

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122419.D
 Acq On : 20 Nov 2020 23:28
 Operator : JU/CG
 Sample : L4829-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Nov 21 00:47:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

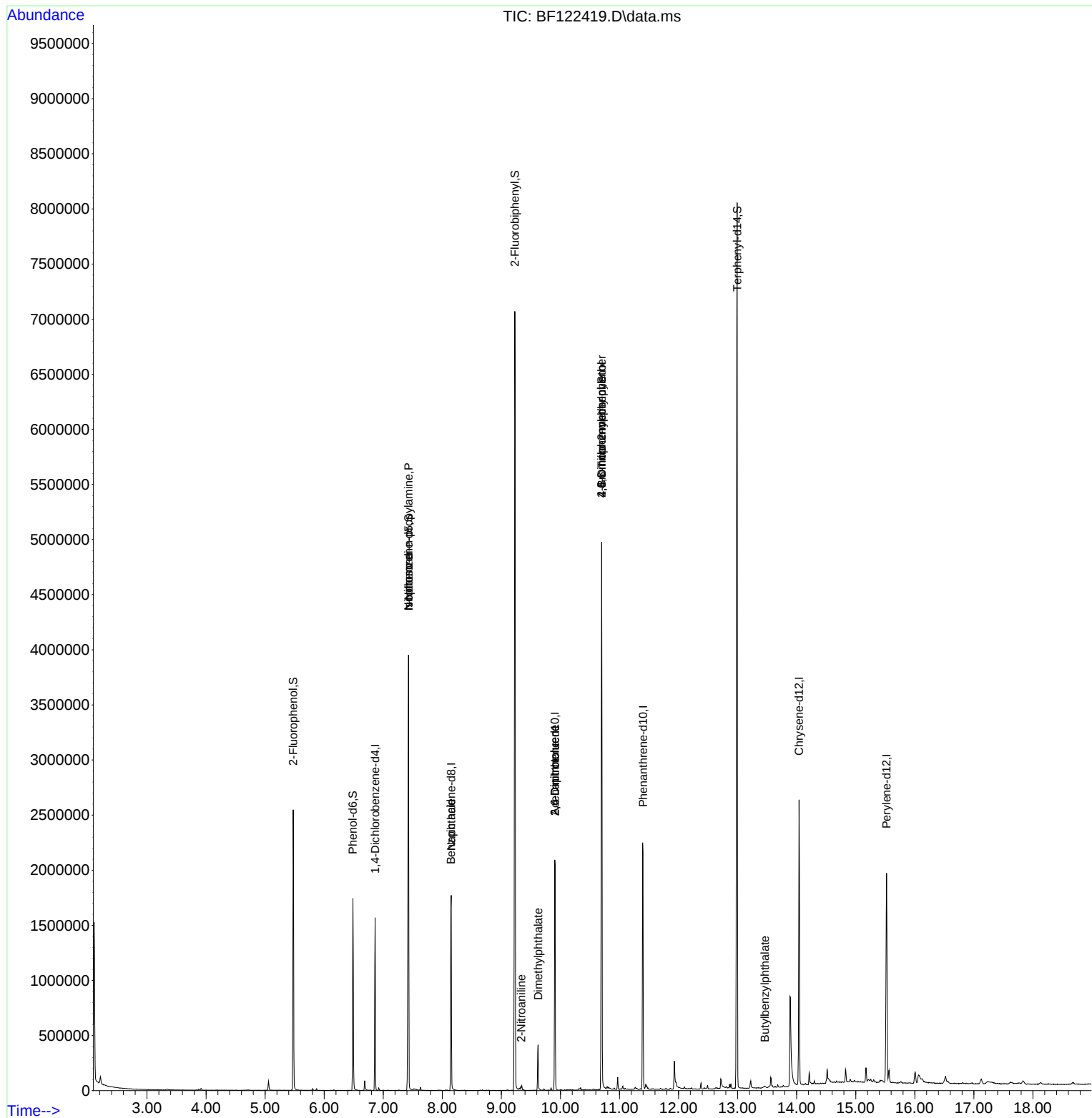
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	213527	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	825177	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	446361	20.00	ng	-0.01
64) Phenanthrene-d10	11.398	188	873399	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	861719	20.00	ng	-0.01
86) Perylene-d12	15.521	264	892354	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	692318	49.79	ng	-0.02
7) Phenol-d6	6.486	99	541796	29.78	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1312034	97.34	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	689038	143.83	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2373395	83.08	ng	0.00
79) Terphenyl-d14	12.992	244	2723637	66.96	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	910	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	176410	16.23	ng	# 74
25) Isophorone	7.428	82	1303386	43.37	ng	# 67
32) Benzoic acid	8.145	122	126	7.97	ng	# 1
48) 2-Nitroaniline	9.339	65	610	5.23	ng	# 6
50) Dimethylphthalate	9.622	163	170829	5.38	ng	100
51) 2,6-Dinitrotoluene	9.904	165	58448	11.43	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	58448	10.64	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1476	6.64	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	44004	4.29	ng	# 1
80) Butylbenzylphthalate	13.463	149	1012	3.33	ng	# 47

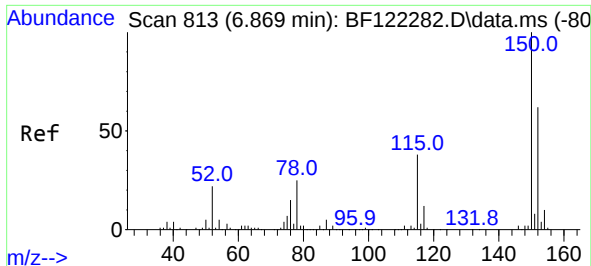
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
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Misc :
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Instrument :
BNA_F
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Response via : Initial Calibration

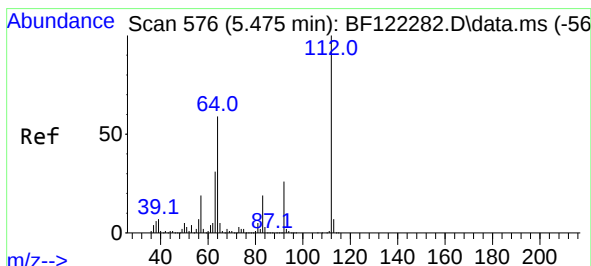
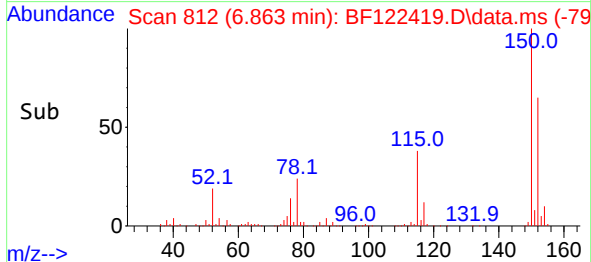
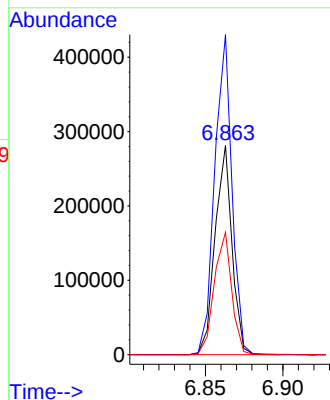
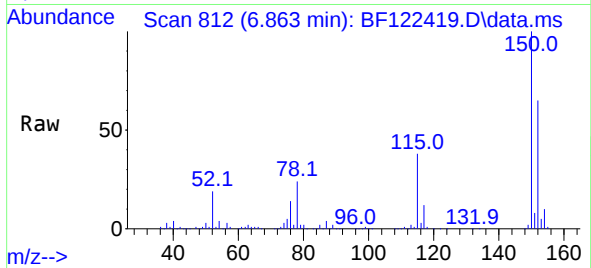




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

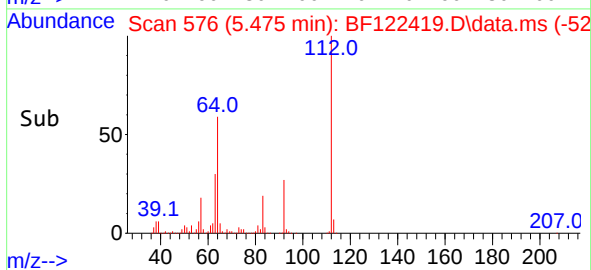
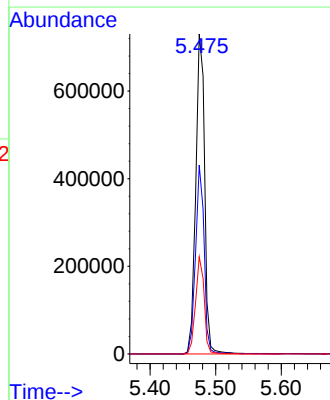
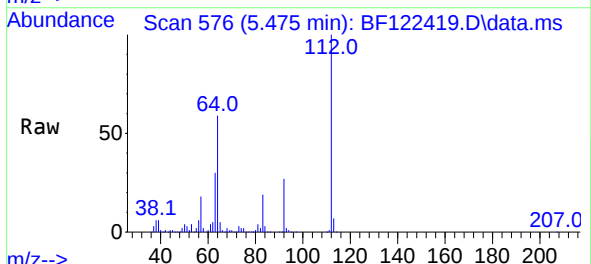
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BNA_F
ClientSampleId :
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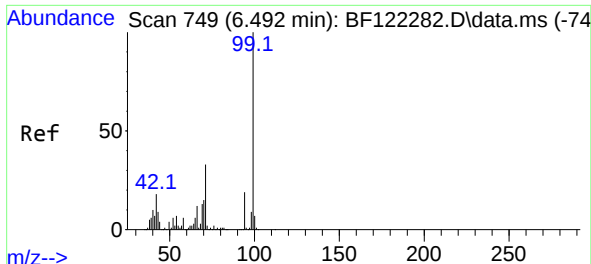
Tgt Ion:152 Resp: 213527
Ion Ratio Lower Upper
152 100
150 152.8 125.3 187.9
115 58.5 51.9 77.9



#5
2-Fluorophenol
Concen: 49.79 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.018 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

Tgt Ion:112 Resp: 692318
Ion Ratio Lower Upper
112 100
64 59.0 50.4 75.6
63 30.4 25.8 38.6

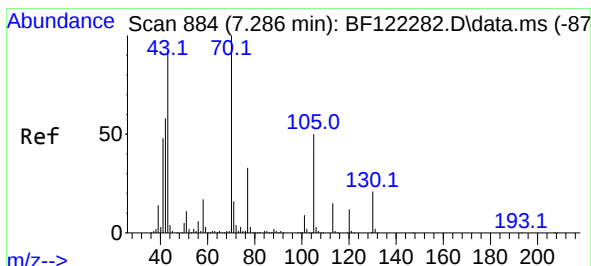
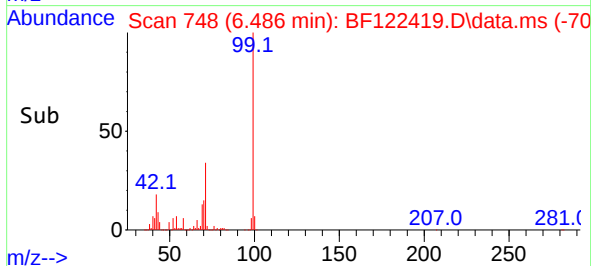
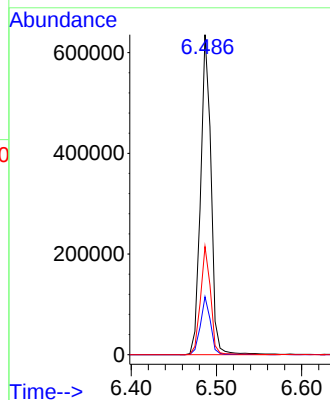
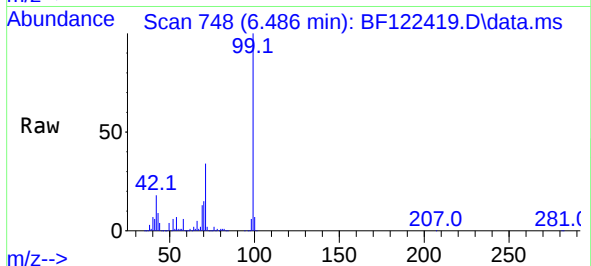




#7
Phenol-d6
Concen: 29.78 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.024 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

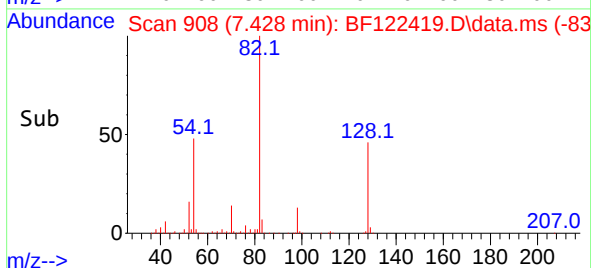
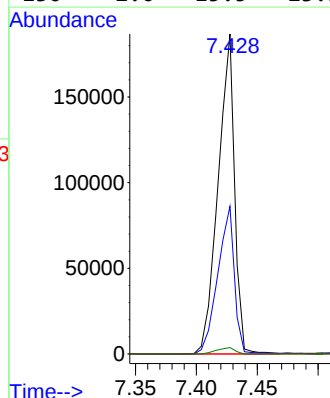
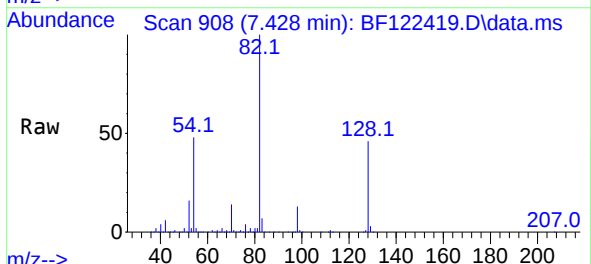
Instrument :
BNA_F
ClientSampleId :
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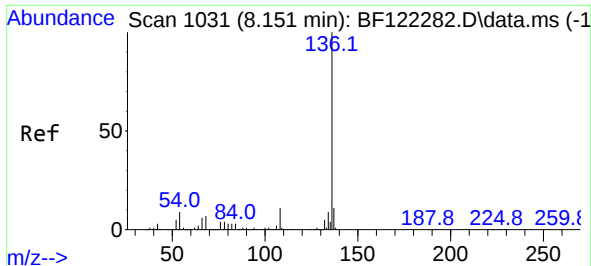
Tgt Ion: 99 Resp: 541796
Ion Ratio Lower Upper
99 100
42 18.1 15.9 23.9
71 33.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.23 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

Tgt Ion: 70 Resp: 176410
Ion Ratio Lower Upper
70 100
42 46.1 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



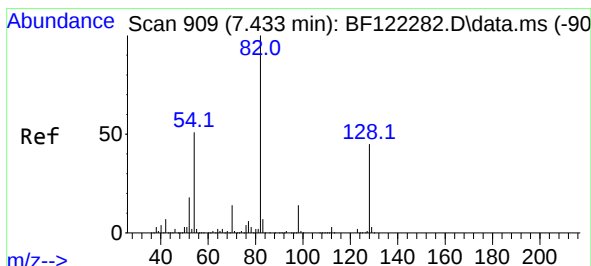
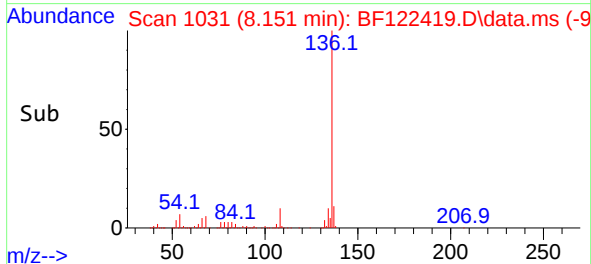
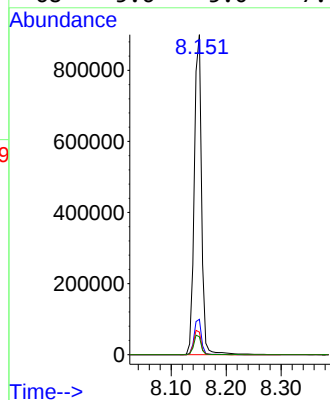
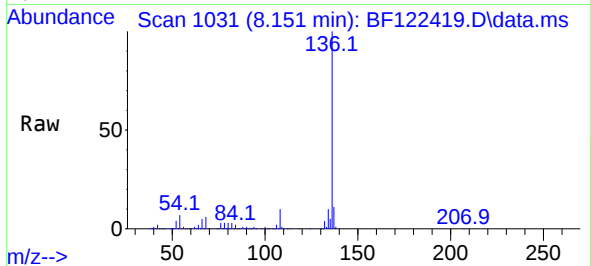


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion:136 Resp: 825177

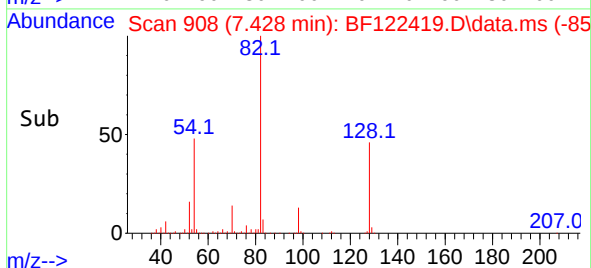
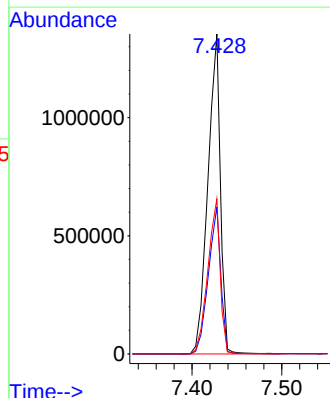
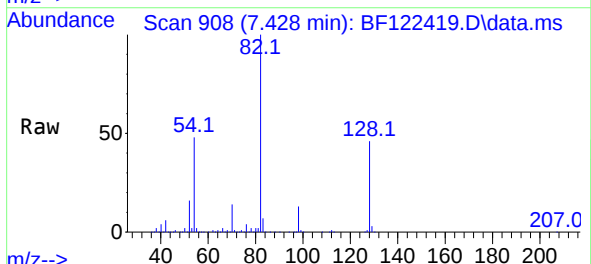
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.0	7.1	10.7#
68	5.6	5.0	7.4

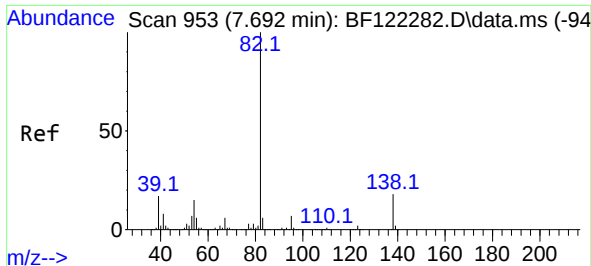


#23
Nitrobenzene-d5
Concen: 97.34 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

Tgt Ion: 82 Resp: 1312034

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.0	52.4
54	48.5	43.9	65.9

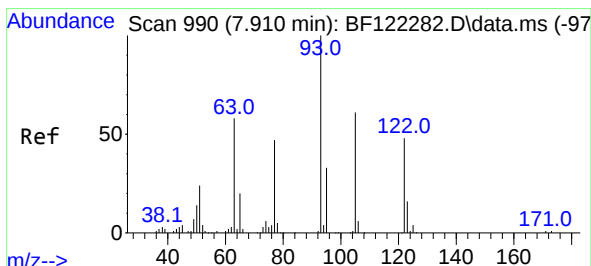
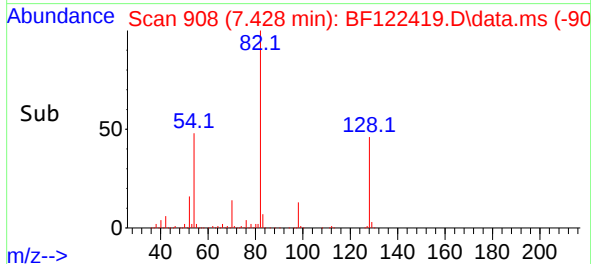
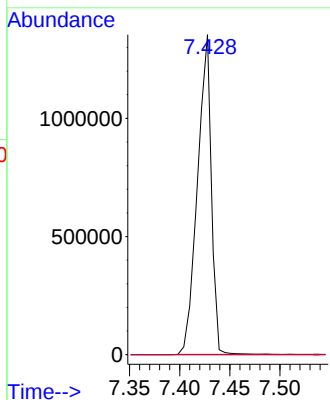
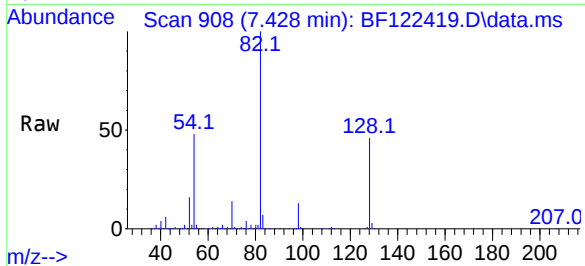




#25
Isophorone
Concen: 43.37 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

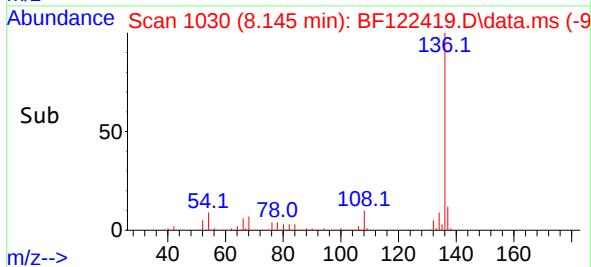
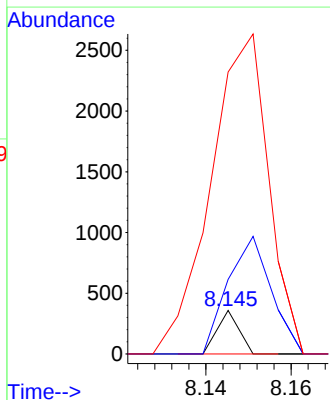
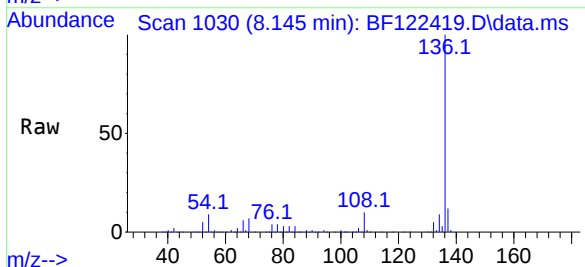
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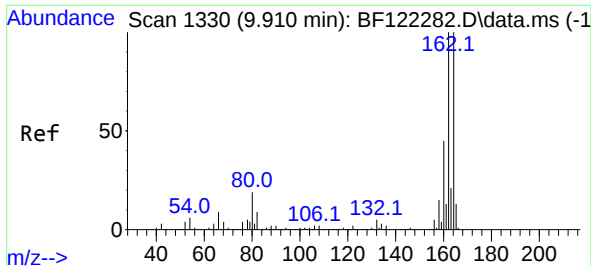
Tgt Ion: 82 Resp: 1303386
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.97 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.206 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

Tgt Ion: 122 Resp: 126
Ion Ratio Lower Upper
122 100
105 171.5 103.3 143.3#
77 648.6 73.9 113.9#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF122419.D

Acq: 20 Nov 2020 23:28

Tgt Ion:164 Resp: 446361

Ion Ratio Lower Upper

164 100

162 102.6 83.2 124.8

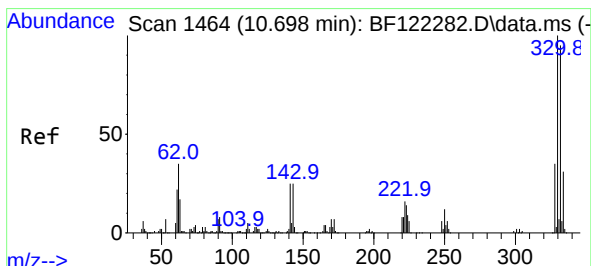
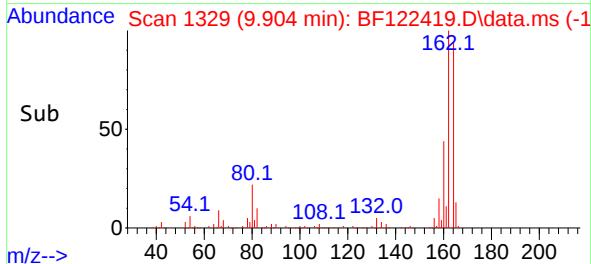
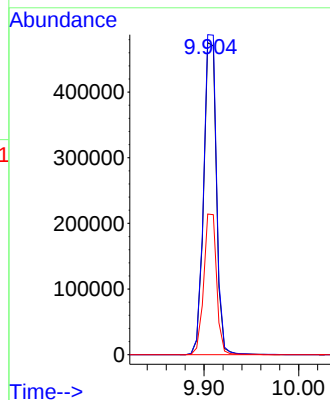
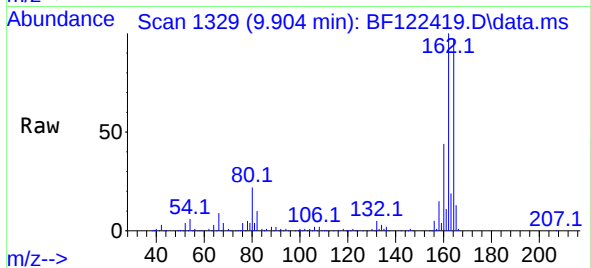
160 45.1 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK



#42

2,4,6-Tribromophenol

Concen: 143.83 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF122419.D

Acq: 20 Nov 2020 23:28

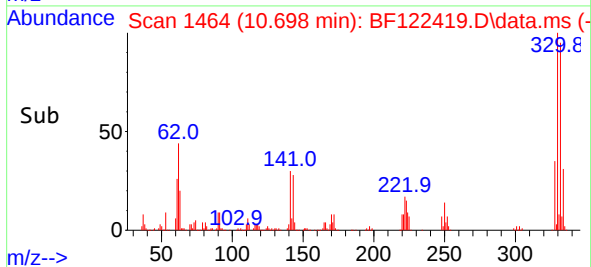
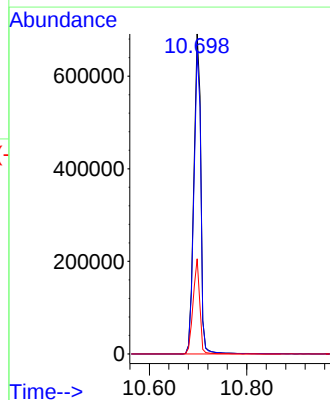
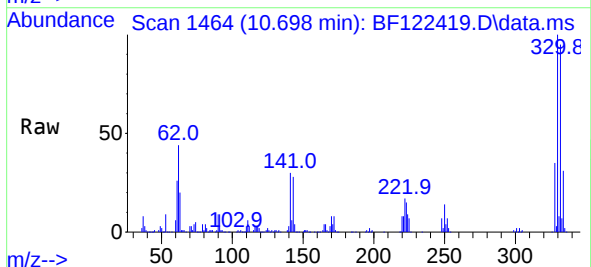
Tgt Ion:330 Resp: 689038

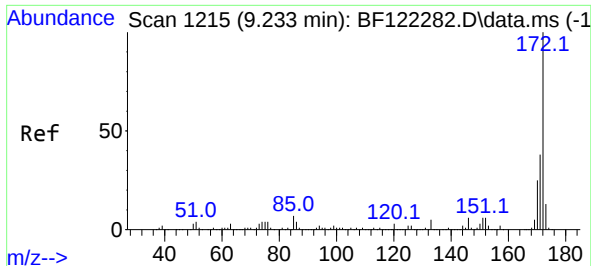
Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

141 28.4 22.3 33.5

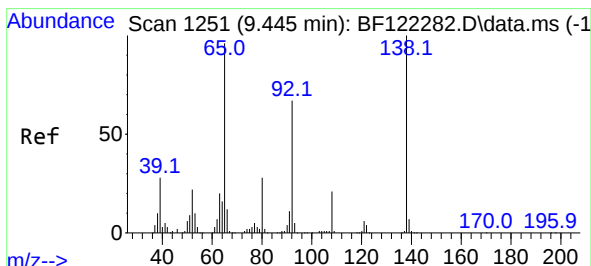
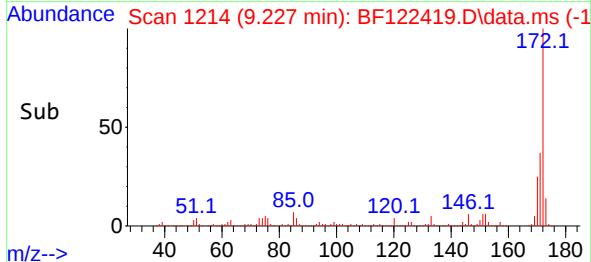
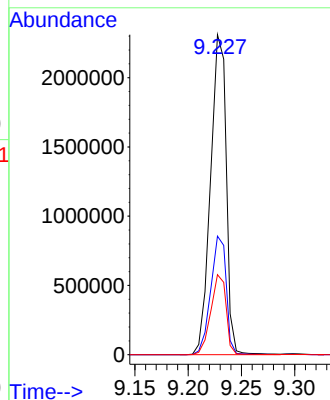
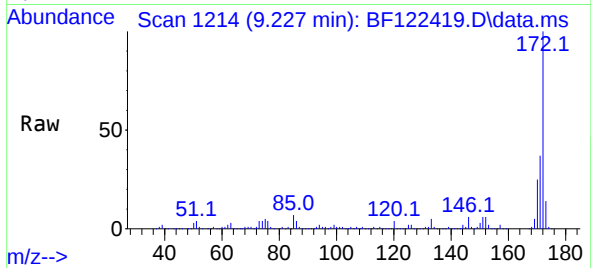




#45
2-Fluorobiphenyl
Concen: 83.08 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

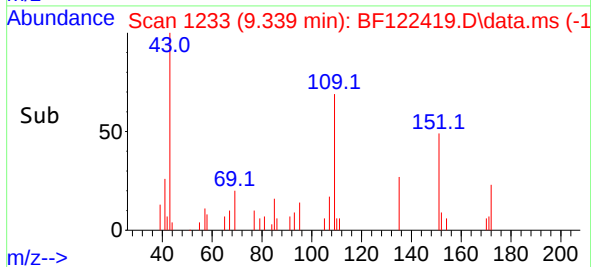
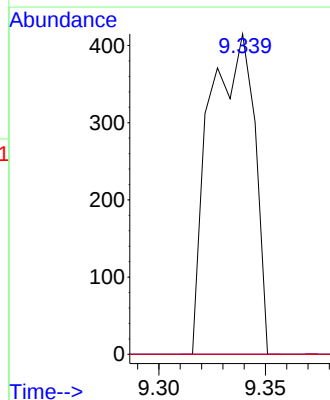
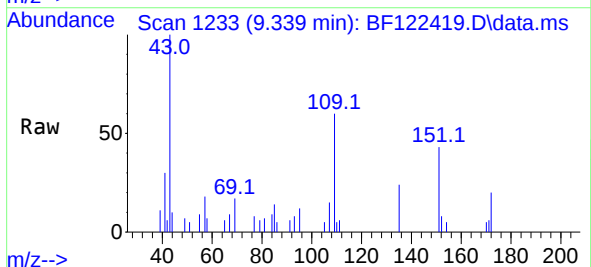
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ClientSampleId :
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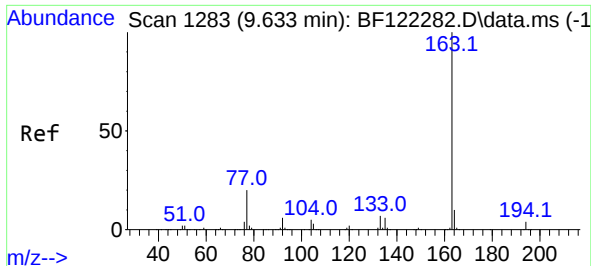
Tgt Ion:172 Resp: 2373395
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 25.0 19.8 29.6



#48
2-Nitroaniline
Concen: 5.23 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.118 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

Tgt Ion: 65 Resp: 610
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

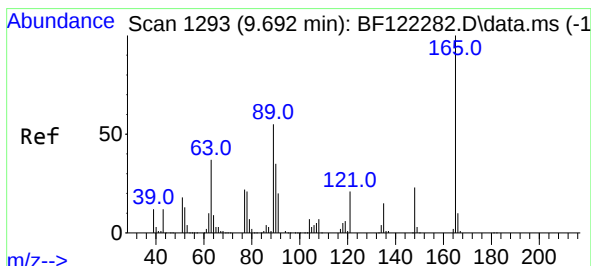
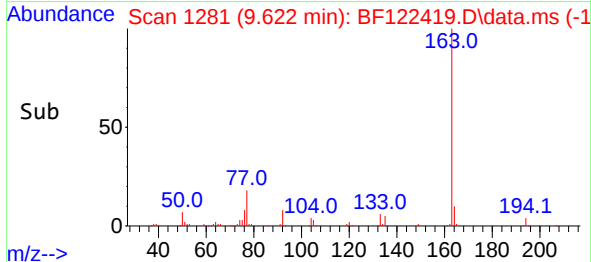
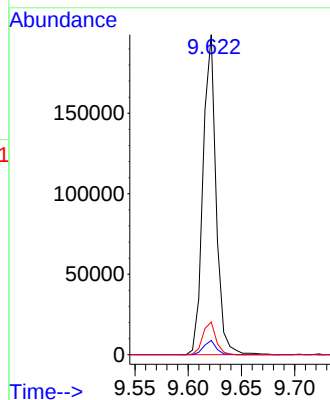
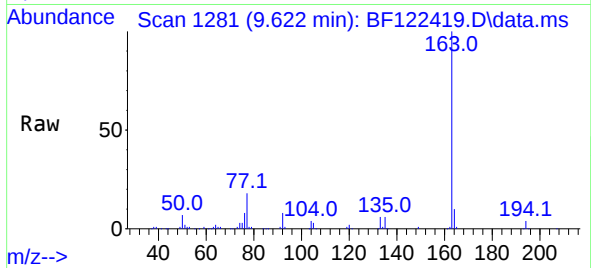




#50
Dimethylphthalate
Concen: 5.38 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

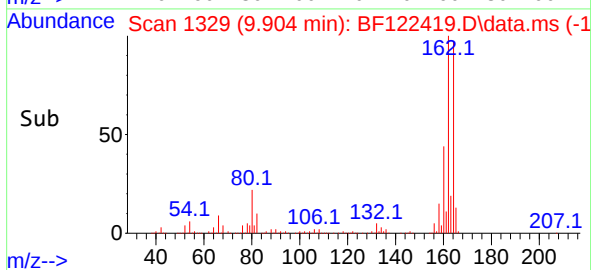
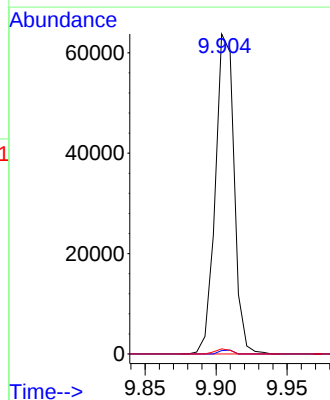
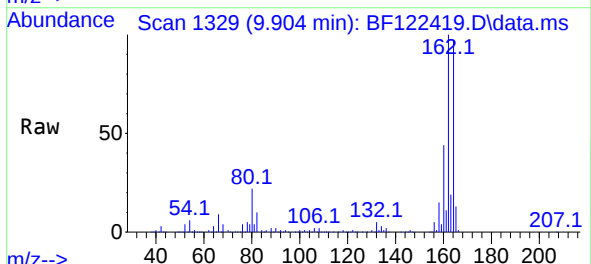
Instrument :
BNA_F
ClientSampleId :
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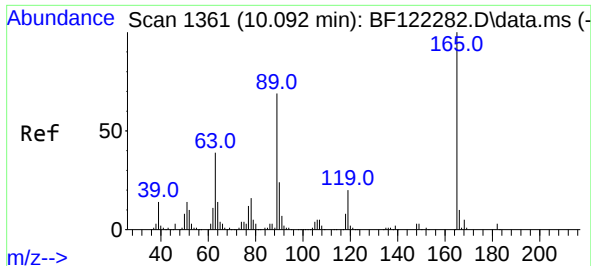
Tgt Ion:163 Resp: 170829
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.2 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 11.43 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

Tgt Ion:165 Resp: 58448
Ion Ratio Lower Upper
165 100
63 1.0 51.8 77.6#
89 1.6 49.0 73.6#

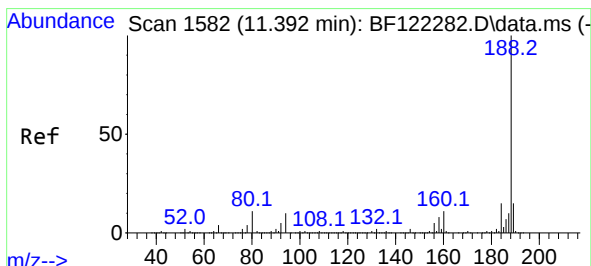
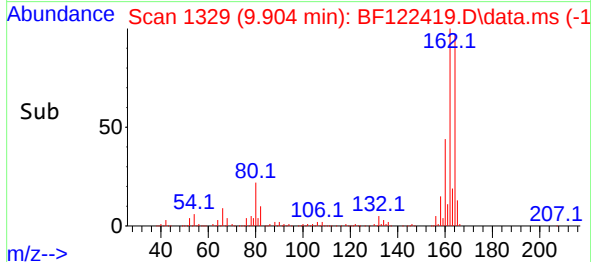
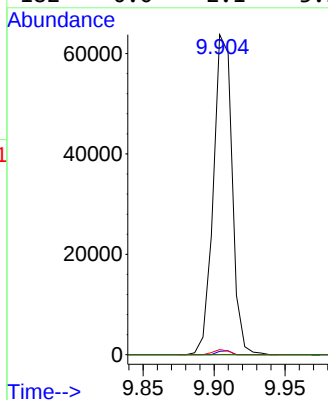
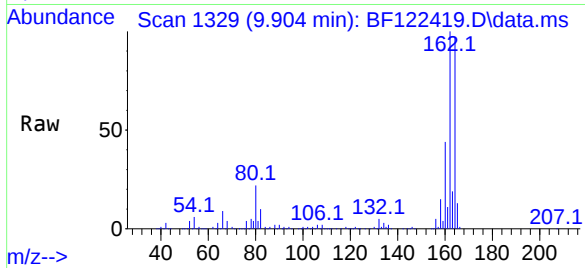




#57
2,4-Dinitrotoluene
Concen: 10.64 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

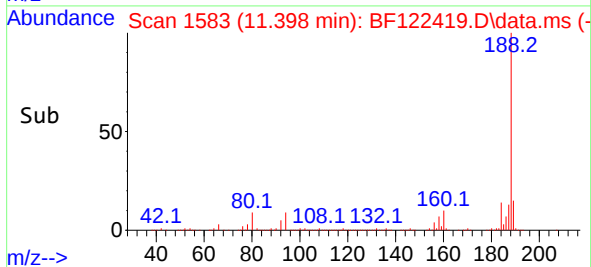
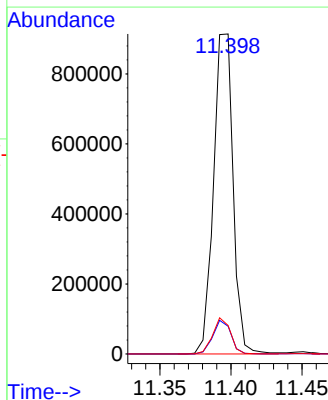
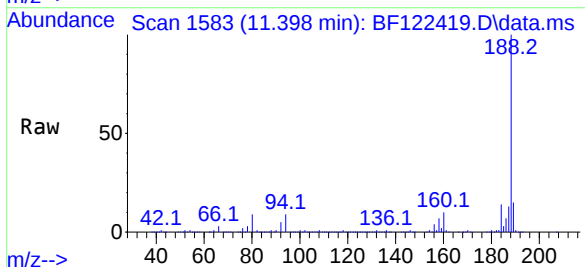
Instrument :
BNA_F
ClientSampleId :
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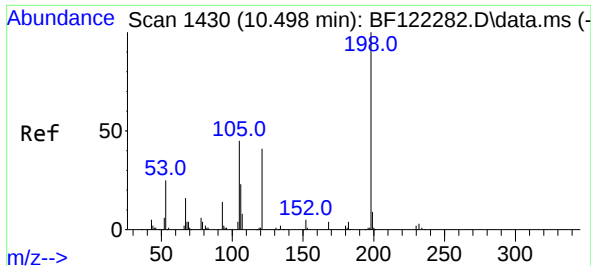
Tgt Ion:	165	Resp:	58448
Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.3	61.9#
89	1.6	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

Tgt Ion:	188	Resp:	873399
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.3	12.5
80	8.9	9.1	13.7#

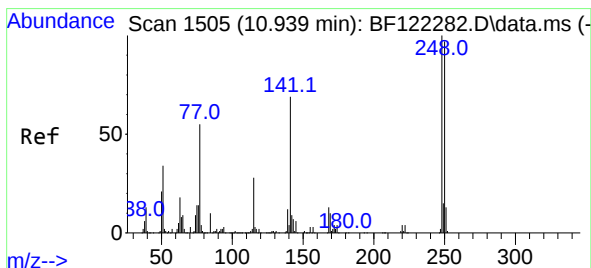
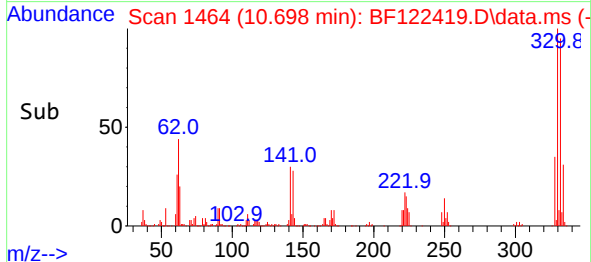
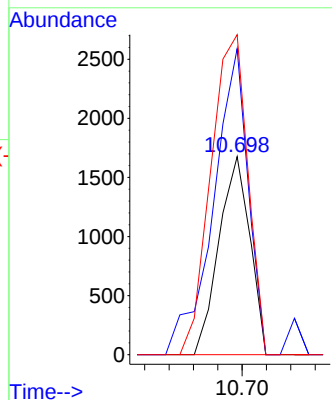
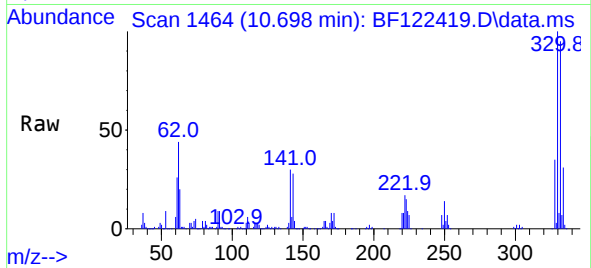




#65
4,6-Dinitro-2-methylphenol
Concen: 6.64 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

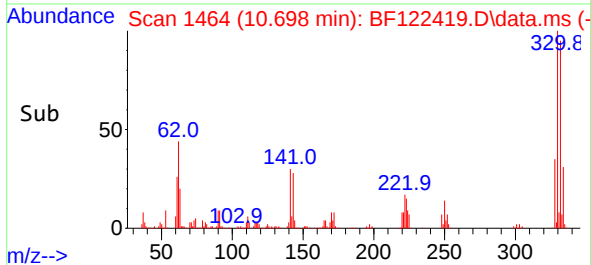
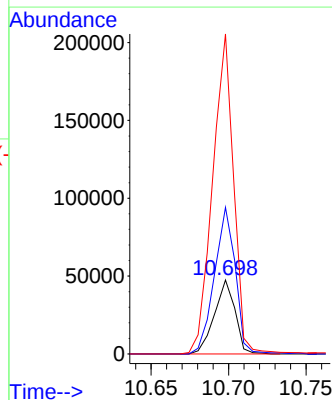
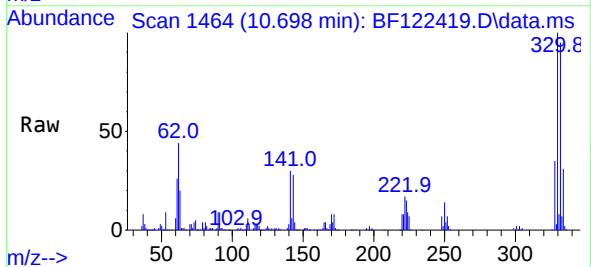
Instrument :
BNA_F
ClientSampleId :
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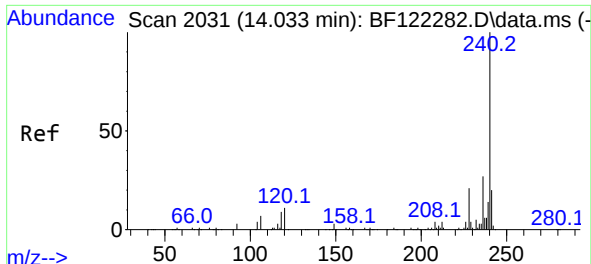
Tgt Ion:198 Resp: 1476
Ion Ratio Lower Upper
198 100
51 154.5 29.6 69.6#
105 161.6 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

Tgt Ion:248 Resp: 44004
Ion Ratio Lower Upper
248 100
250 198.4 77.0 115.6#
141 433.0 53.7 80.5#

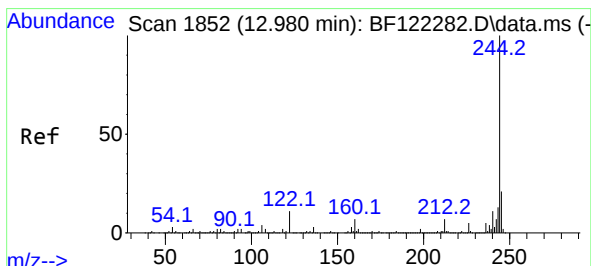
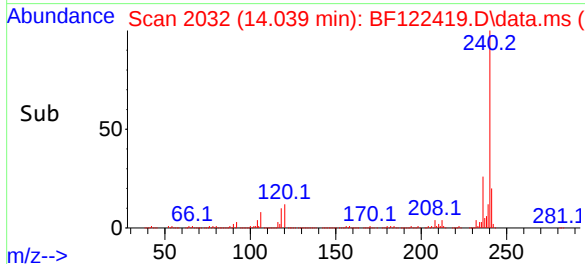
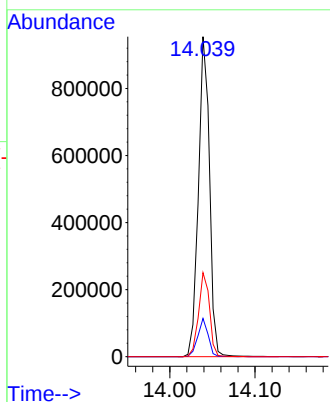
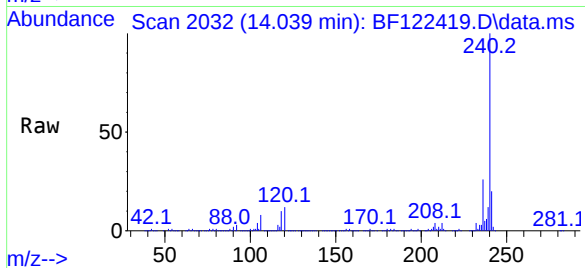




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

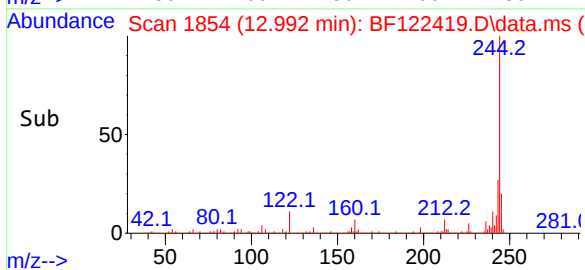
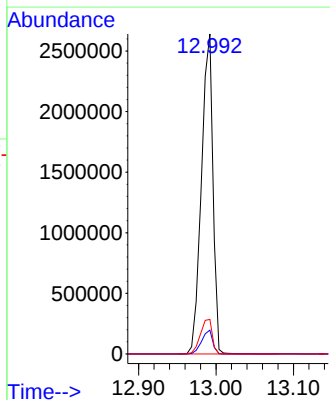
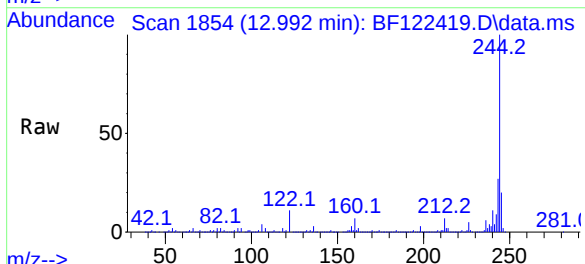
Instrument :
BNA_F
ClientSampleId :
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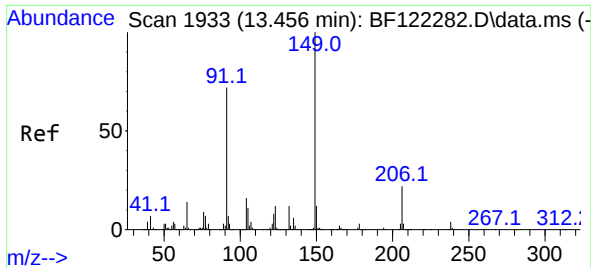
Tgt Ion:240 Resp: 861719
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.3 20.9 31.3



#79
Terphenyl-d14
Concen: 66.96 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

Tgt Ion:244 Resp: 2723637
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 10.8 8.1 12.1

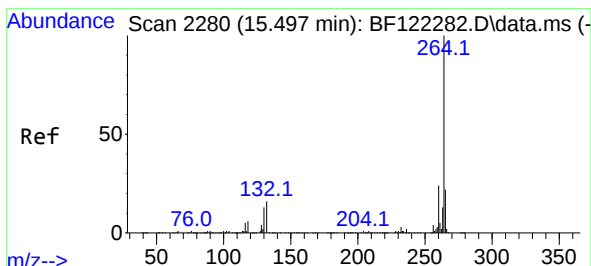
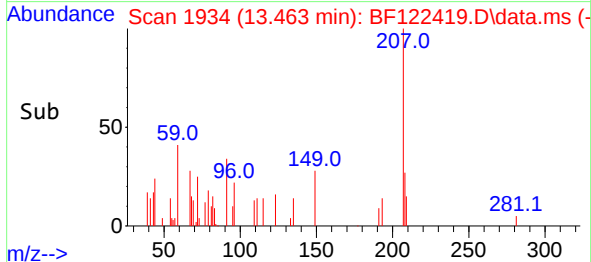
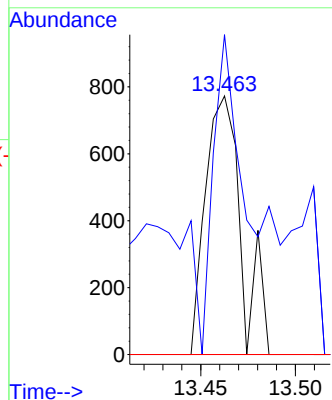
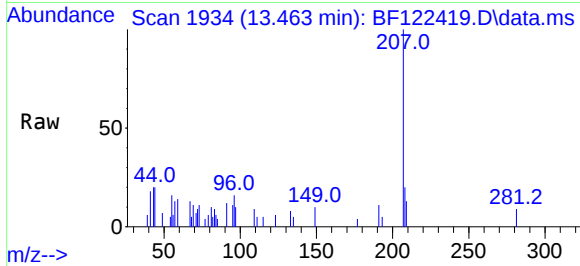




#80
Butylbenzylphthalate
Concen: 3.33 ng
RT: 13.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion:149 Resp: 1012
Ion Ratio Lower Upper
149 100
91 123.7 61.0 91.4#
206 0.0 16.7 25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122419.D
Acq: 20 Nov 2020 23:28

Tgt Ion:264 Resp: 892354
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.8 17.3 25.9

