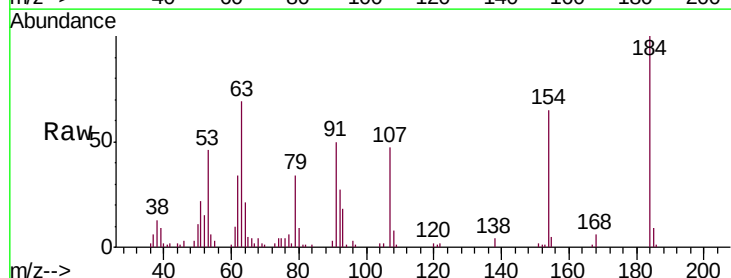
RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

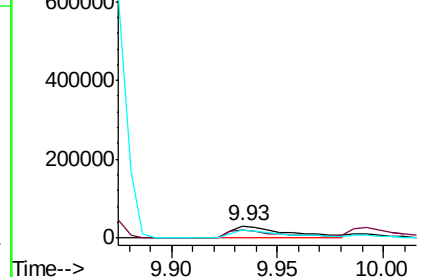
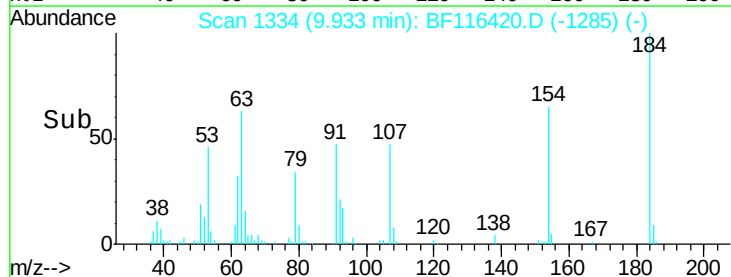
Tgt Ion:	184	Resp:	57127
Ion Ratio	Lower	Upper	
184	100		
63	69.3	53.0	79.4
154	64.7	50.1	75.1

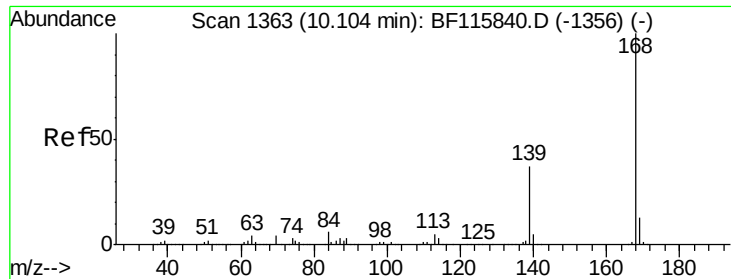


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





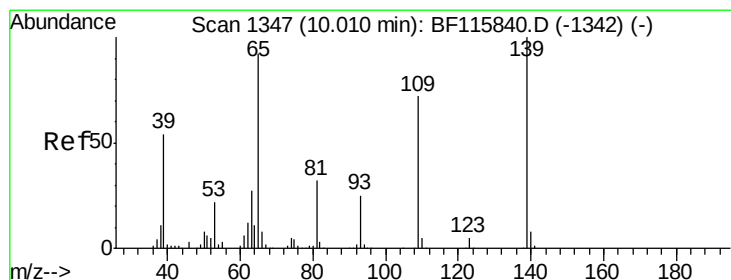
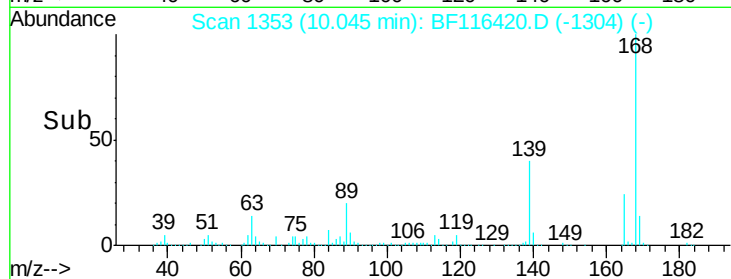
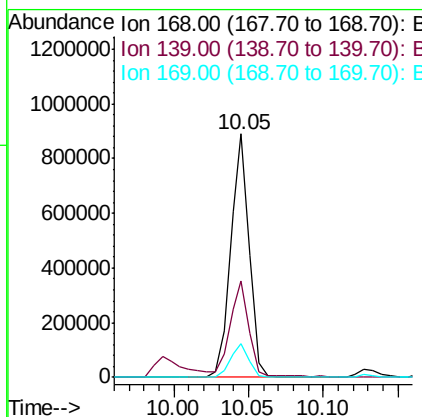
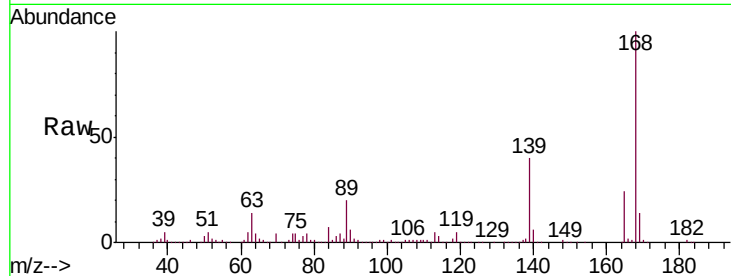
#55
Dibenzenofuran
Concen: 40.694 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.4	47.2
169	13.7	10.9	16.3

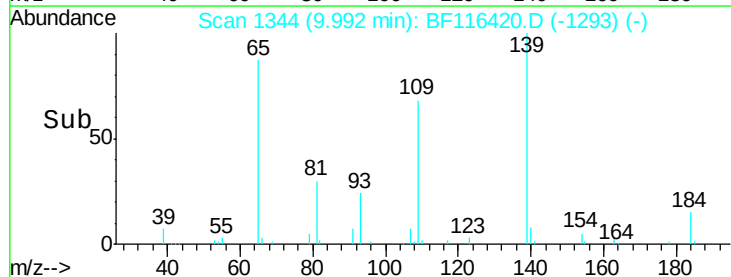
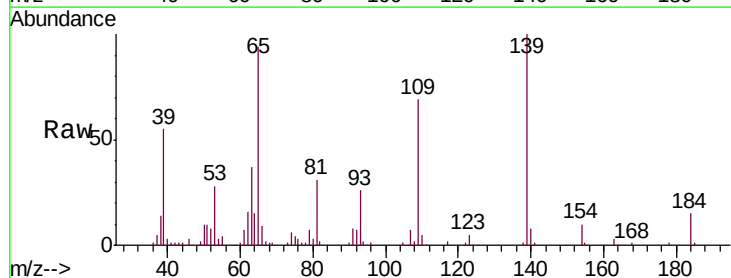
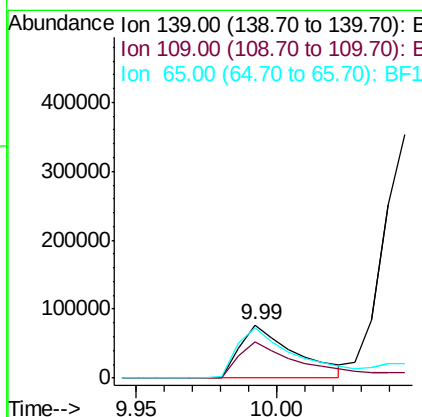
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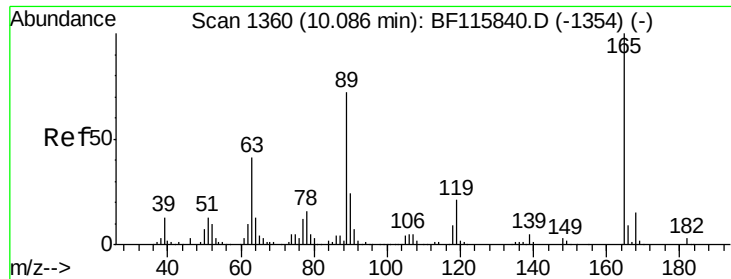
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#56
4-Nitrophenol
Concen: 35.415 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.4	54.4	94.4
65	93.8	80.6	120.6





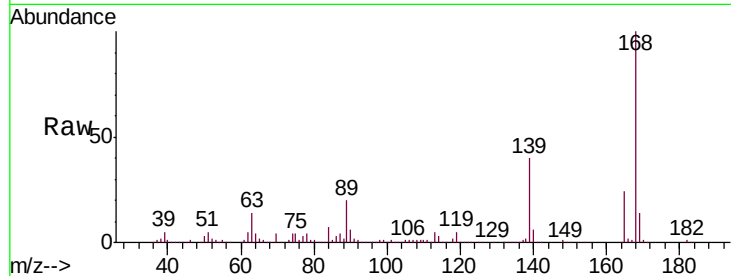
#57
2,4-Dinitrotoluene
Concen: 39.157 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

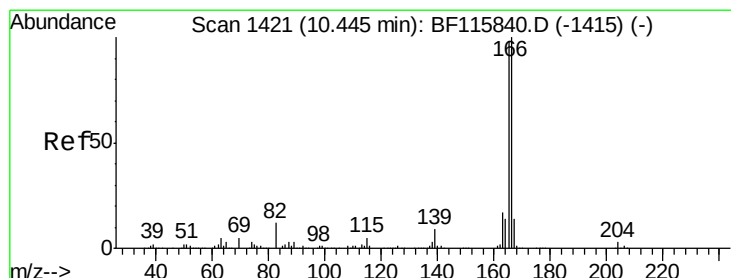
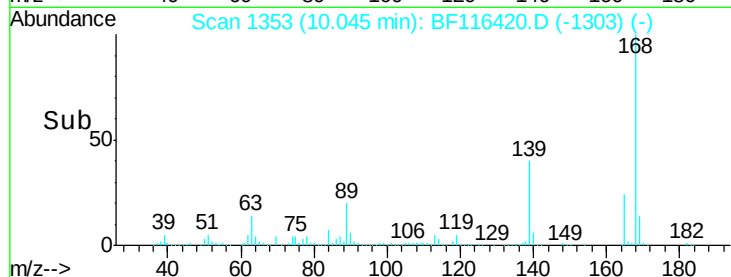
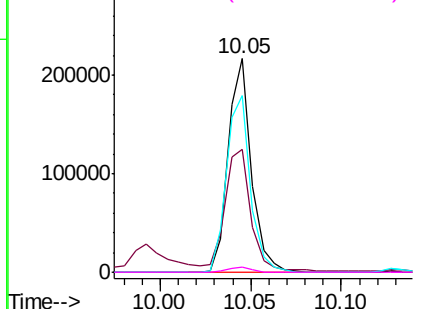
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	192559		
63	57.8	39.6	59.4	
89	82.5	62.2	93.2	
182	2.5	2.1	3.1	

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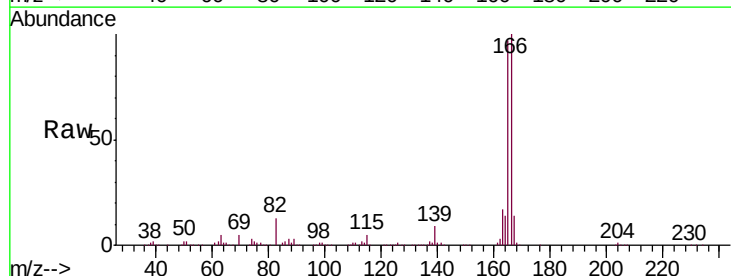


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

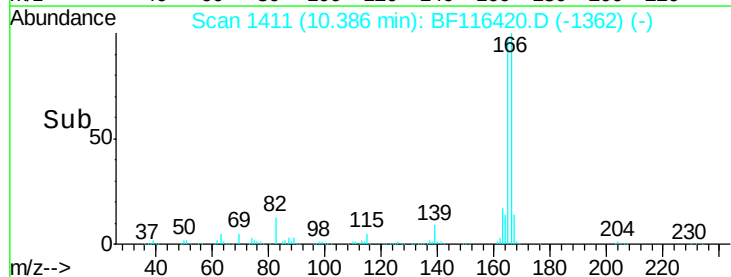
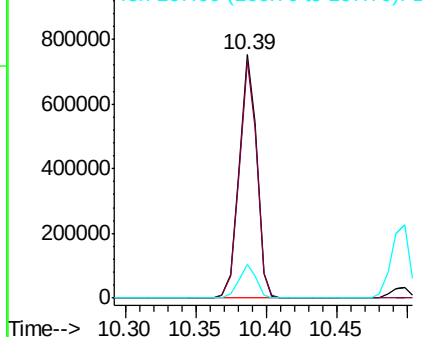


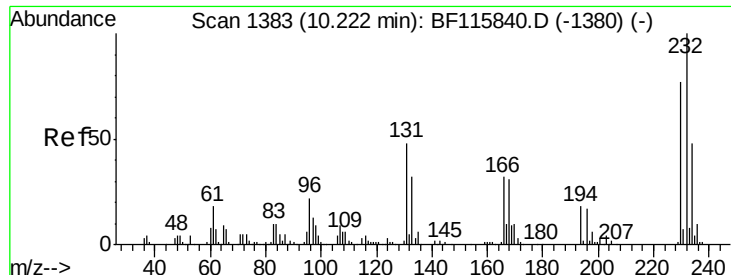
#58
Fluorene
Concen: 44.198 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	649178		
165	97.5	78.4	117.6	
167	13.6	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





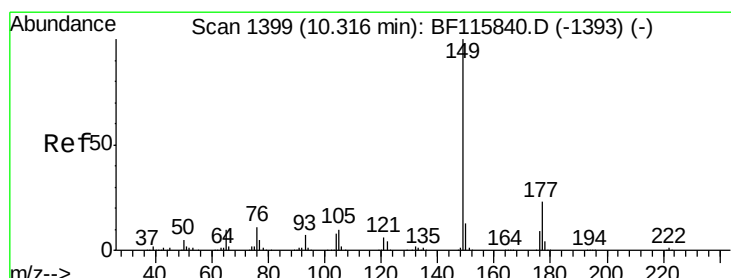
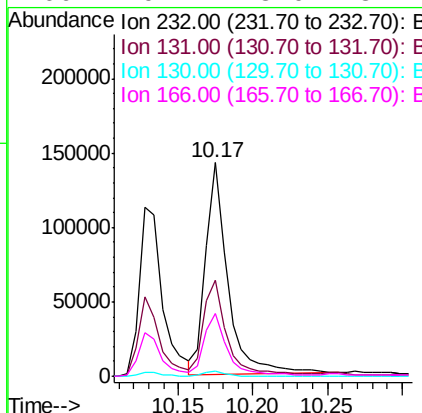
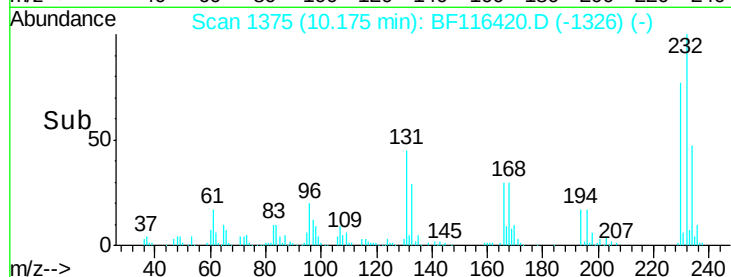
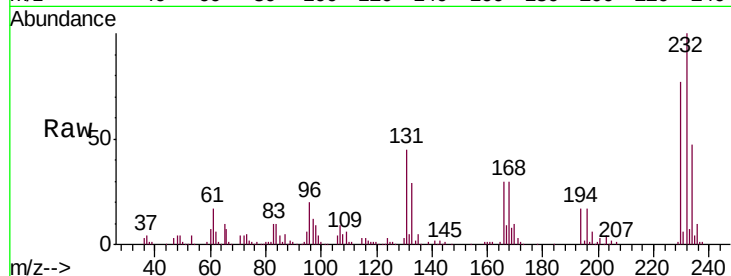
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.477 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	145712		
131	47.6	36.2	54.2	
130	2.3	1.9	2.9	
166	29.4	23.0	34.4	

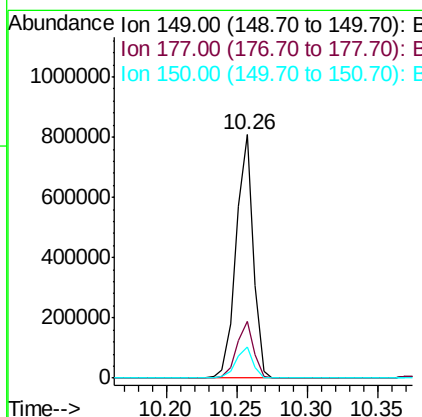
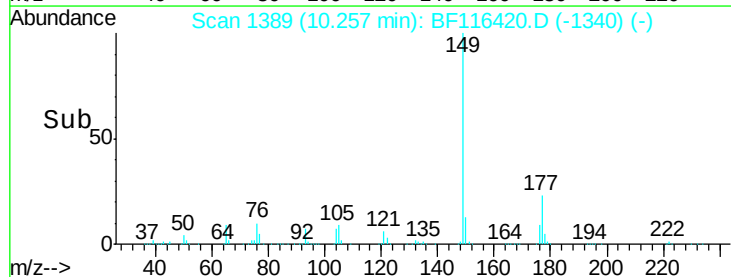
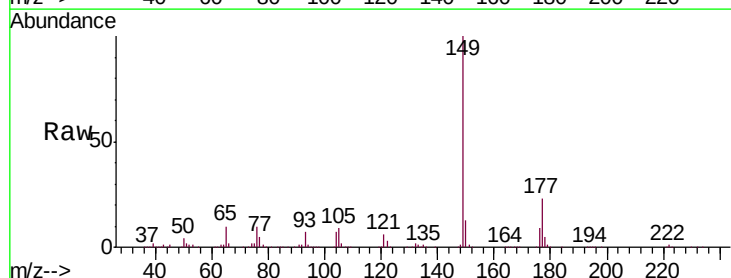
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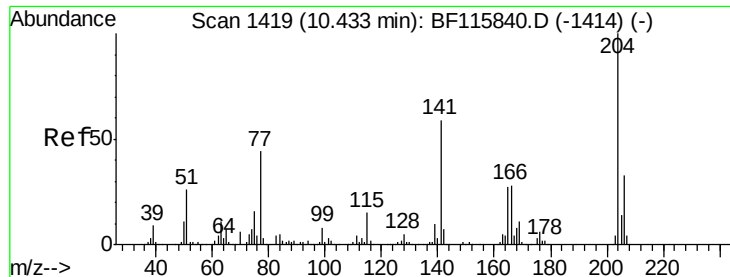
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#60
 Diethylphthalate
 Concen: 42.977 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	681965		
177	23.4	18.8	28.2	
150	12.6	10.2	15.4	





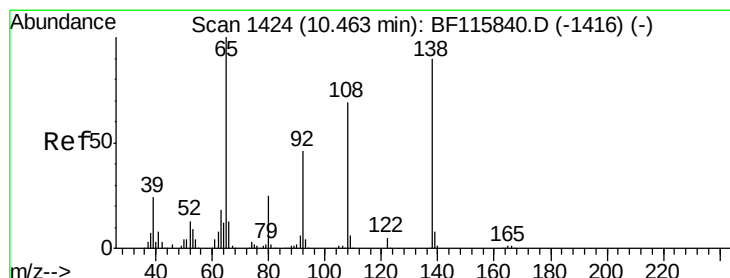
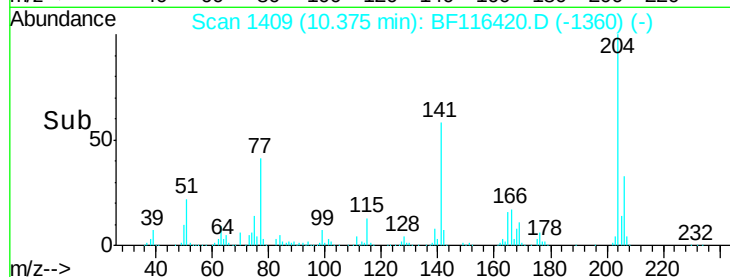
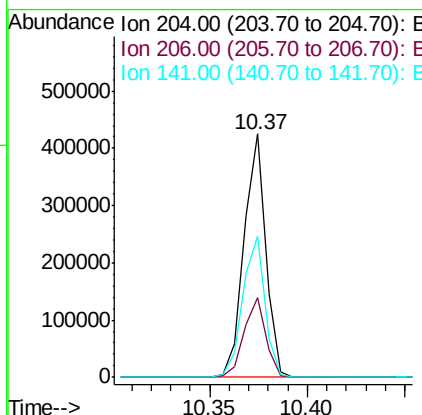
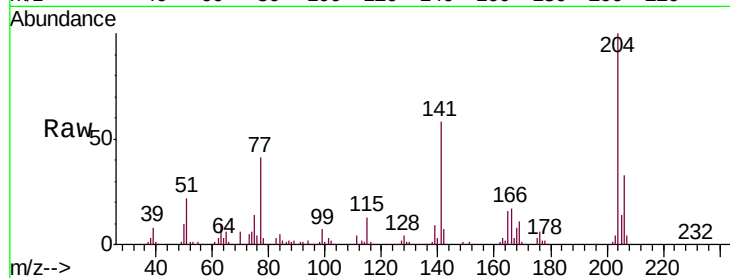
#61
 4-Chlorophenyl-phenylether
 Concen: 44.316 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.4	39.6
141	58.0	46.4	69.6

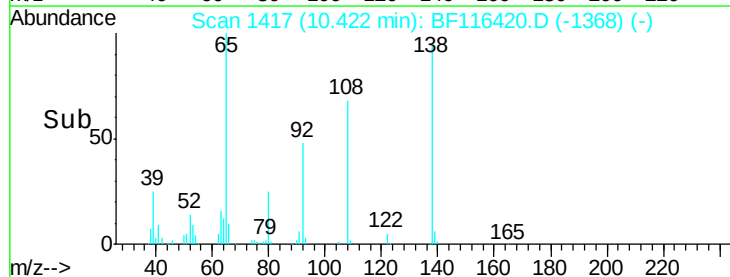
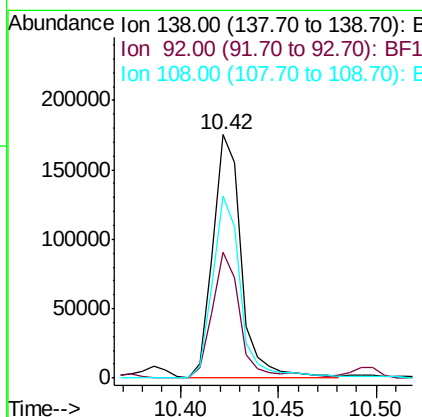
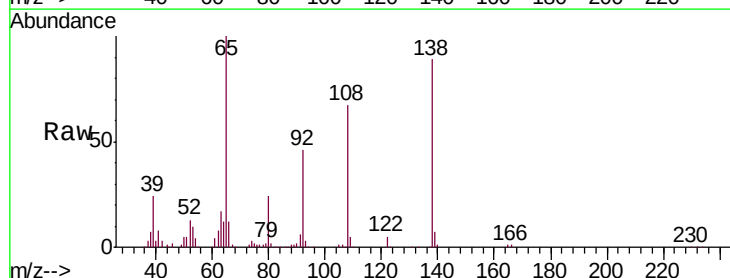
Manual Integrations
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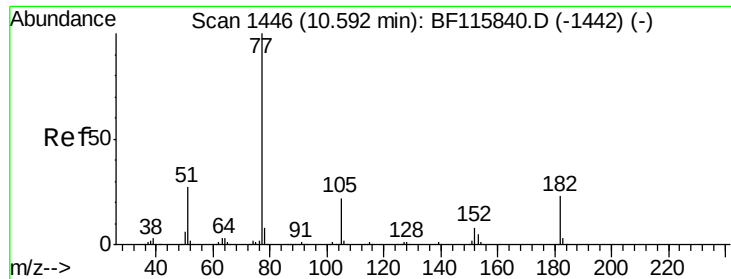
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#62
 4-Nitroaniline
 Concen: 37.818 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	29.0	69.0
108	74.9	54.7	94.7





#63

Azobenzene

Concen: 43.281 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

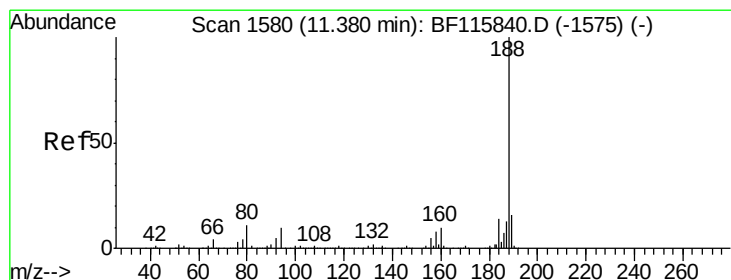
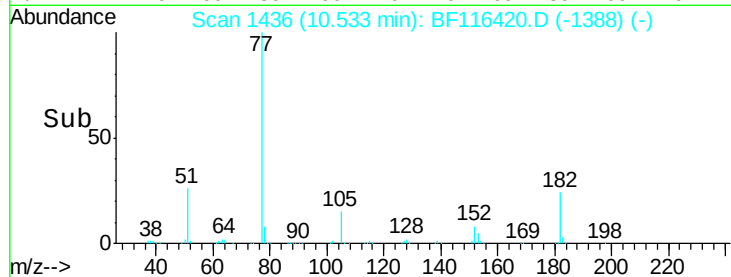
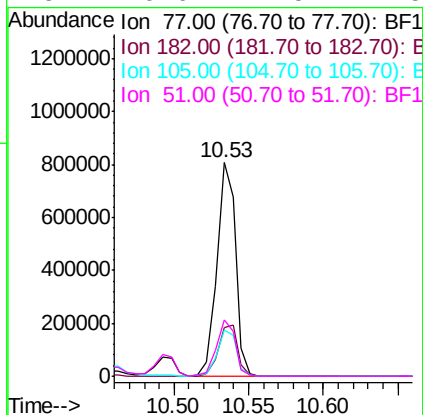
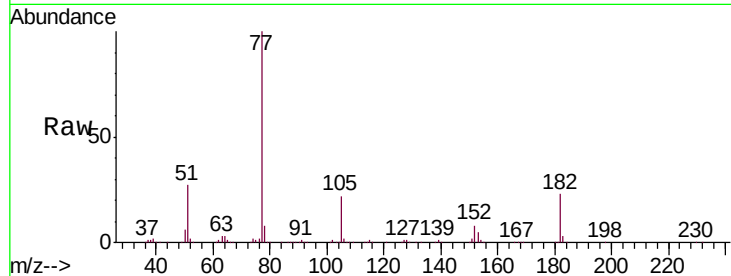
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	706395		
182	22.9	4.0	44.0	
105	21.9	2.0	42.0	
51	26.6	7.5	47.5	

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#64

Phenanthrene-d10

Concen: 20.000 ng

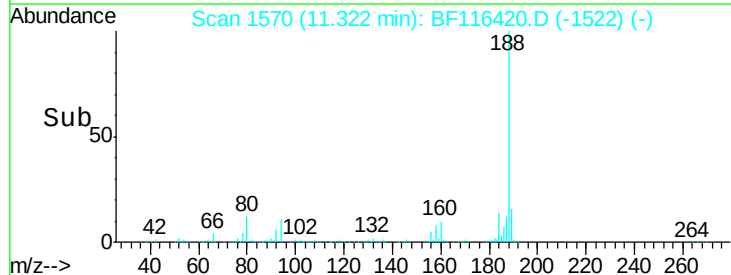
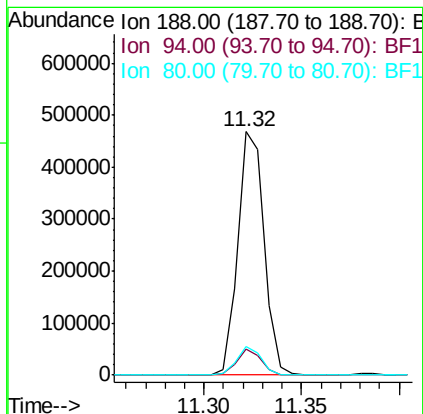
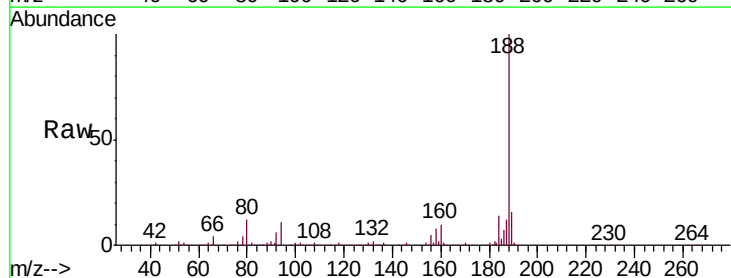
RT: 11.32 min Scan# 1570

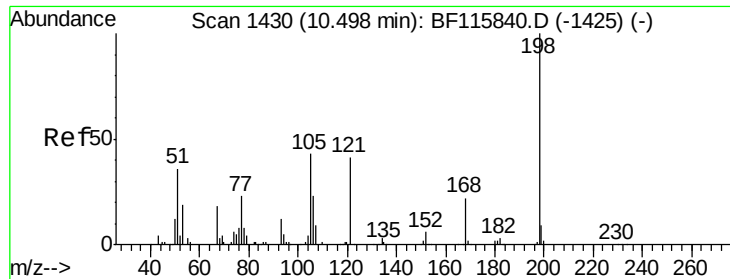
Delta R.T. -0.02 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	436102		
94	10.9	8.1	12.1	
80	11.8	8.7	13.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 41.775 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

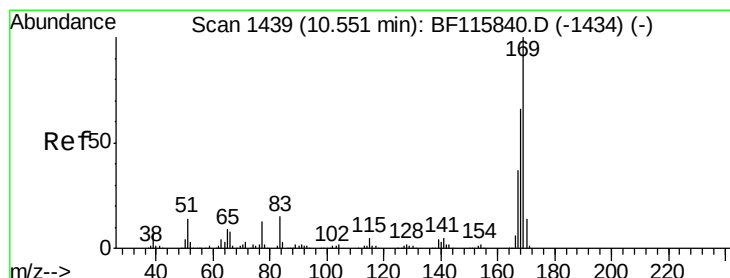
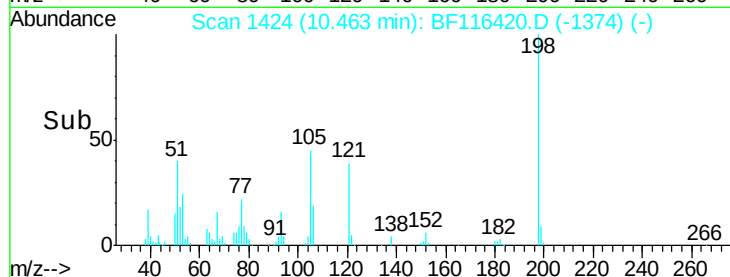
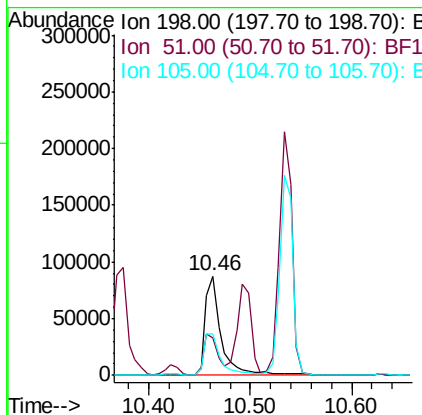
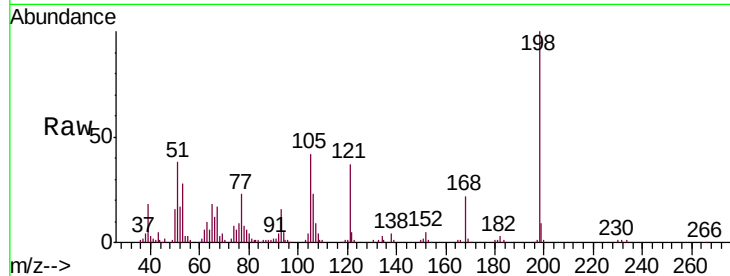
ClientSampleId :

SSTDCCC040

Tgt Ion:	198	Resp:	96543
Ion Ratio	Lower	Upper	
198	100		
51	37.7	17.0	57.0
105	41.9	21.6	61.6

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 42.888 ng

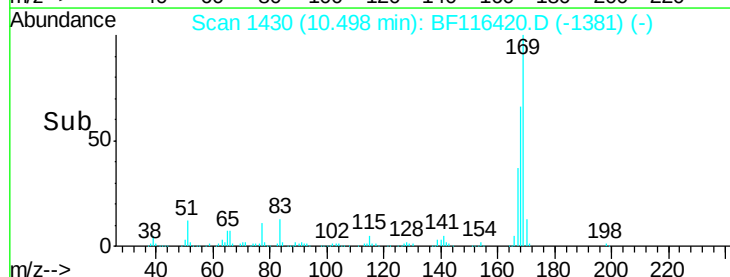
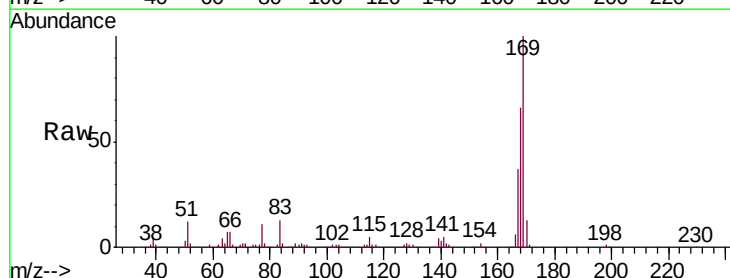
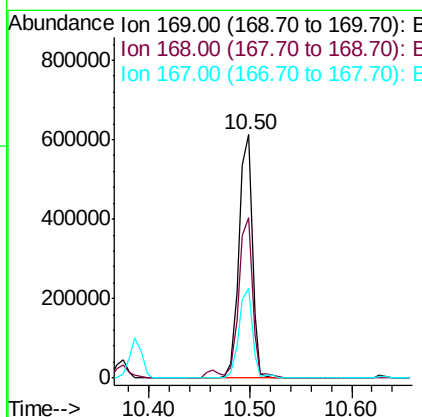
RT: 10.50 min Scan# 1430

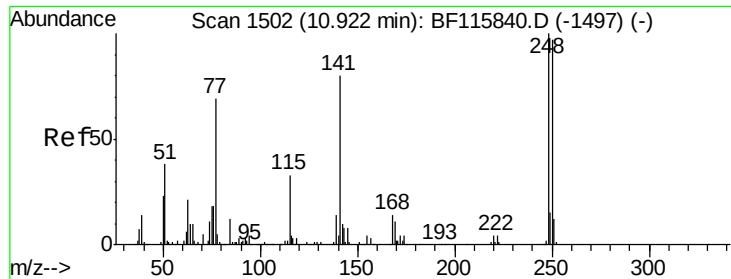
Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Tgt Ion:	169	Resp:	562957
Ion Ratio	Lower	Upper	
169	100		
168	65.9	53.8	80.6
167	36.8	29.6	44.4





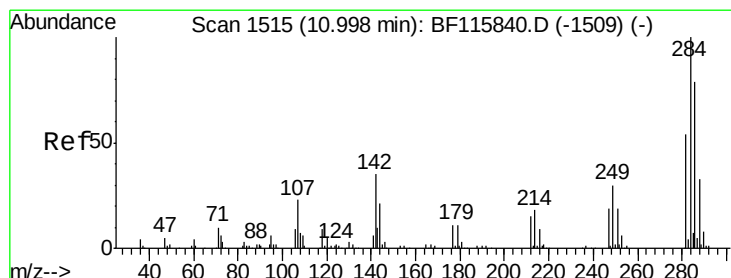
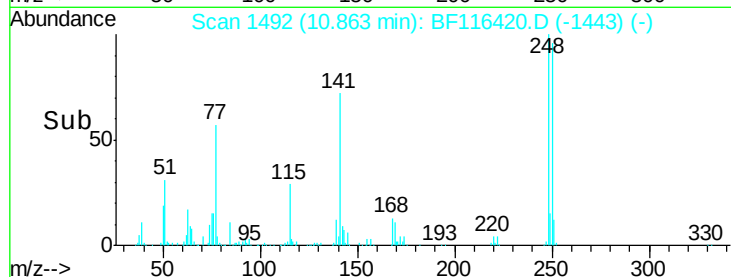
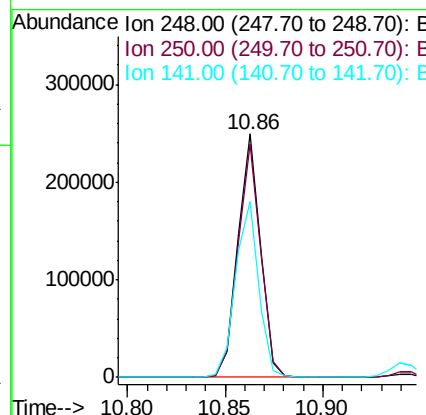
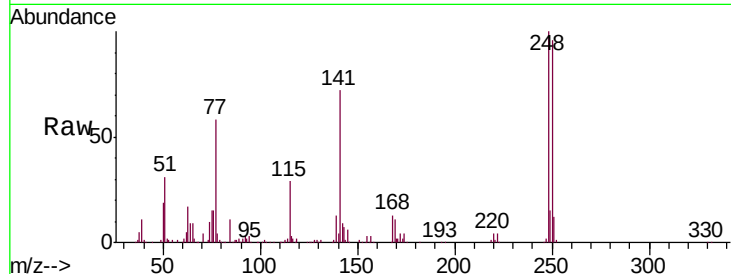
#67
 4-Bromophenyl-phenylether
 Concen: 42.926 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.4	116.2
141	72.2	56.8	85.2

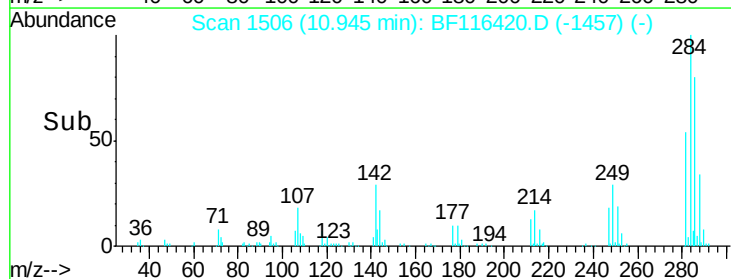
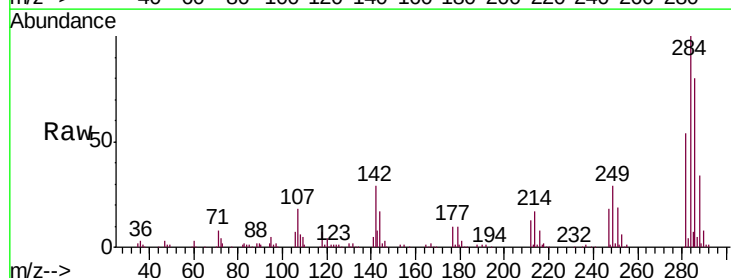
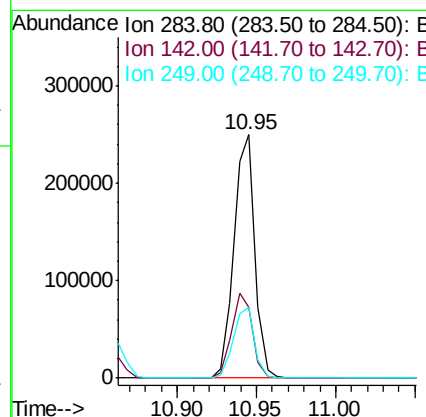
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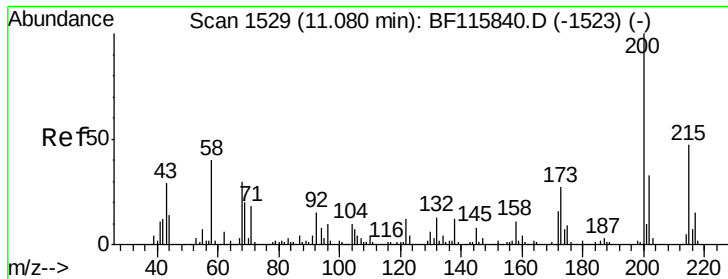
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#68
 Hexachlorobenzene
 Concen: 42.135 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	28.4	42.6
249	29.3	24.5	36.7





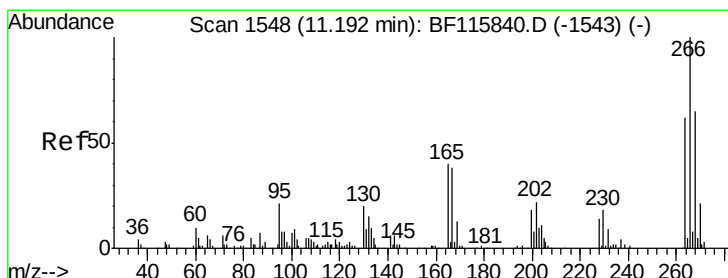
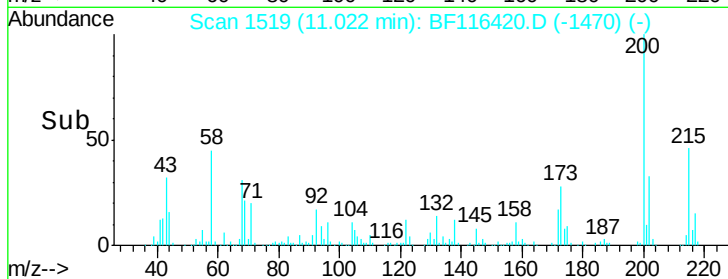
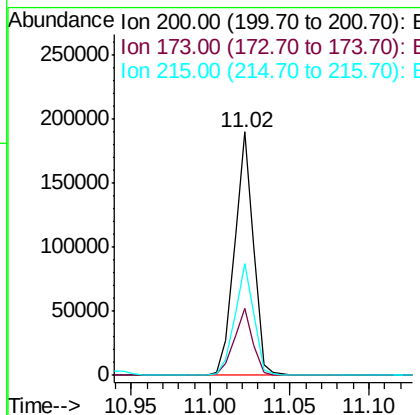
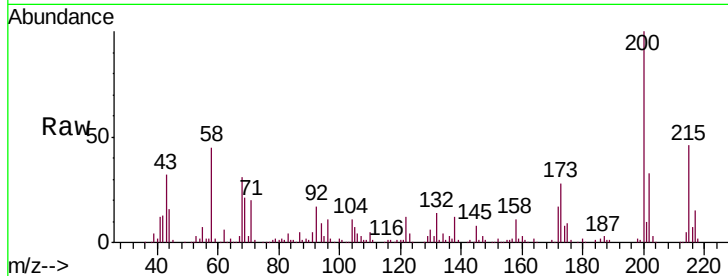
#69
 Atrazine
 Concen: 36.261 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.5	6.8	46.8
215	45.9	27.5	67.5

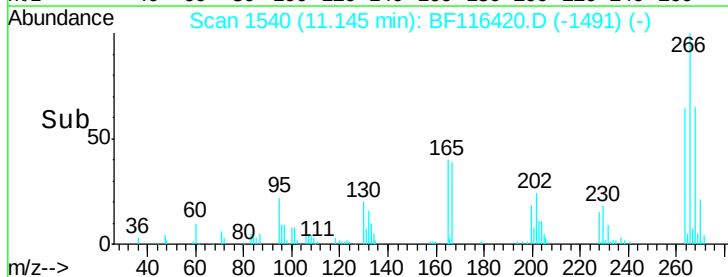
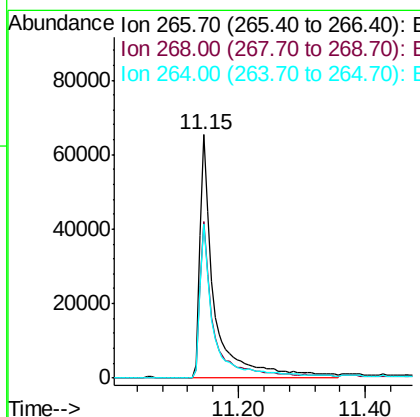
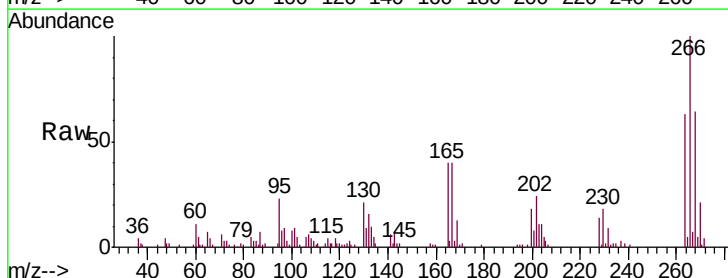
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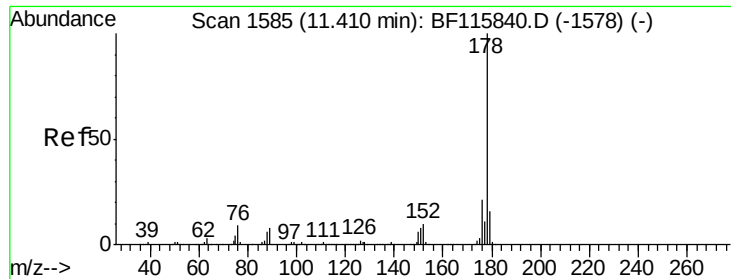
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#70
 Pentachlorophenol
 Concen: 39.924 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.5	48.8	73.2
264	63.3	50.6	76.0





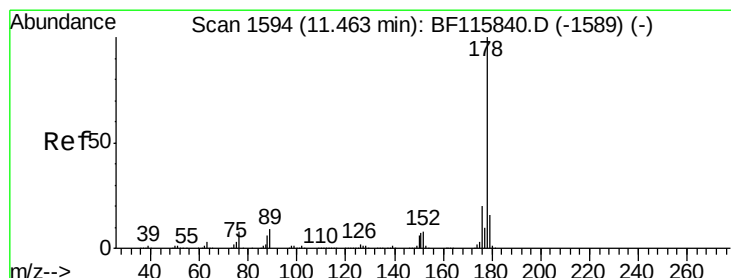
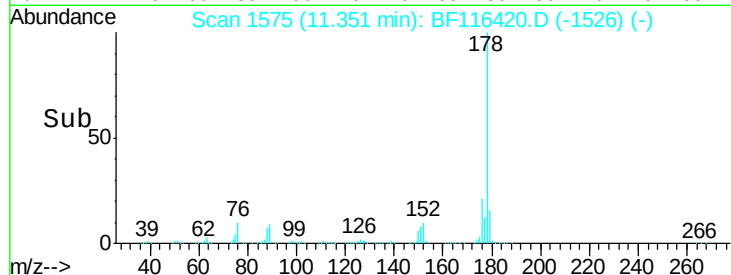
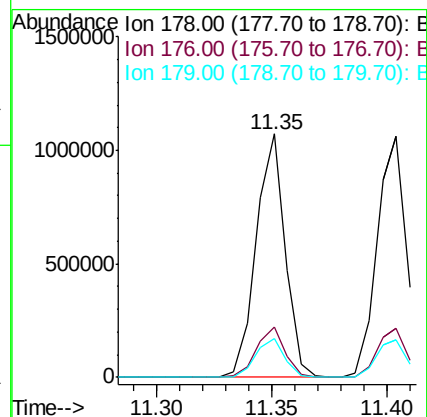
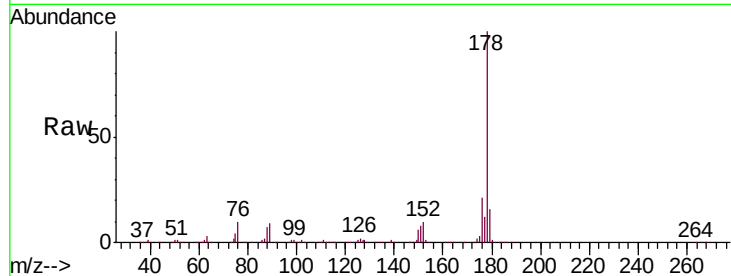
#71
Phenanthrene
Concen: 42.249 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	24.8
179	15.8	12.5	18.7

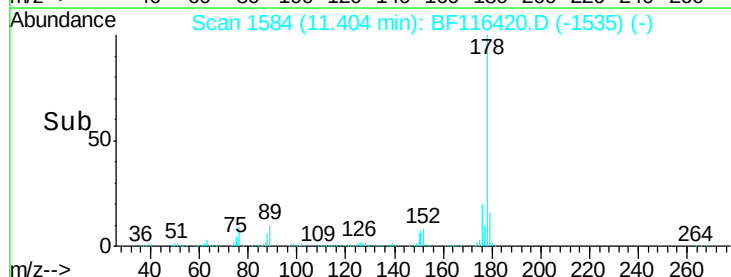
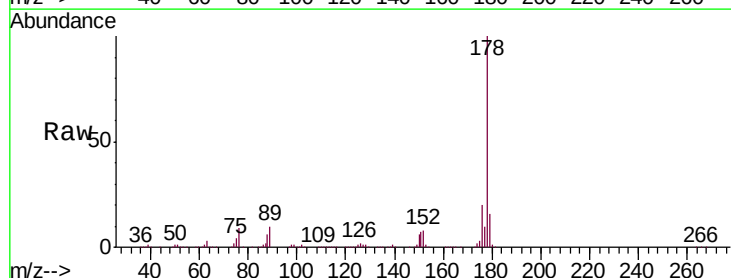
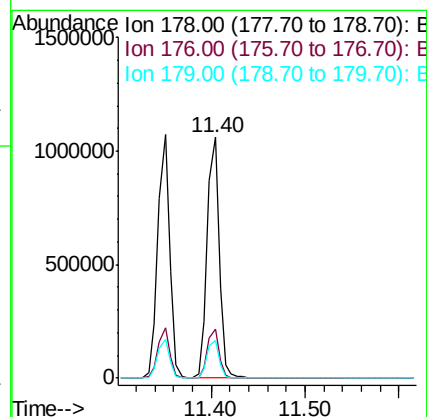
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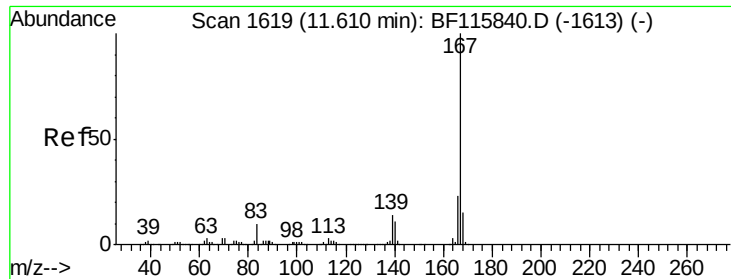
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#72
Anthracene
Concen: 42.294 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

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





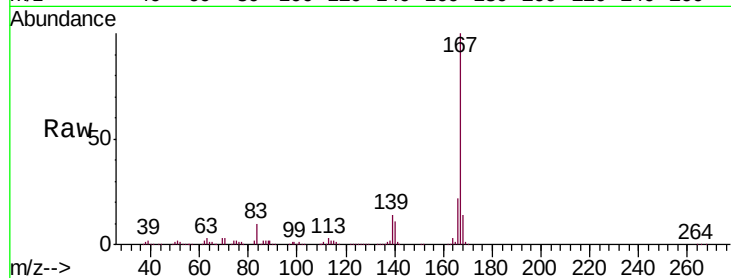
#73
 Carbazole
 Concen: 43.075 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.9	11.4	17.0

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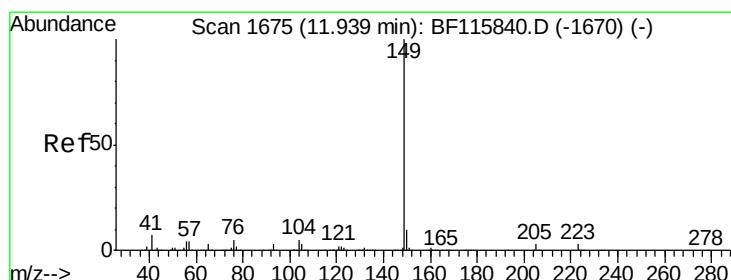
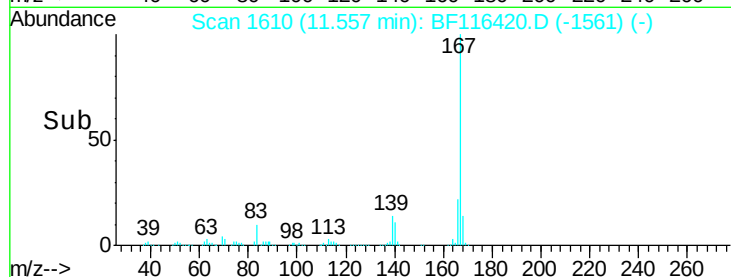
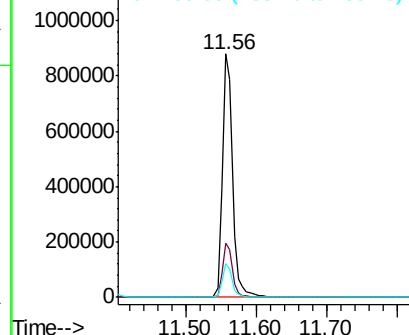


Abundance

Ion 167.00 (166.70 to 167.70): E

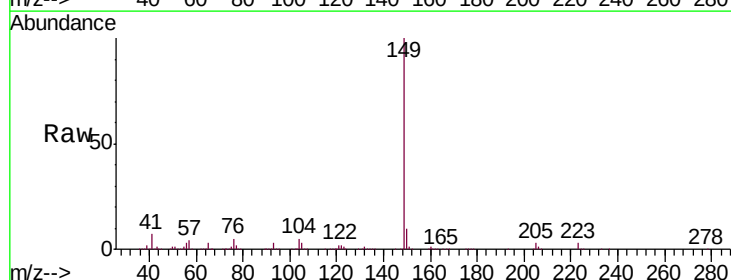
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 45.799 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.3	4.5	6.7

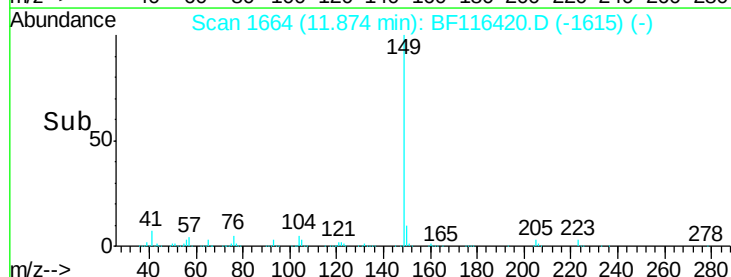
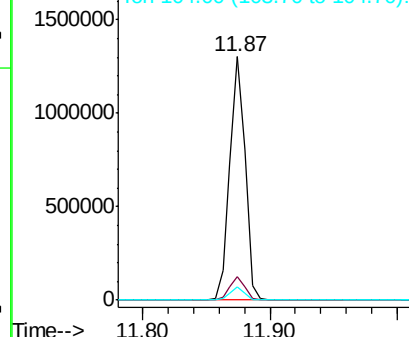


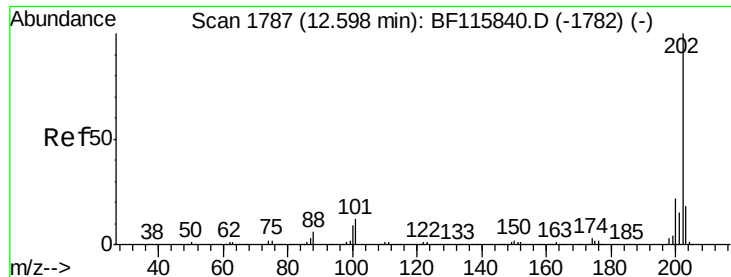
Abundance

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





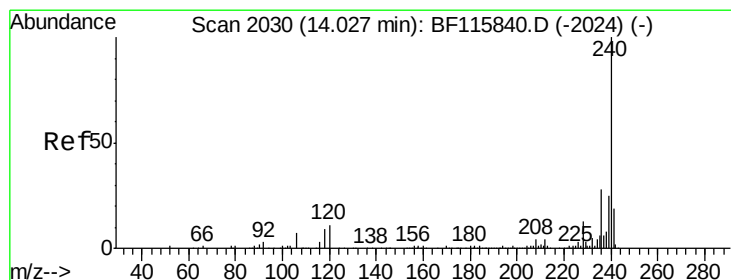
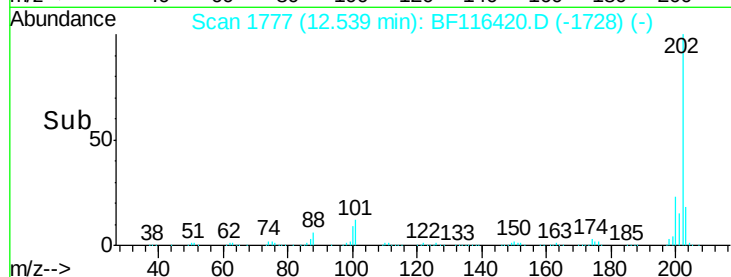
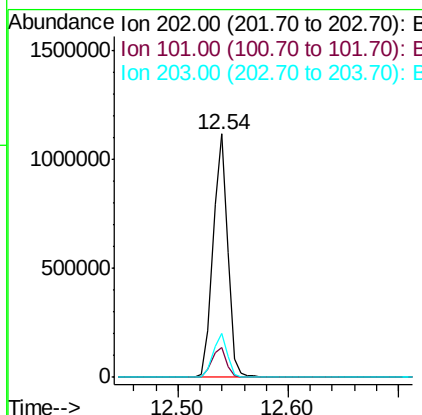
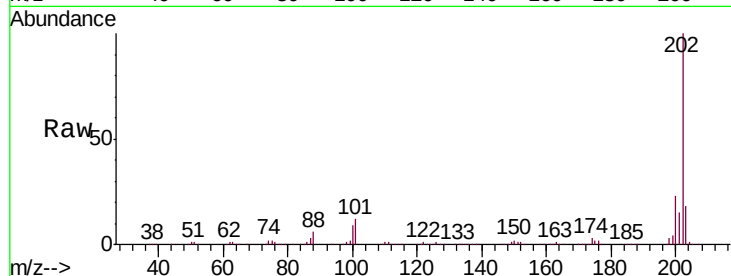
#75
 Fluoranthene
 Concen: 42.891 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1001069		
101	12.4	0.0	31.2	
203	18.3	0.0	37.8	

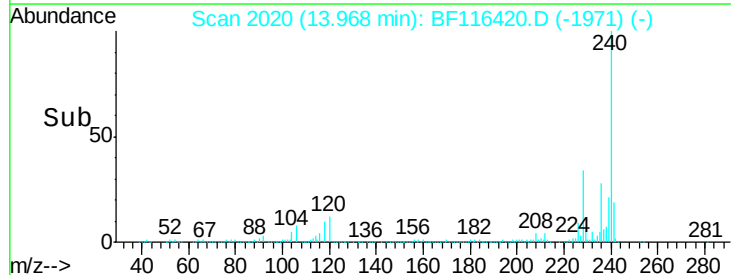
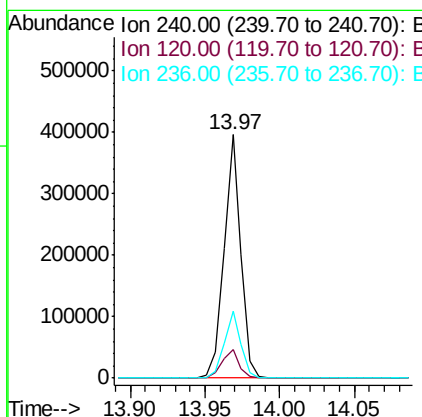
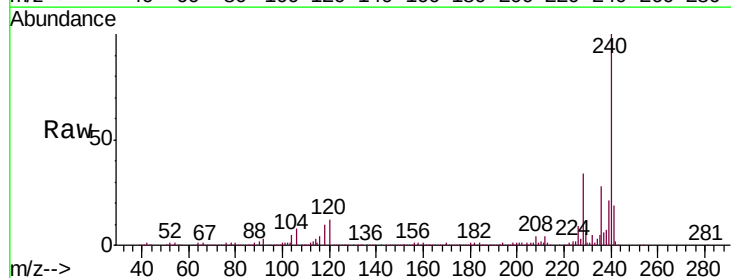
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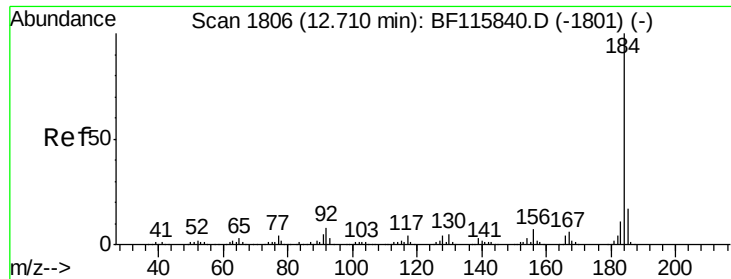
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	314500		
120	11.6	10.7	16.1	
236	27.7	22.2	33.2	





#77

Benzidine

Concen: 41.046 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

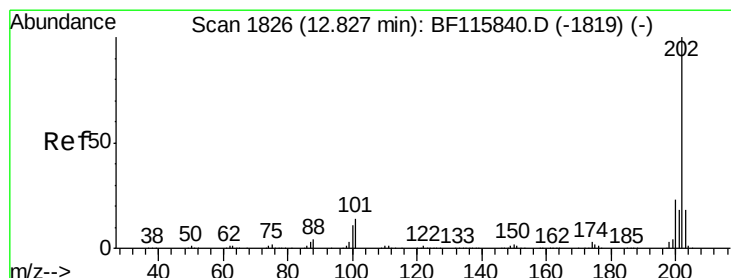
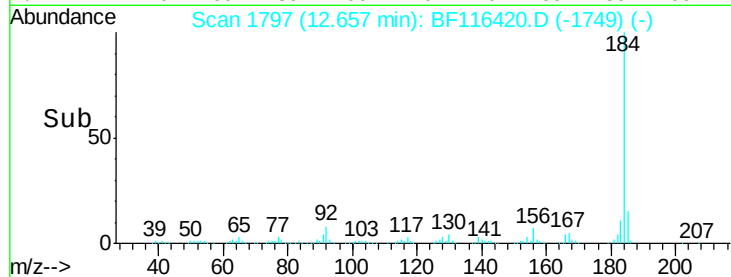
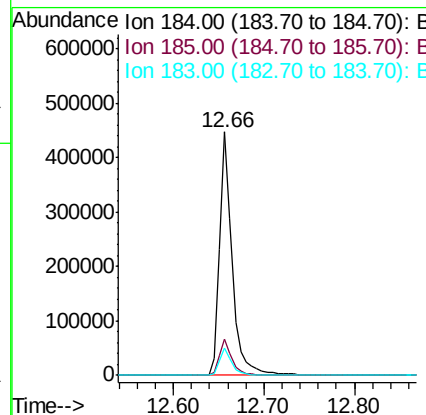
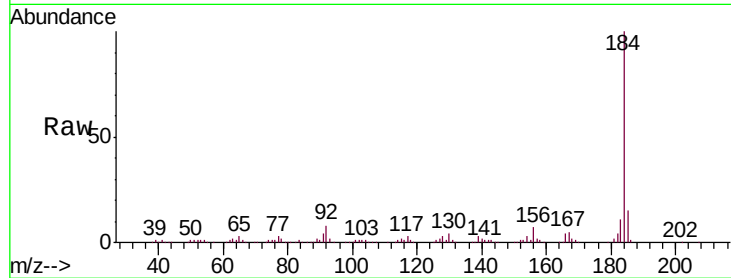
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	436119		
185	15.0	12.8	19.2	
183	11.4	9.4	14.0	

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#78

Pyrene

Concen: 42.911 ng

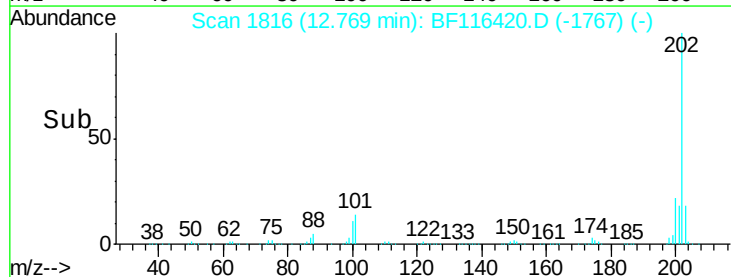
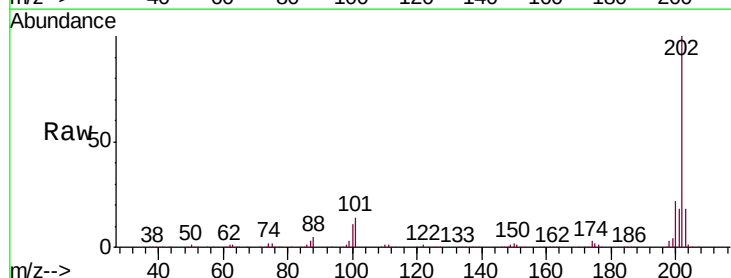
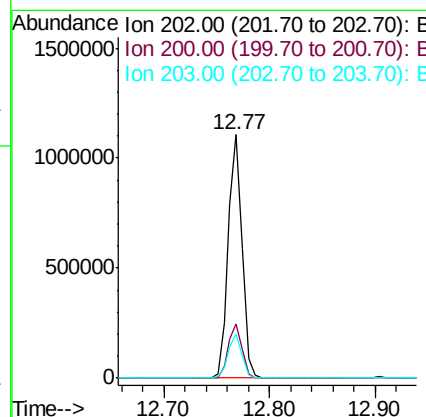
RT: 12.77 min Scan# 1816

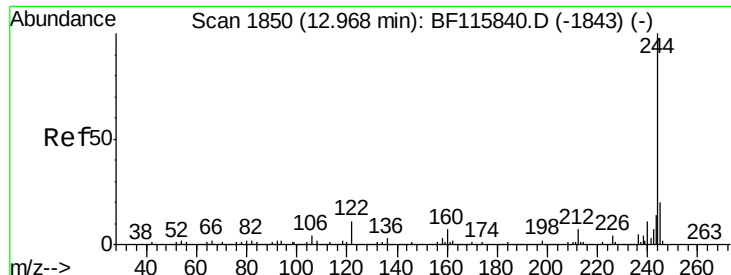
Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1017310		
200	22.4	18.0	27.0	
203	18.0	14.1	21.1	





#79

Terphenyl-d14

Concen: 86.169 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 1286094

Ion Ratio Lower Upper

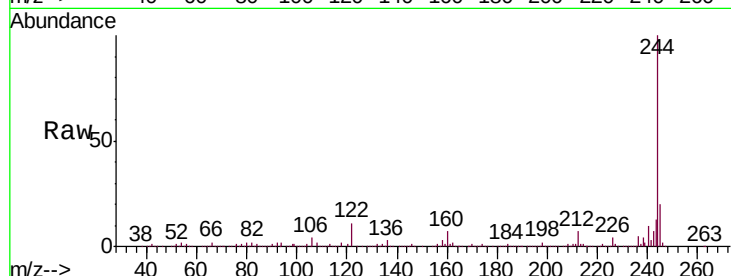
244 100

212 7.0 5.8 8.8

122 10.9 9.0 13.4

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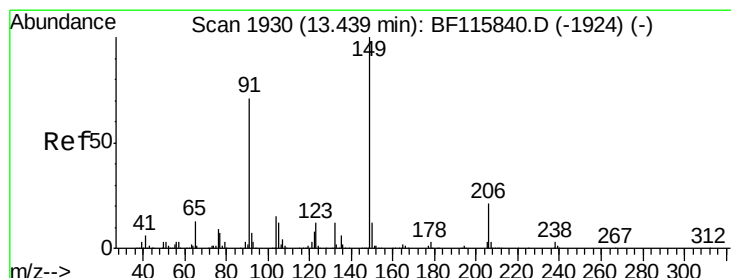
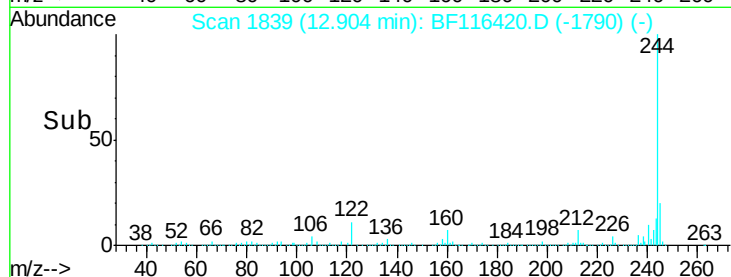
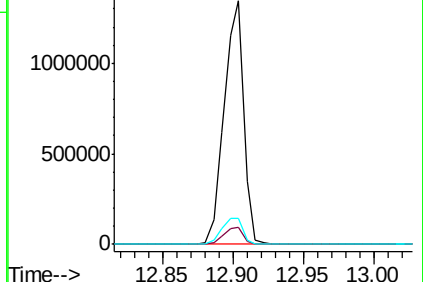
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.675 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

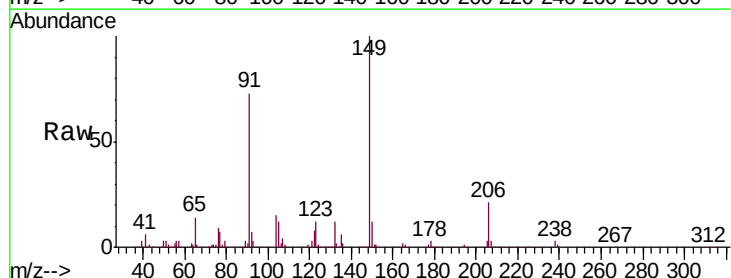
Tgt Ion:149 Resp: 458044

Ion Ratio Lower Upper

149 100

91 73.4 56.3 84.5

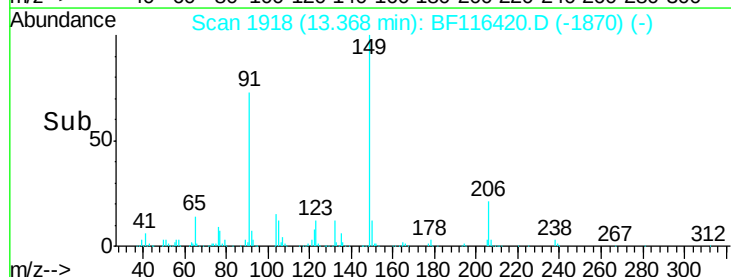
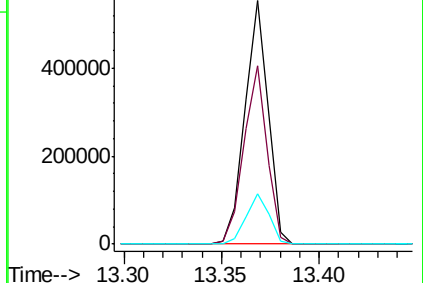
206 20.6 18.0 27.0

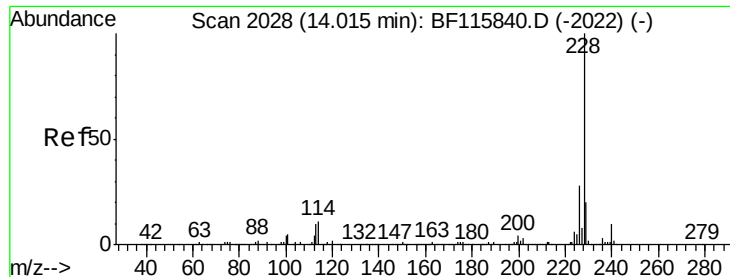


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





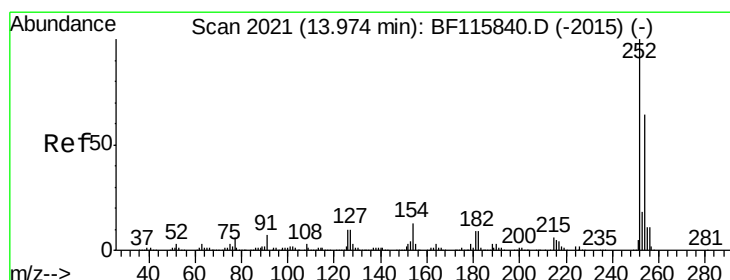
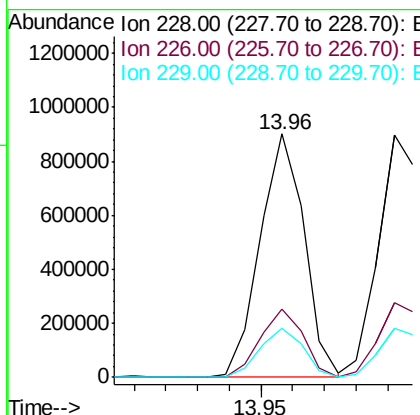
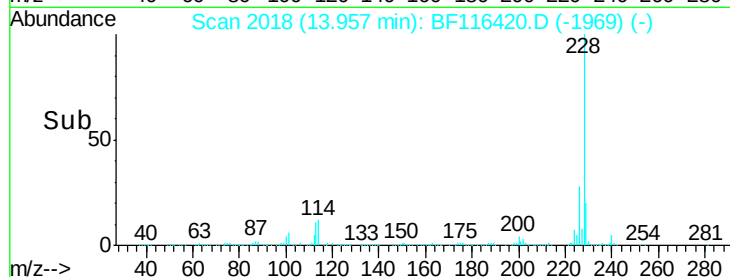
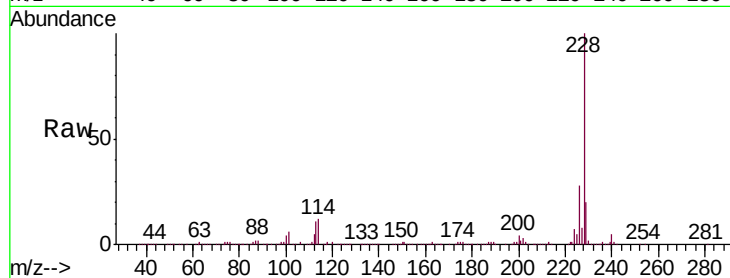
#81
Benzo(a)anthracene
Concen: 43.445 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	20.3	16.2	24.4

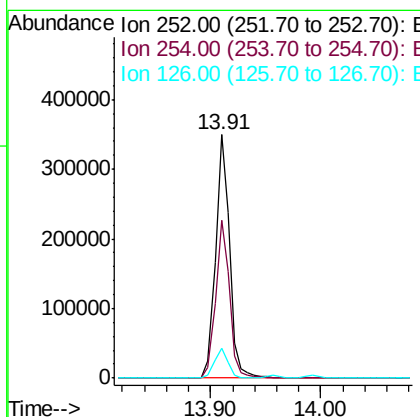
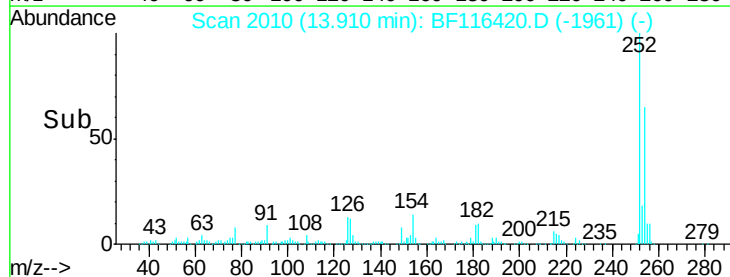
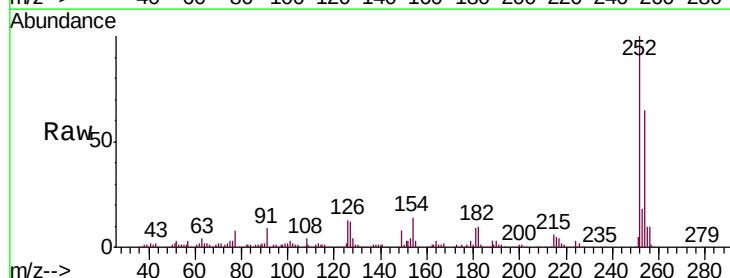
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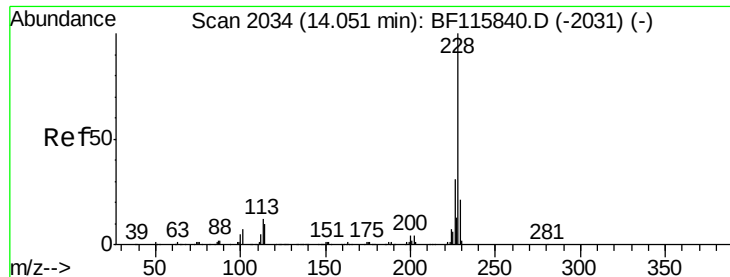
Jagrut
8/21/2019 3:50:50 PM



#82
3,3'-Dichlorobenzidine
Concen: 43.767 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.9	76.3
126	12.5	9.8	14.8





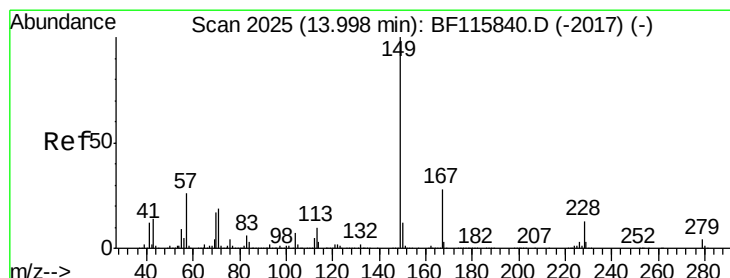
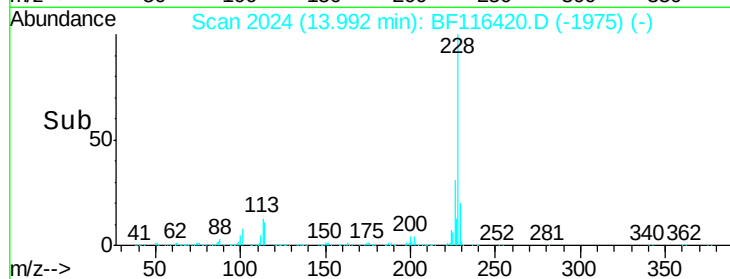
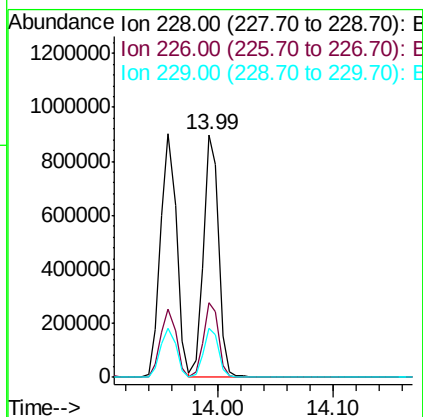
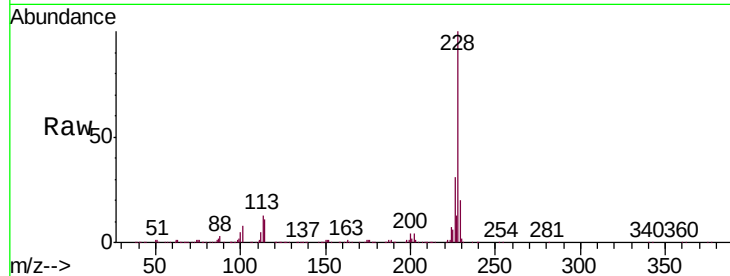
#83
Chrysene
Concen: 42.545 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.5	38.3
229	20.3	16.6	24.8

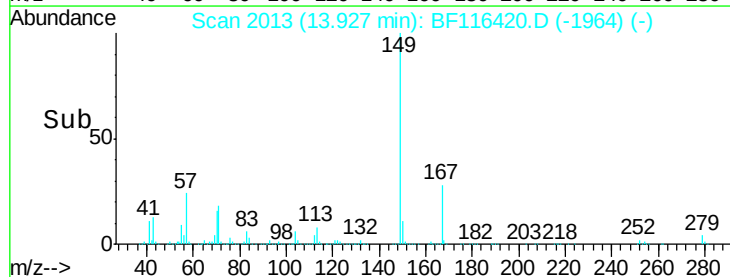
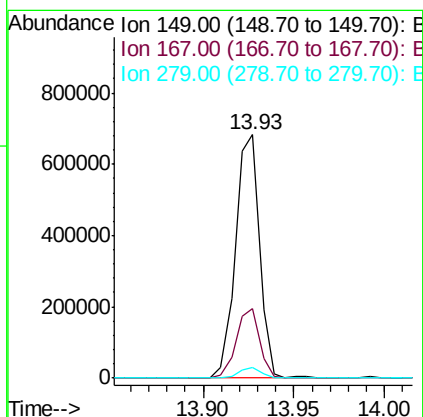
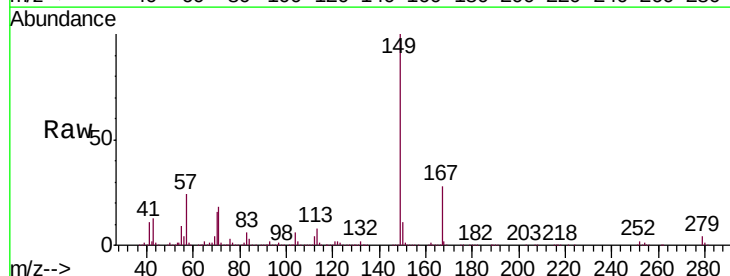
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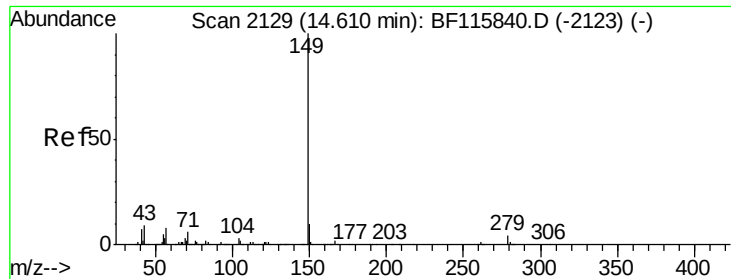
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.526 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.6	32.4
279	4.4	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 47.591 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Instrument :

BNA_F

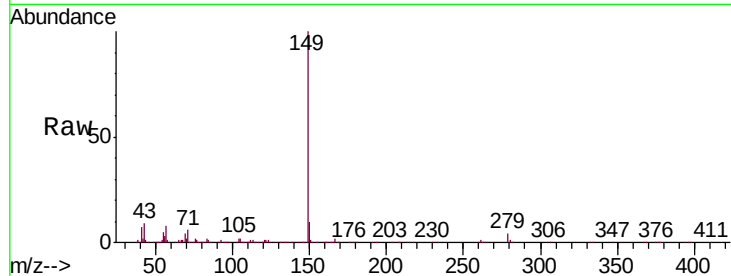
ClientSampled :

SSTDCCC040

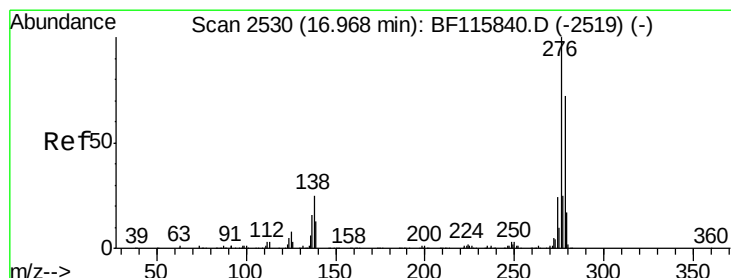
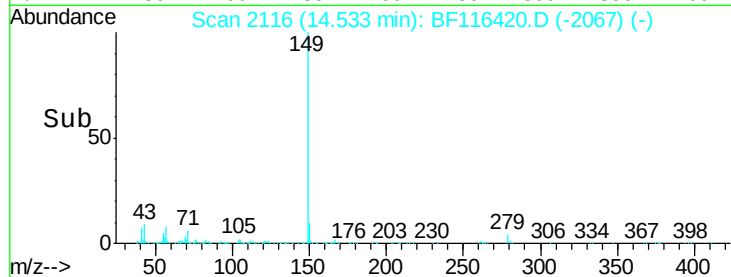
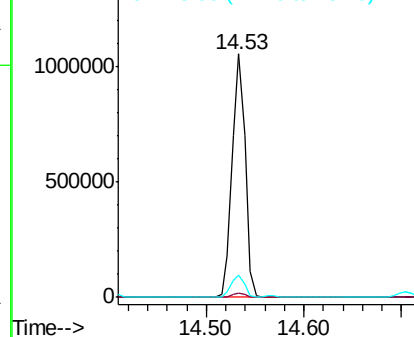
Tgt Ion:	149	Resp:	985099
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	9.2	7.5	11.3

Manual Integrations
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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: 41.413 ng

RT: 16.89 min Scan# 2516

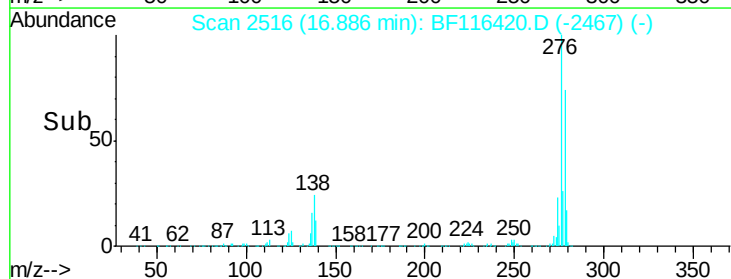
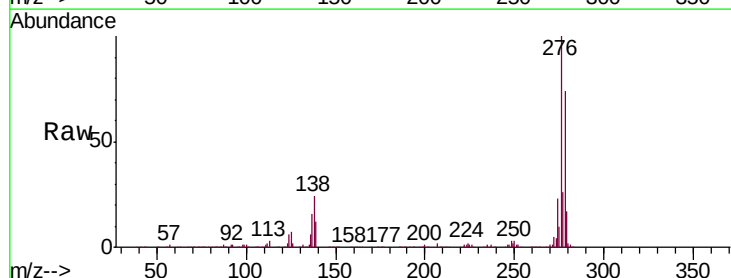
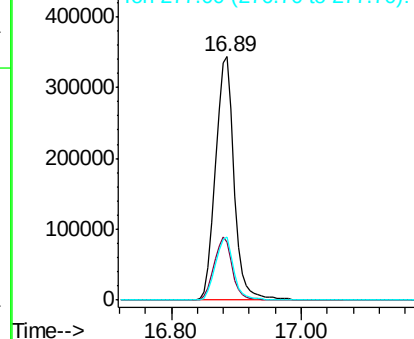
Delta R.T. -0.01 min

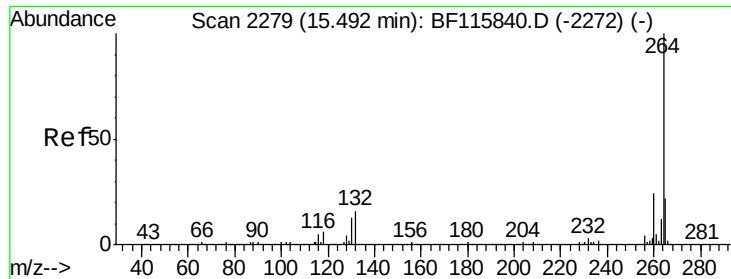
Lab File: BF116420.D

Acq: 20 Aug 2019 8:33

Tgt Ion:	276	Resp:	678807
Ion Ratio	Lower	Upper	
276	100		
138	25.7	20.4	30.6
277	25.5	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





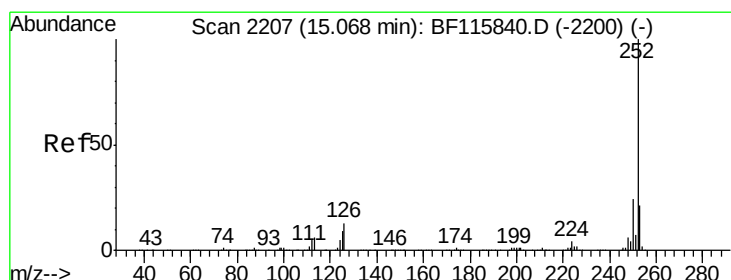
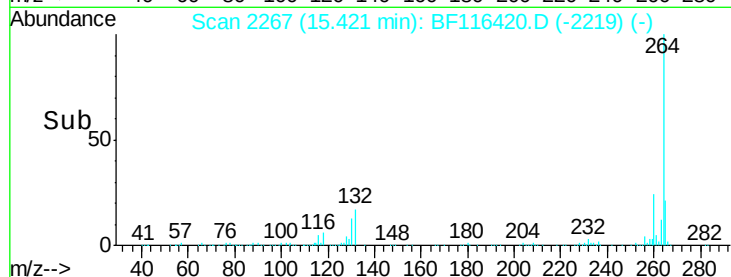
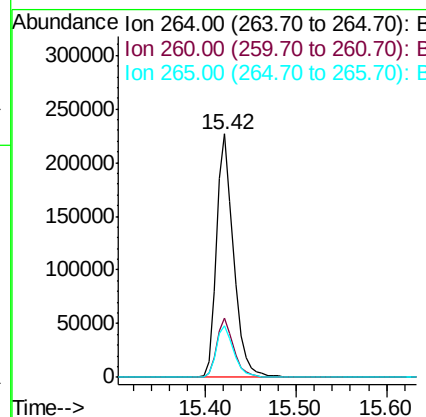
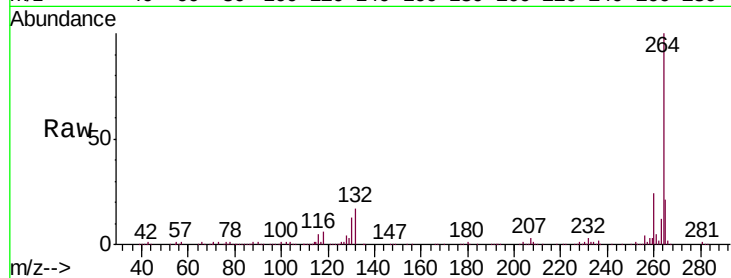
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	297898		
260	24.3	19.7	29.5	
265	21.4	17.4	26.0	

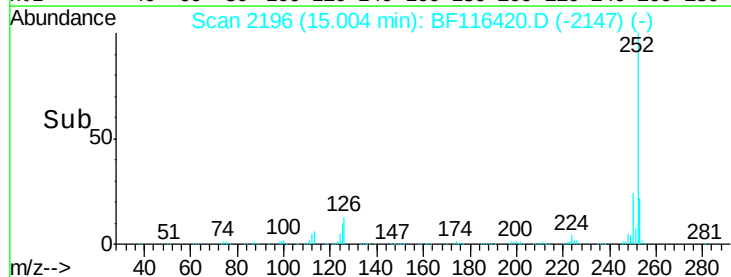
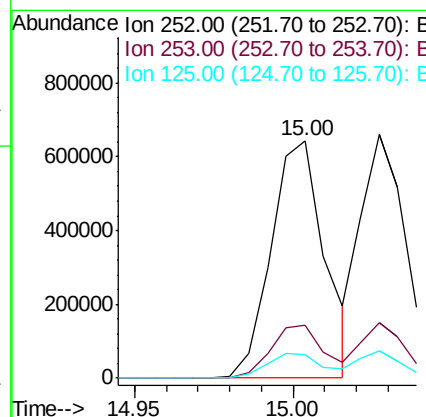
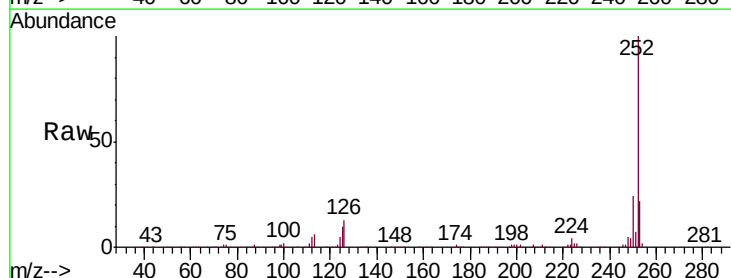
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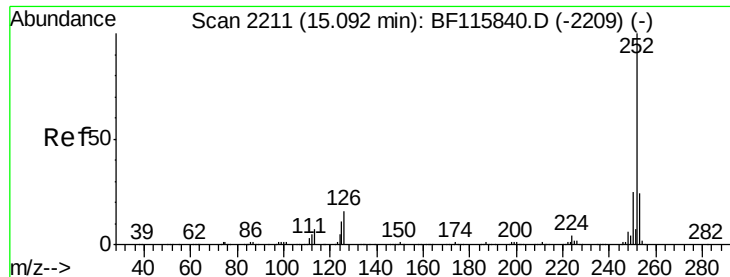
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#88
 Benzo(b)fluoranthene
 Concen: 43.904 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BF116420.D
 Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	756247		
253	22.2	17.8	26.8	
125	10.1	8.4	12.6	





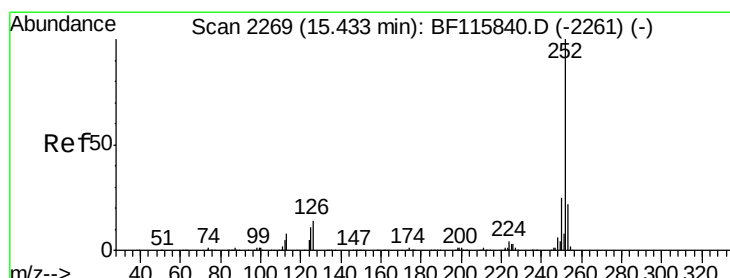
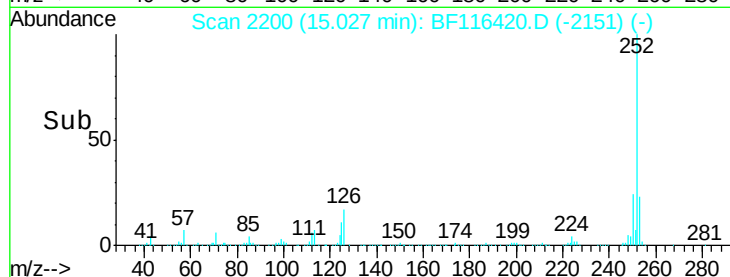
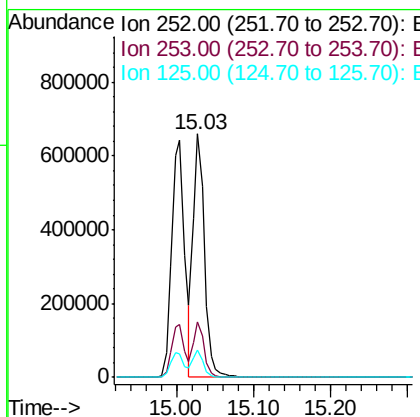
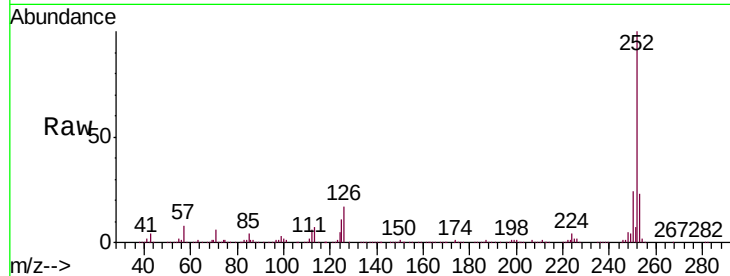
#89
Benzo(k)fluoranthene
Concen: 40.524 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.2	7.7	11.5

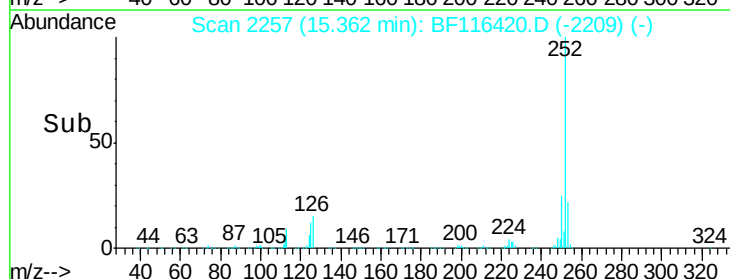
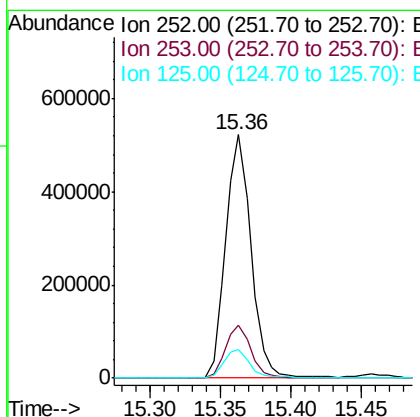
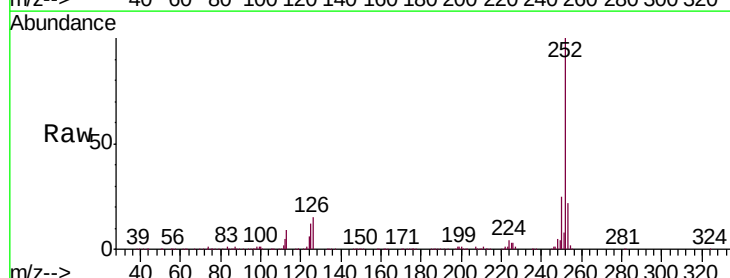
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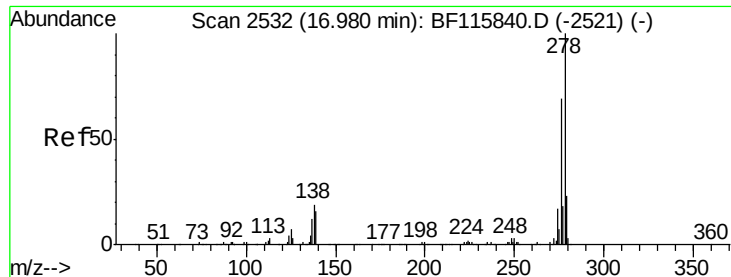
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#90
Benzo(a)pyrene
Concen: 42.659 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	11.7	8.9	13.3





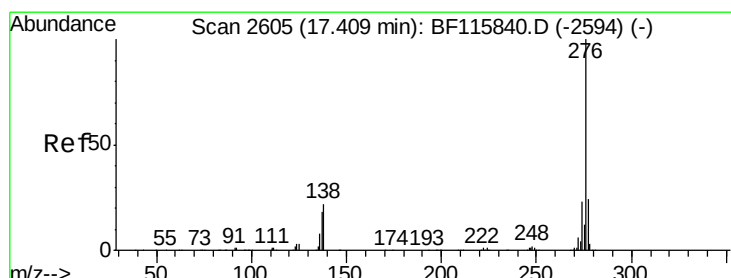
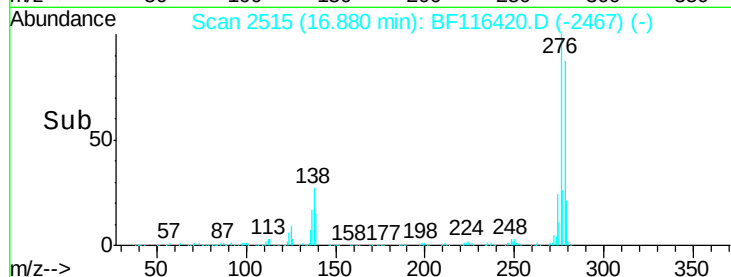
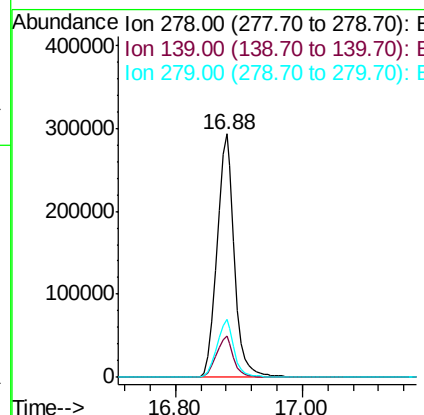
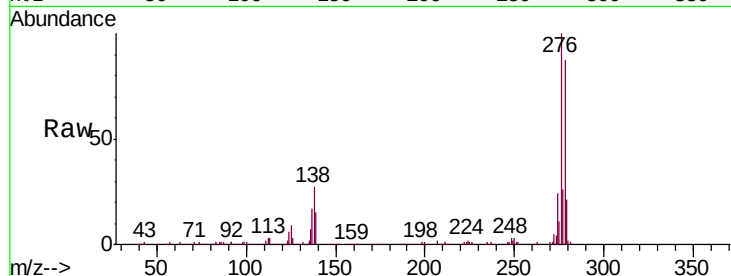
#91
Dibenzo(a,h)anthracene
Concen: 42.638 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.8	19.2
279	23.7	18.8	28.2

Manual Integrations
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8/21/2019 3:50:50 PM



#92
Benzo(g,h,i)perylene
Concen: 41.772 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.02 min
Lab File: BF116420.D
Acq: 20 Aug 2019 8:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	20.5	17.0	25.6

