

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116427.D
 Acq On : 20 Aug 2019 11:44
 Operator : HP/JU
 Sample : PB122321BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:05 PM

Quant Time: Aug 20 15:21:08 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	117576	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	490763	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	257637	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	446957	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	312924	20.00	ng	-0.01
87) Perylene-d12	15.42	264	262575	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	823037	117.19	ng	0.00
7) Phenol-d6	6.46	99	992044	111.95	ng	0.00
23) Nitrobenzene-d5	7.37	82	653498	76.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	273109	109.34	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1148702	83.51	ng	-0.01
79) Terphenyl-d14	12.90	244	1244833	83.82	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	141314	39.828	ng	97
3) Pyridine	3.39	79	321908	32.478	ng	99
4) n-Nitrosodimethylamine	3.34	42	149736	38.282	ng	97
6) Aniline	6.47	93	364894	28.754	ng	# 54
8) 2-Chlorophenol	6.60	128	349186	44.961	ng	97
9) Benzaldehyde	6.36	77	110329	18.045	ng	98
10) Phenol	6.47	94	429245	41.135	ng	95
11) bis(2-Chloroethyl)ether	6.54	93	340600	44.396	ng	98
12) 1,3-Dichlorobenzene	6.75	146	372144	41.461	ng	99
13) 1,4-Dichlorobenzene	6.82	146	383108	42.629	ng	98
14) 1,2-Dichlorobenzene	6.97	146	350281	42.329	ng	99
15) Benzyl Alcohol	6.96	79	276422	41.105	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	433750	41.450	ng	61
17) 2-Methylphenol	7.07	107	283594	43.124	ng	# 91
18) Hexachloroethane	7.31	117	136237	41.174	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	244445	44.517	ng	99
20) 3+4-Methylphenols	7.23	107	370802	47.648	ng	# 78
22) Acetophenone	7.22	105	484326	44.999	ng	# 93
24) Nitrobenzene	7.39	77	386969	42.153	ng	99
25) Isophorone	7.63	82	691575	42.540	ng	98
26) 2-Nitrophenol	7.71	139	188342	43.523	ng	95
27) 2,4-Dimethylphenol	7.75	122	306686	47.106	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	424310	42.109	ng	100
29) 2,4-Dichlorophenol	7.96	162	294093	42.782	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	321318	41.006	ng	99
31) Naphthalene	8.10	128	1001019	43.345	ng	99
32) Benzoic acid	7.91	122	152010	33.117	ng	99
33) 4-Chloroaniline	8.16	127	279403	27.077	ng	98
34) Hexachlorobutadiene	8.22	225	182359	40.403	ng	99
35) Caprolactam	8.54	113	90949m	40.907	ng	
36) 4-Chloro-3-methylphenol	8.66	107	305189	42.676	ng	99
37) 2-Methylnaphthalene	8.80	142	661256	43.476	ng	99
38) 1-Methylnaphthalene	8.90	142	613350	42.627	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	304352	44.188	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	138049	47.263	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	182168	38.425	ng	100
44) 2,4,5-Trichlorophenol	9.14	196	186586	38.074	ng	96
46) 1,1'-Biphenyl	9.26	154	805467	44.283	ng	98
47) 2-Chloronaphthalene	9.29	162	628015	41.484	ng	99
48) 2-Nitroaniline	9.39	65	195549	39.079	ng	96
49) Acenaphthylene	9.70	152	930868	42.148	ng	99
50) Dimethylphthalate	9.56	163	716769	40.860	ng	100
51) 2,6-Dinitrotoluene	9.63	165	161082	42.254	ng #	81
52) Acenaphthene	9.87	154	572039	42.219	ng	100
53) 3-Nitroaniline	9.80	138	129728	27.540	ng	97
54) 2,4-Dinitrophenol	9.93	184	102092	55.324	ng	99
55) Dibenzofuran	10.05	168	799474	40.574	ng	99
56) 4-Nitrophenol	9.99	139	157721	52.268	ng	95
57) 2,4-Dinitrotoluene	10.05	165	195695	38.556	ng	92
58) Fluorene	10.39	166	658625	43.445	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	173730	42.137	ng	96
60) Diethylphthalate	10.26	149	698451	42.646	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	334117	43.517	ng	99
62) 4-Nitroaniline	10.42	138	155394	31.921	ng	98
63) Azobenzene	10.53	77	722950	42.916	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	97934	41.347	ng	98
66) n-Nitrosodiphenylamine	10.50	169	583234	43.354	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	198991	41.589	ng	99
68) Hexachlorobenzene	10.94	284	225496	40.757	ng	97
69) Atrazine	11.02	200	176110	39.792	ng	97
70) Pentachlorophenol	11.14	266	154085	57.364	ng	97
71) Phenanthrene	11.35	178	956675	41.869	ng	100
72) Anthracene	11.40	178	991812	42.890	ng	99
73) Carbazole	11.56	167	884659	42.167	ng	99
74) Di-n-butylphthalate	11.87	149	1108505	45.293	ng	99
75) Fluoranthene	12.54	202	1017036	42.516	ng	99
77) Benzidine	12.66	184	266289	25.188	ng	98
78) Pyrene	12.77	202	1020845	43.277	ng	100
80) Butylbenzylphthalate	13.37	149	471494	47.253	ng	96
81) Benzo(a)anthracene	13.96	228	842108	42.103	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	261228	37.594	ng	100
83) Chrysene	13.99	228	826187	42.548	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	649683	50.105	ng #	97
85) Di-n-octyl phthalate	14.53	149	1030532	50.037	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	713544	43.752	ng	100
88) Benzo(b)fluoranthene	15.00	252	753158	49.607	ng	99
89) Benzo(k)fluoranthene	15.03	252	703454	47.570	ng	98
90) Benzo(a)pyrene	15.36	252	683688	50.375	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	605670	51.555	ng	99
92) Benzo(g,h,i)perylene	17.32	276	605785	52.505	ng	99

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

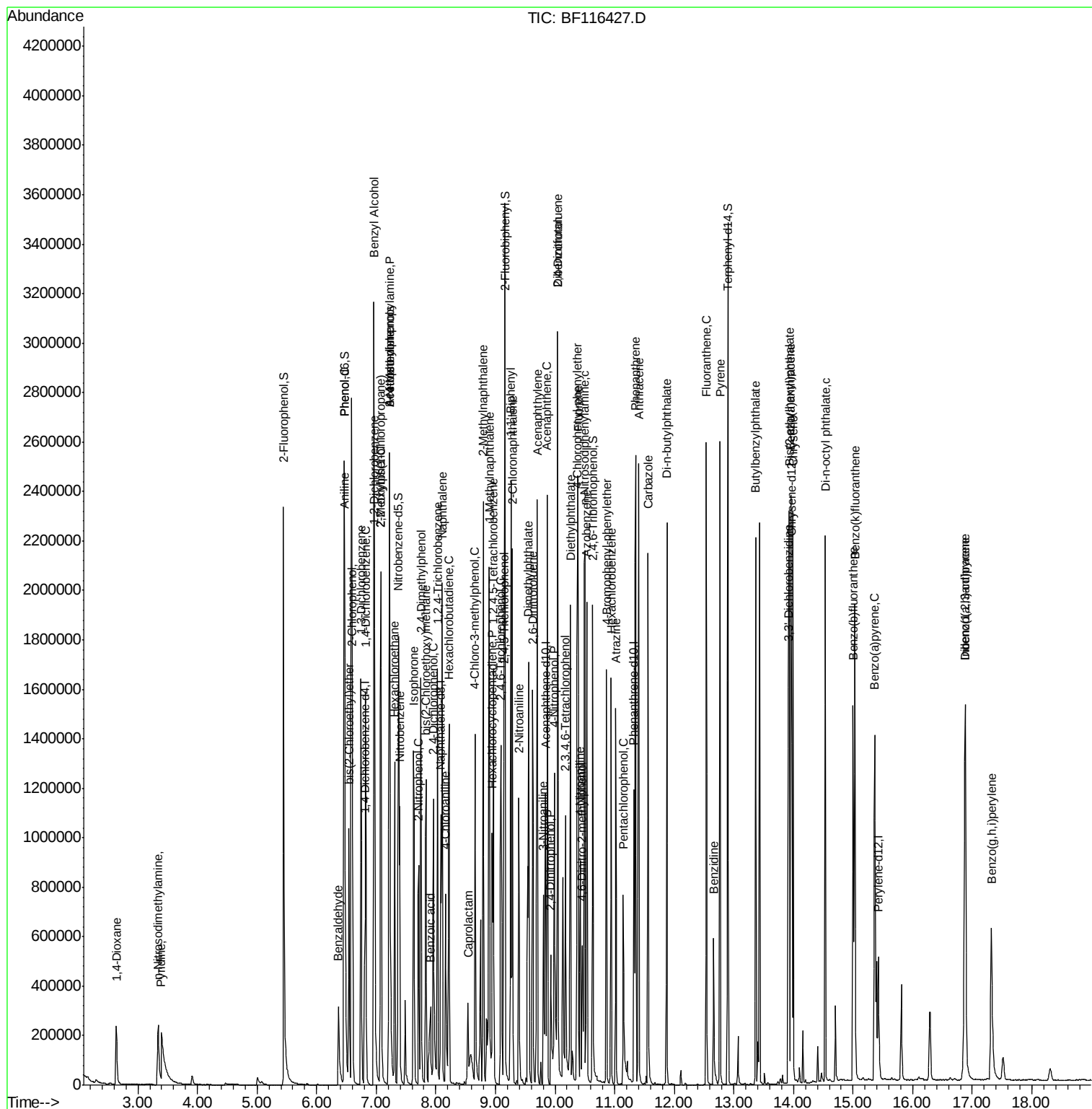
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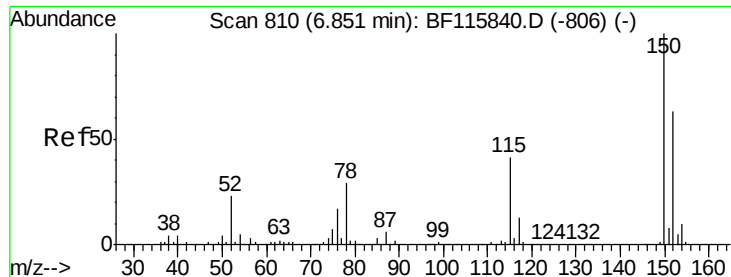
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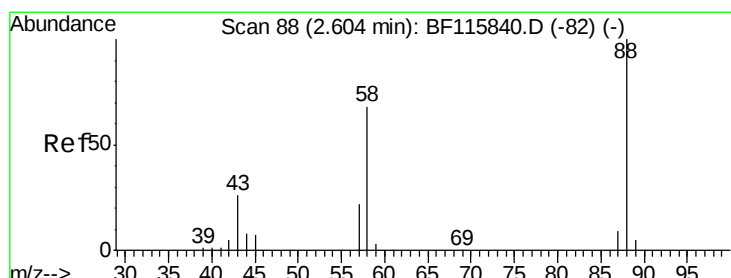
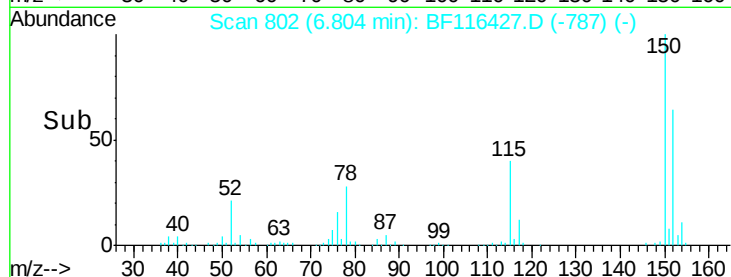
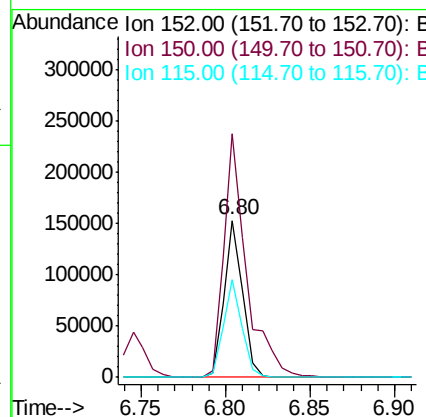
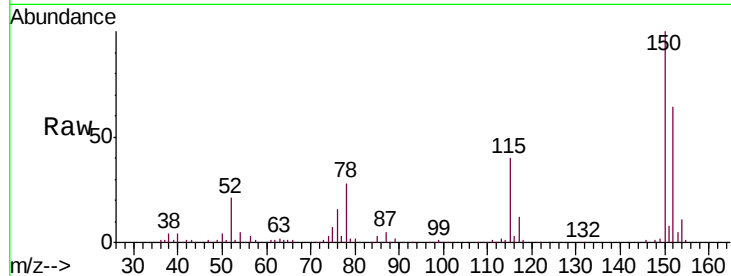
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	62.4	49.9	74.9

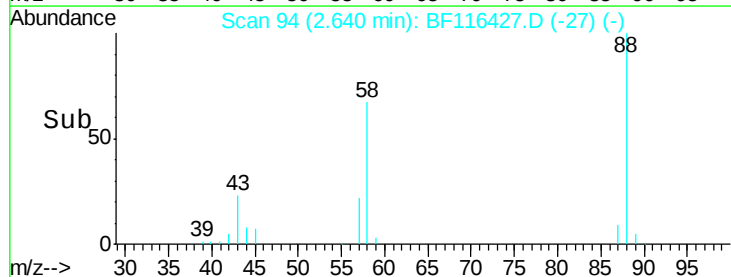
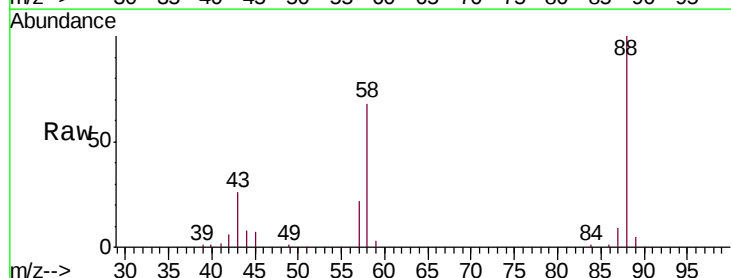
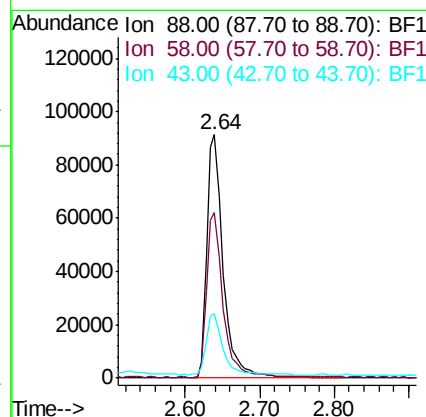
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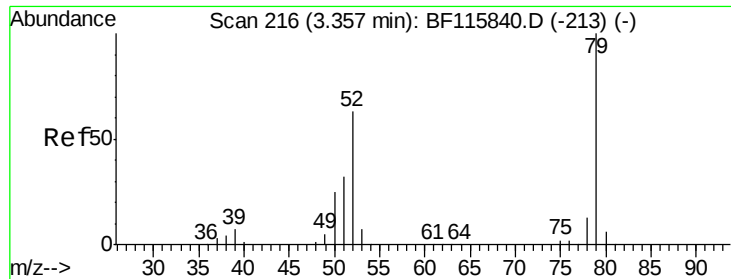
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#2
 1,4-Dioxane
 Concen: 39.828 ng
 RT: 2.64 min Scan# 94
 Delta R.T. 0.09 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	53.7	80.5
43	25.7	21.0	31.4





#3

Pyridine

Concen: 32.478 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.09 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

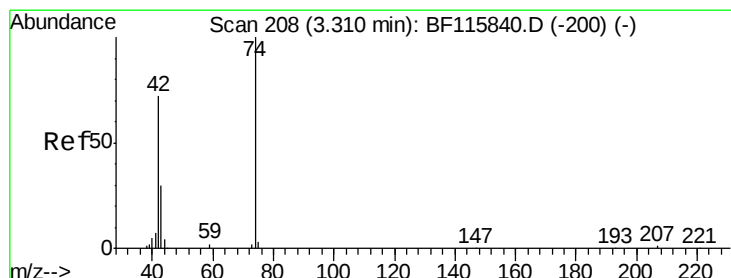
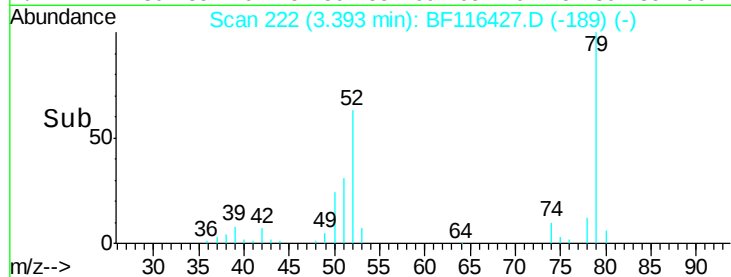
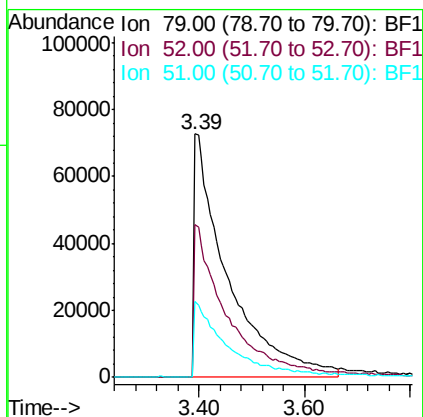
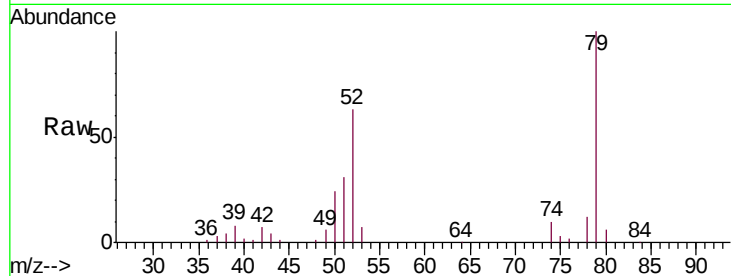
ClientSampleId :

PB122321BS

Tgt Ion:	79	Resp:	321908
Ion	Ratio	Lower	Upper
79	100		
52	62.8	49.8	74.8
51	31.1	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 38.282 ng

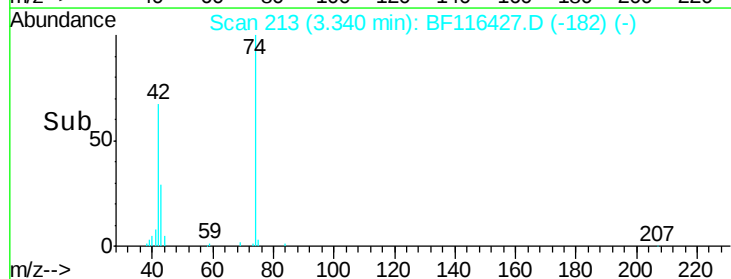
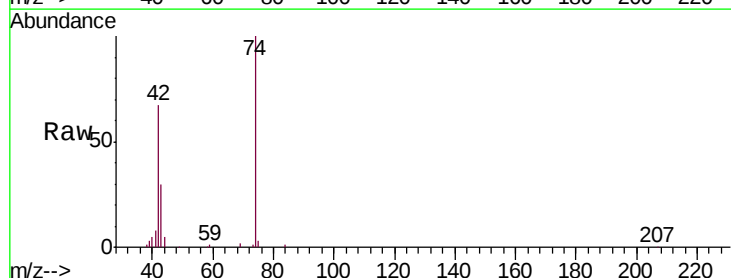
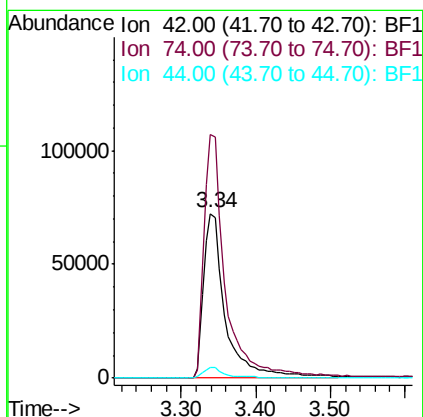
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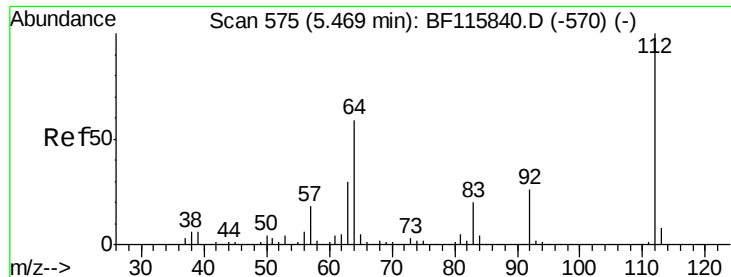
Delta R.T. 0.08 min

Lab File: BF116427.D

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Tgt Ion:	42	Resp:	149736
Ion	Ratio	Lower	Upper
42	100		
74	148.2	116.0	174.0
44	6.8	4.6	7.0





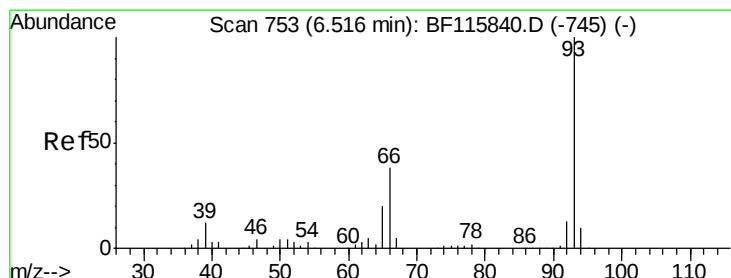
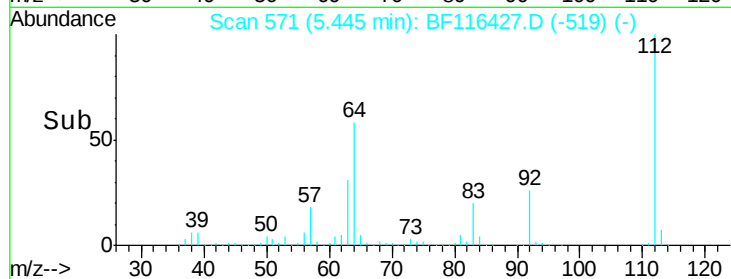
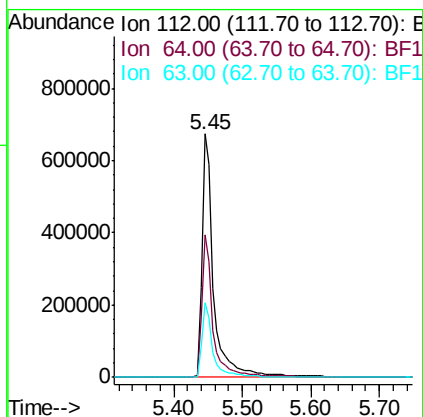
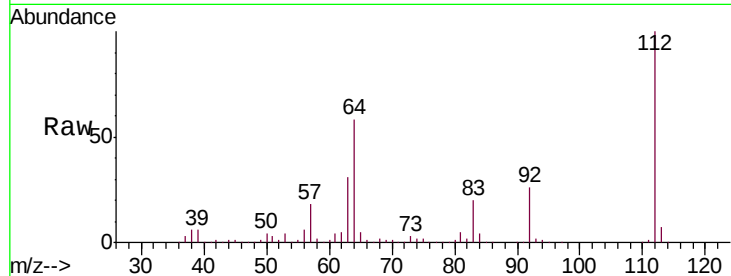
#5
2-Fluorophenol
Concen: 117.185 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	58.5	45.4	68.2
63	30.8	23.7	35.5

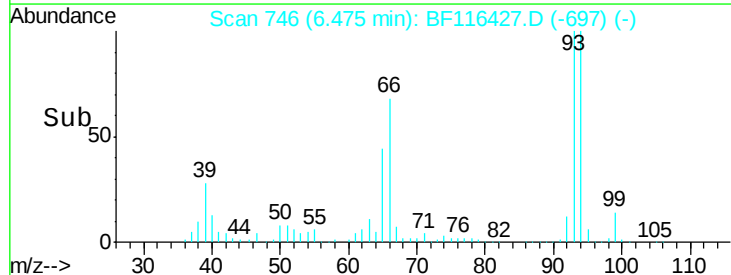
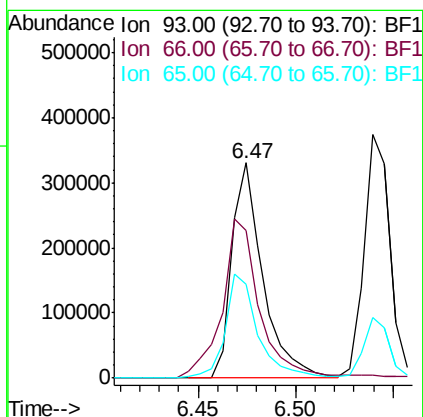
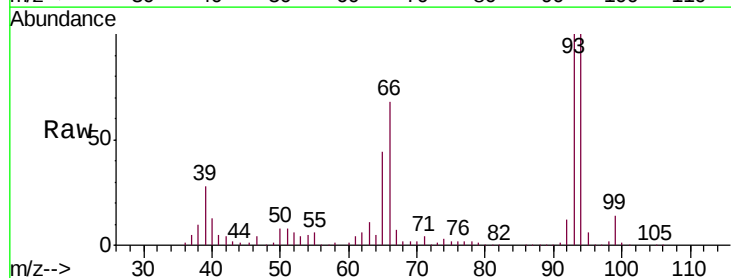
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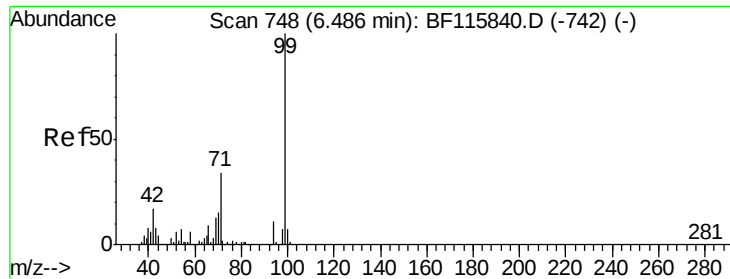
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#6
Aniline
Concen: 28.754 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	68.4	32.2	48.4#
65	43.8	17.0	25.6#





#7

Phenol-d6

Concen: 111.953 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

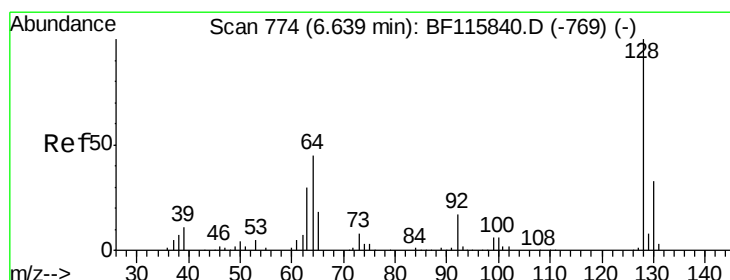
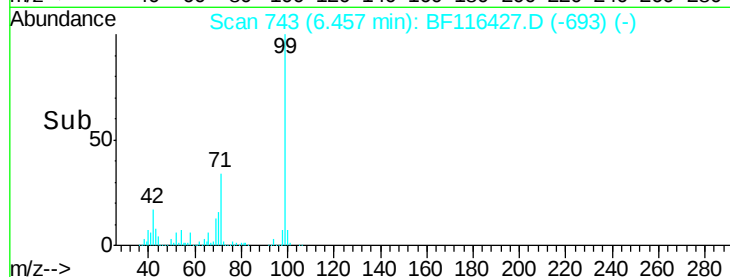
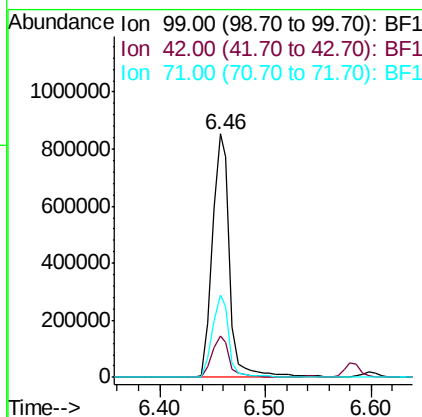
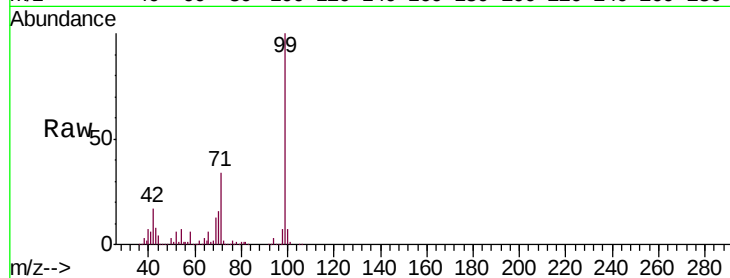
ClientSampled :

PB122321BS

Tgt Ion:	99	Resp:	992044
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.8	20.8
71	34.0	27.3	40.9

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#8

2-Chlorophenol

Concen: 44.961 ng

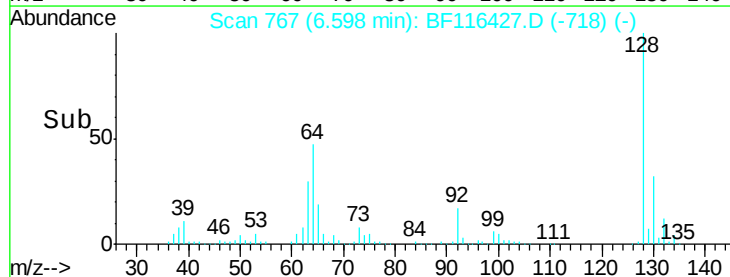
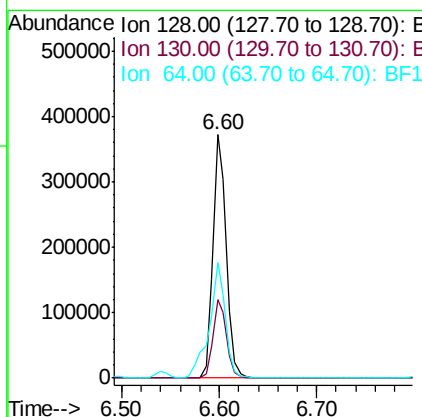
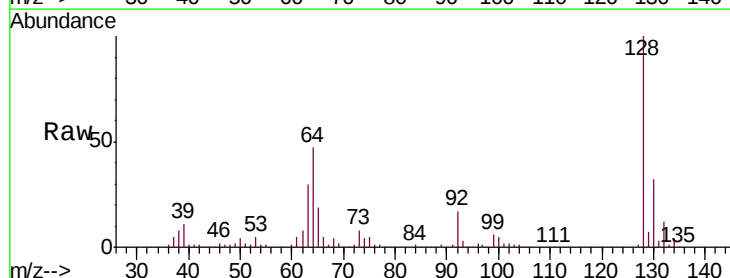
RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Tgt Ion:	128	Resp:	349186
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	47.4	24.3	64.3





#9

Benzaldehyde

Concen: 18.045 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

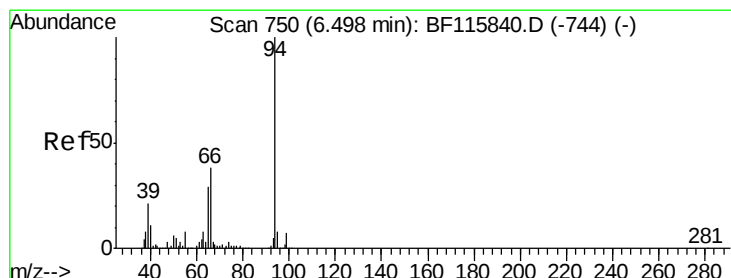
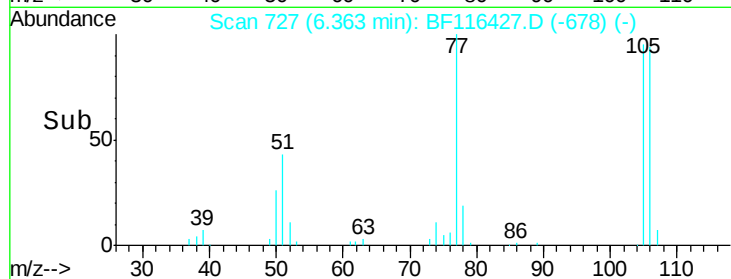
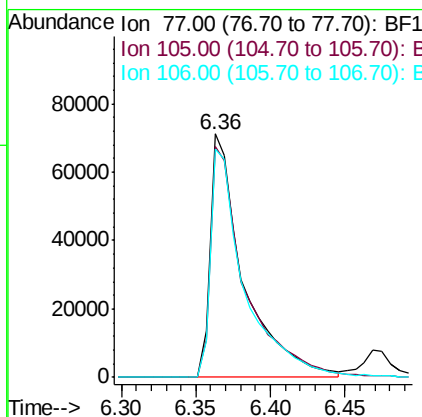
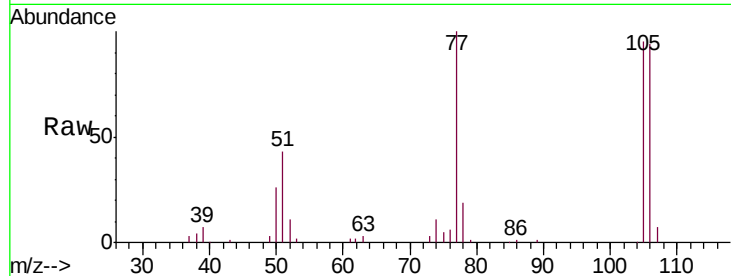
ClientSampleId :

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Tgt Ion:	77	Resp:	110329
Ion	Ratio	Lower	Upper
77	100		
105	94.9	79.2	119.2
106	93.7	74.3	114.3

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#10

Phenol

Concen: 41.135 ng

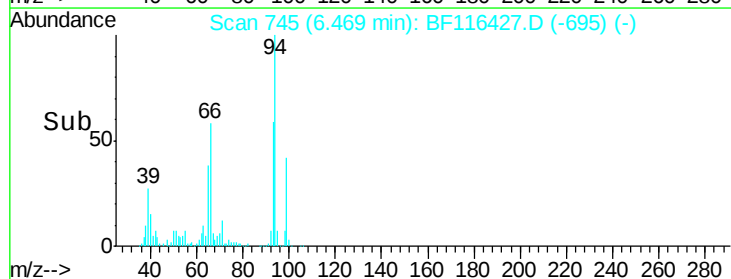
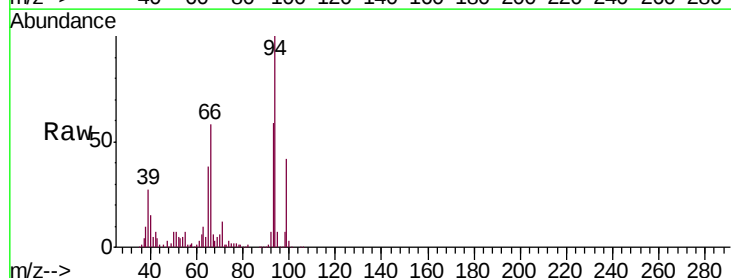
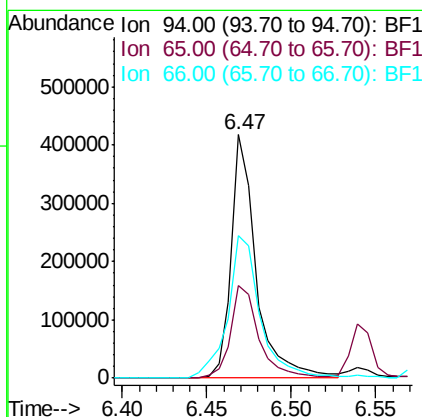
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Tgt Ion:	94	Resp:	429245
Ion	Ratio	Lower	Upper
94	100		
65	38.2	16.8	56.8
66	58.5	34.2	74.2





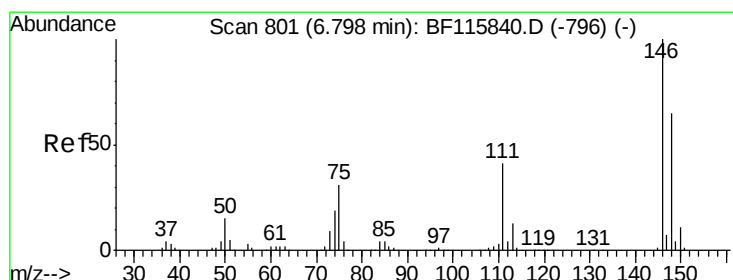
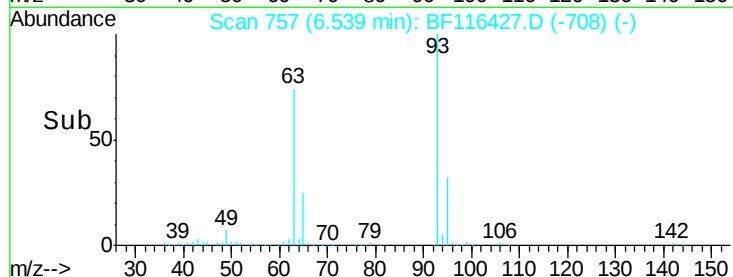
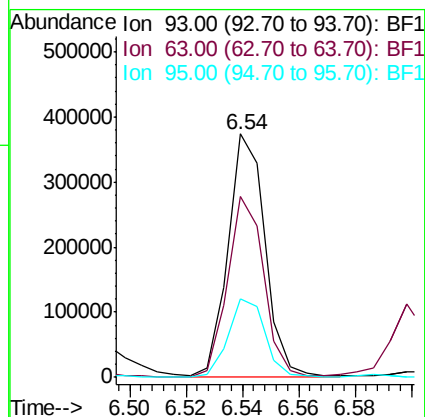
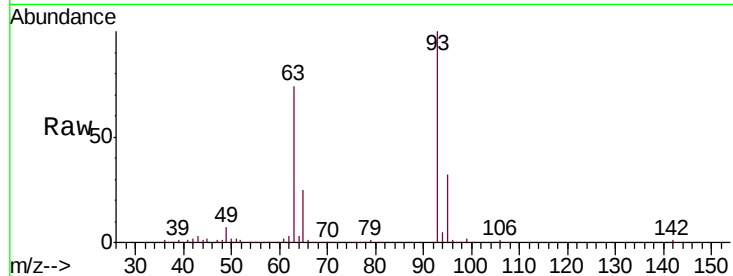
#11
bis(2-Chloroethyl)ether
Concen: 44.396 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion:	93	Resp:	340600
Ion Ratio	Lower	Upper	
93	100		
63	74.1	51.9	91.9
95	32.1	13.0	53.0

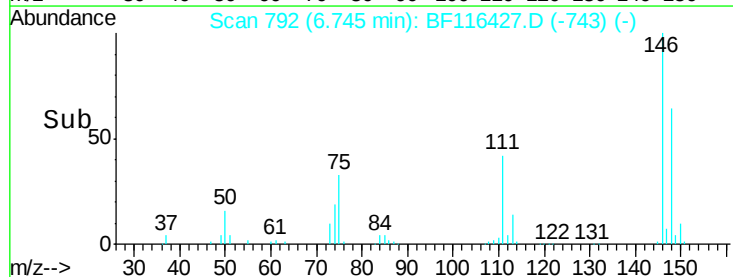
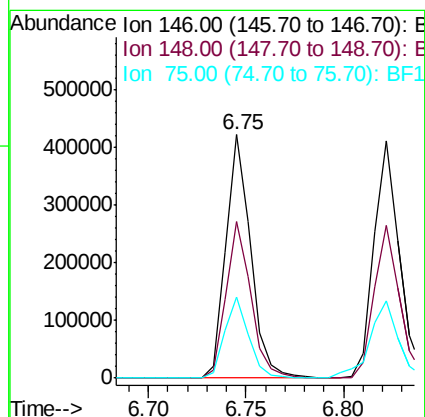
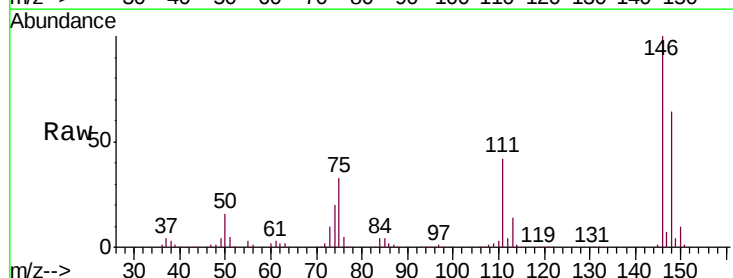
Manual Integrations
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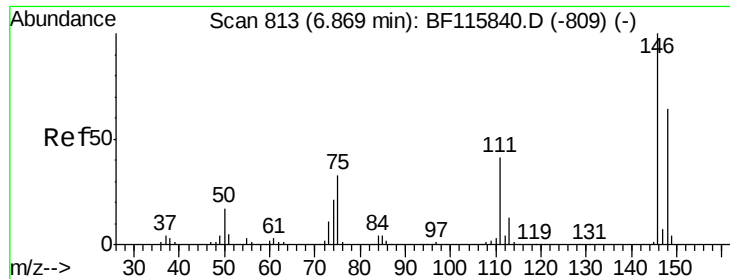
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#12
1,3-Dichlorobenzene
Concen: 41.461 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion:	146	Resp:	372144
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.3	76.9
75	33.1	27.4	41.2





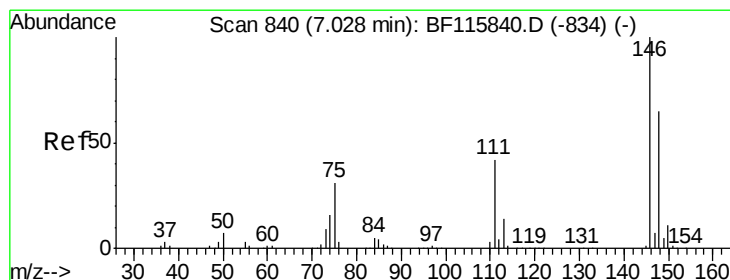
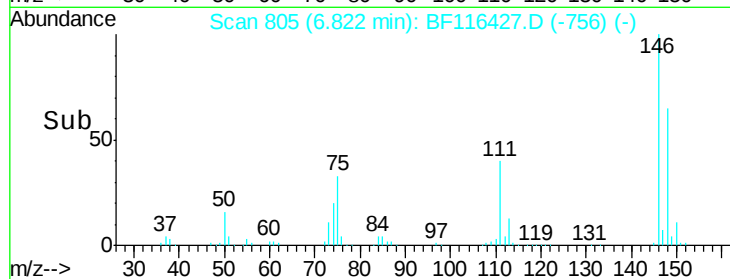
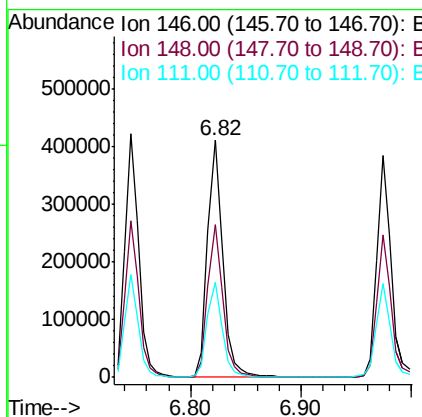
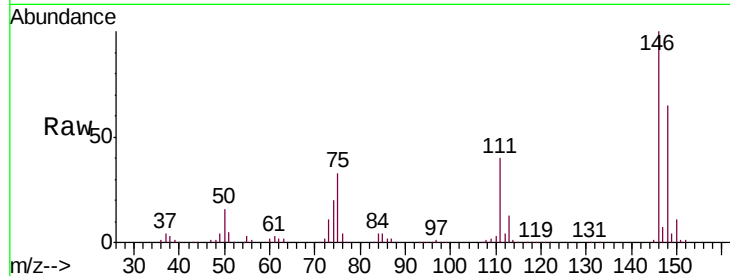
#13
 1,4-Dichlorobenzene
 Concen: 42.629 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	40.4	34.0	51.0

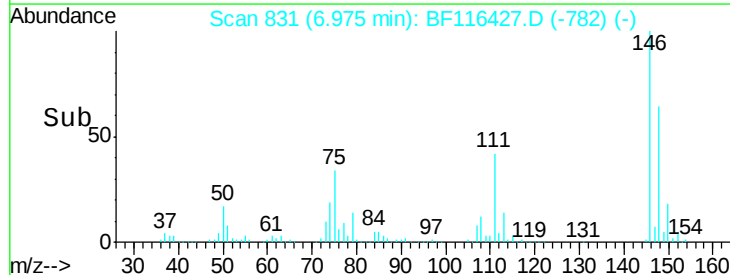
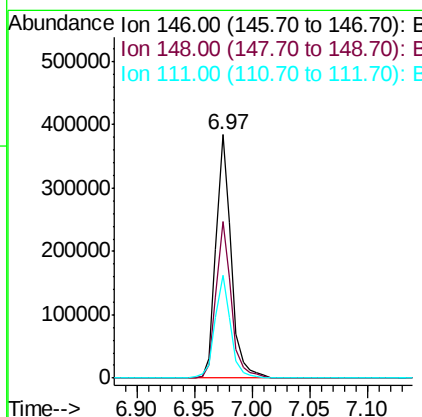
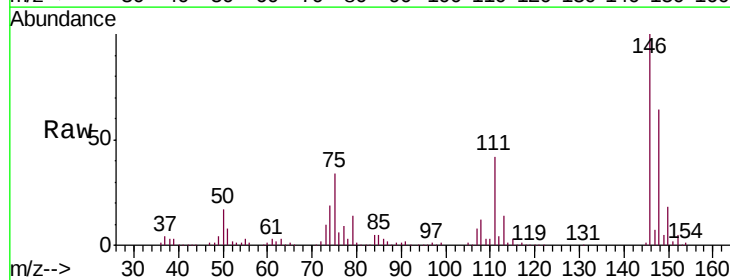
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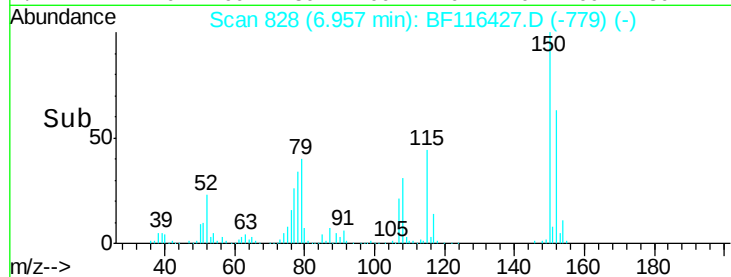
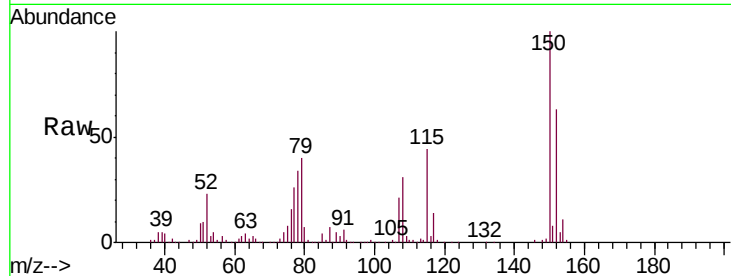
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#14
 1,2-Dichlorobenzene
 Concen: 42.329 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	42.4	33.5	50.3





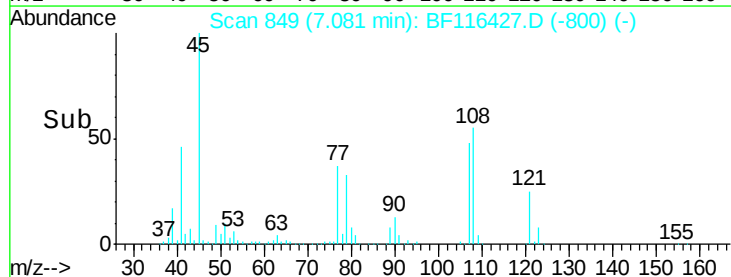
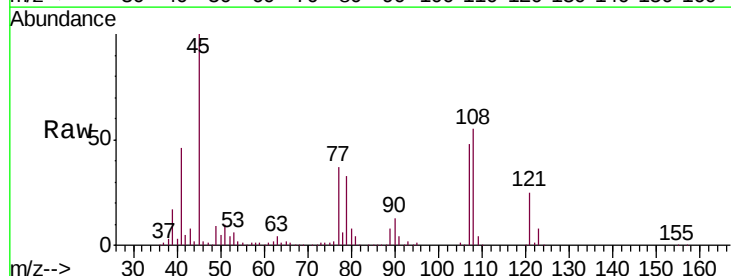
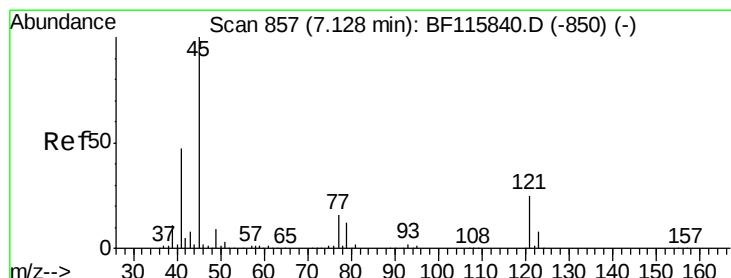
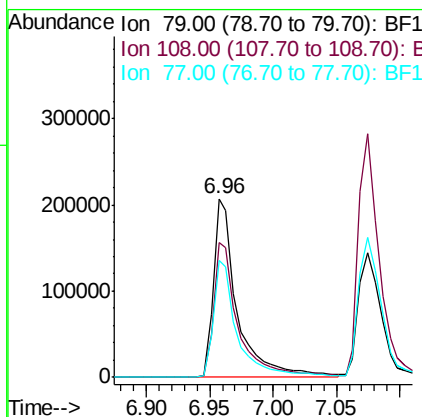
#15
Benzyl Alcohol
Concen: 41.105 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.9	62.7	94.1
77	65.7	52.2	78.2

Instrument :
BNA_F
ClientSampleId :
PB122321BS

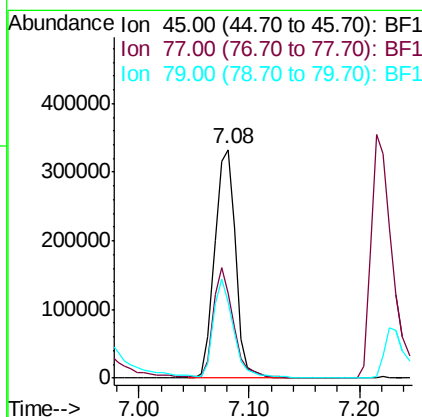
Manual Integrations
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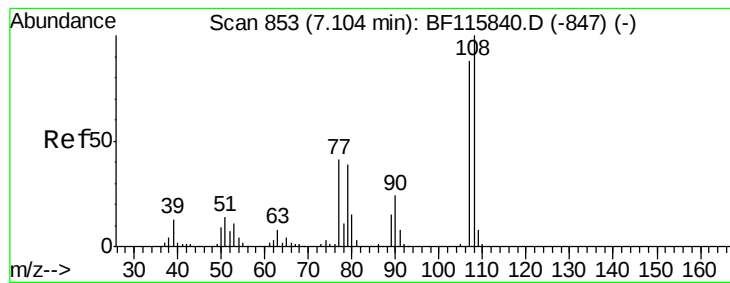
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.450 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	37.3	0.0	40.0
79	33.3	0.0	35.9





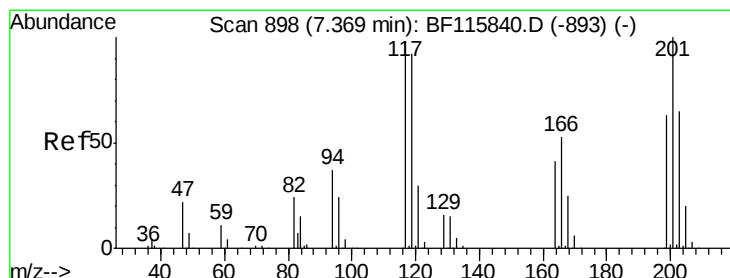
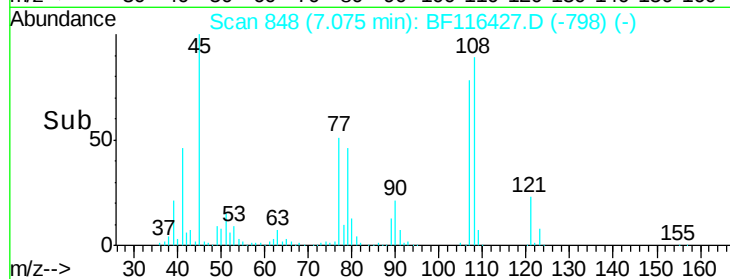
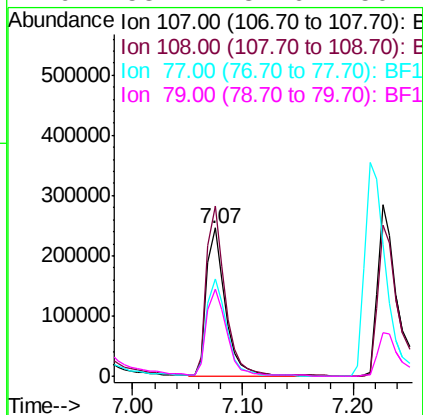
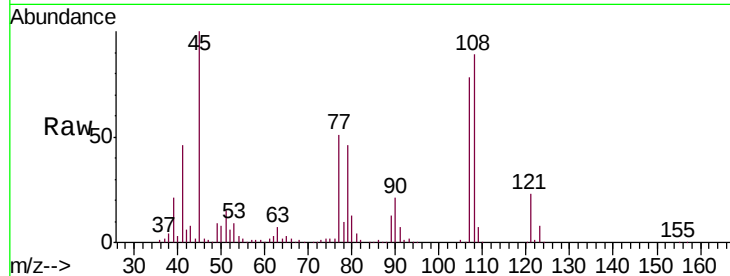
#17
2-Methylphenol
Concen: 43.124 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	283594		
108	114.6	91.2	136.8	
77	65.7	40.3	60.5	
79	58.4	37.6	56.4	

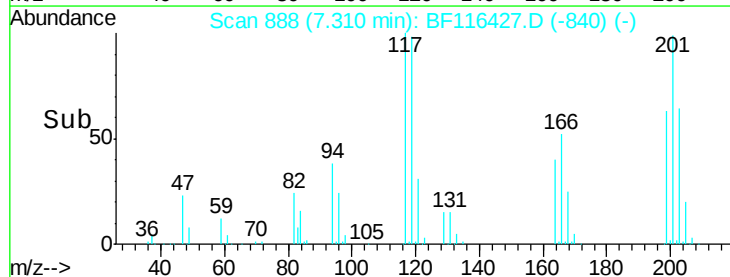
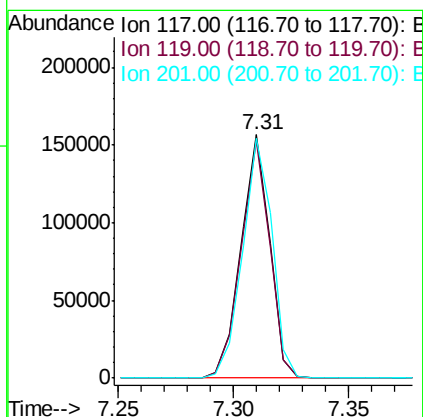
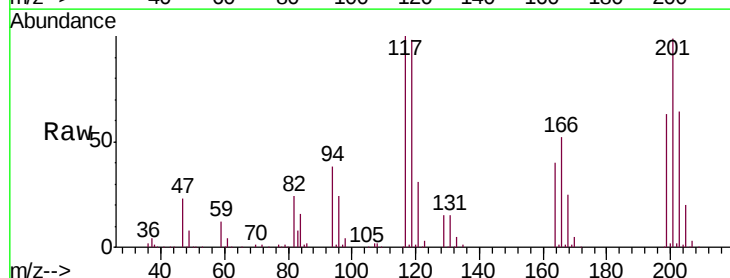
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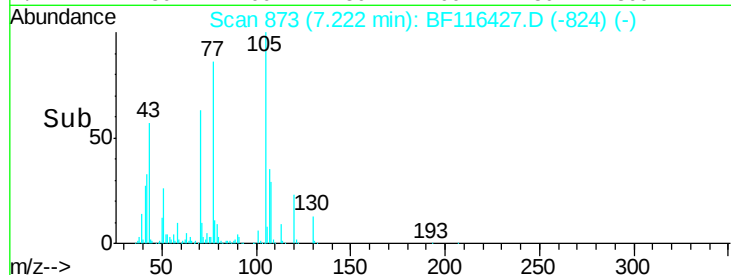
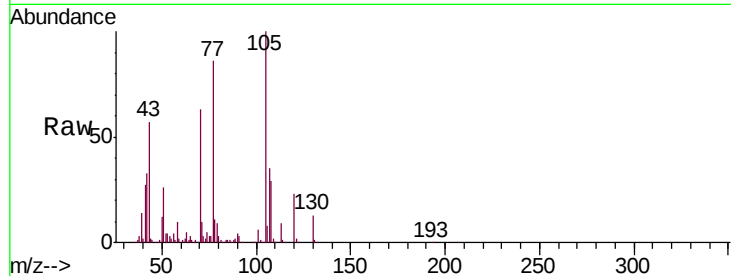
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#18
Hexachloroethane
Concen: 41.174 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	136237		
119	97.5	76.1	114.1	
201	98.5	77.0	115.4	





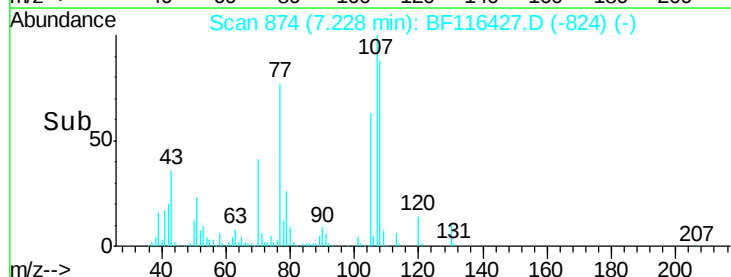
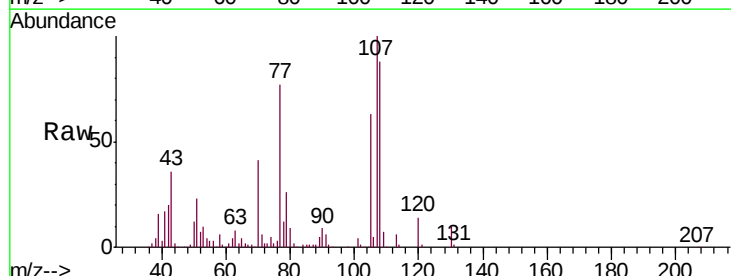
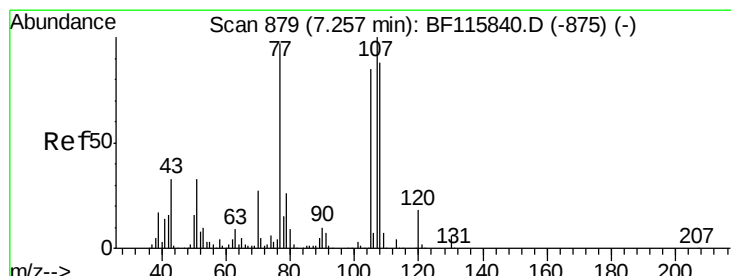
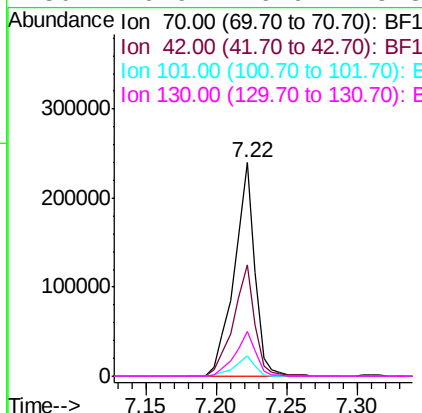
#19
n-Nitroso-di-n-propylamine
Concen: 44.517 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	244445		
42	52.4	40.9	61.3	
101	9.3	7.9	11.9	
130	20.9	16.9	25.3	

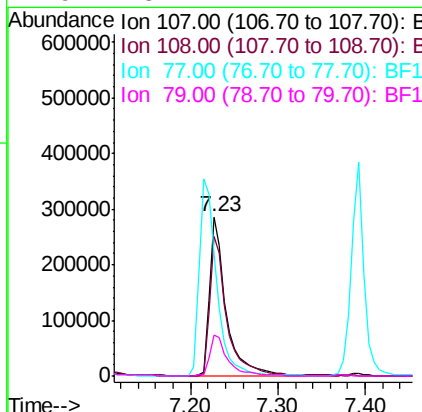
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#20
3+4-Methylphenols
Concen: 47.648 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	370802		
108	88.0	67.6	107.6	
77	76.9	104.4	144.4#	
79	25.7	7.4	47.4	





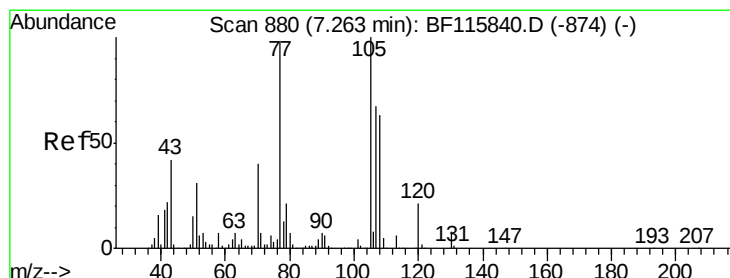
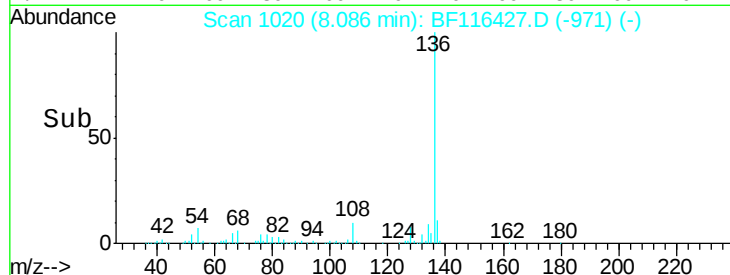
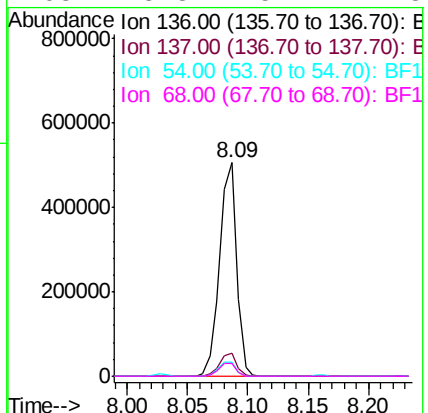
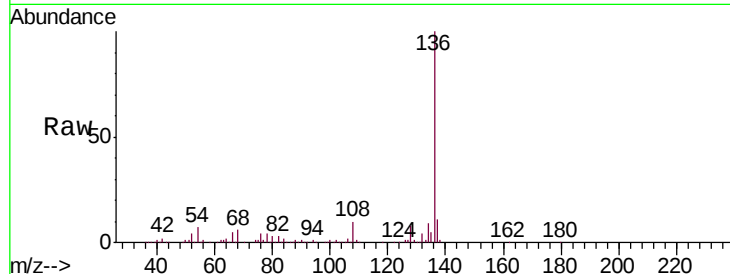
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	490763		
137	10.8	9.0	13.4	
54	6.5	5.8	8.6	
68	5.8	5.2	7.8	

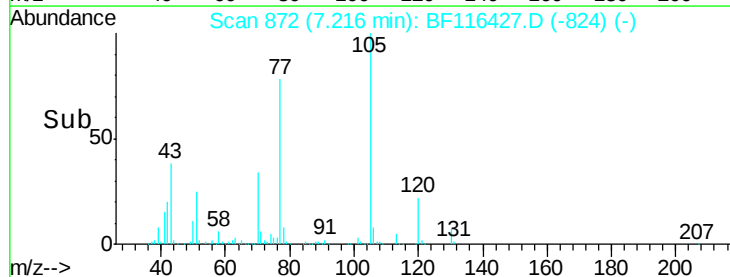
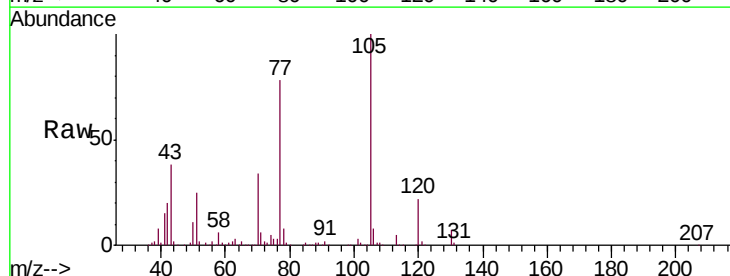
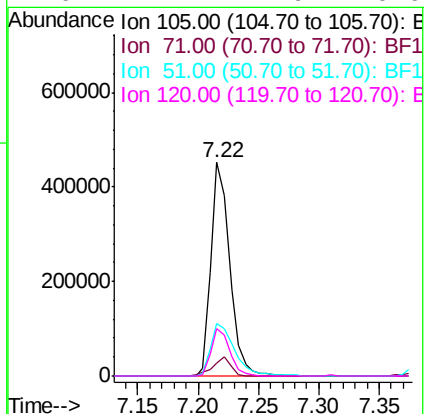
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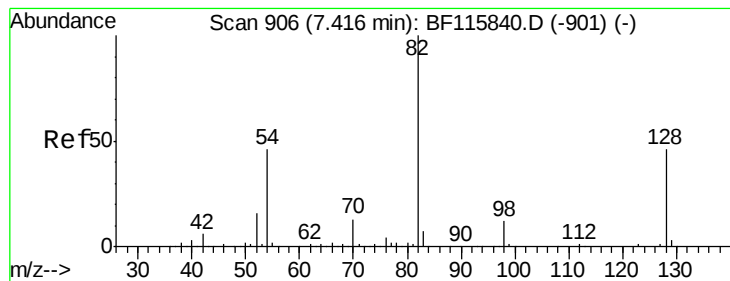
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#22
Acetophenone
Concen: 44.999 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	484326		
71	6.0	5.9	8.9	
51	24.6	25.3	37.9	
120	22.4	17.9	26.9	





#23

Nitrobenzene-d5

Concen: 76.864 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

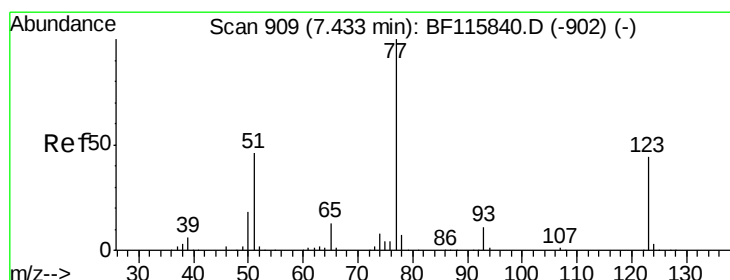
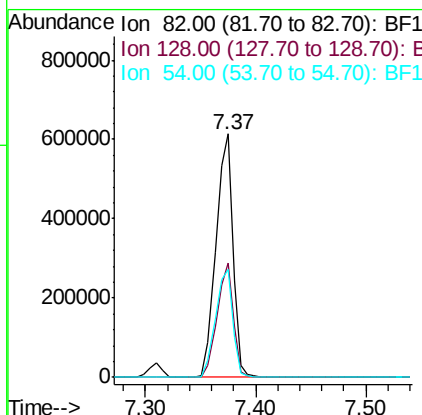
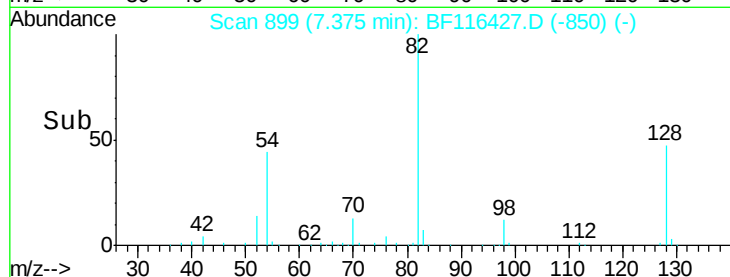
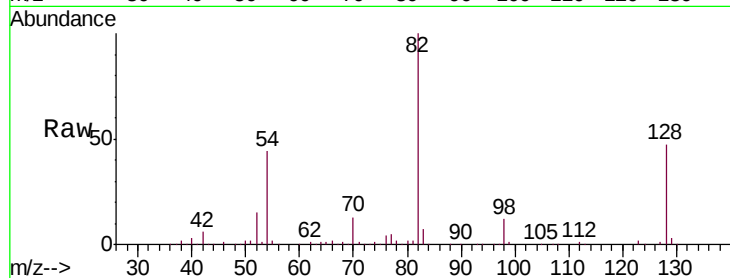
ClientSampleId :

PB122321BS

Tgt Ion:	82	Resp:	653498
Ion Ratio	Lower	Upper	
82	100		
128	46.9	36.5	54.7
54	44.4	36.0	54.0

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#24

Nitrobenzene

Concen: 42.153 ng

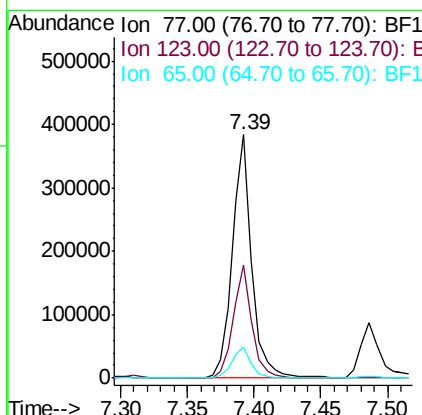
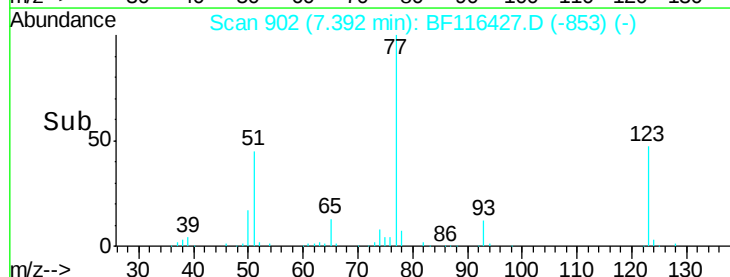
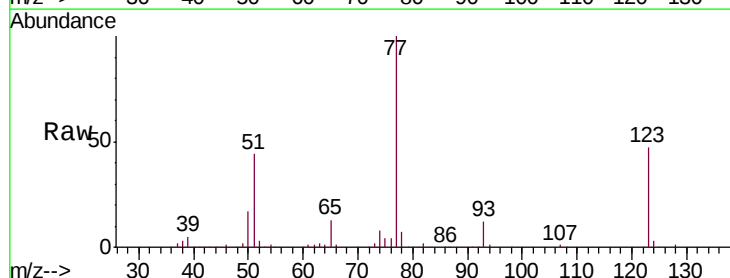
RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Tgt Ion:	77	Resp:	386969
Ion Ratio	Lower	Upper	
77	100		
123	46.6	36.7	55.1
65	13.0	10.6	16.0





#25

Isophorone

Concen: 42.540 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

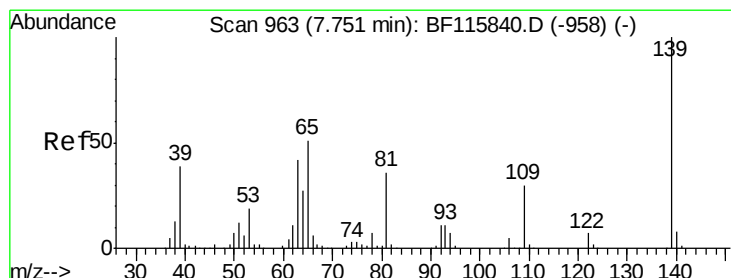
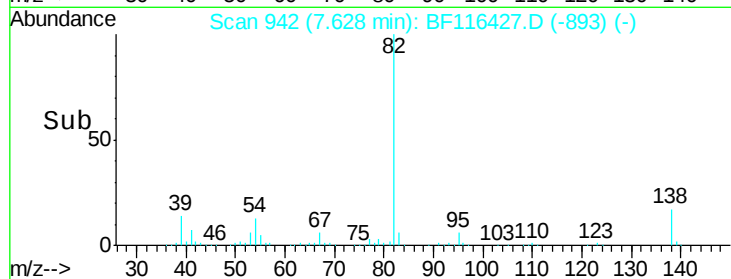
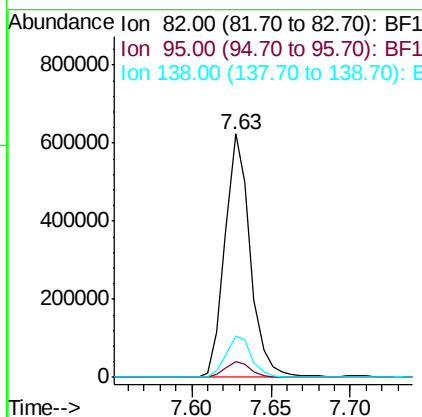
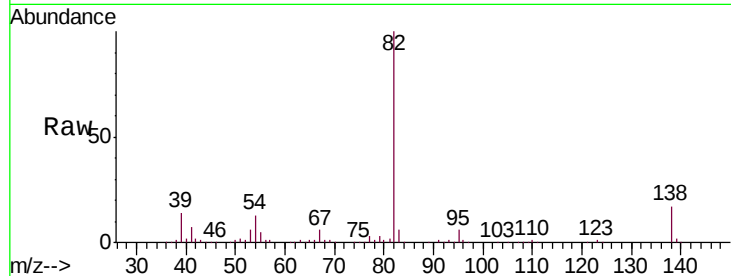
ClientSampleId :

PB122321BS

Tgt Ion:	82	Resp:	691575
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.4	8.0
138	16.9	14.5	21.7

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#26

2-Nitrophenol

Concen: 43.523 ng

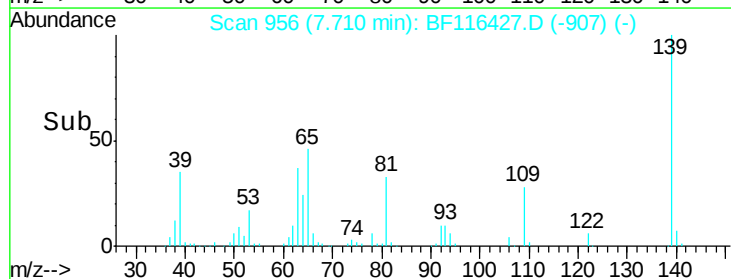
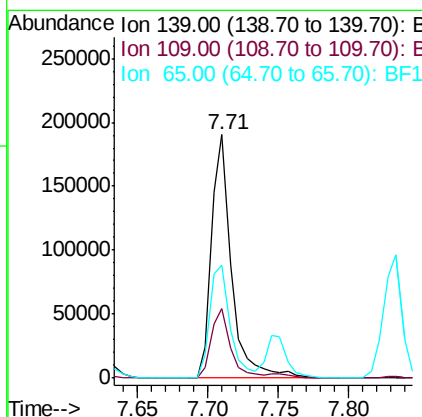
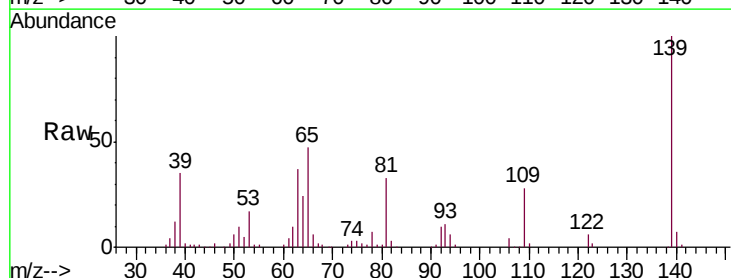
RT: 7.71 min Scan# 956

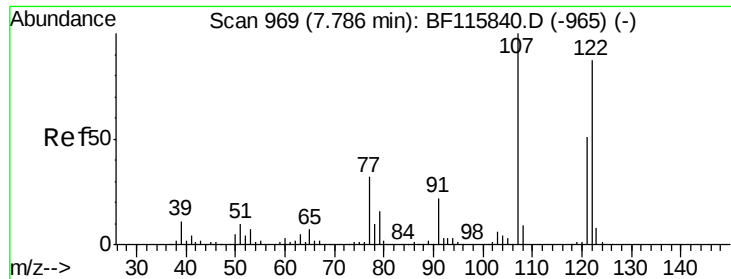
Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Tgt Ion:	139	Resp:	188342
Ion Ratio	Lower	Upper	
139	100		
109	28.4	23.4	35.2
65	46.6	41.1	61.7





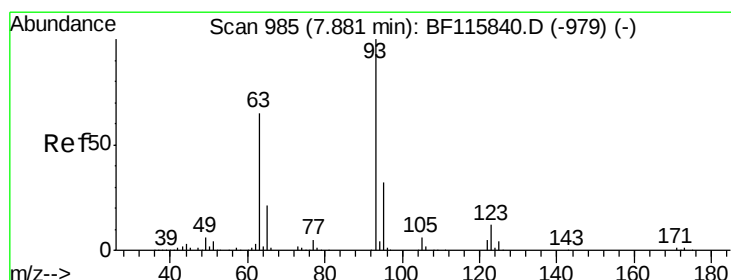
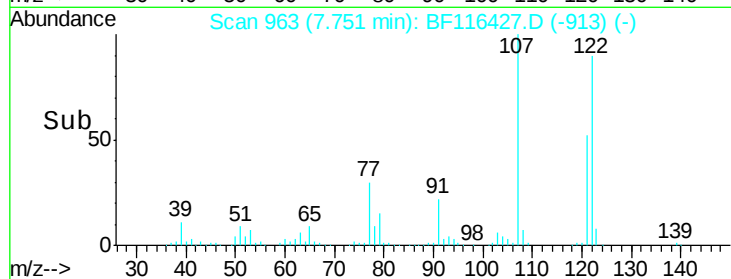
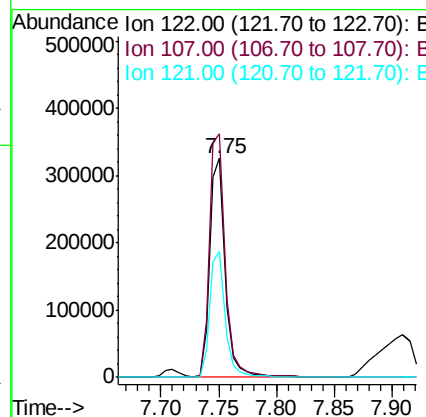
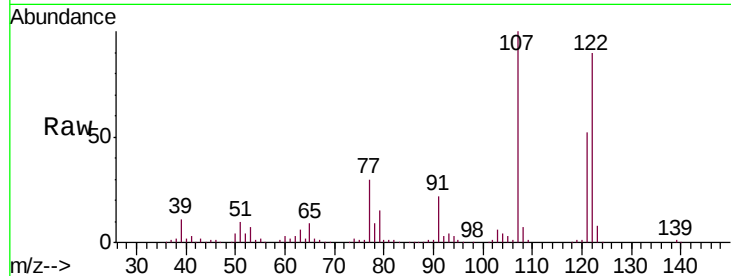
#27
2,4-Dimethylphenol
Concen: 47.106 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	306686		
107	111.1	93.0	139.6	
121	57.5	47.6	71.4	

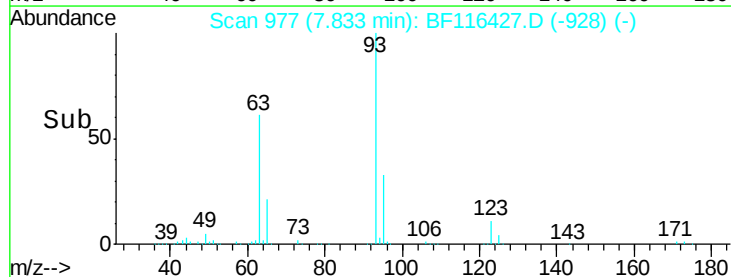
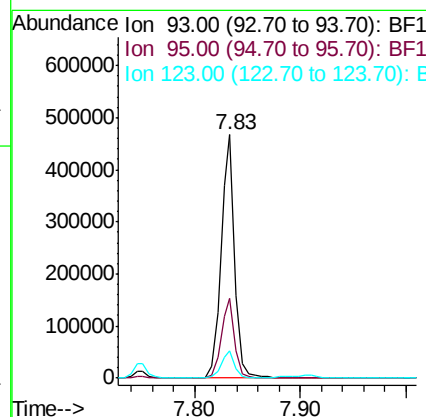
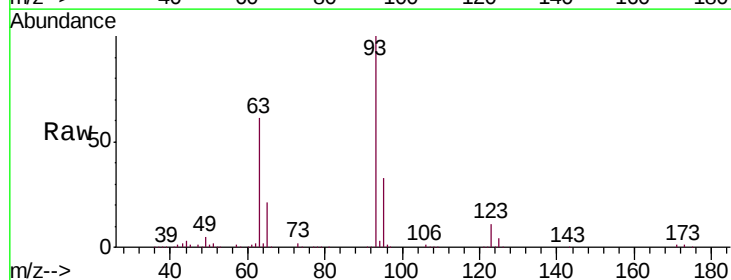
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#28
bis(2-Chloroethoxy)methane
Concen: 42.109 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	424310		
95	32.5	26.2	39.4	
123	11.5	9.2	13.8	





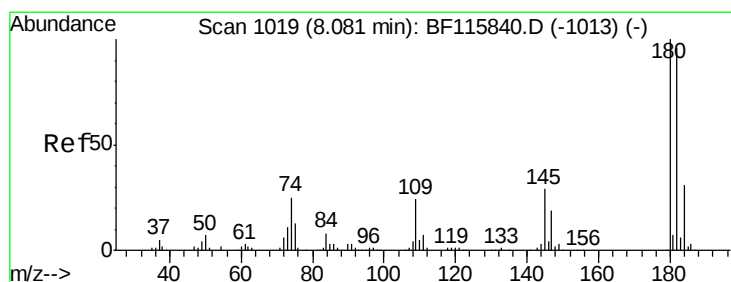
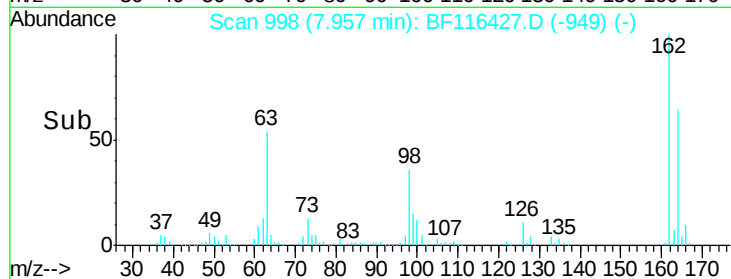
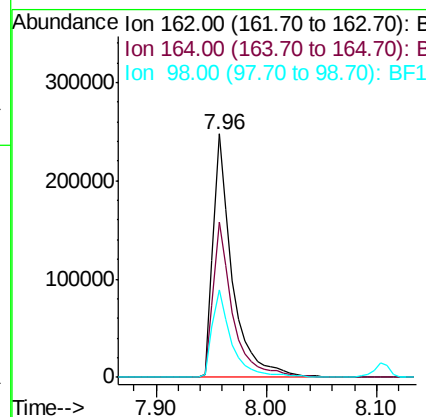
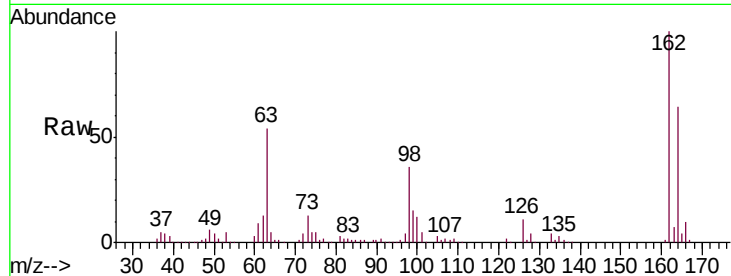
#29
2,4-Dichlorophenol
Concen: 42.782 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	294093		
164	63.7	45.1	85.1	
98	36.0	15.8	55.8	

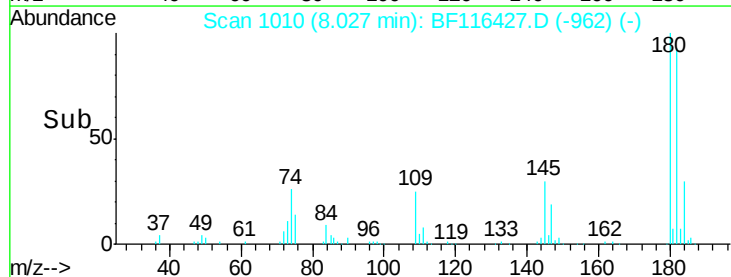
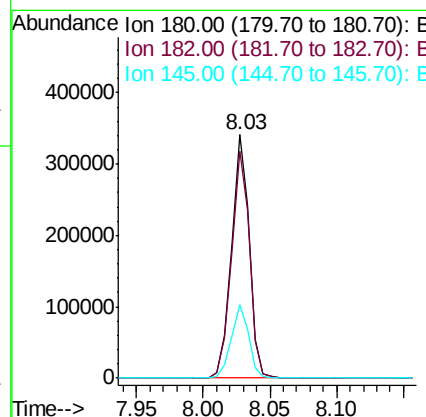
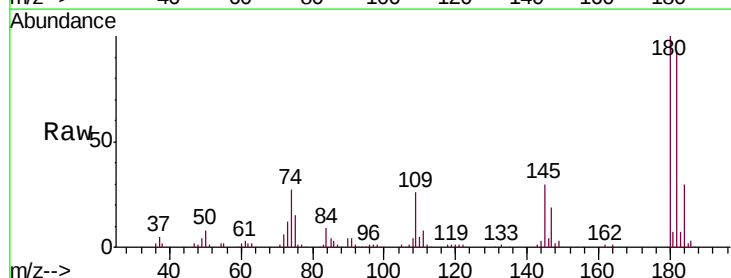
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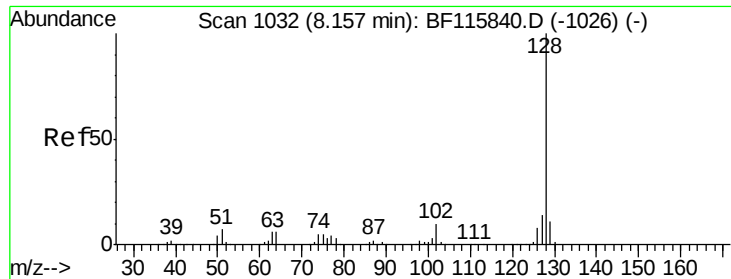
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#30
1,2,4-Trichlorobenzene
Concen: 41.006 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	321318		
182	93.3	75.7	113.5	
145	30.0	24.3	36.5	





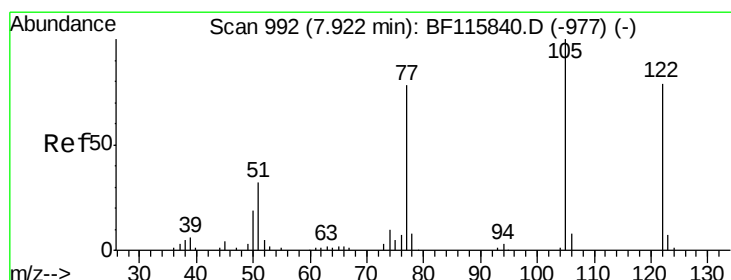
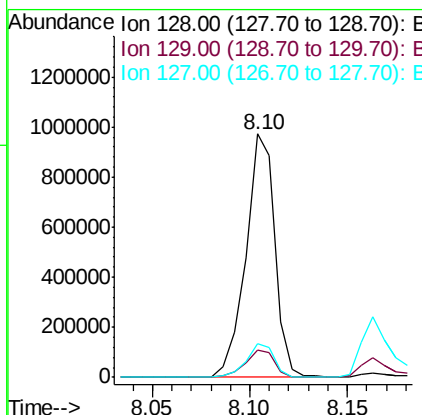
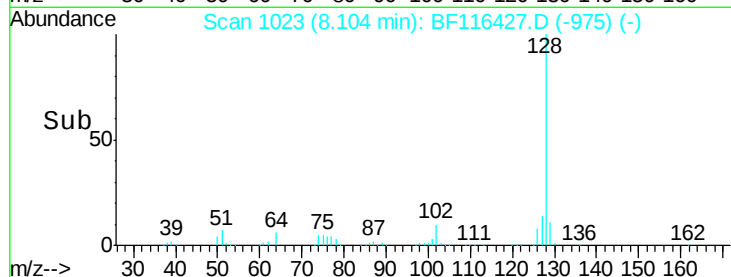
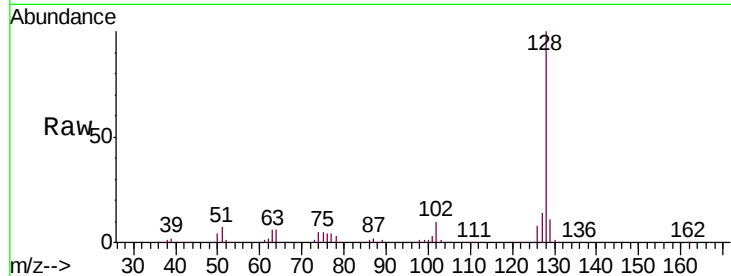
#31
Naphthalene
Concen: 43.345 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion:128 Resp: 1001019
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.9 11.4 17.0

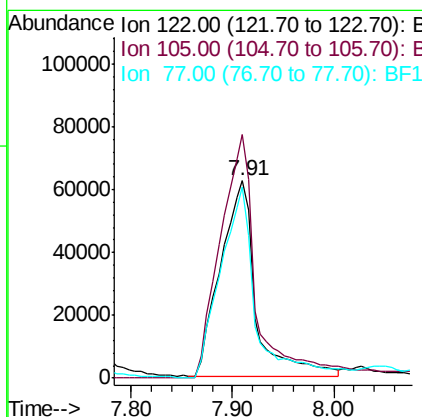
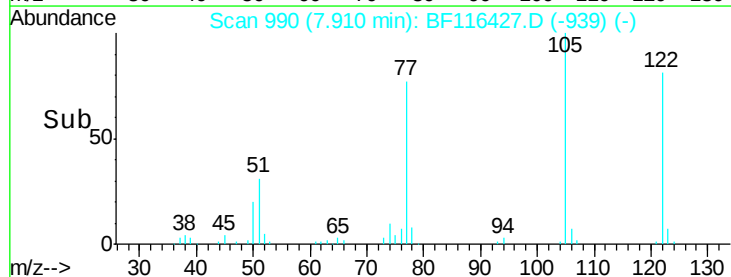
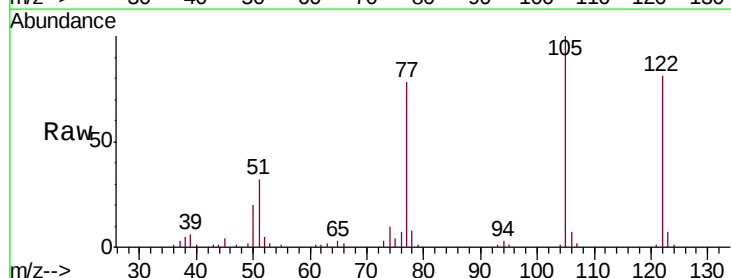
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#32
Benzoic acid
Concen: 33.117 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion:122 Resp: 152010
Ion Ratio Lower Upper
122 100
105 123.7 106.1 146.1
77 97.0 76.7 116.7





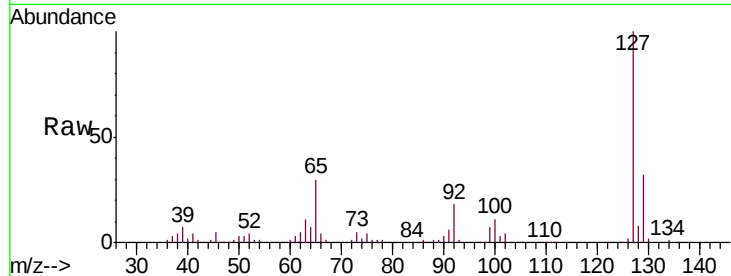
#33
4-Chloroaniline
Concen: 27.077 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

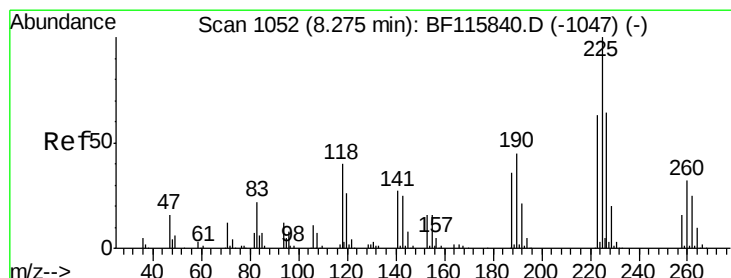
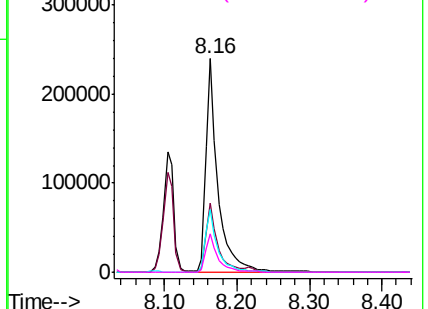
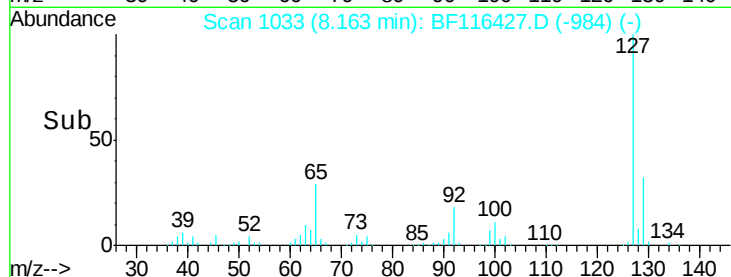
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	279403		
129	32.4	26.1	39.1	
65	29.5	24.9	37.3	
92	18.1	15.7	23.5	

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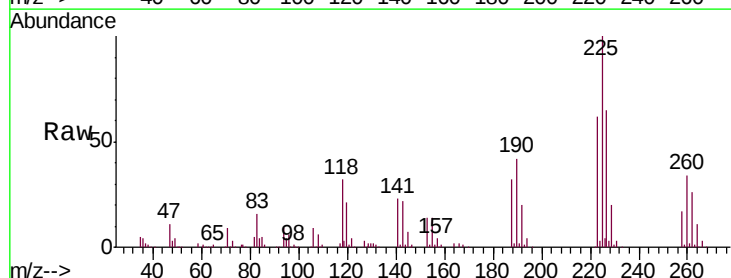


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

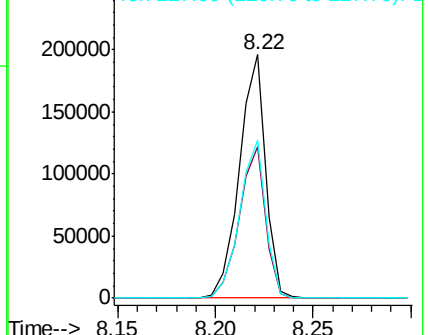
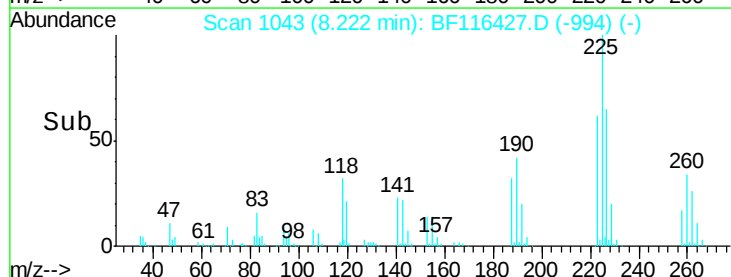


#34
Hexachlorobutadiene
Concen: 40.403 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	182359		
223	62.0	50.0	75.0	
227	64.8	51.0	76.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





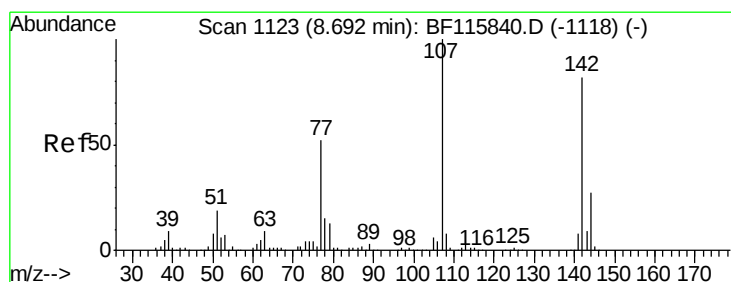
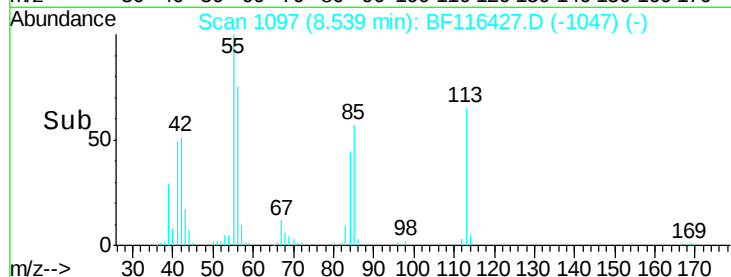
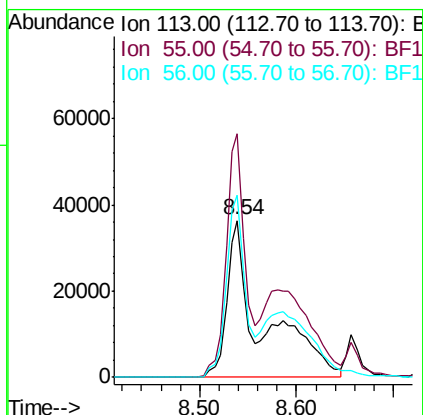
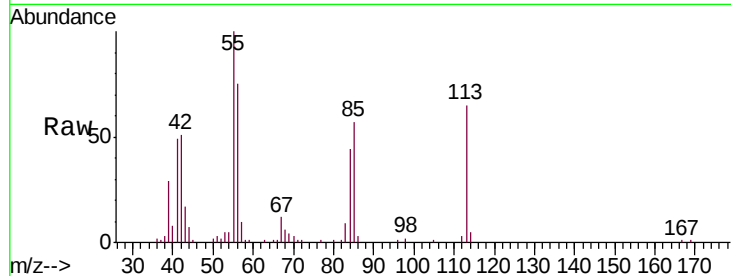
#35
 Caprolactam
 Concen: 40.907 ng m
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

Tgt Ion:113 Resp: 90949
 Ion Ratio Lower Upper
 113 100
 55 155.0 144.3 184.3
 56 116.4 97.1 137.1

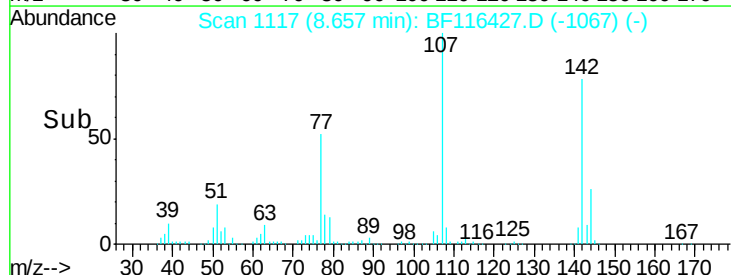
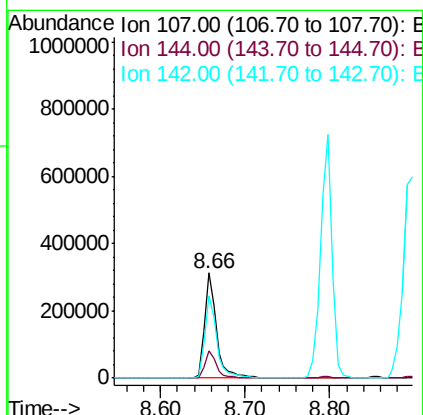
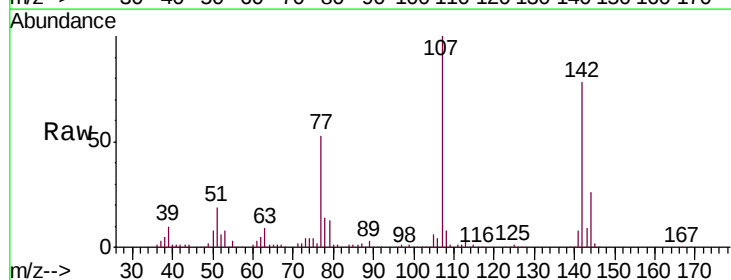
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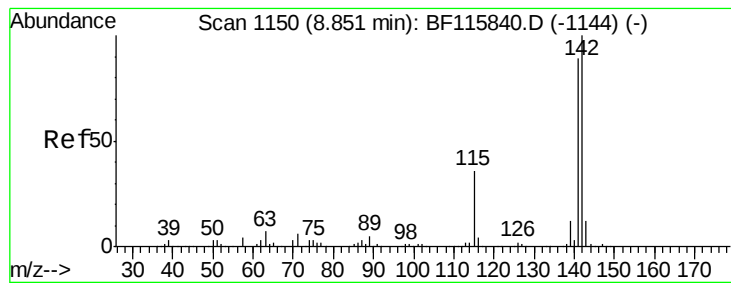
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#36
 4-Chloro-3-methylphenol
 Concen: 42.676 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion:107 Resp: 305189
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.2 30.2
 142 78.4 61.7 92.5





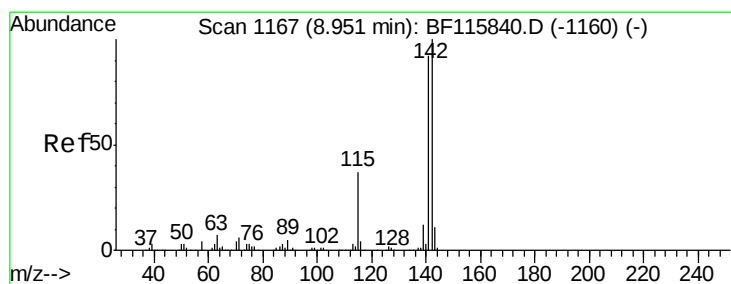
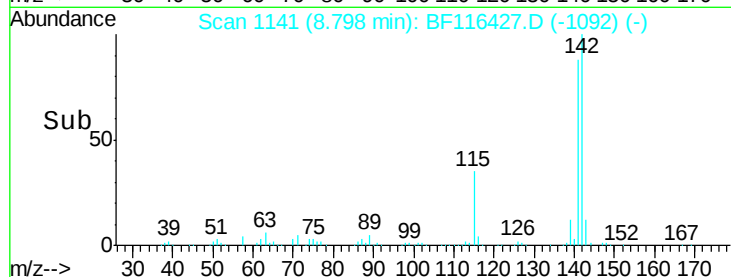
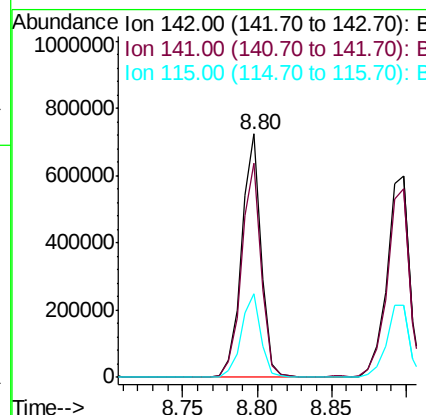
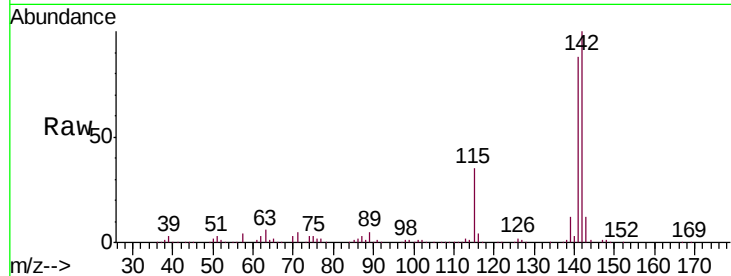
#37
2-Methylnaphthalene
Concen: 43.476 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3
115	34.5	29.0	43.6

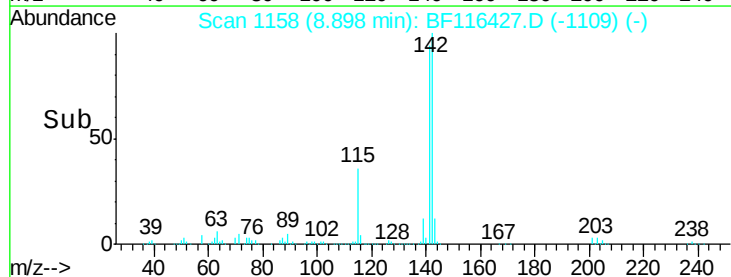
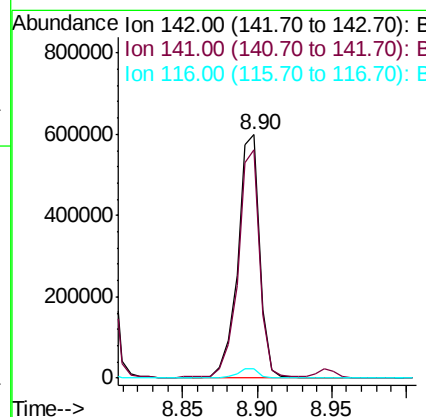
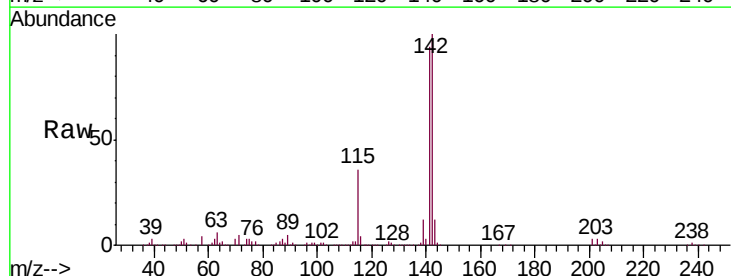
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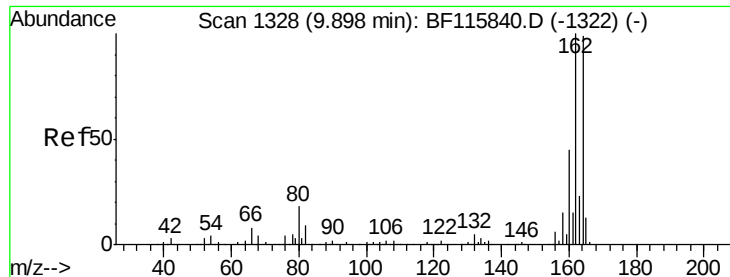
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#38
1-Methylnaphthalene
Concen: 42.627 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.4	111.6
116	3.7	3.1	4.7





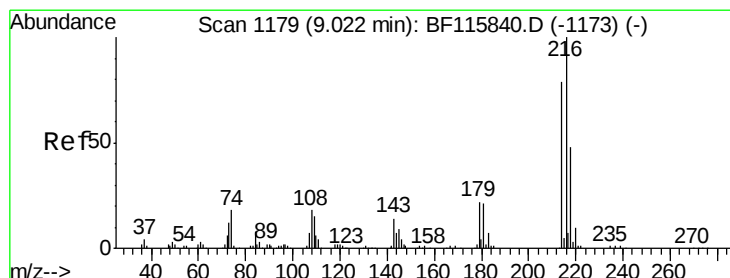
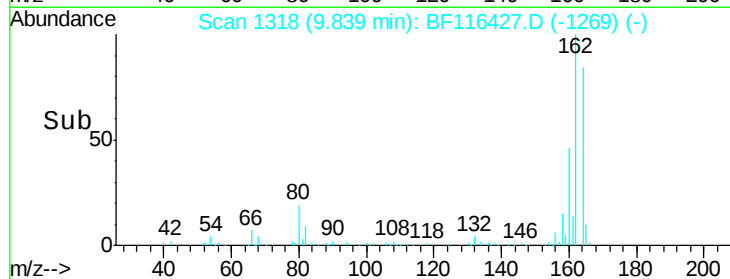
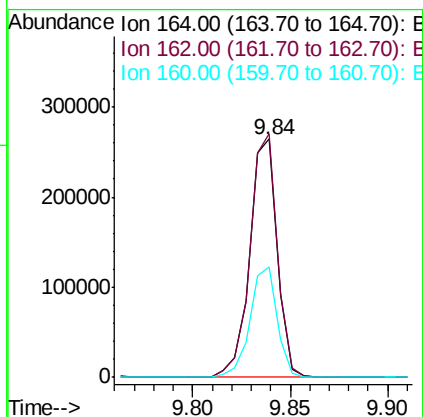
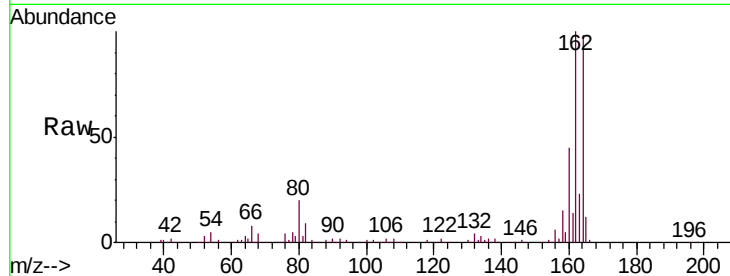
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	257637		
162	102.4	82.6	124.0	
160	46.4	37.6	56.4	

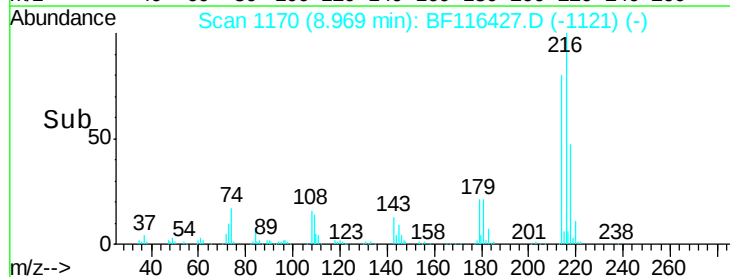
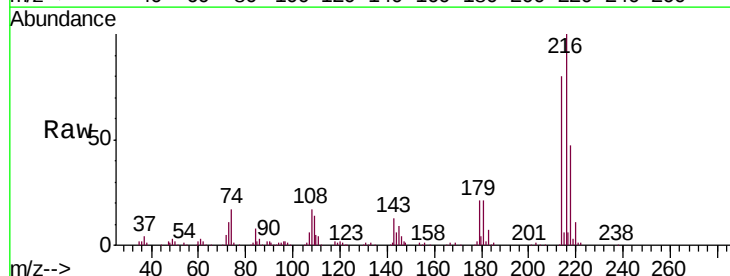
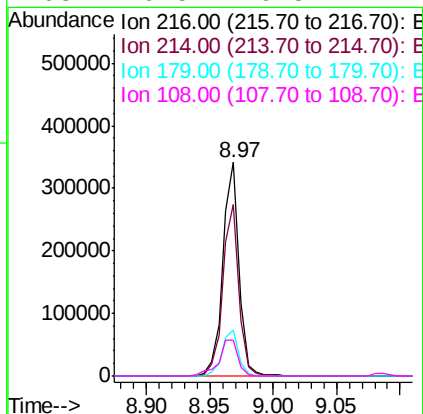
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.188 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	304352		
214	79.9	63.6	95.4	
179	21.9	17.8	26.8	
108	20.5	16.5	24.7	





#41

Hexachlorocyclopentadiene

Concen: 47.263 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

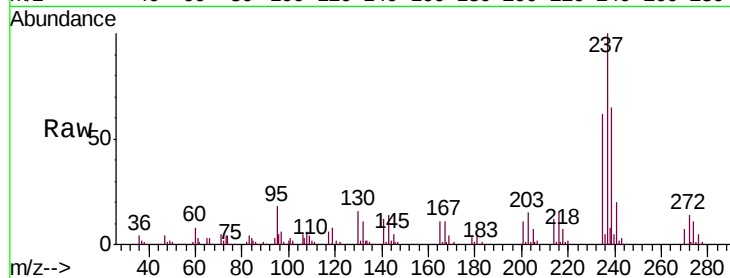
ClientSampleId :

PB122321BS

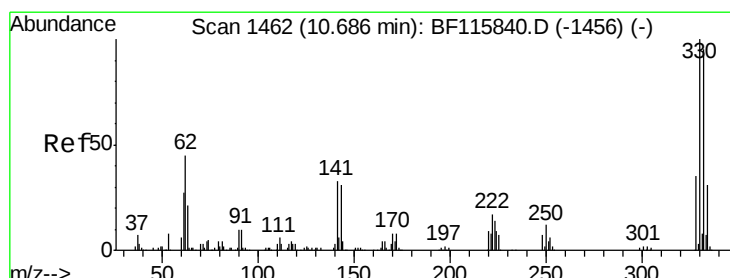
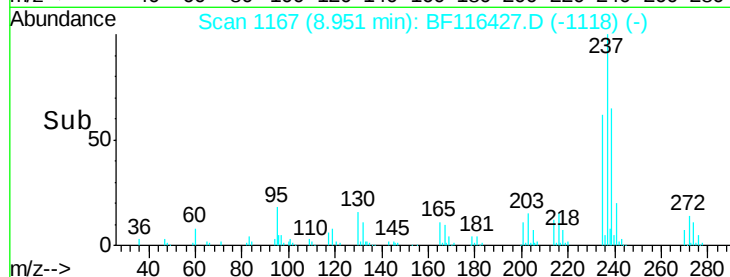
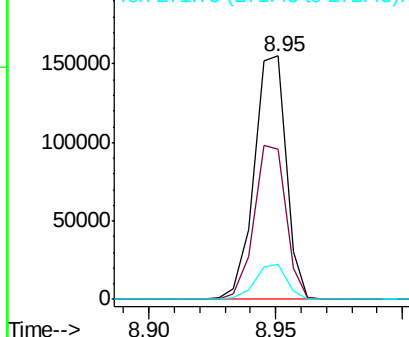
Tgt Ion:	237	Resp:	138049
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.4	83.4
272	14.2	0.0	33.2

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



#42

2,4,6-Tribromophenol

Concen: 109.337 ng

RT: 10.63 min Scan# 1453

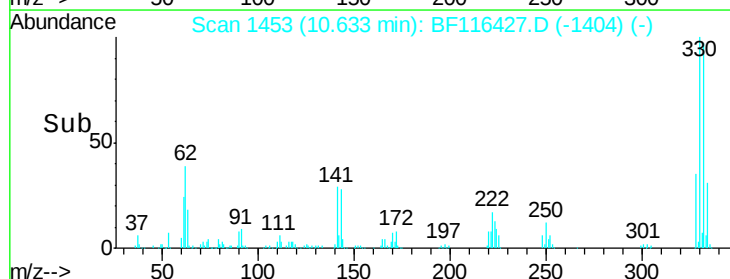
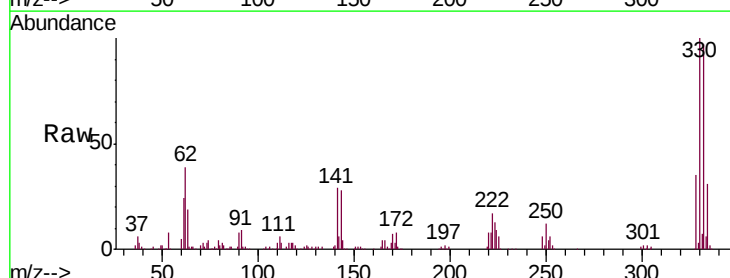
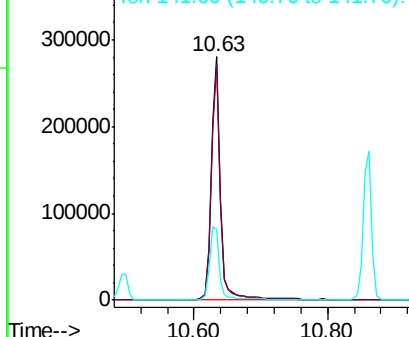
Delta R.T. -0.01 min

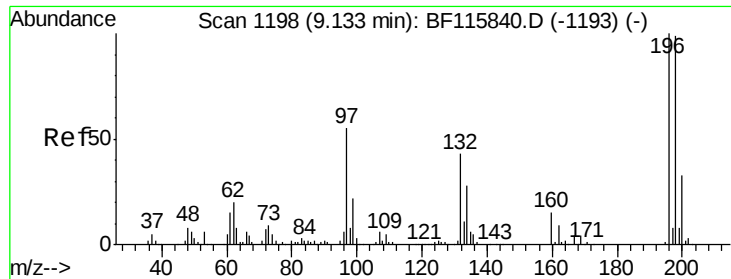
Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Tgt Ion:	330	Resp:	273109
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.8	115.2
141	32.5	26.3	39.5

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





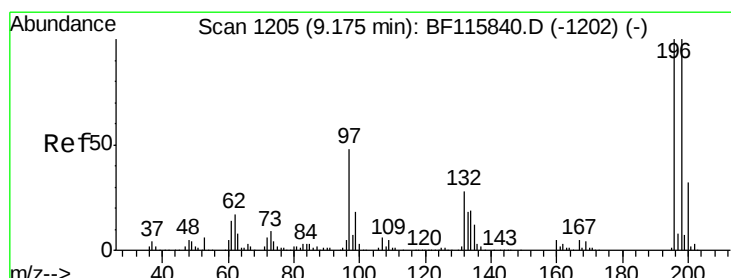
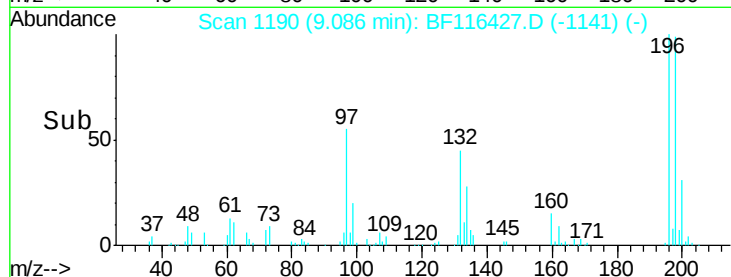
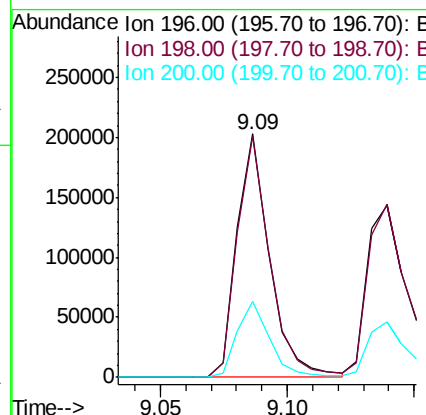
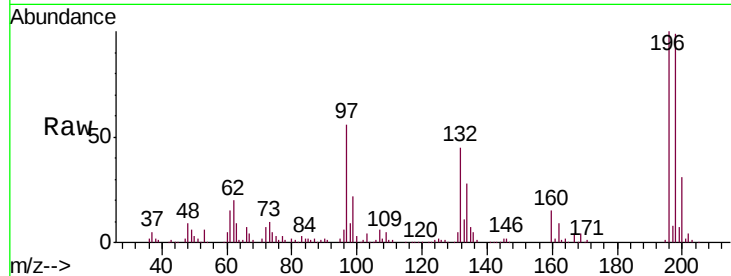
#43
 2,4,6-Trichlorophenol
 Concen: 38.425 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampled :
 PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182168		
198	99.2	79.2	118.8	
200	31.0	25.2	37.8	

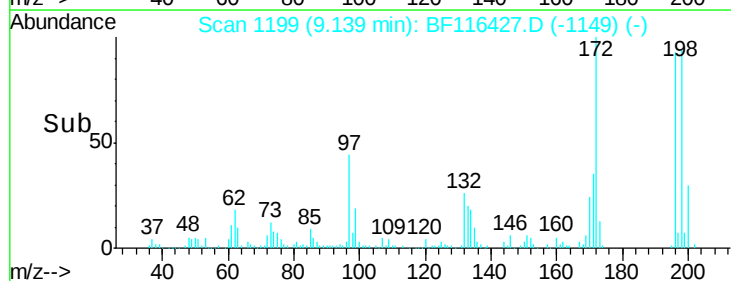
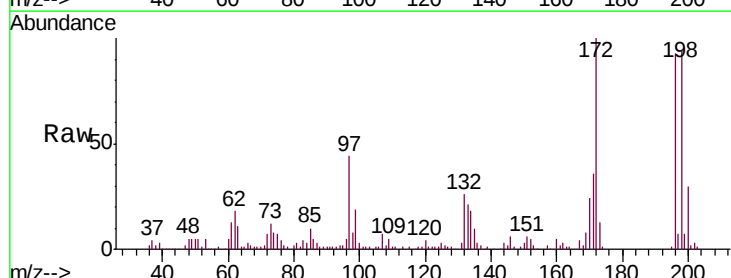
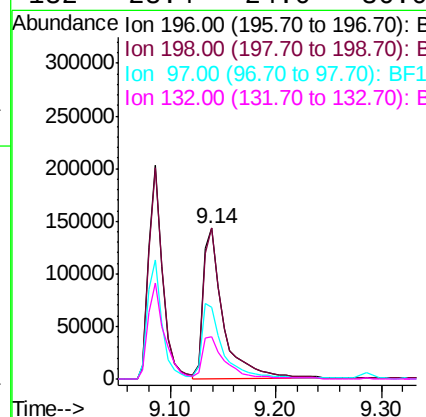
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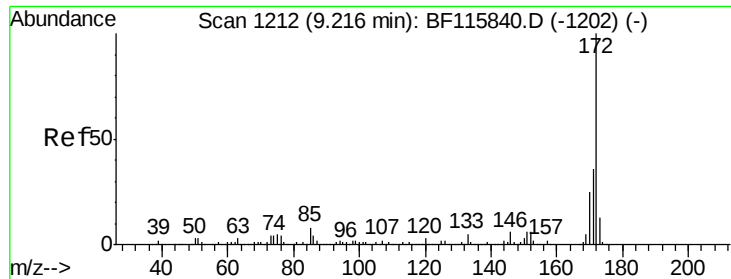
Jagrut
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#44
 2,4,5-Trichlorophenol
 Concen: 38.074 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186586		
198	100.7	78.8	118.2	
97	47.7	42.2	63.4	
132	28.4	24.0	36.0	





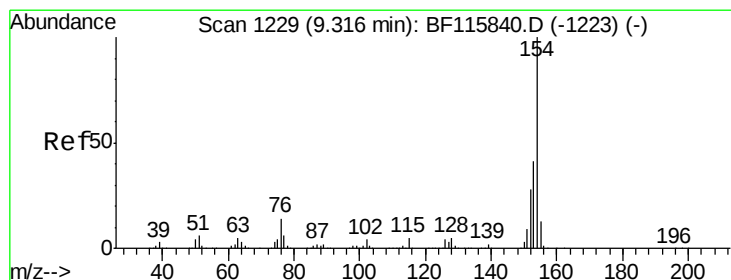
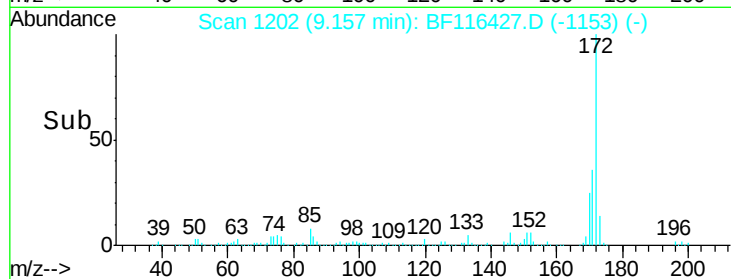
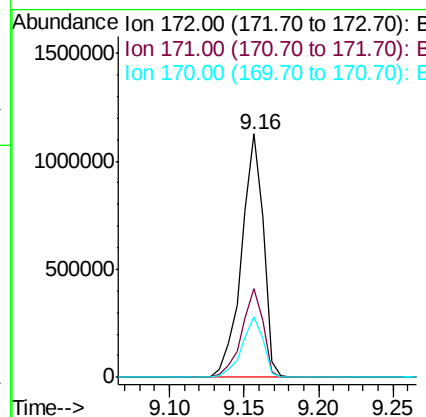
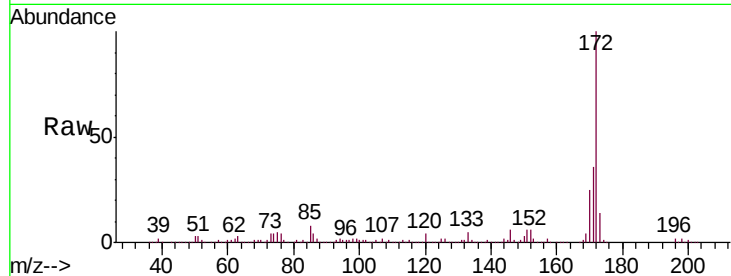
#45
 2-Fluorobiphenyl
 Concen: 83.513 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampled :
 PB122321BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.9	20.1	30.1

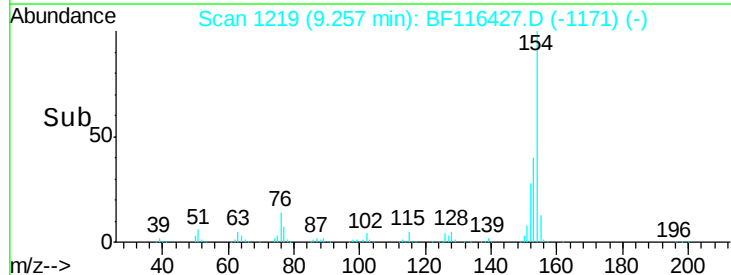
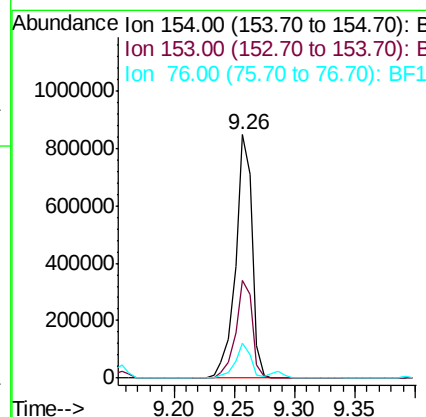
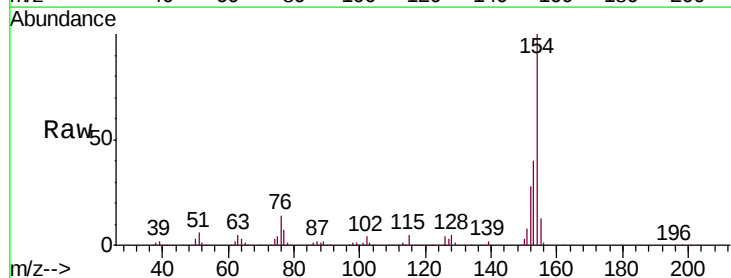
Manual Integrations
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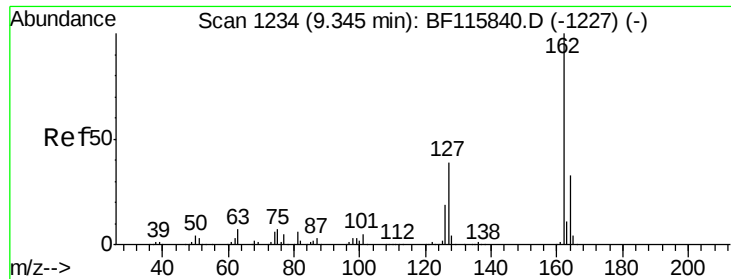
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#46
 1,1'-Biphenyl
 Concen: 44.283 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.4	61.4
76	14.1	0.0	35.2





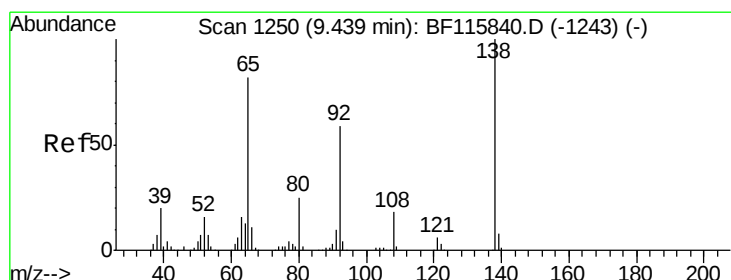
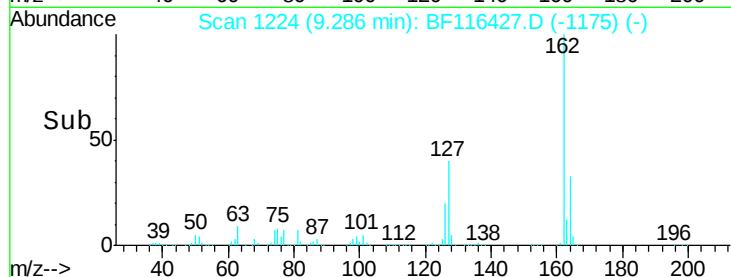
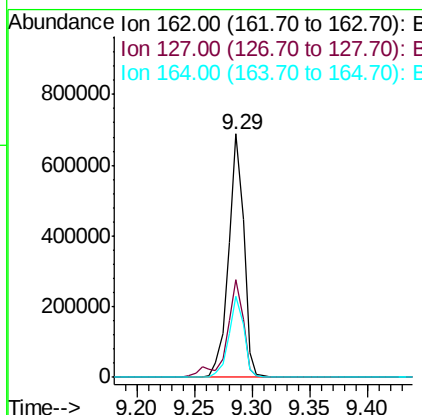
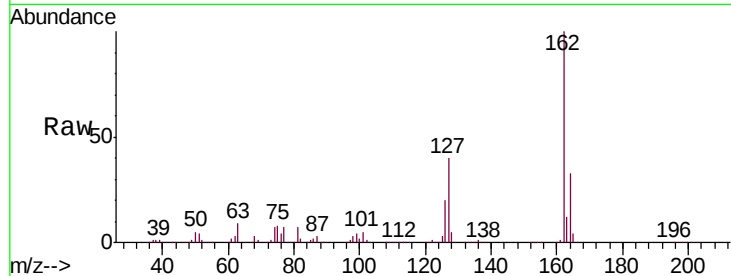
#47
 2-Chloronaphthalene
 Concen: 41.484 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	628015		
127	40.3	32.8	49.2	
164	33.2	26.6	39.8	

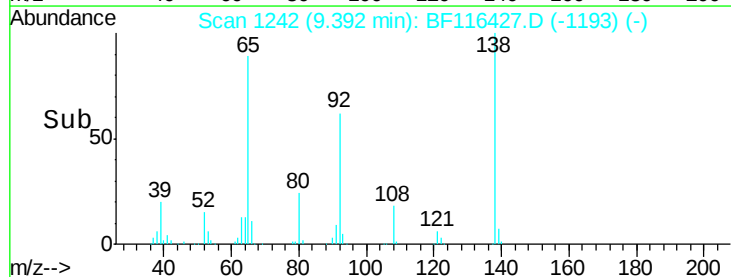
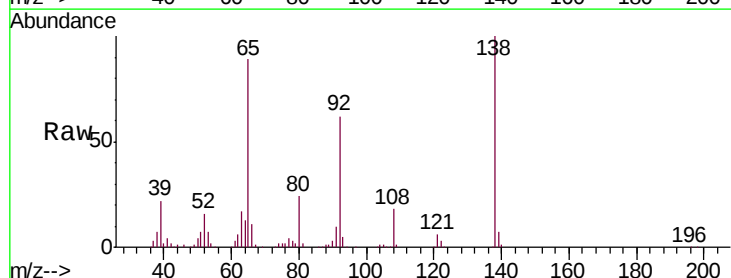
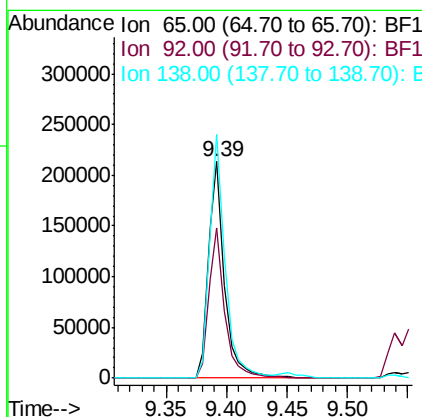
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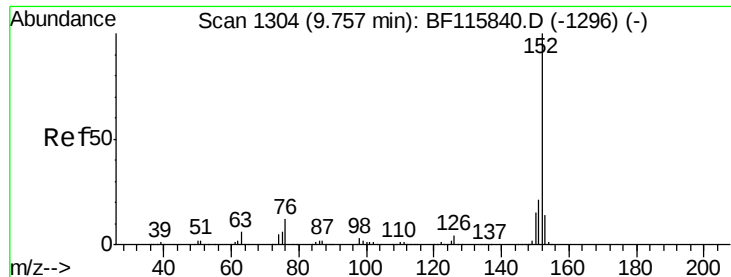
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#48
 2-Nitroaniline
 Concen: 39.079 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	195549		
92	69.4	57.8	86.8	
138	112.5	94.0	141.0	





#49

Acenaphthylene

Concen: 42.148 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

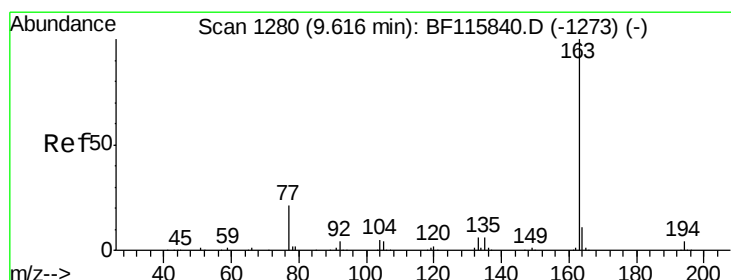
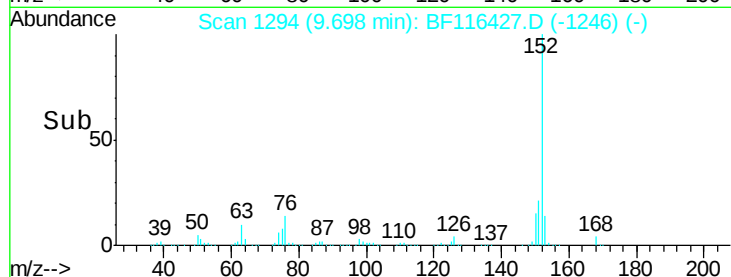
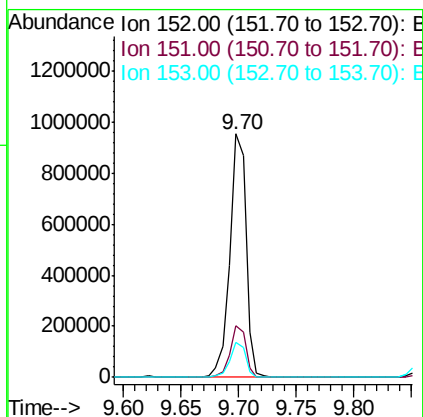
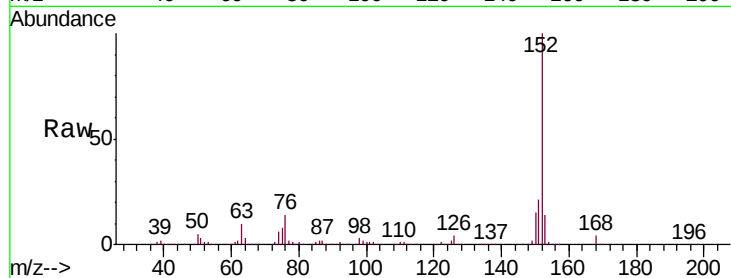
ClientSampleId :

PB122321BS

Tgt Ion:	152	Resp:	930868
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.2	25.8
153	14.2	11.8	17.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.860 ng

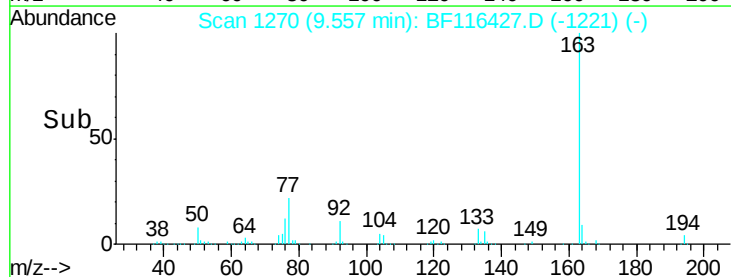
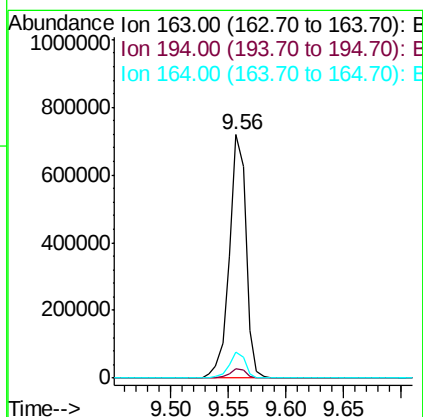
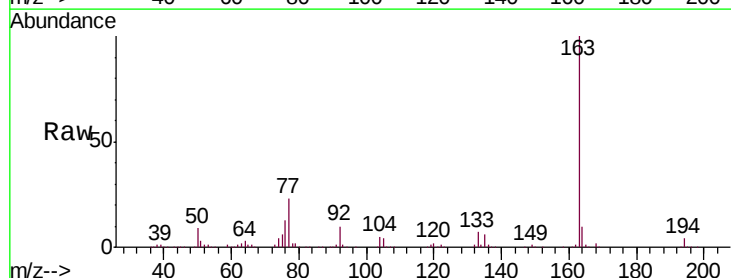
RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Tgt Ion:	163	Resp:	716769
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.6
164	10.5	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 42.254 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

Tgt Ion:165 Resp: 161082
Ion Ratio Lower Upper

165 100

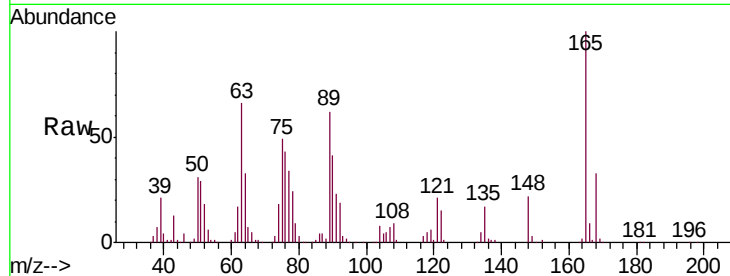
63 65.7 38.2 57.2#

89 62.2 42.9 64.3

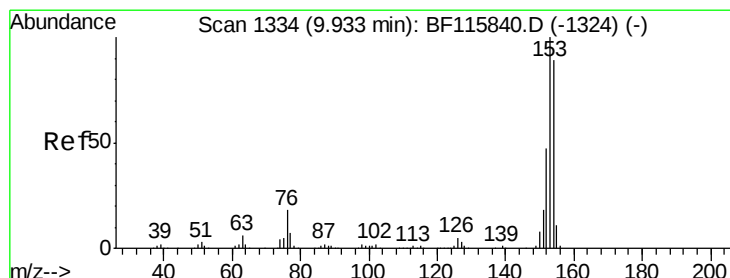
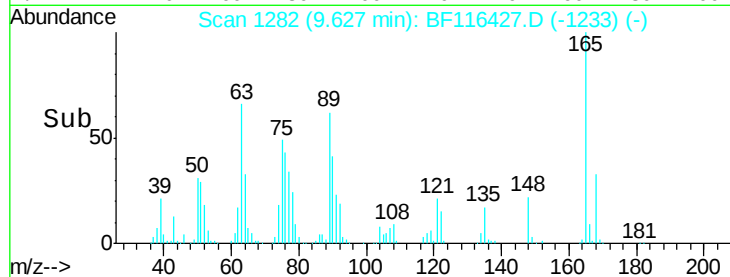
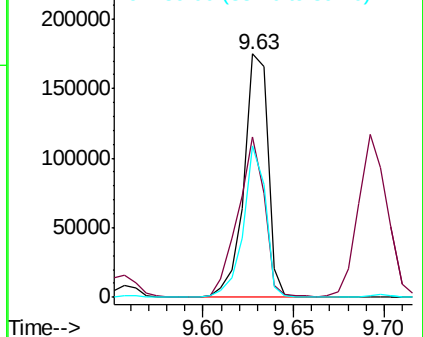
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.219 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116427.D

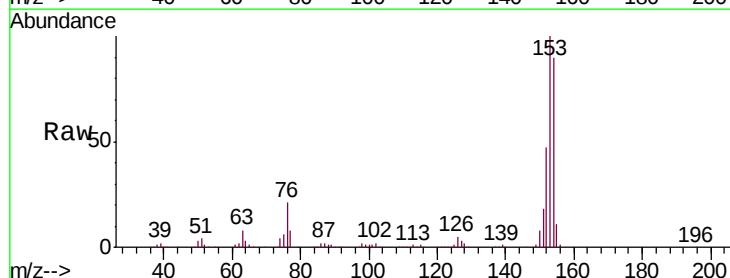
Acq: 20 Aug 2019 11:44

Tgt Ion:154 Resp: 572039
Ion Ratio Lower Upper

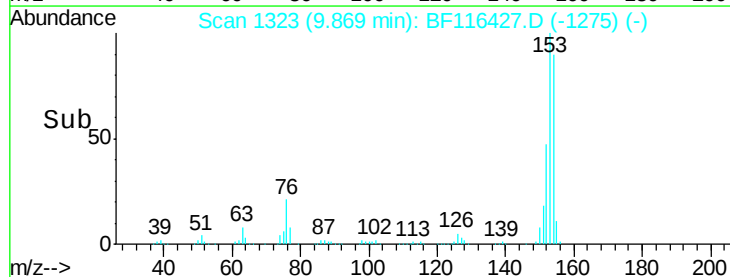
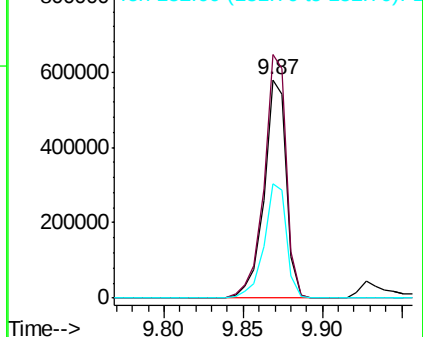
154 100

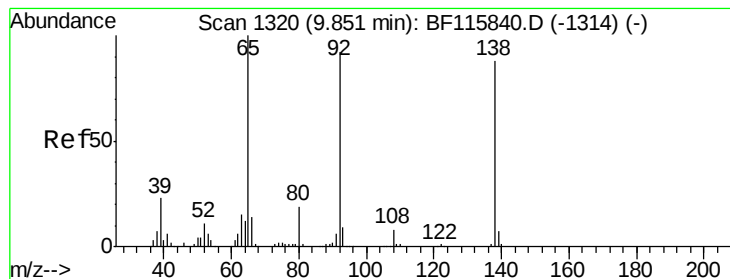
153 111.7 89.4 134.0

152 52.4 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.540 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

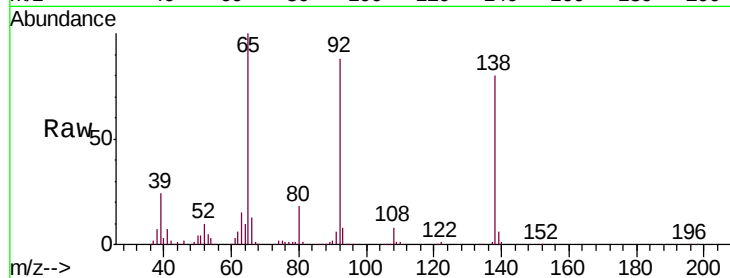
ClientSampleId :

PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	129728		
108	9.7	8.0	12.0	
92	110.0	91.0	136.6	

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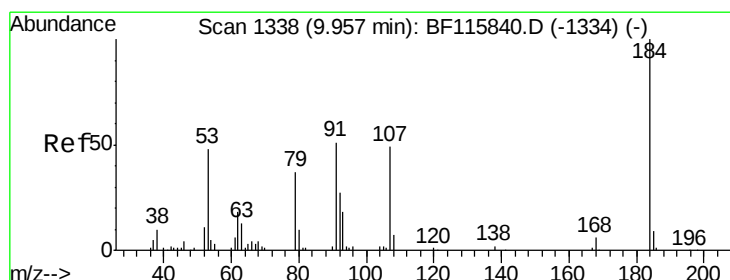
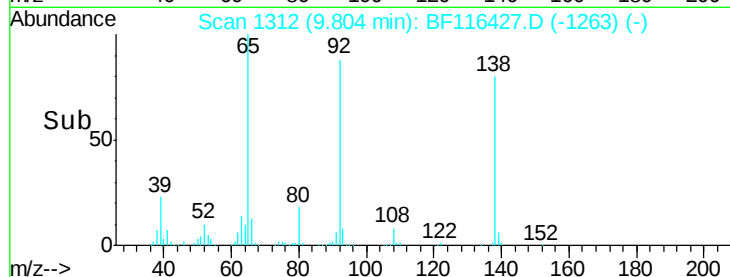
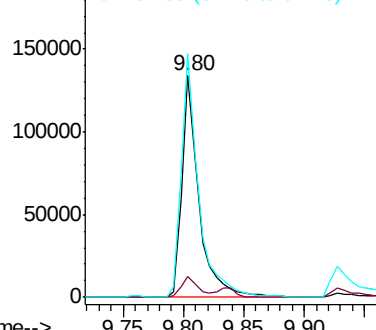
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Abundance Ion 138.00 (137.70 to 138.70): E

200000 Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 55.324 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF116427.D

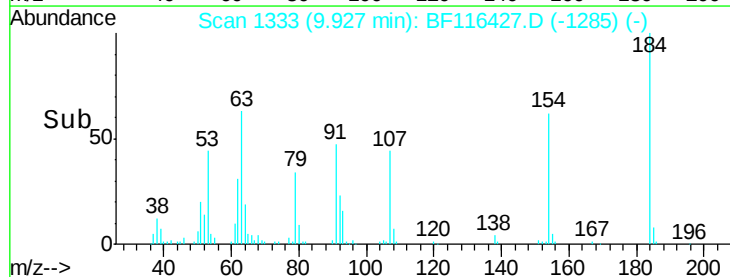
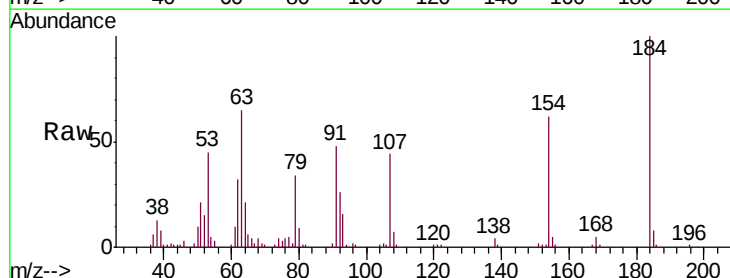
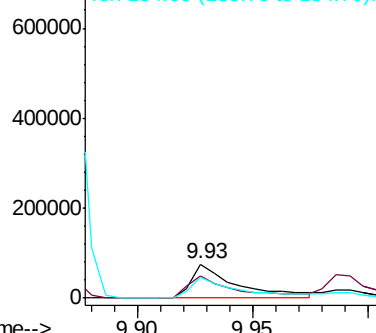
Acq: 20 Aug 2019 11:44

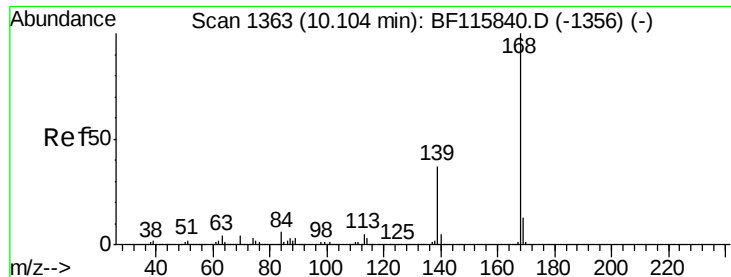
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	102092		
63	65.2	53.0	79.4	
154	61.6	50.1	75.1	

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





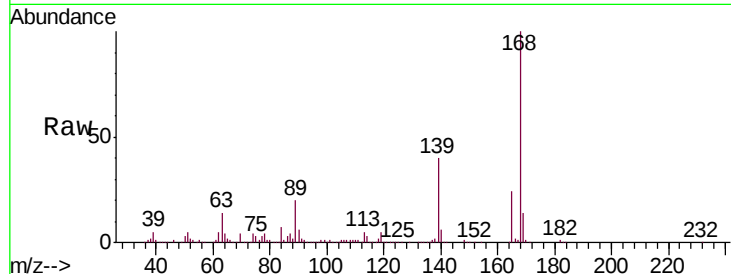
#55
Dibenzofuran
Concen: 40.574 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	799474		
139	40.2	31.4	47.2	
169	13.7	10.9	16.3	

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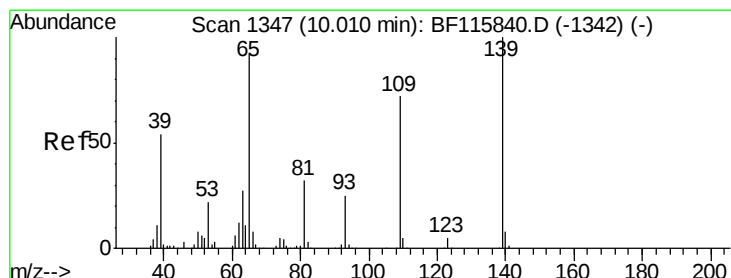
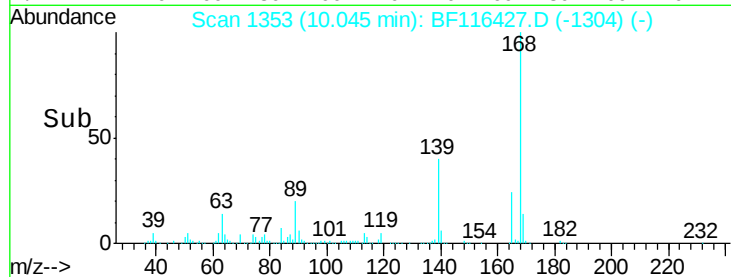
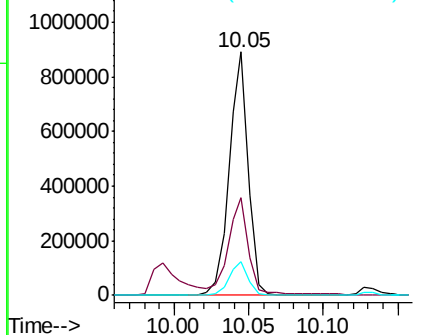


Abundance

Ion 168.00 (167.70 to 168.70): E

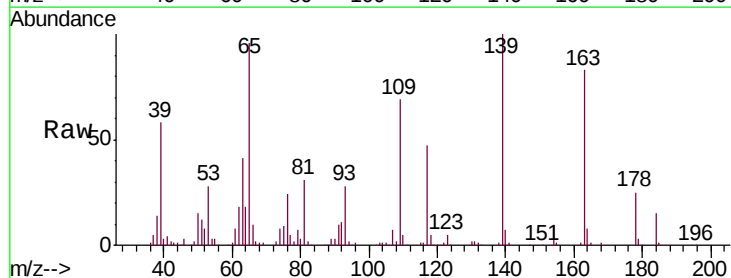
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 52.268 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	157721		
109	68.7	54.4	94.4	
65	96.1	80.6	120.6	

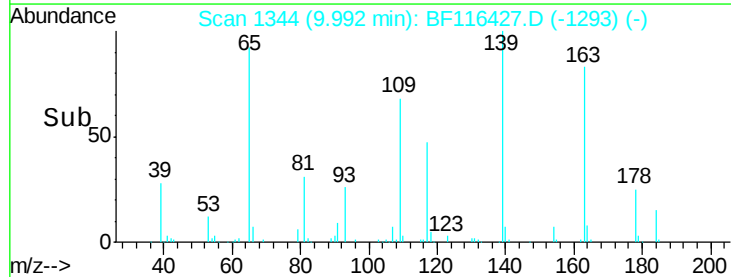
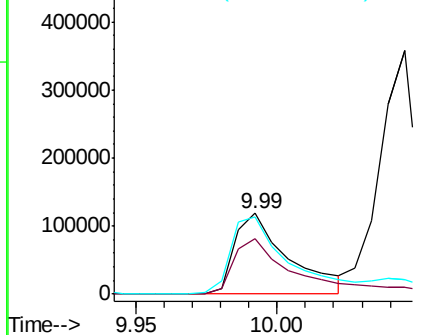


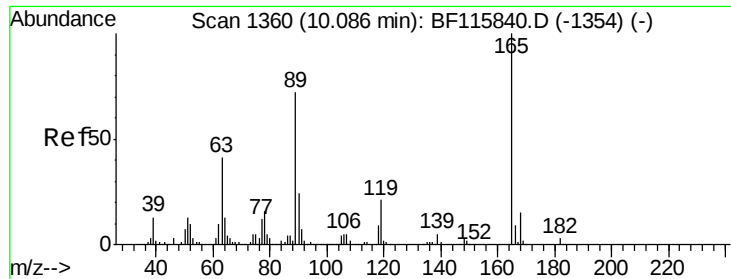
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 38.556 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

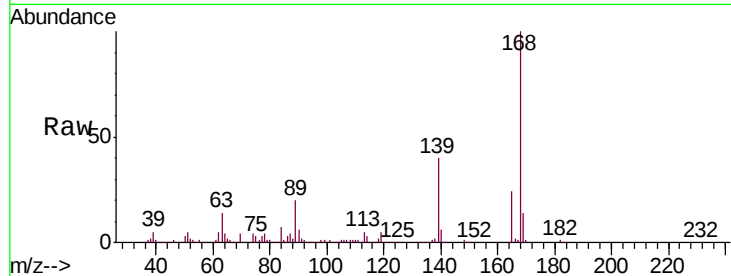
ClientSampleId :

PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	195695		
63	59.3	39.6	59.4	
89	82.1	62.2	93.2	
182	2.5	2.1	3.1	

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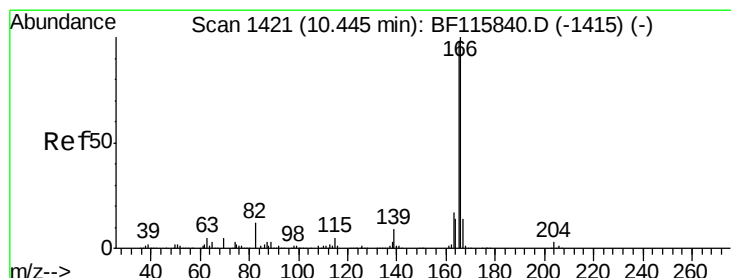
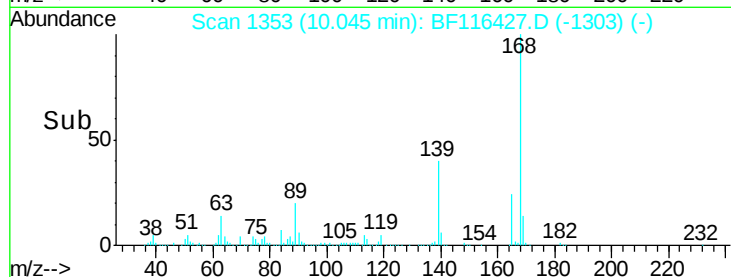
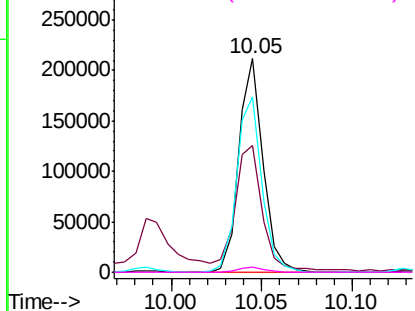


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.445 ng

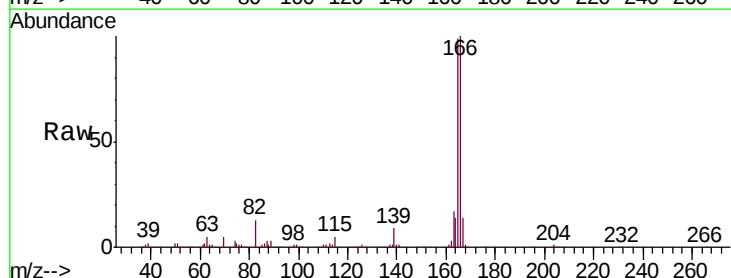
RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

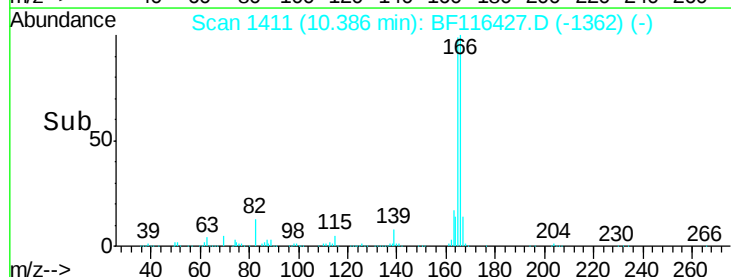
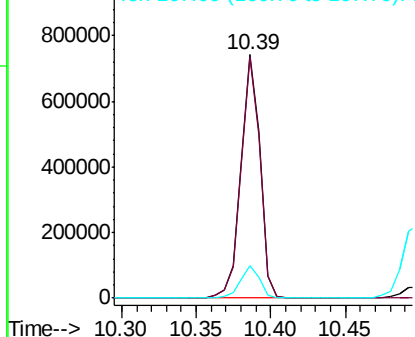
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	658625		
165	99.0	78.4	117.6	
167	13.6	11.0	16.4	

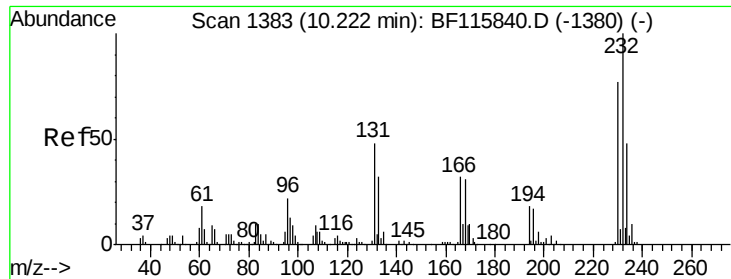


Abundance Ion 166.00 (165.70 to 166.70): E

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: 42.137 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

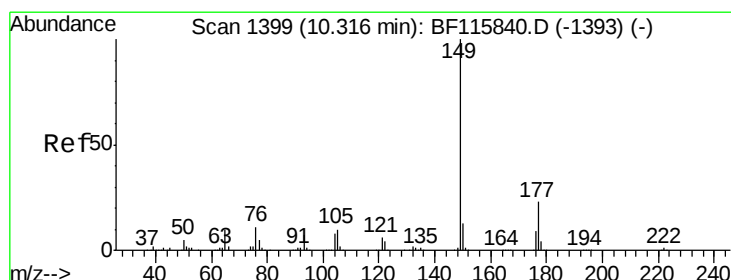
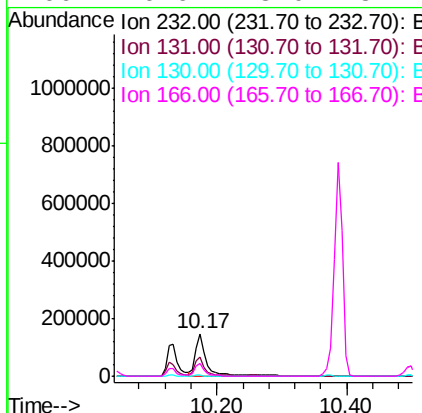
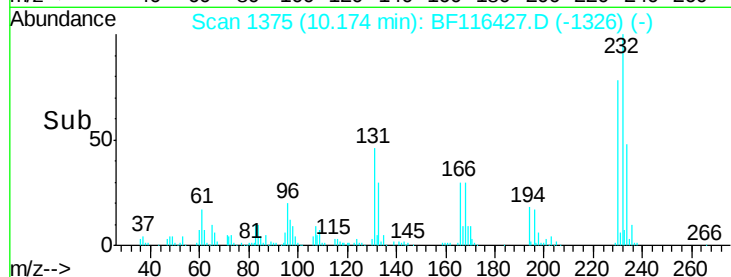
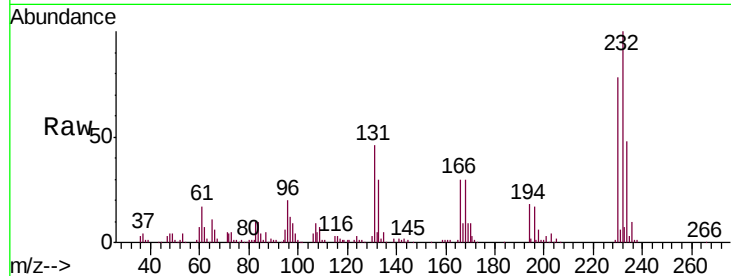
ClientSampleId :

PB122321BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.8	36.2	54.2
130	2.3	1.9	2.9
166	26.6	23.0	34.4

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#60

Diethylphthalate

Concen: 42.646 ng

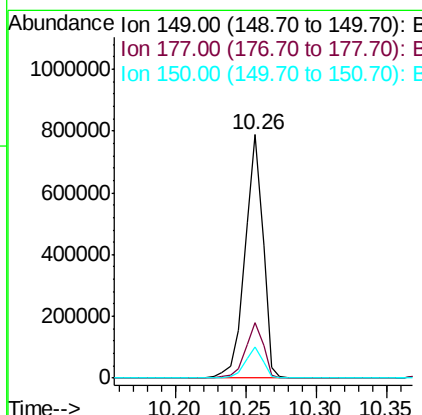
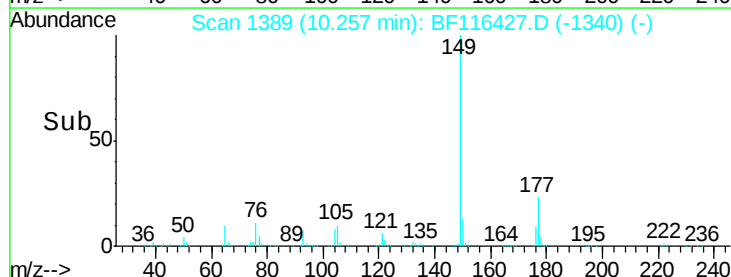
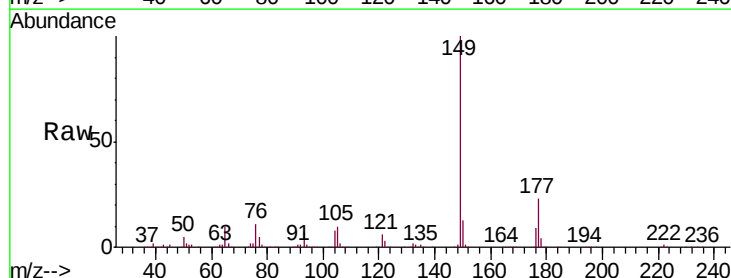
RT: 10.26 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.8	28.2
150	12.9	10.2	15.4





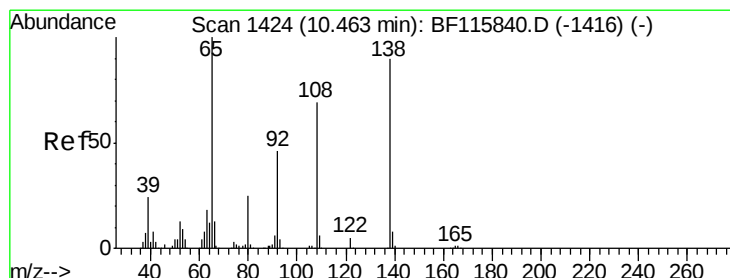
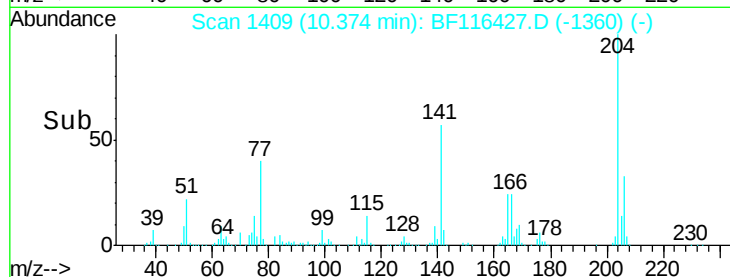
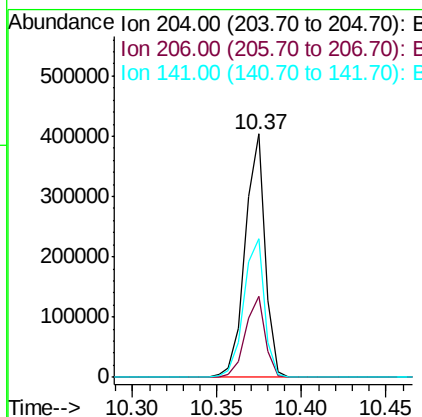
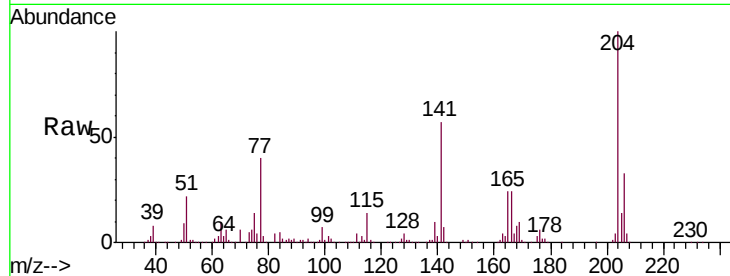
#61
4-Chlorophenyl-phenylether
Concen: 43.517 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampled :
PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	334117		
206	33.1	26.4	39.6	
141	56.9	46.4	69.6	

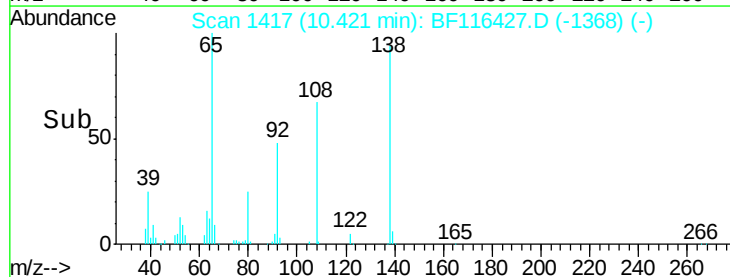
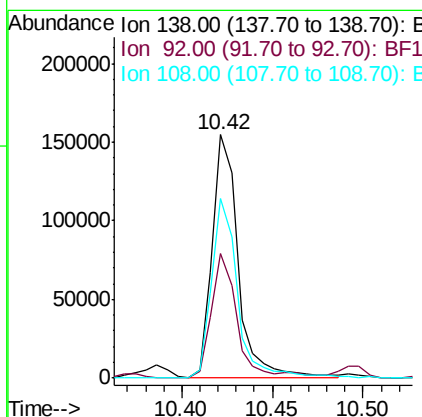
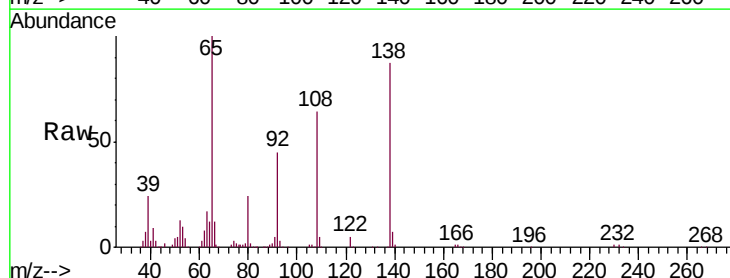
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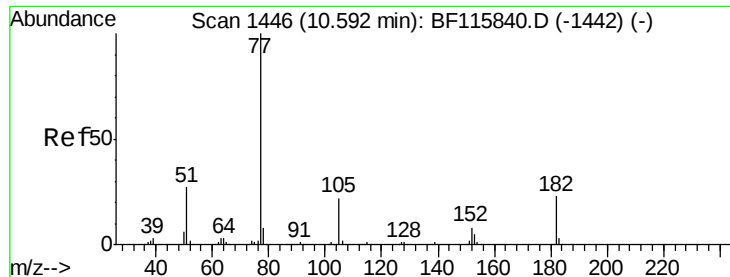
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#62
4-Nitroaniline
Concen: 31.921 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	155394		
92	51.1	29.0	69.0	
108	73.8	54.7	94.7	





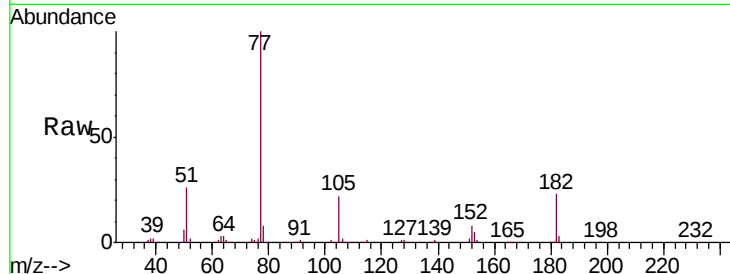
#63
Azobenzene
Concen: 42.916 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.2	4.0	44.0
105	21.9	2.0	42.0
51	26.4	7.5	47.5

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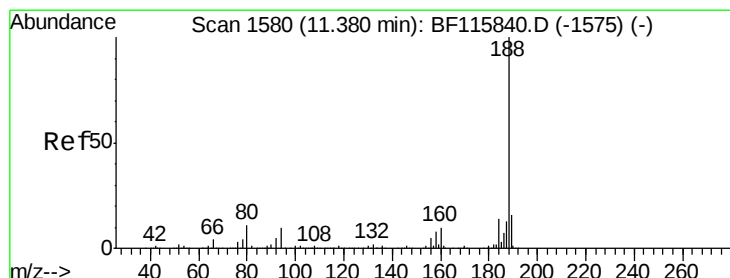
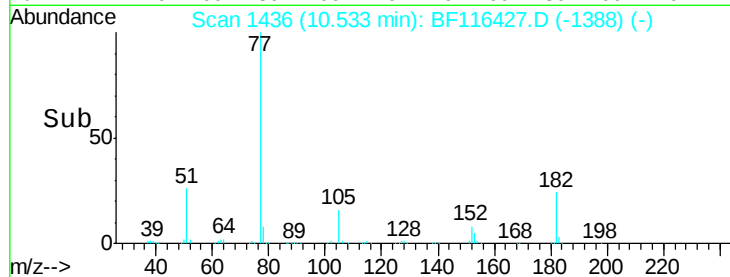
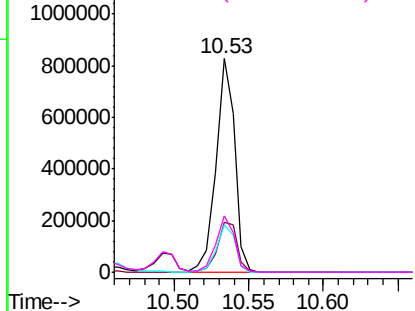


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

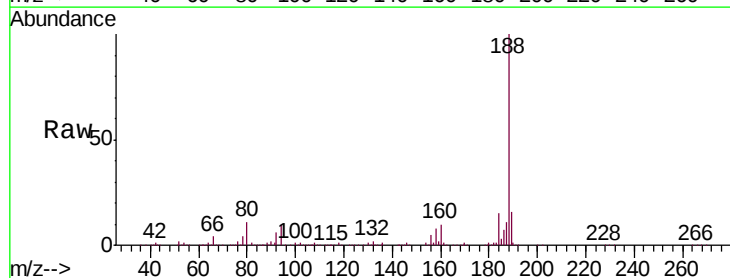
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

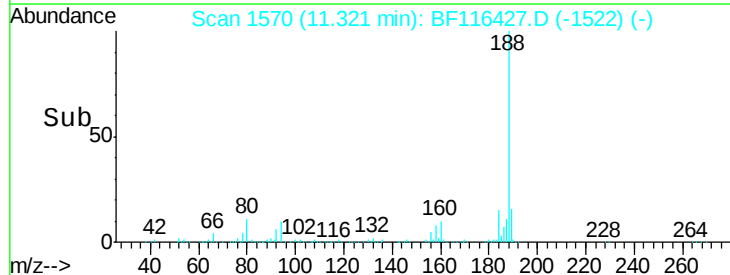
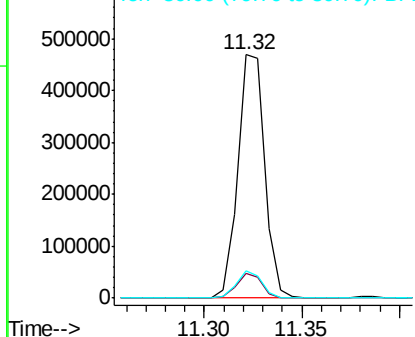
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.4	8.7	13.1

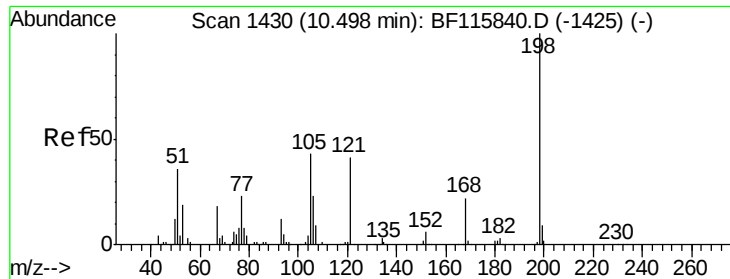


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





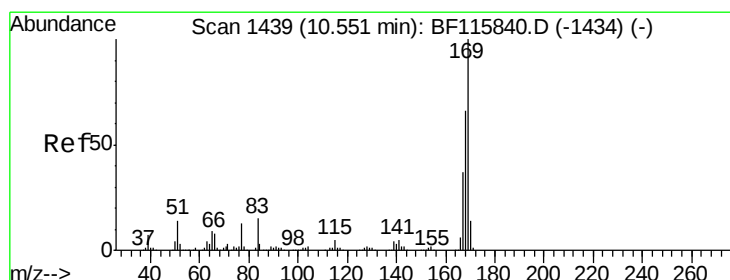
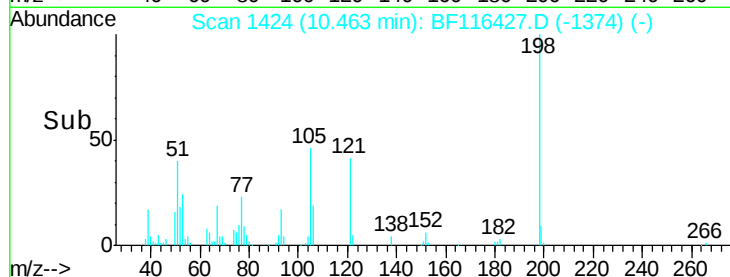
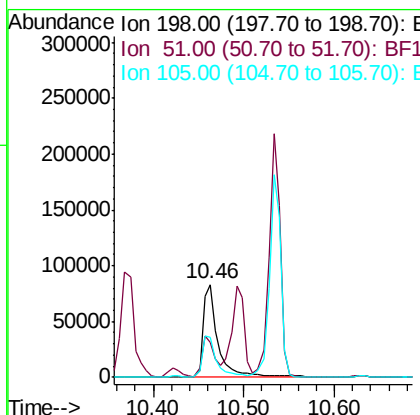
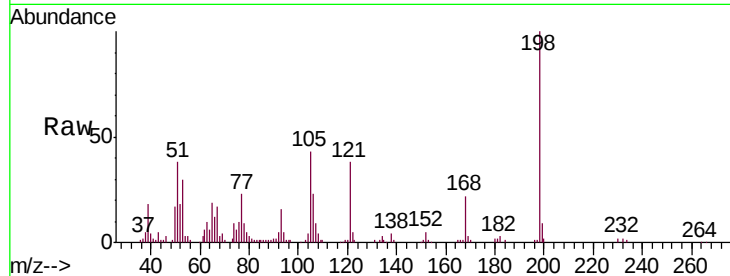
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.347 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampled :
 PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	97934		
51	38.1	17.0	57.0	
105	42.6	21.6	61.6	

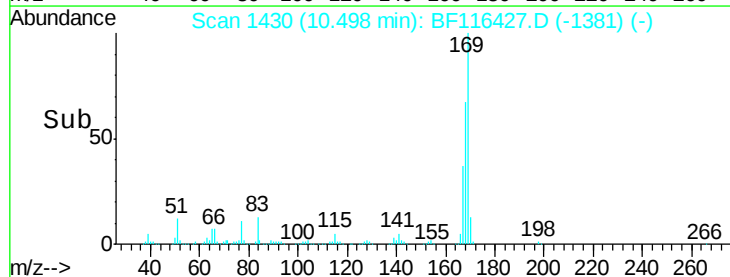
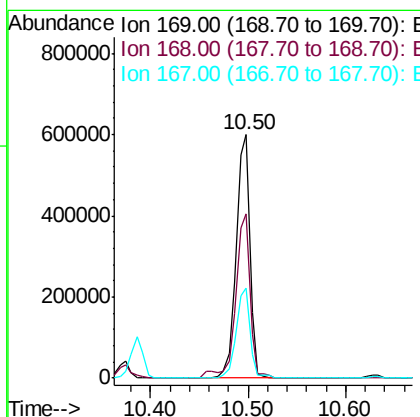
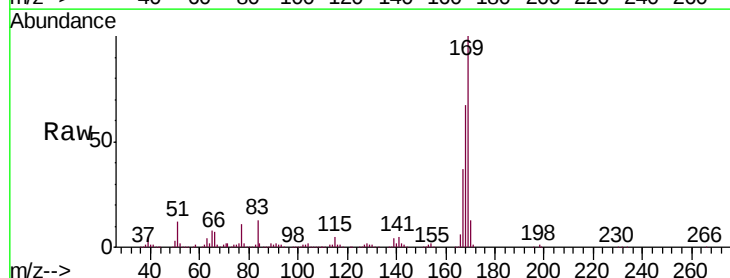
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#66
 n-Nitrosodiphenylamine
 Concen: 43.354 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	583234		
168	67.5	53.8	80.6	
167	37.1	29.6	44.4	





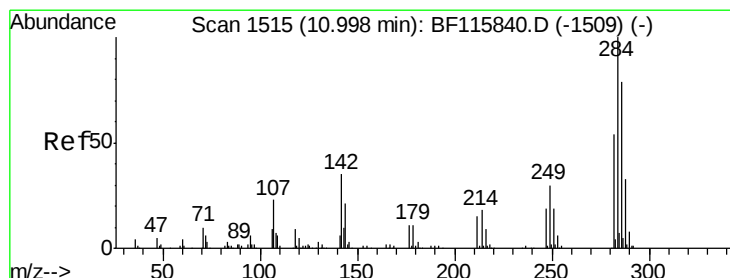
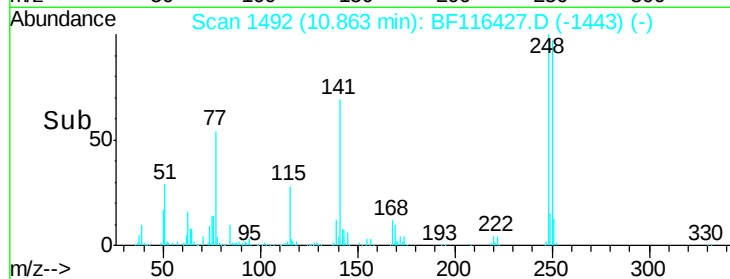
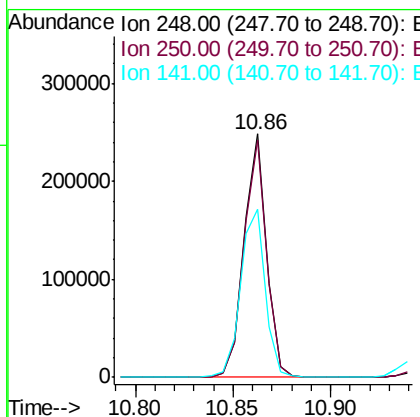
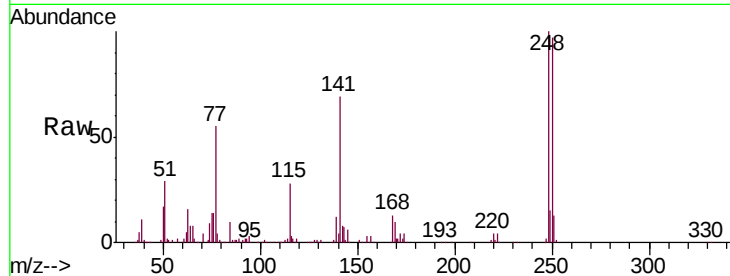
#67
4-Bromophenyl-phenylether
Concen: 41.589 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.4	116.2
141	69.2	56.8	85.2

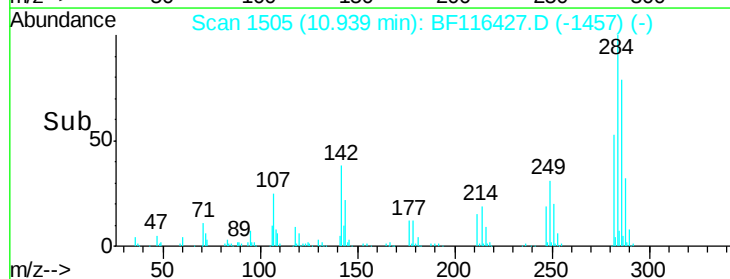
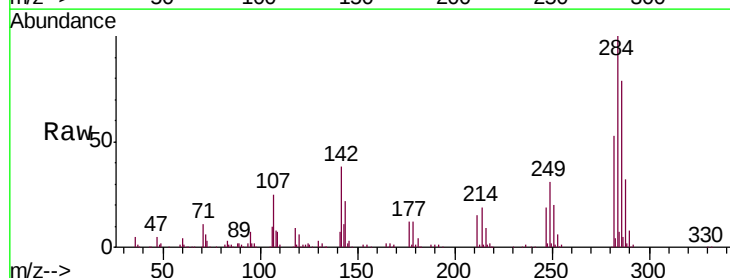
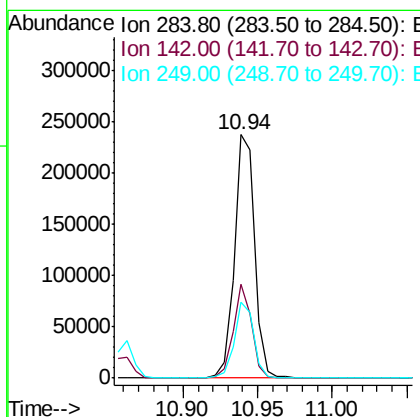
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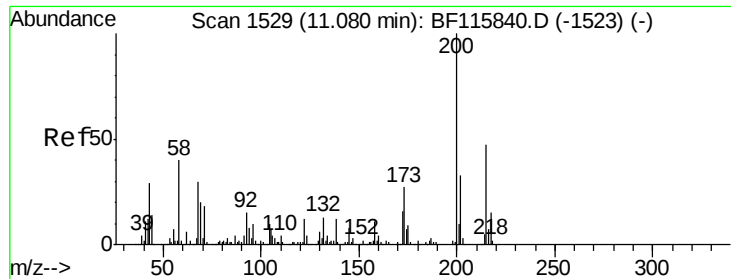
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#68
Hexachlorobenzene
Concen: 40.757 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.3	28.4	42.6
249	31.0	24.5	36.7





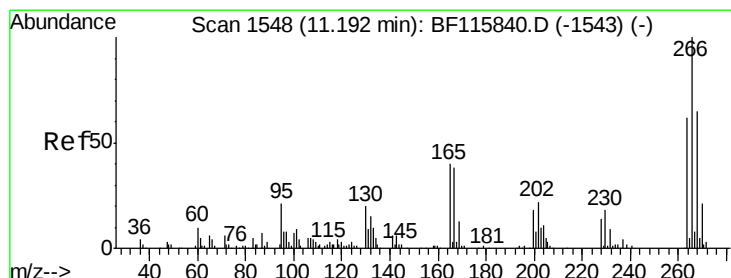
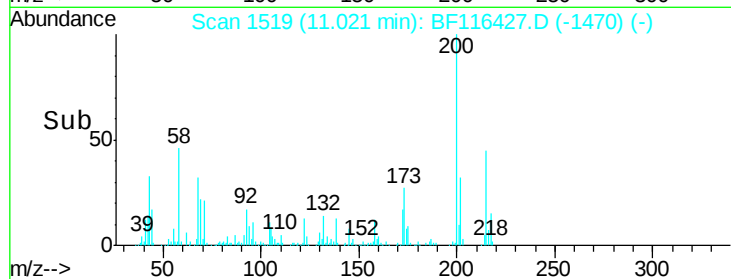
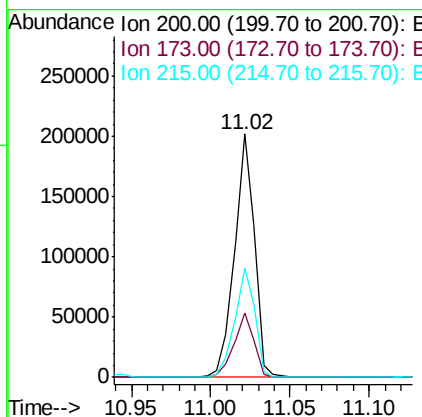
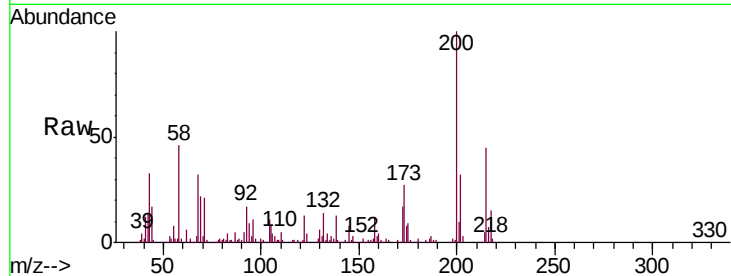
#69
 Atrazine
 Concen: 39.792 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampled :
 PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	176110		
173	26.5	6.8	46.8	
215	44.9	27.5	67.5	

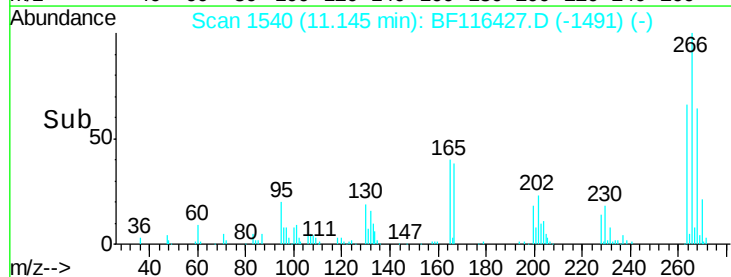
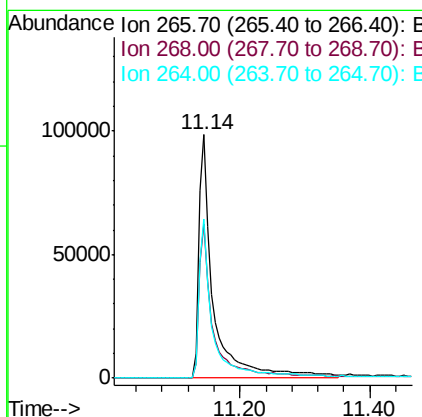
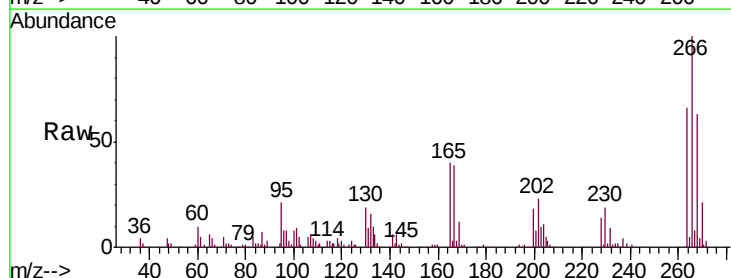
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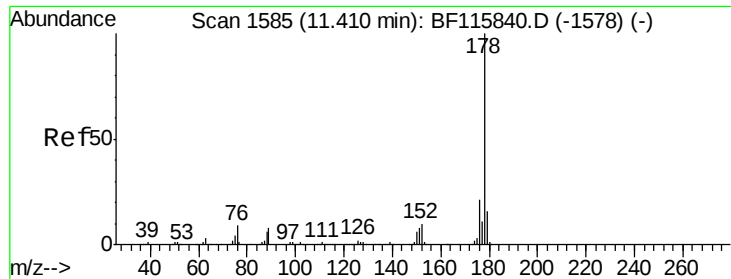
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#70
 Pentachlorophenol
 Concen: 57.364 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	154085		
268	63.3	48.8	73.2	
264	65.5	50.6	76.0	





#71

Phenanthrene

Concen: 41.869 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

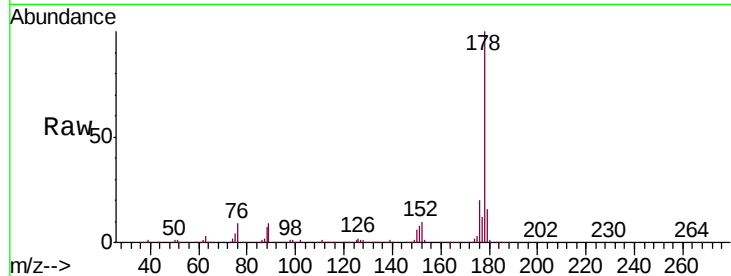
ClientSampled :

PB122321BS

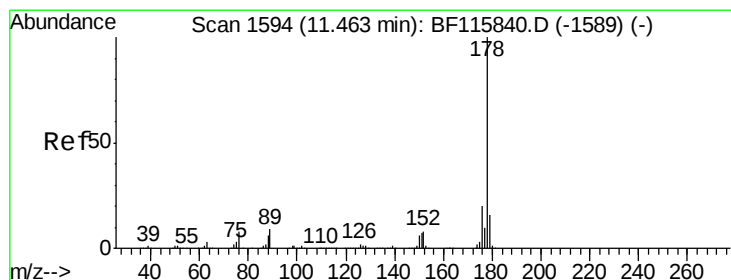
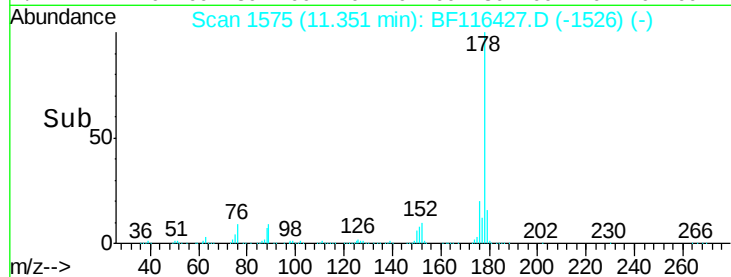
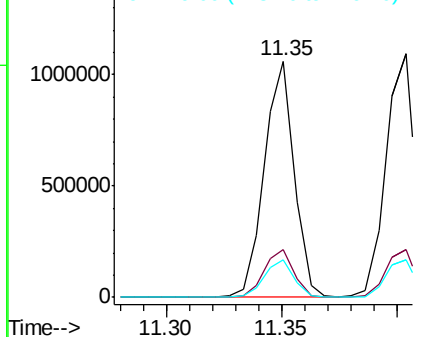
Tgt Ion:	178	Resp:	956675
Ion Ratio	Lower	Upper	
178	100		
176	20.5	16.6	24.8
179	15.8	12.5	18.7

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Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.890 ng

RT: 11.40 min Scan# 1584

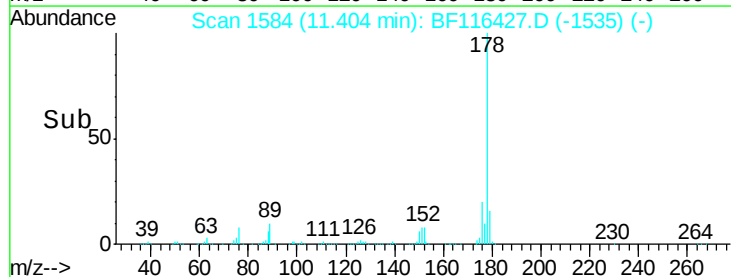
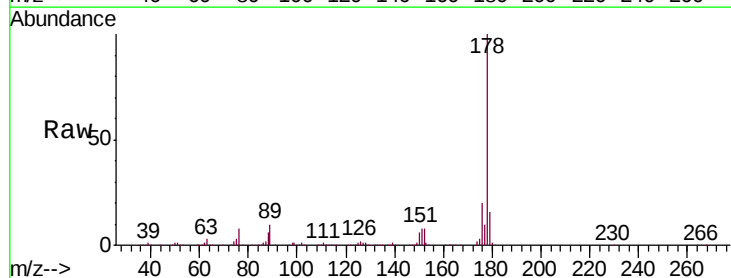
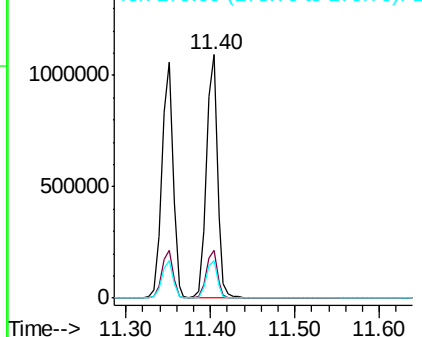
Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Tgt Ion:	178	Resp:	991812
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.7	23.5
179	15.5	13.0	19.6

Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





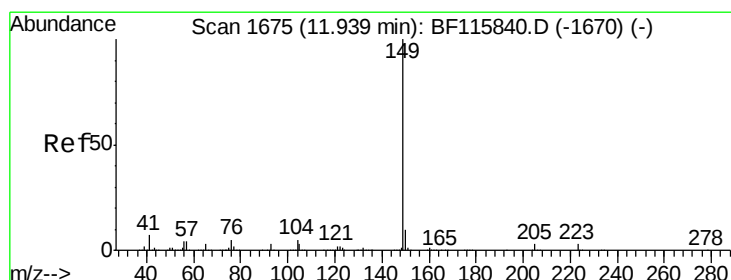
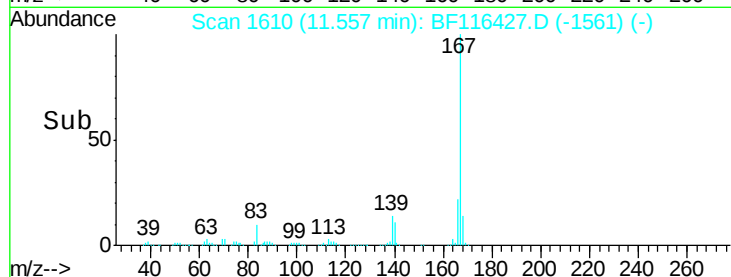
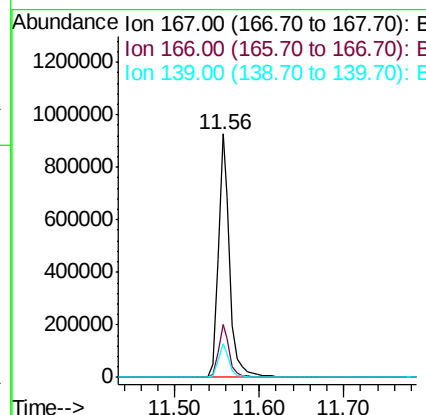
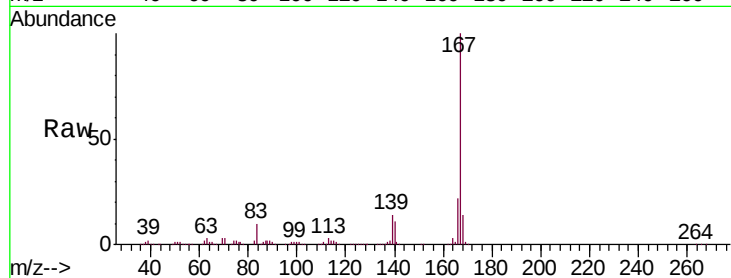
#73
 Carbazole
 Concen: 42.167 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	884659		
166	21.8		17.8	26.6
139	13.9		11.4	17.0

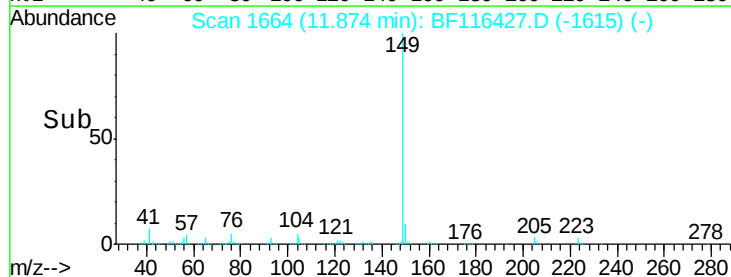
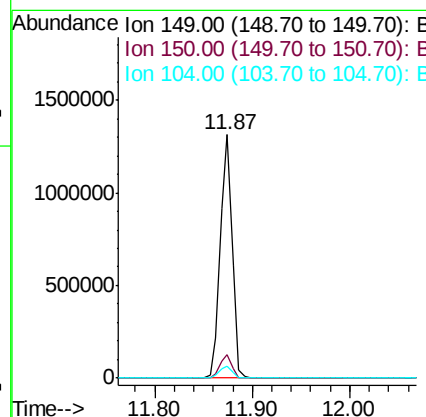
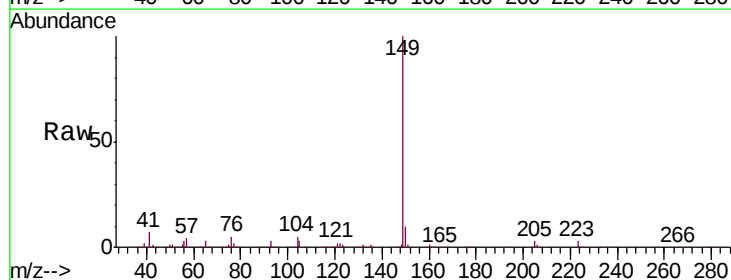
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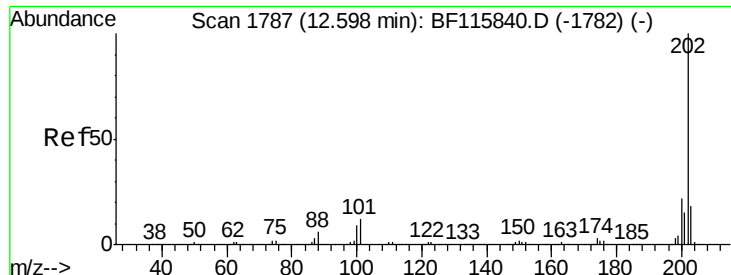
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#74
 Di-n-butylphthalate
 Concen: 45.293 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1108505		
150	9.7		8.0	12.0
104	5.2		4.5	6.7





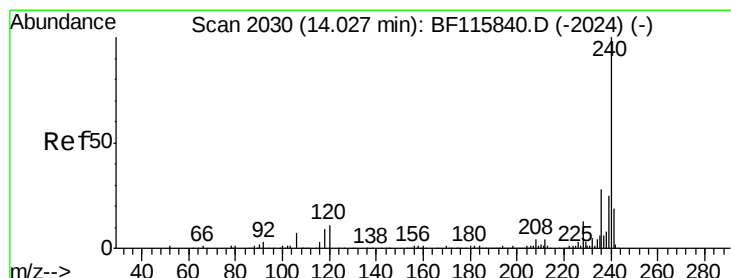
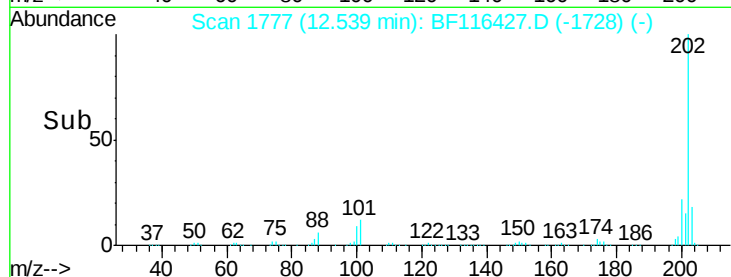
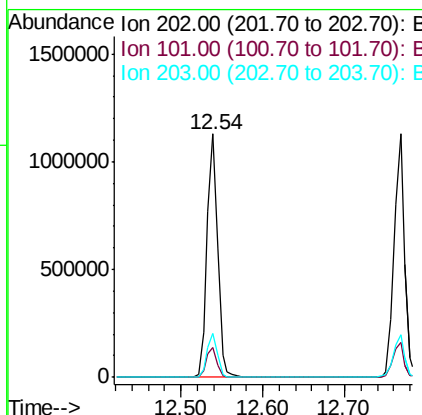
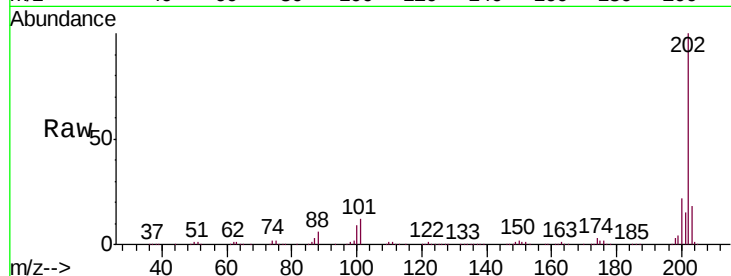
#75
Fluoranthene
 Concen: 42.516 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampled :
 PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1017036		
101	12.4	0.0	31.2	
203	17.9	0.0	37.8	

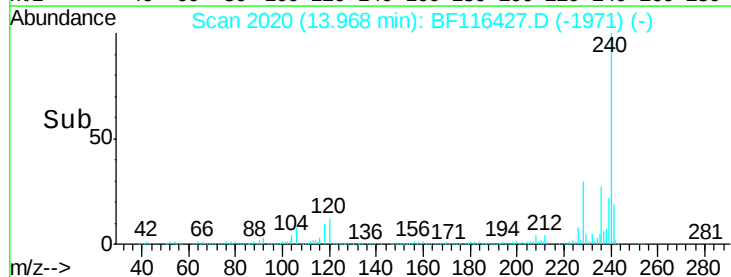
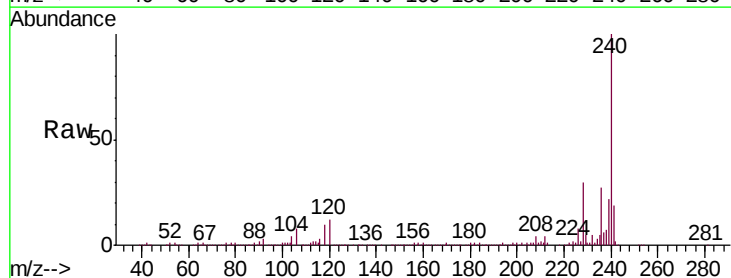
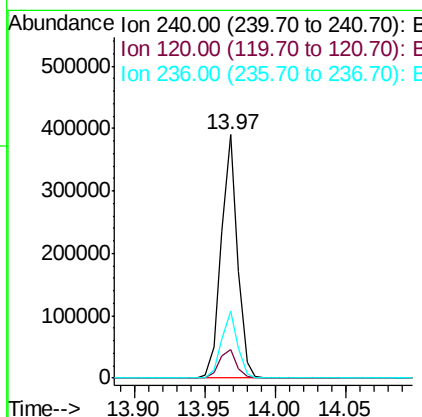
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	312924		
120	11.5	10.7	16.1	
236	27.4	22.2	33.2	





#77

Benzidine

Concen: 25.188 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

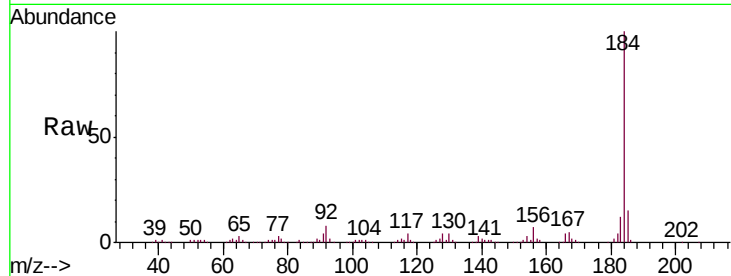
ClientSampleId :

PB122321BS

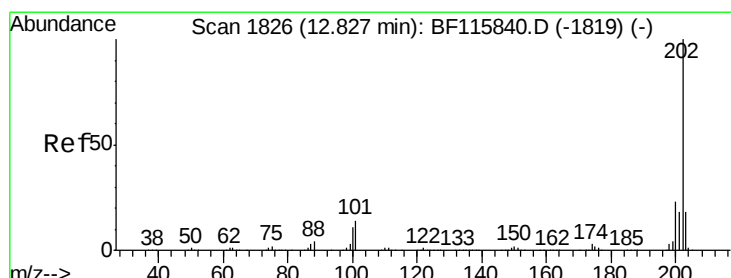
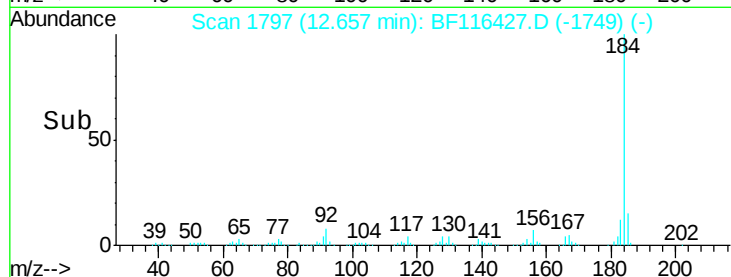
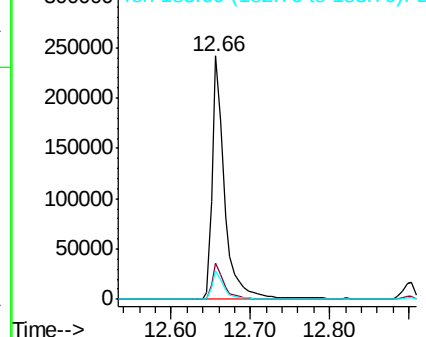
Tgt Ion:	184	Resp:	266289
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.8	19.2
183	11.6	9.4	14.0

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



#78

Pyrene

Concen: 43.277 ng

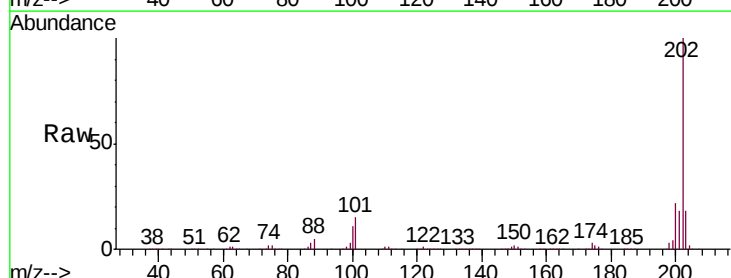
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

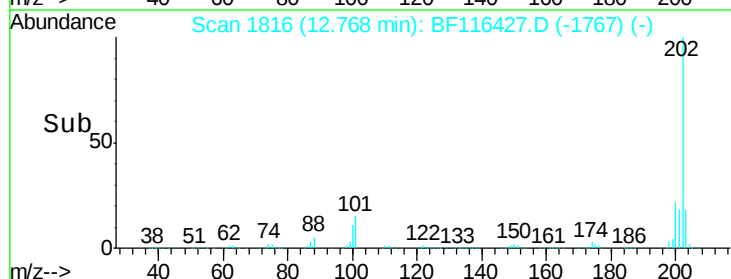
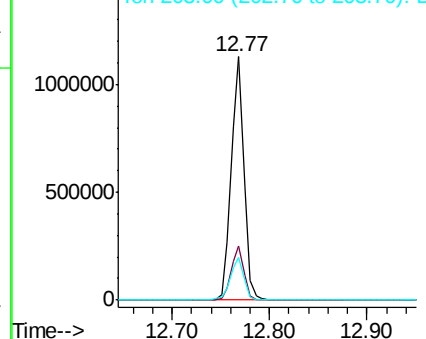
Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Tgt Ion:	202	Resp:	1020845
Ion Ratio	Lower	Upper	
202	100		
200	22.5	18.0	27.0
203	17.6	14.1	21.1



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





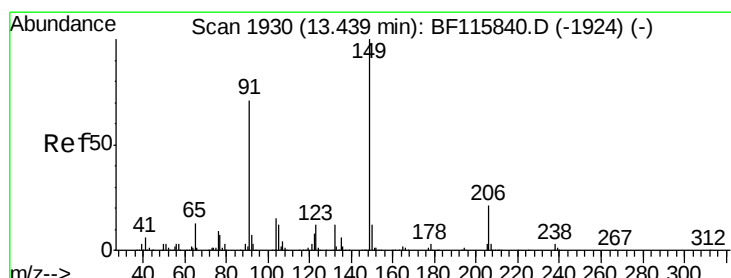
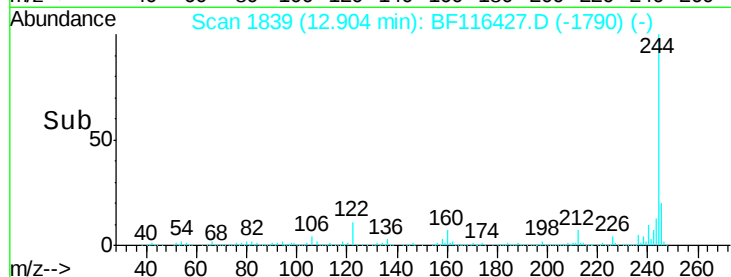
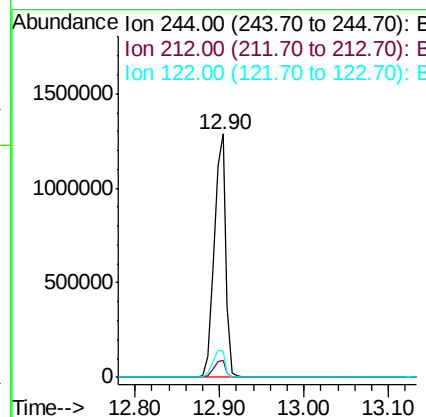
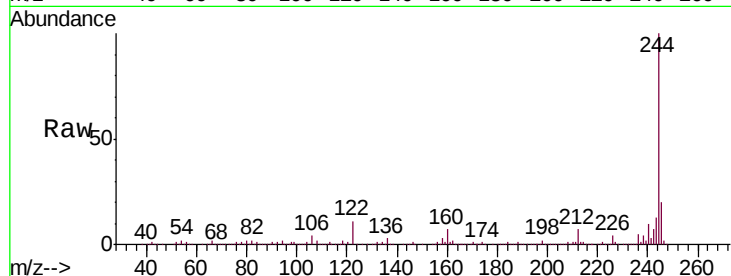
#79
 Terphenyl-d14
 Concen: 83.824 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

Tgt Ion: 244 Resp: 1244833
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.9 9.0 13.4

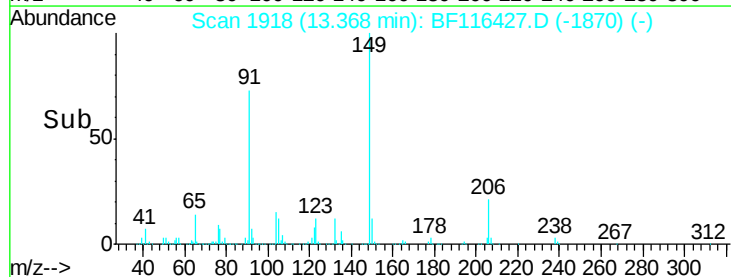
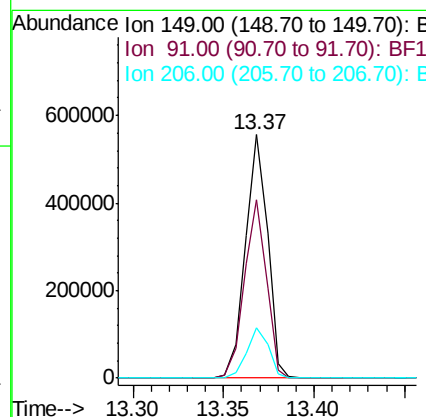
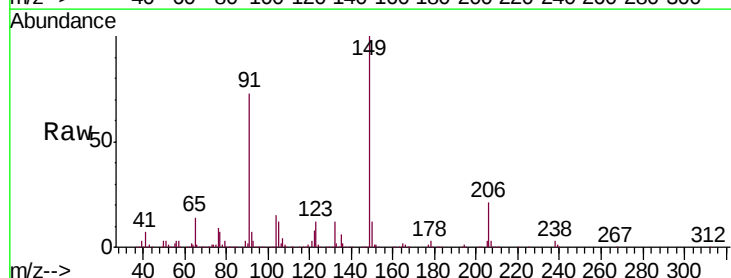
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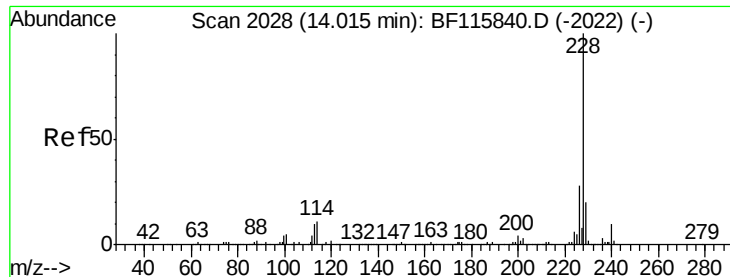
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#80
 Butylbenzylphthalate
 Concen: 47.253 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion: 149 Resp: 471494
 Ion Ratio Lower Upper
 149 100
 91 73.4 56.3 84.5
 206 20.5 18.0 27.0





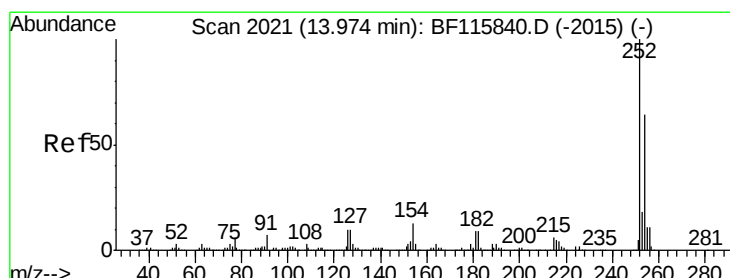
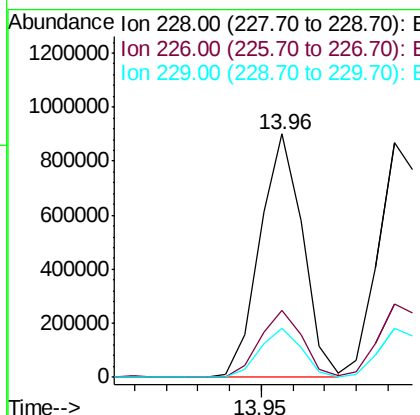
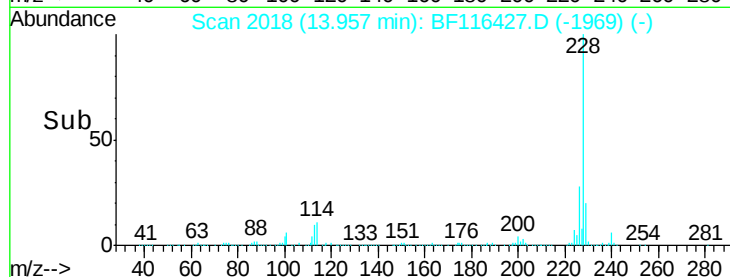
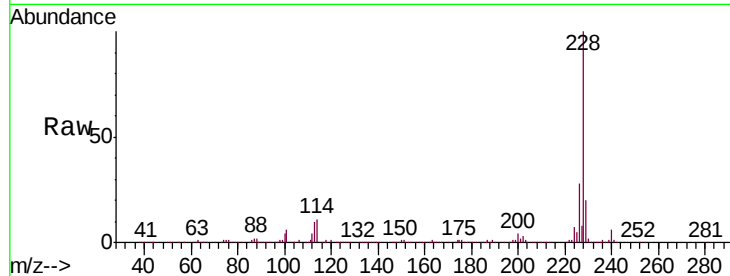
#81
Benzo(a)anthracene
Concen: 42.103 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	842108		
226	27.6		22.7	34.1
229	20.1		16.2	24.4

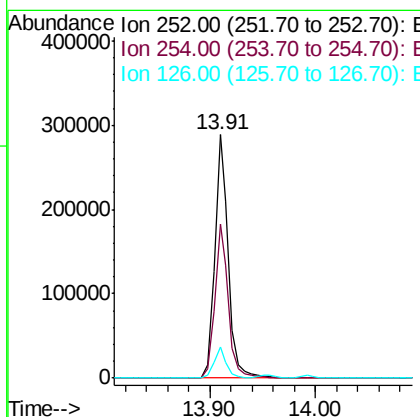
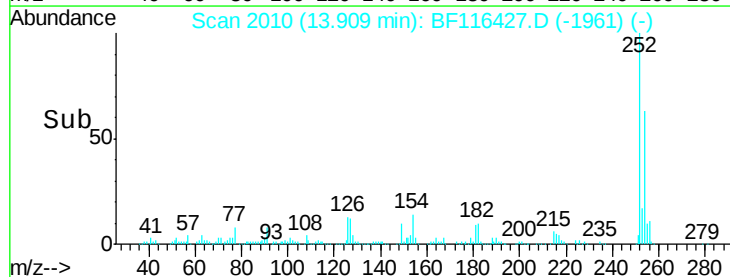
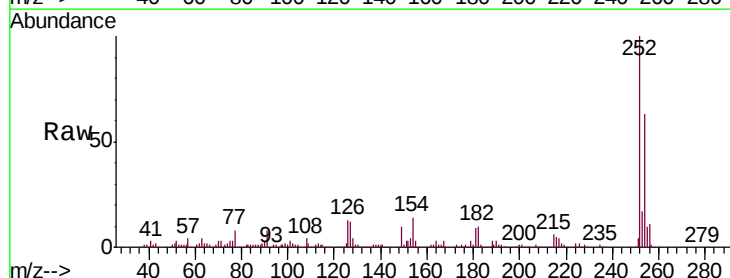
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#82
3,3'-Dichlorobenzidine
Concen: 37.594 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	261228		
254	63.3		50.9	76.3
126	12.7		9.8	14.8





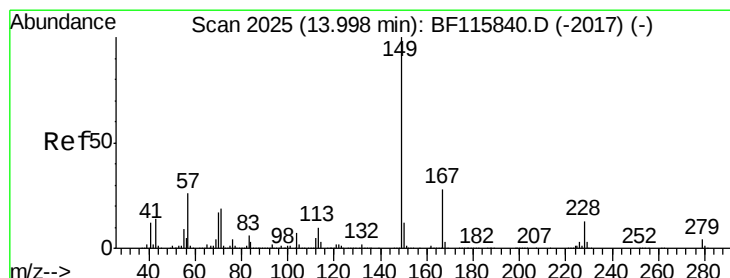
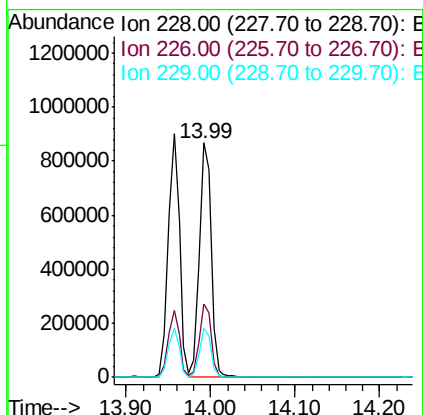
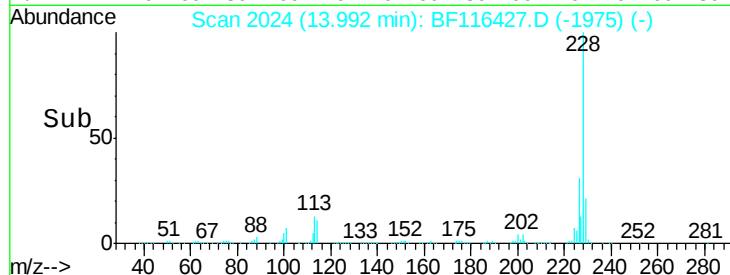
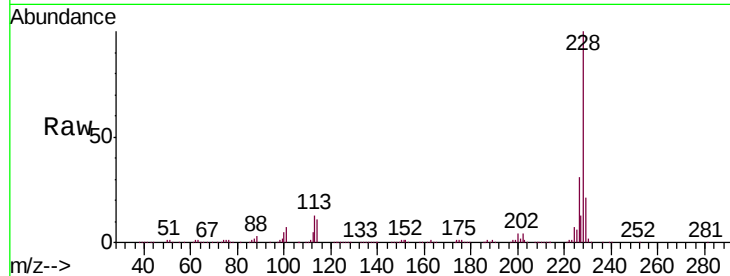
#83
 Chrysene
 Concen: 42.548 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.7	16.6	24.8

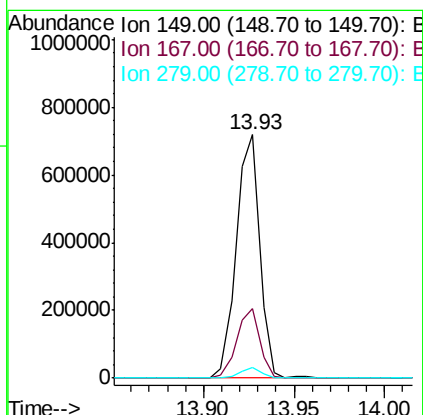
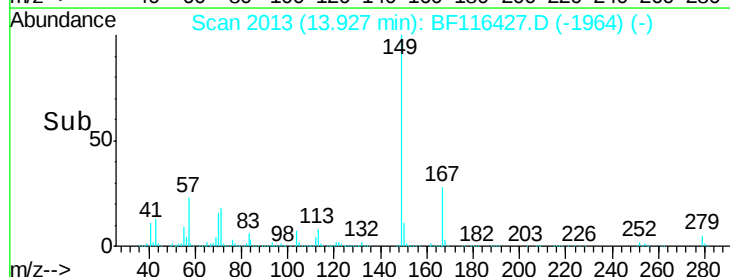
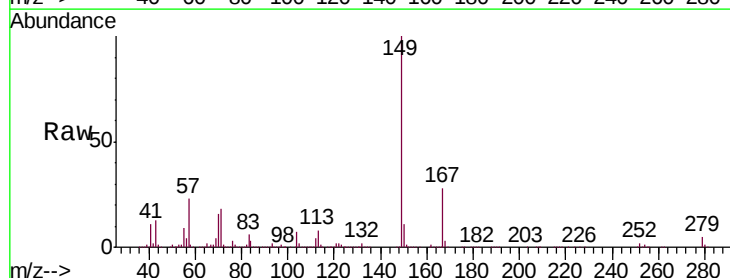
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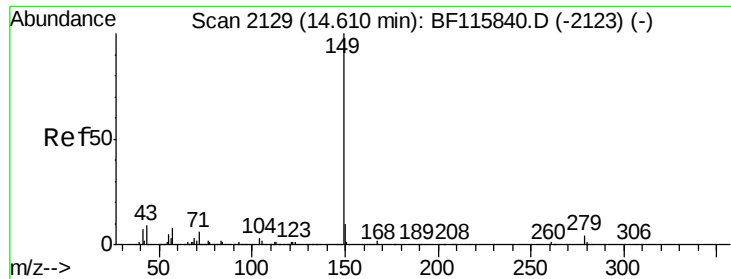
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.105 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.6	32.4
279	4.5	3.0	4.4#





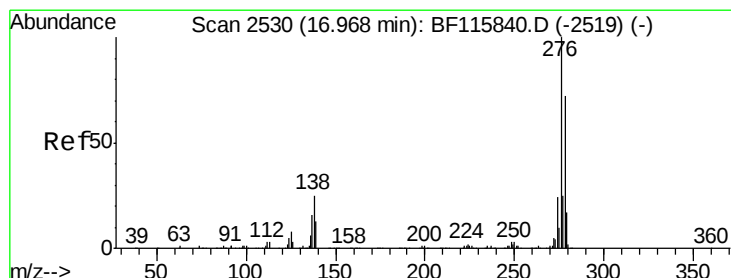
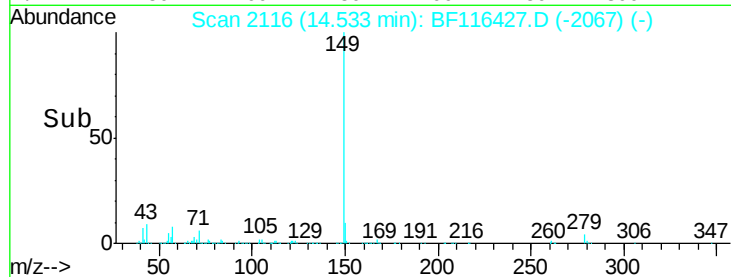
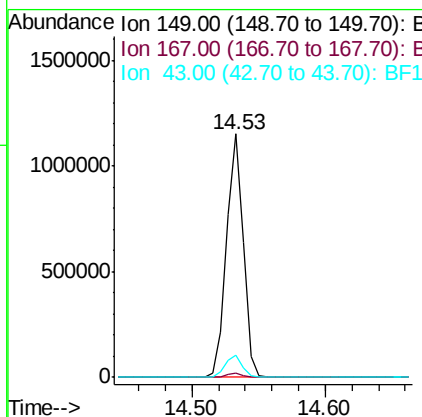
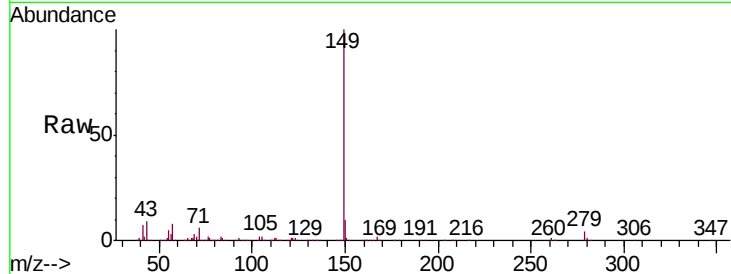
#85
Di-n-octyl phthalate
Concen: 50.037 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.0	7.5	11.3

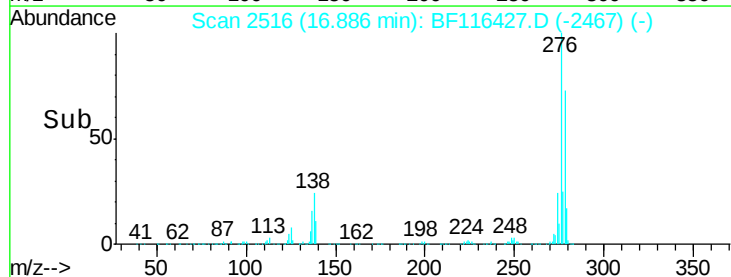
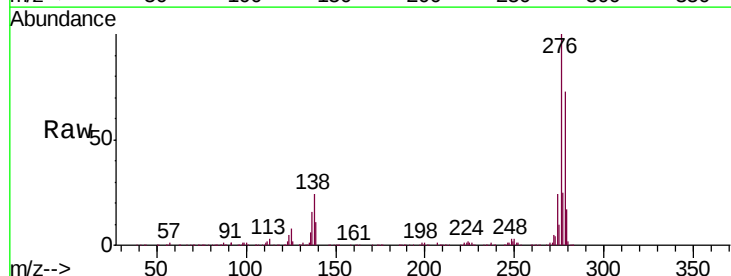
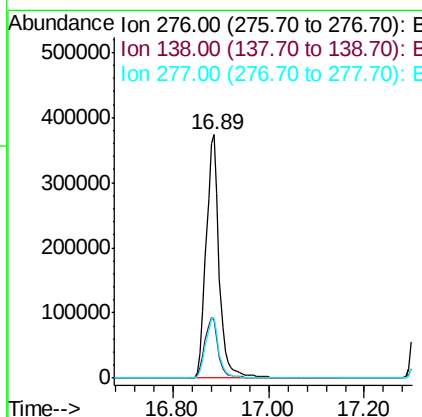
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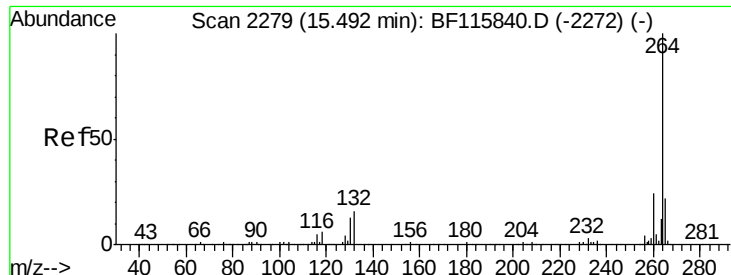
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.752 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.4	30.6
277	25.0	20.0	30.0





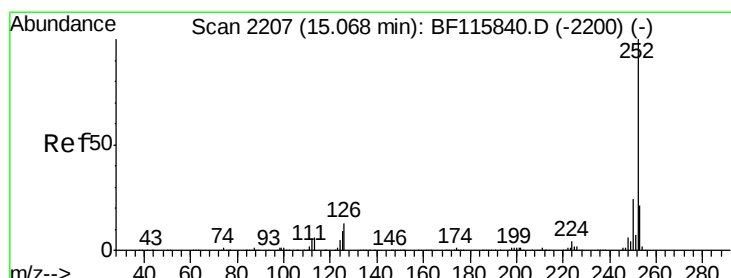
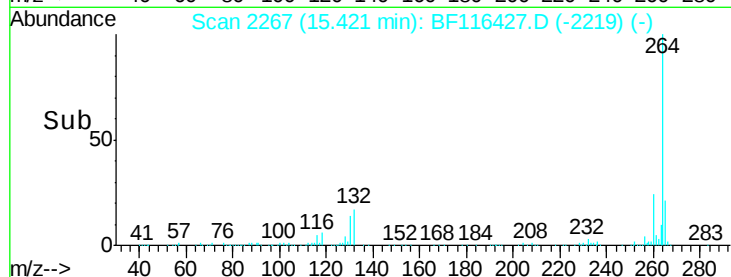
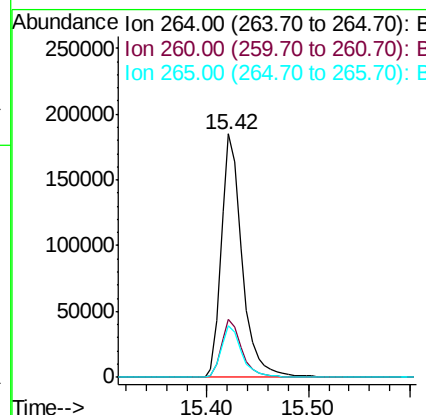
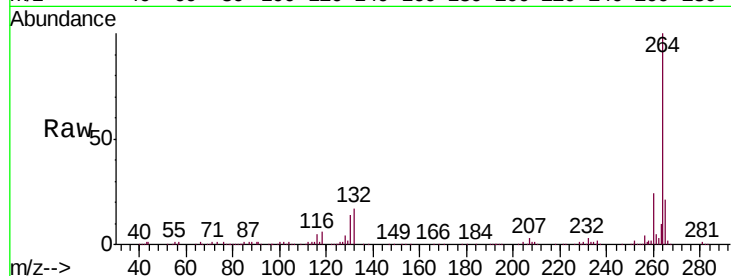
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	262575		
260	23.9	19.7	29.5	
265	21.0	17.4	26.0	

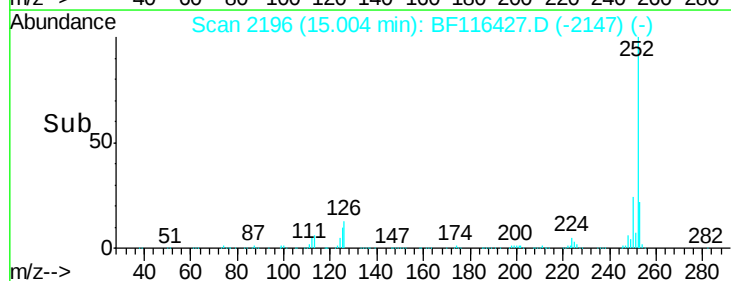
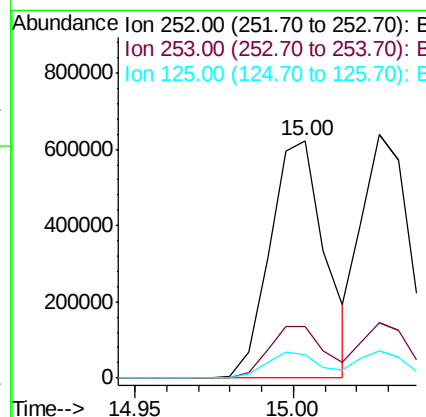
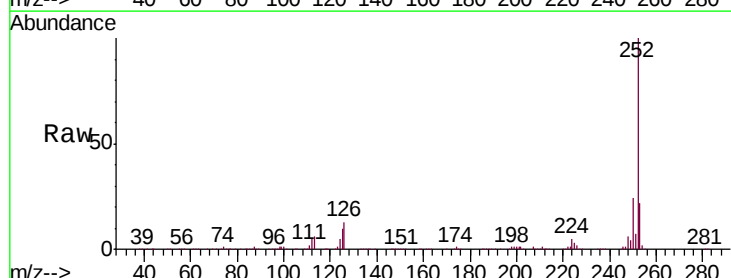
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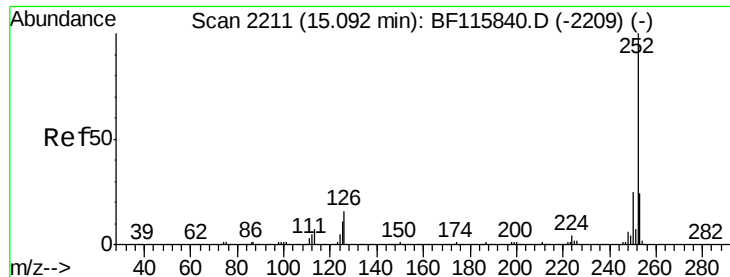
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#88
Benzo(b)fluoranthene
Concen: 49.607 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	753158		
253	21.9	17.8	26.8	
125	9.8	8.4	12.6	





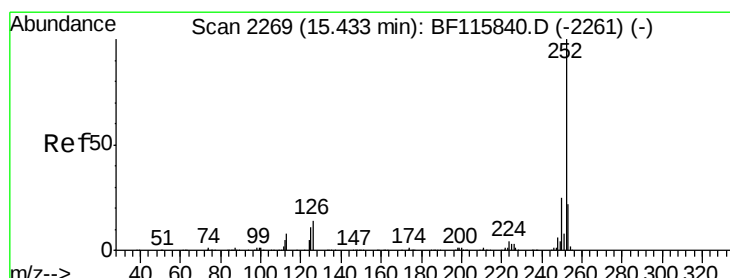
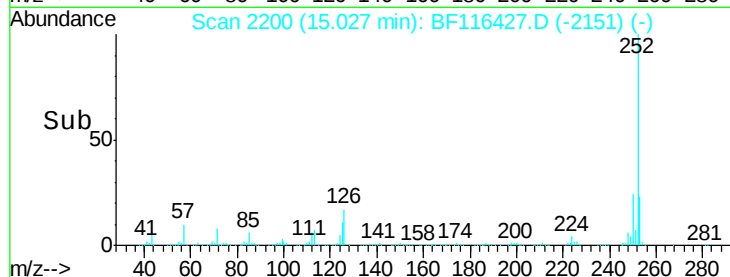
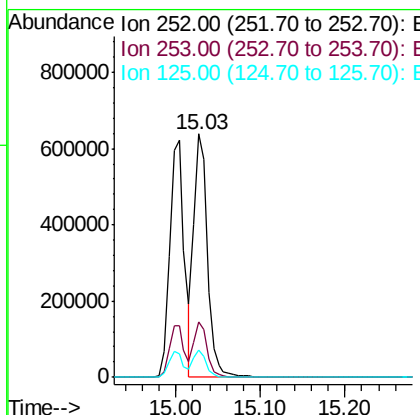
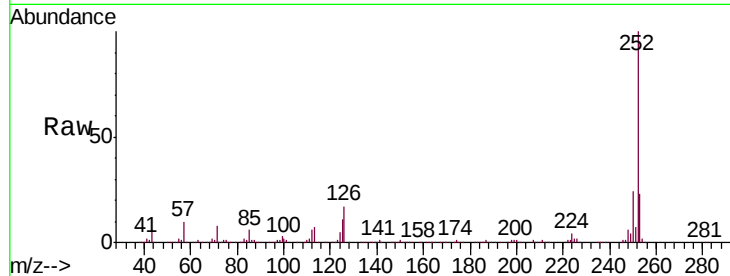
#89
Benzo(k)fluoranthene
Concen: 47.570 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

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

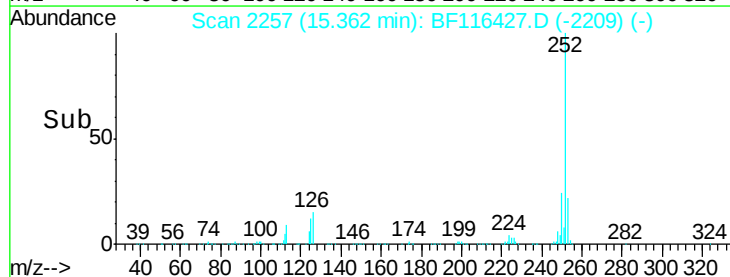
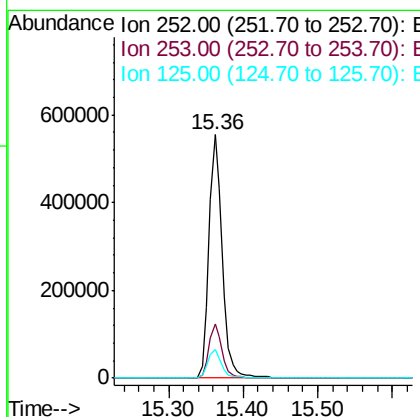
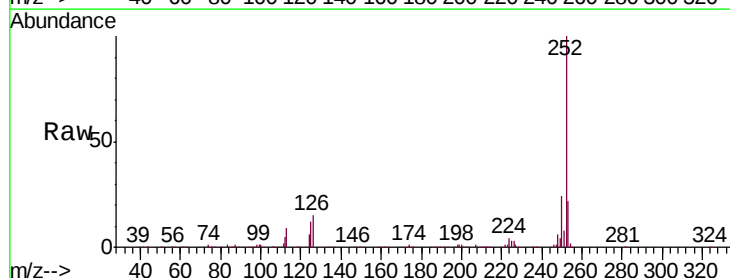
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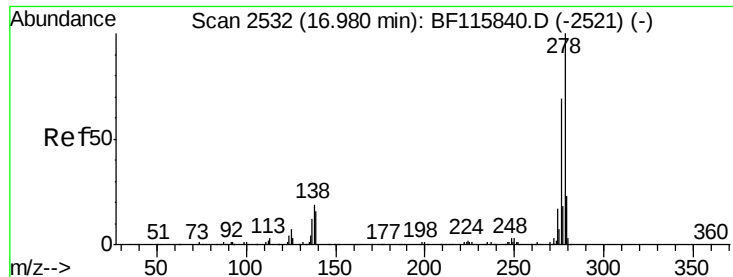
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#90
Benzo(a)pyrene
Concen: 50.375 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	12.0	8.9	13.3





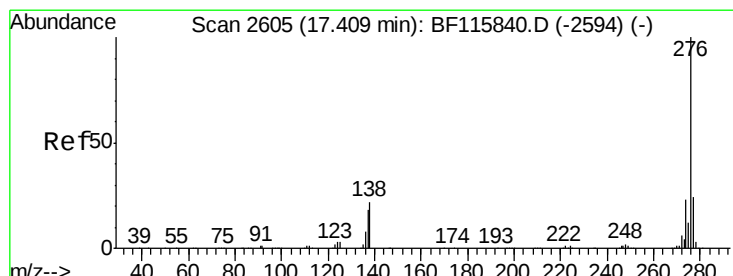
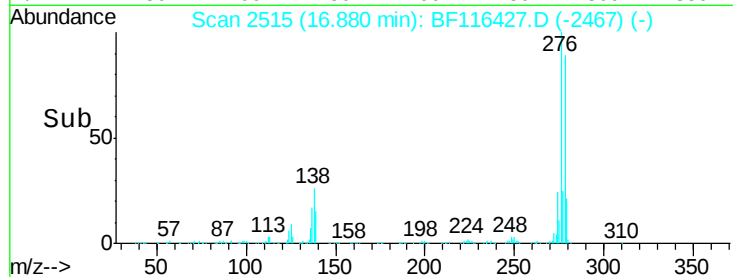
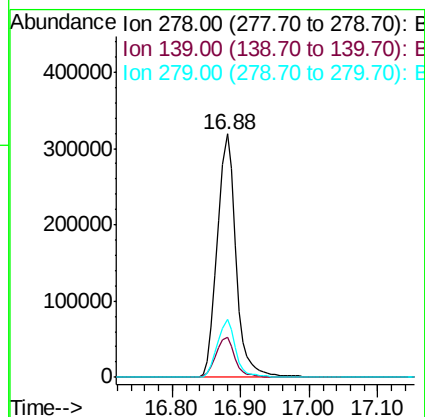
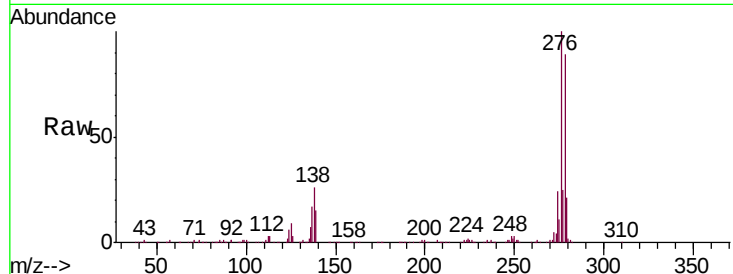
#91
Dibenzo(a,h)anthracene
Concen: 51.555 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.8	19.2
279	23.6	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 52.505 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	21.1	17.0	25.6

