

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
 Data File : BF122745.D
 Acq On : 16 Dec 2020 12:34
 Operator : JU/CG
 Sample : L5043-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Dec 16 13:08:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

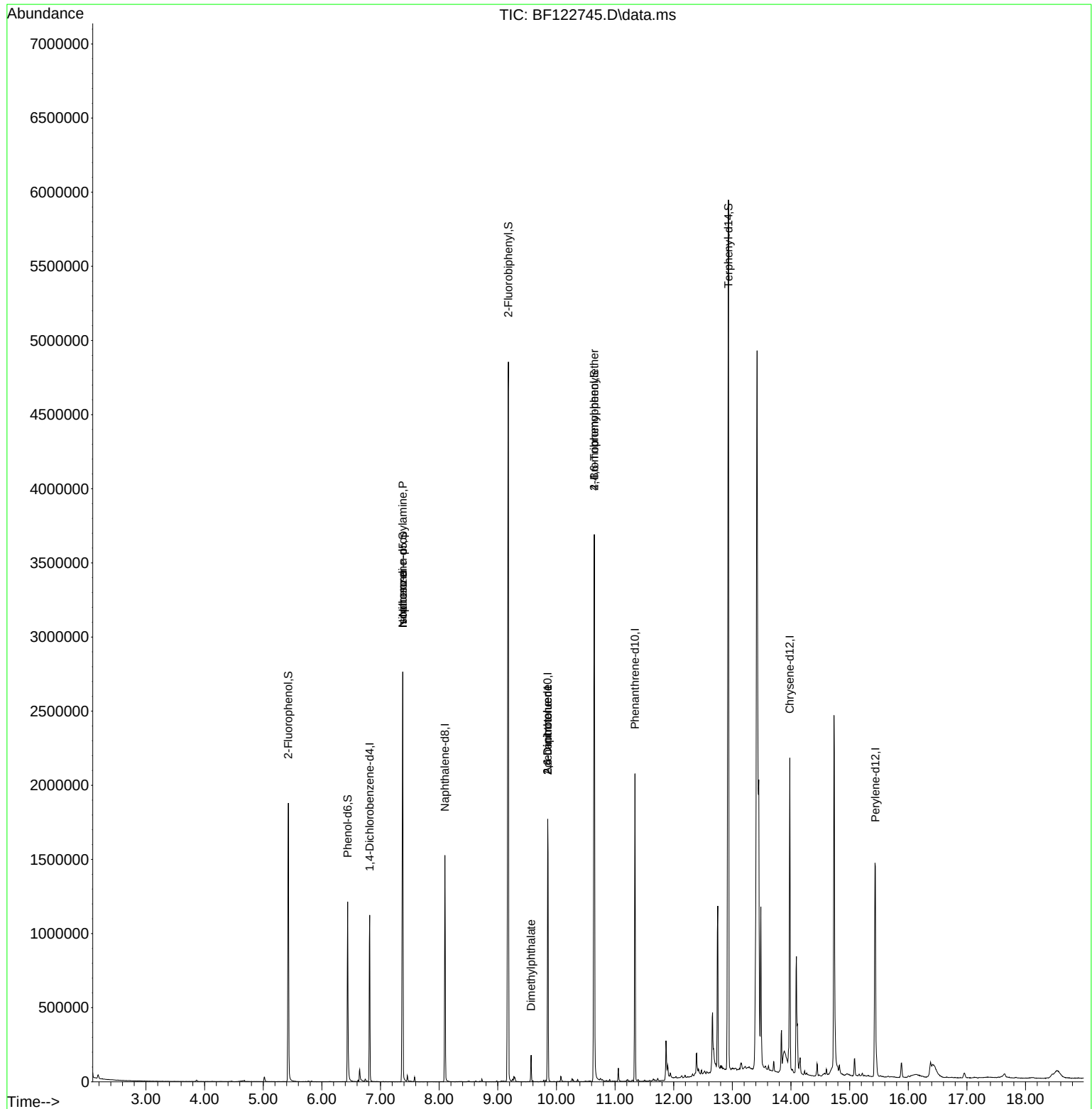
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	170300	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	675360	20.00	ng	-0.01
39) Acenaphthene-d10	9.851	164	371986	20.00	ng	-0.01
64) Phenanthrene-d10	11.339	188	723720	20.00	ng	0.00
76) Chrysene-d12	13.980	240	703394	20.00	ng	0.00
86) Perylene-d12	15.439	264	729741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	523036	48.62	ng	0.00
7) Phenol-d6	6.439	99	396617	27.80	ng	-0.02
23) Nitrobenzene-d5	7.381	82	977623	72.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	567311	116.51	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1789703	65.08	ng	0.00
79) Terphenyl-d14	12.933	244	2262408	56.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	129959	15.90	ng	Qvalue # 76
25) Isophorone	7.381	82	977614	42.11	ng	# 65
50) Dimethylphthalate	9.569	163	69126	2.33	ng	99
51) 2,6-Dinitrotoluene	9.851	165	47241	7.53	ng	# 31
57) 2,4-Dinitrotoluene	9.851	165	47241	5.65	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	34416	3.51	ng	# 1

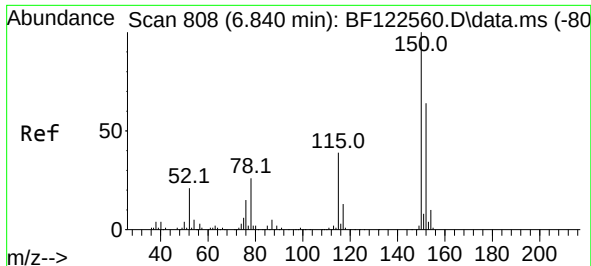
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122745.D
Acq On : 16 Dec 2020 12:34
Operator : JU/CG
Sample : L5043-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Dec 16 13:08:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

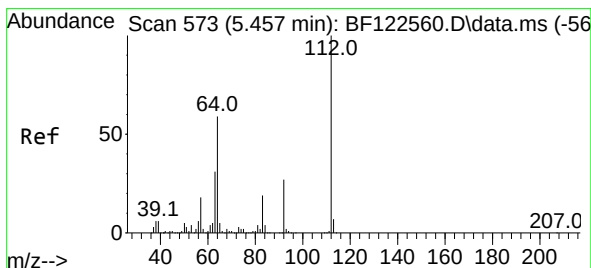
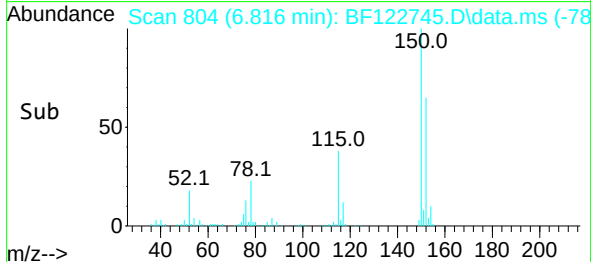
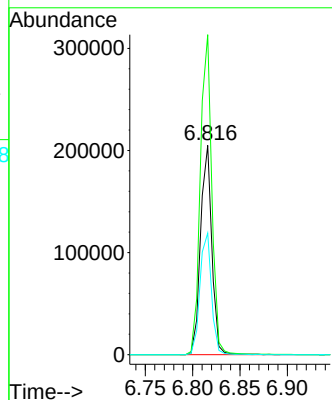
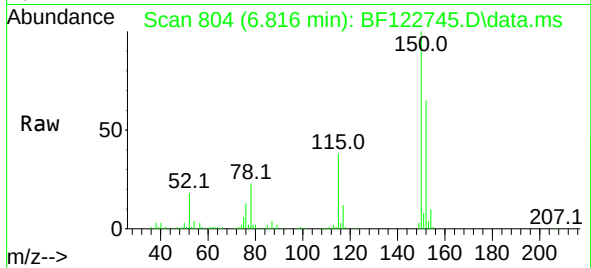




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

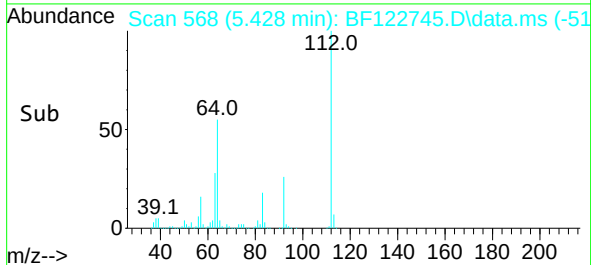
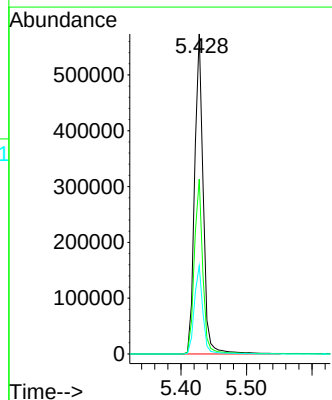
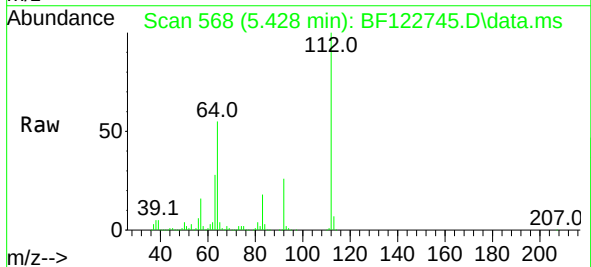
Instrument :
BNA_F
ClientSampleId :
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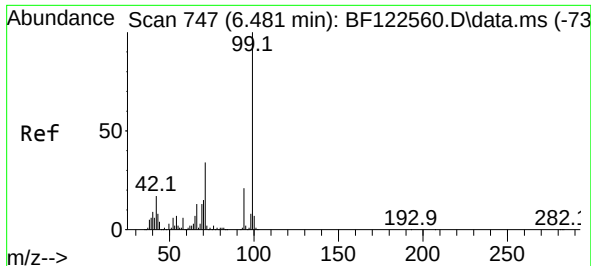
Tgt Ion:152 Resp: 170300
Ion Ratio Lower Upper
152 100
150 152.9 125.8 188.6
115 58.1 49.3 73.9



#5
2-Fluorophenol
Concen: 48.62 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

Tgt Ion:112 Resp: 523036
Ion Ratio Lower Upper
112 100
64 54.6 46.9 70.3
63 27.6 24.5 36.7

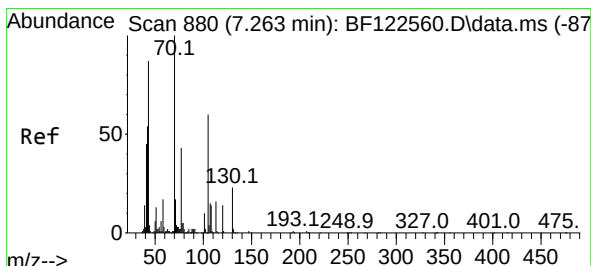
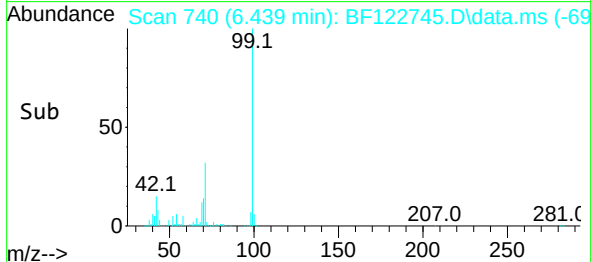
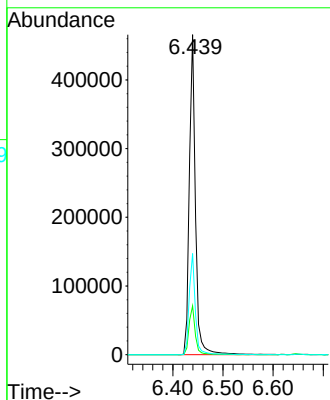
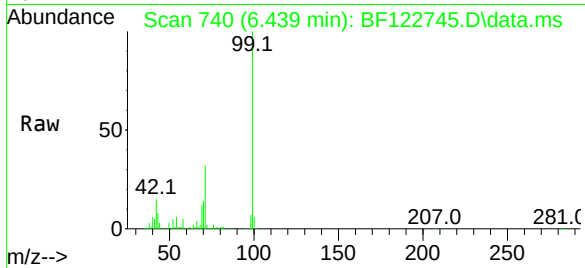




#7
Phenol-d6
Concen: 27.80 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

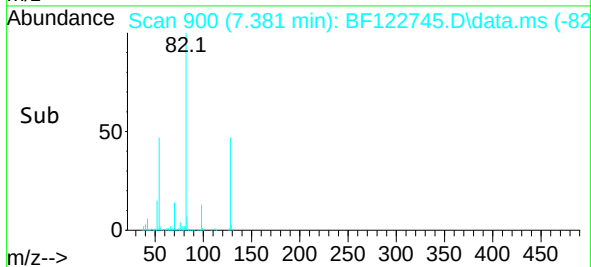
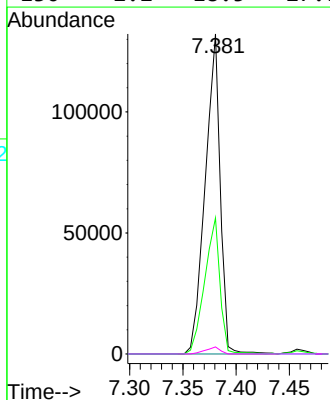
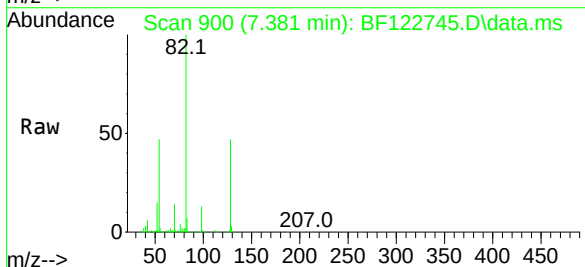
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BNA_F
ClientSampleId :
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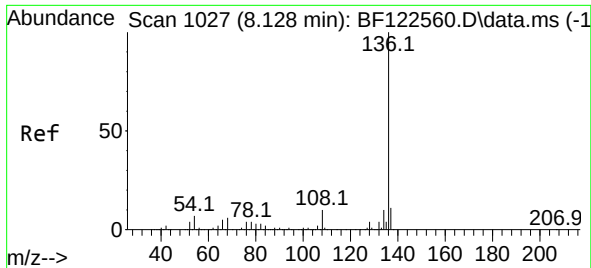
Tgt Ion: 99 Resp: 396617
Ion Ratio Lower Upper
99 100
42 15.3 13.8 20.6
71 31.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.90 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

Tgt Ion: 70 Resp: 129959
Ion Ratio Lower Upper
70 100
42 42.5 43.0 64.4#
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#

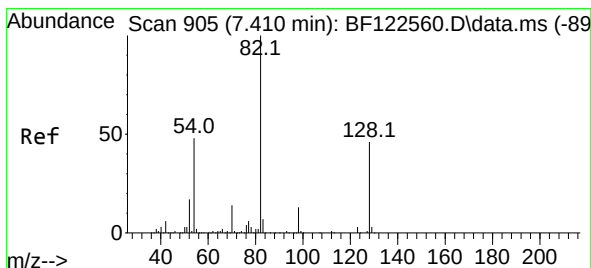
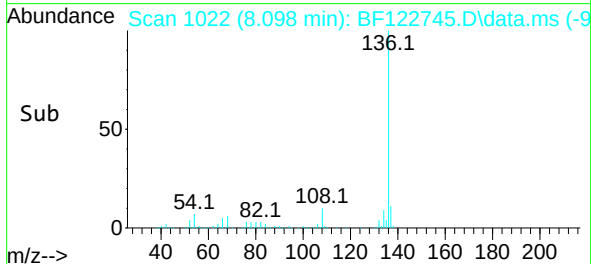
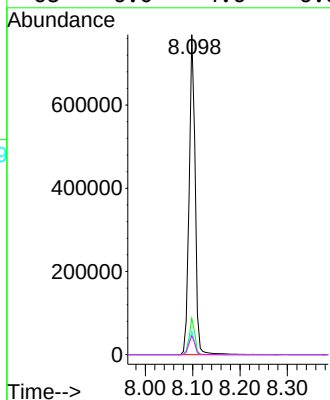
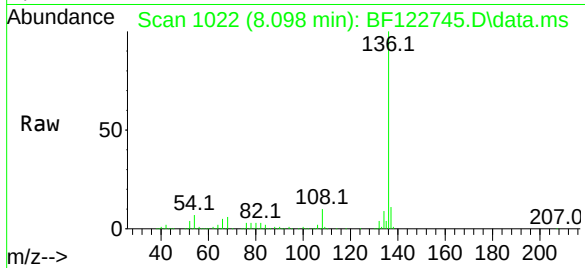




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

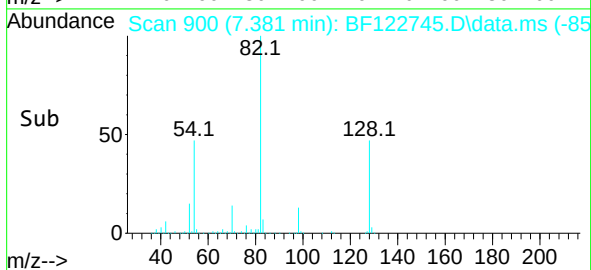
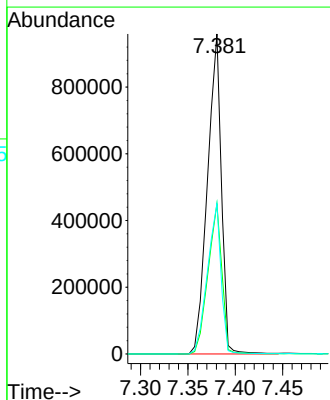
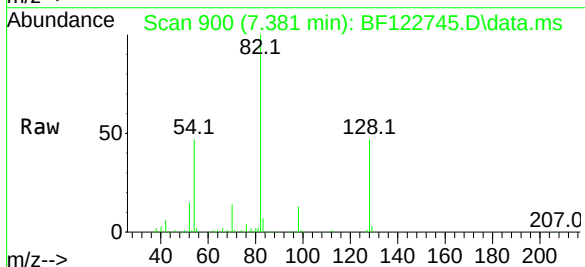
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BNA_F
ClientSampleId :
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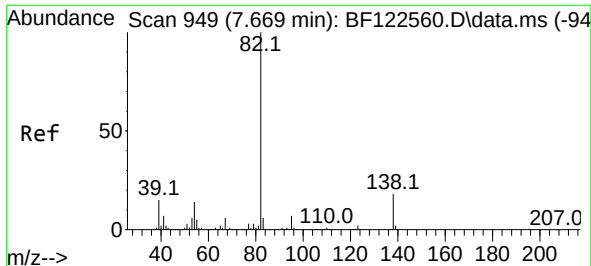
Tgt Ion:136	Resp: 675360
Ion Ratio	Lower Upper
136 100	
137 11.3	8.8 13.2
54 7.4	5.5 8.3
68 6.0	4.6 6.8



#23
Nitrobenzene-d5
Concen: 72.53 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

Tgt Ion: 82	Resp: 977623
Ion Ratio	Lower Upper
82 100	
128 46.9	37.0 55.4
54 47.0	38.4 57.6

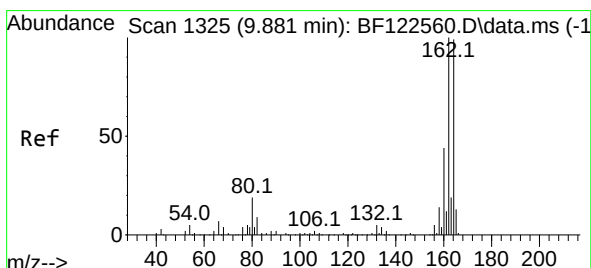
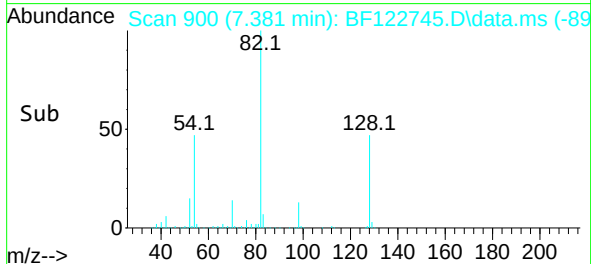
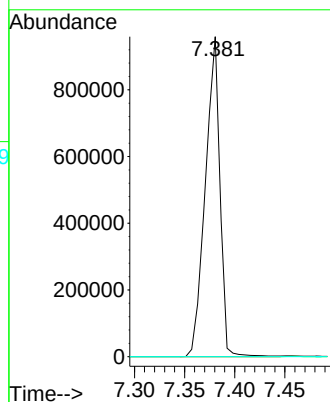
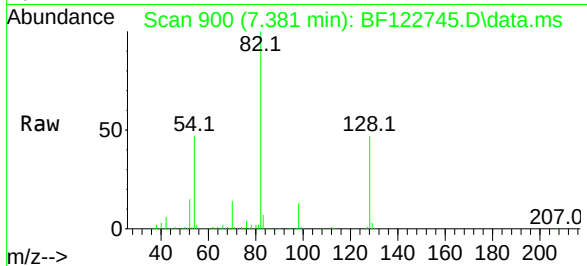




#25
Isophorone
Concen: 42.11 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

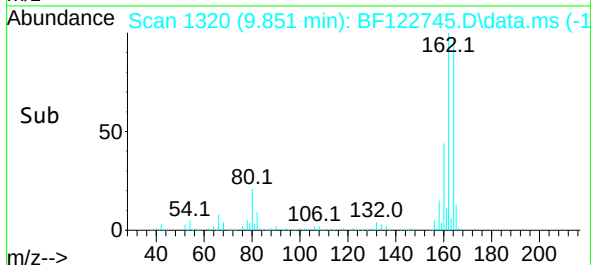
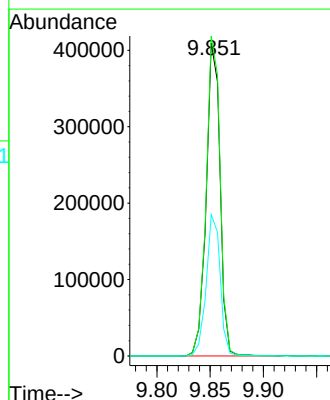
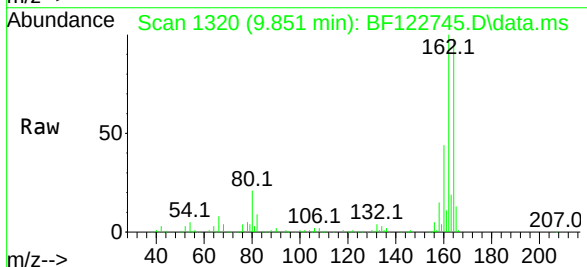
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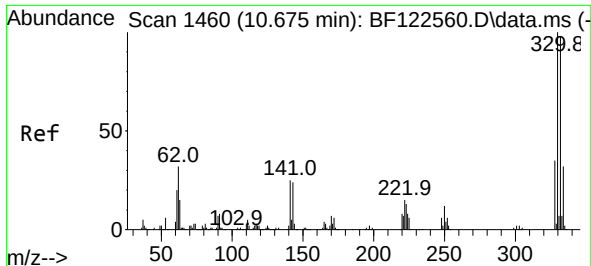
Tgt Ion: 82 Resp: 977614
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

Tgt Ion:164 Resp: 371986
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 45.2 35.4 53.0

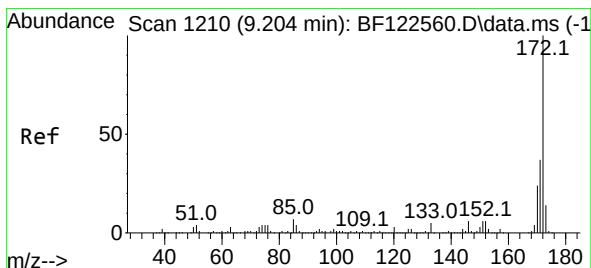
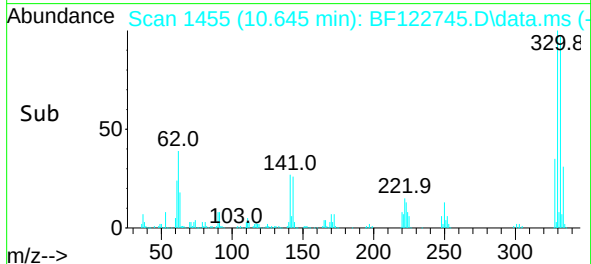
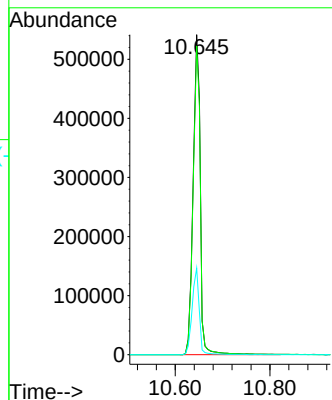
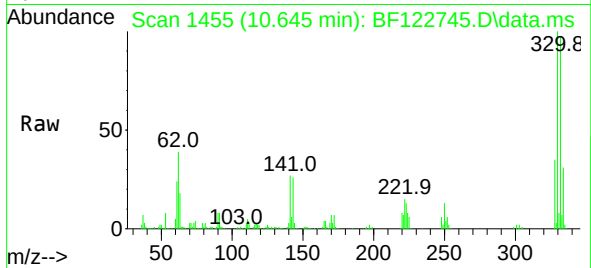




#42
2,4,6-Tribromophenol
Concen: 116.51 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

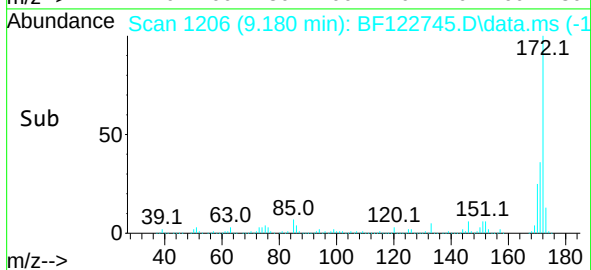
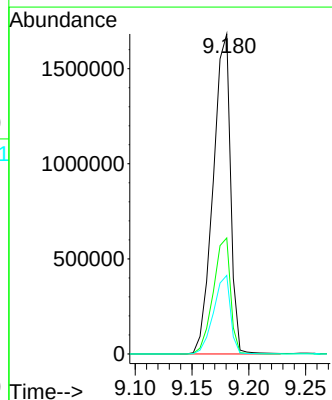
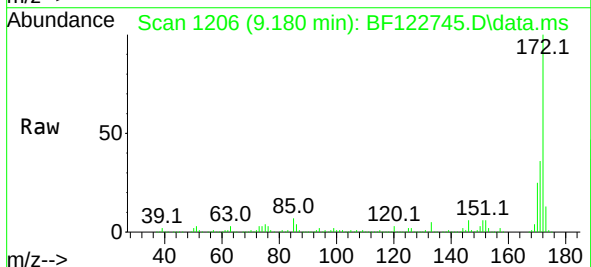
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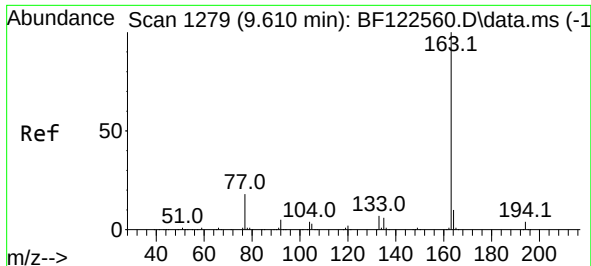
Tgt Ion: 330 Resp: 567311
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 26.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 65.08 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

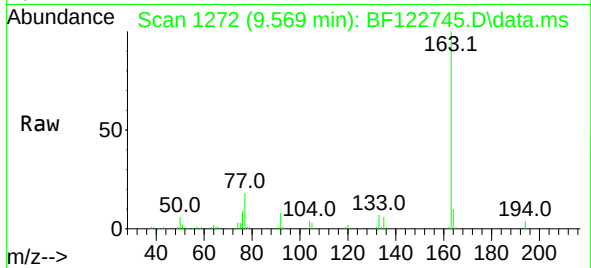
Tgt Ion: 172 Resp: 1789703
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.5 19.5 29.3



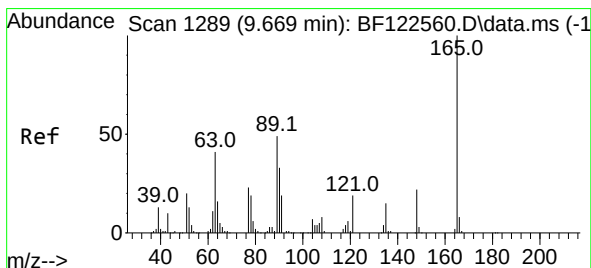
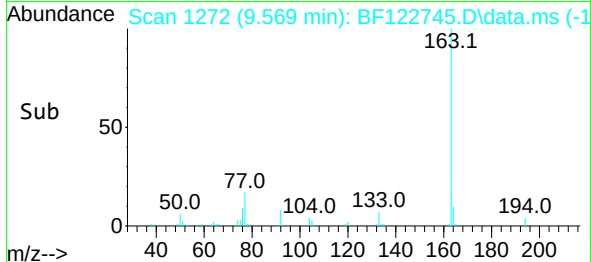
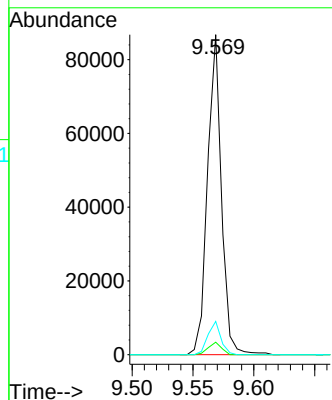


#50
Dimethylphthalate
Concen: 2.33 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

Instrument :
BNA_F
ClientSampleId :
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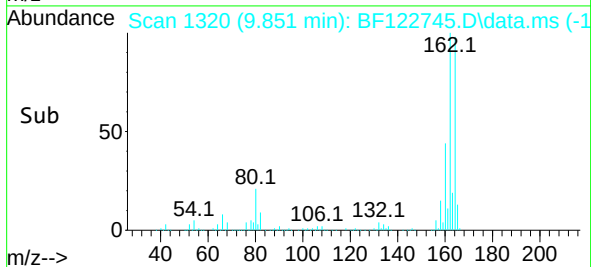
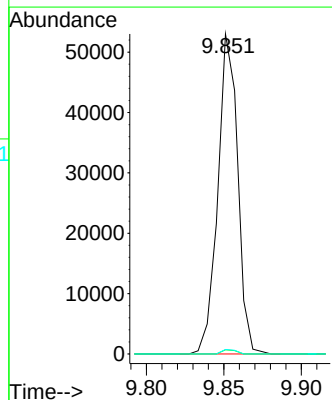
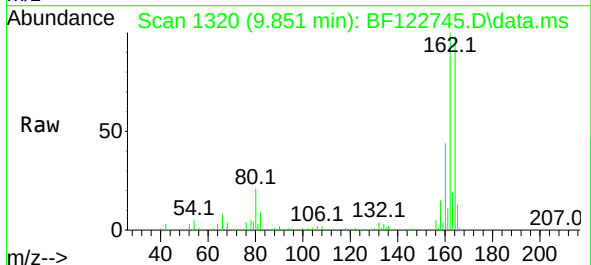


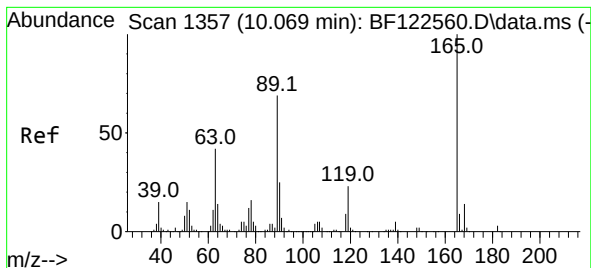
Tgt Ion:163 Resp: 69126
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.4 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.53 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.206 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

Tgt Ion:165 Resp: 47241
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.4 39.4 59.0#

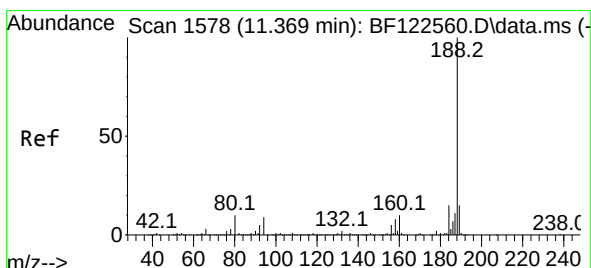
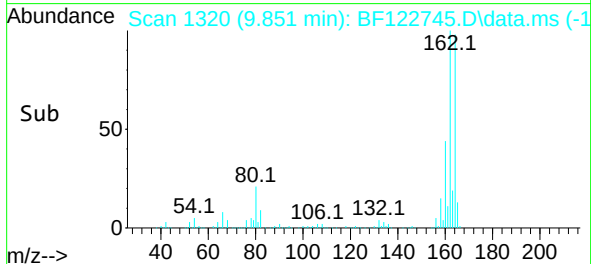
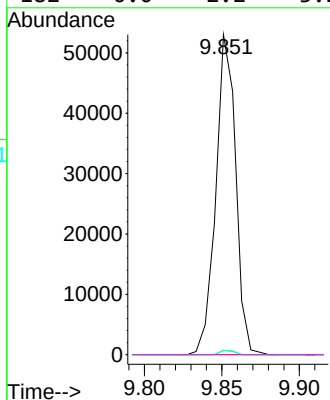
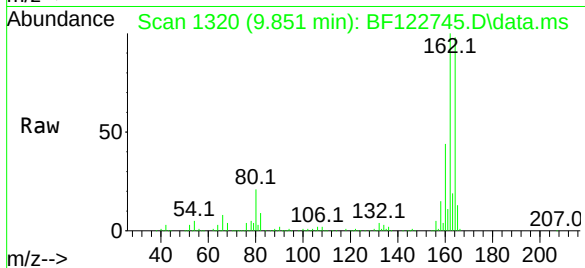




#57
2,4-Dinitrotoluene
Concen: 5.65 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.200 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

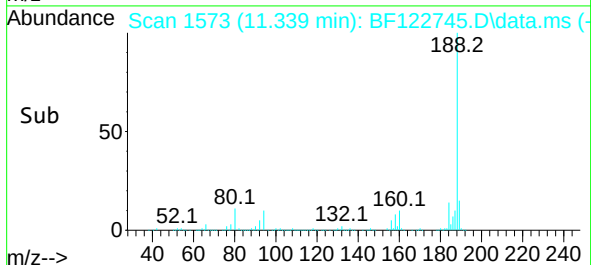
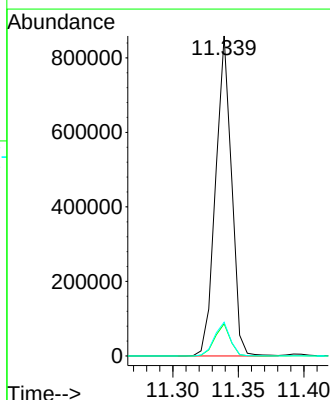
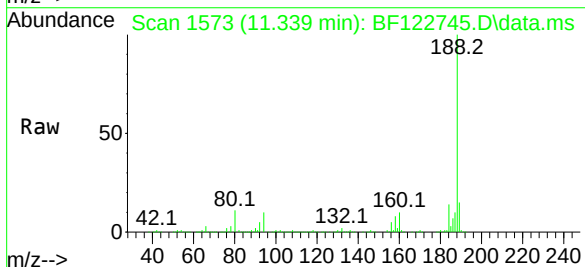
Instrument :
BNA_F
ClientSampleId :
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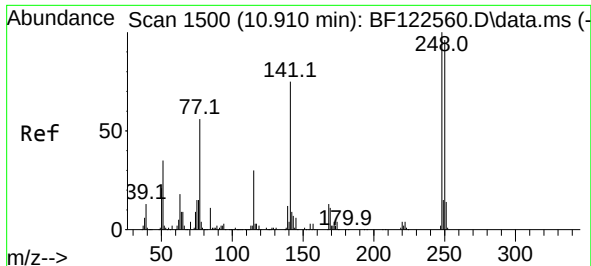
Tgt Ion:165	Resp:	47241
Ion	Ratio	Lower Upper
165	100	
63	1.3	34.3 51.5#
89	1.4	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

Tgt Ion:188	Resp:	723720
Ion	Ratio	Lower Upper
188	100	
94	10.0	7.4 11.2
80	10.6	8.2 12.4

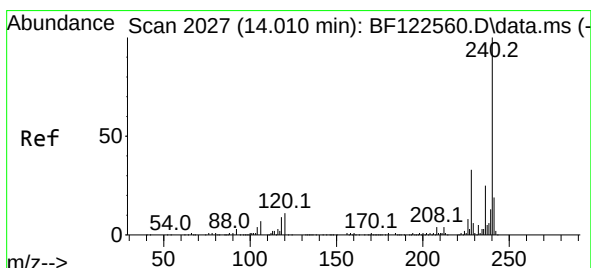
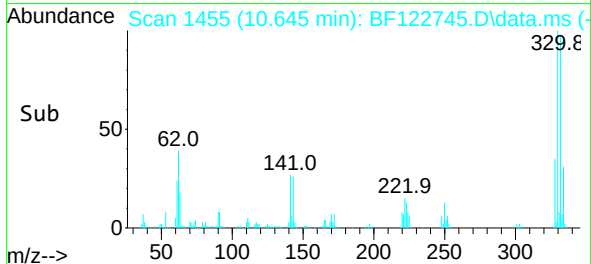
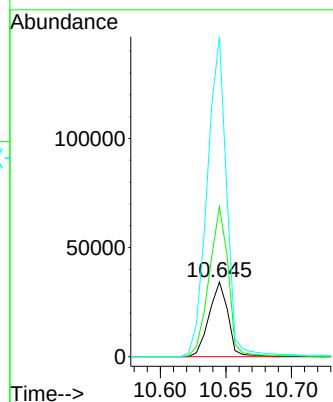
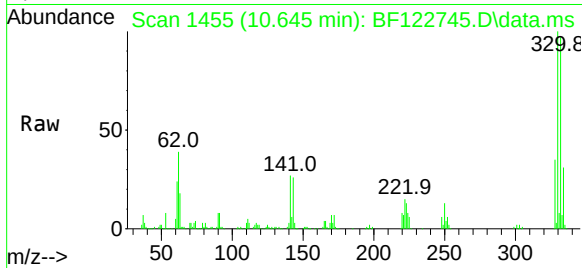




#67
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

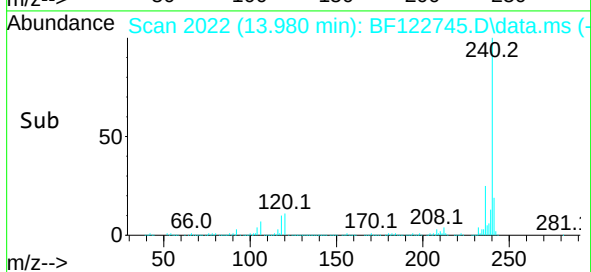
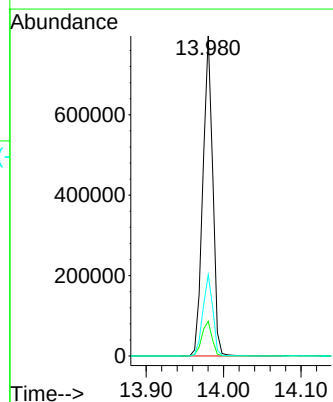
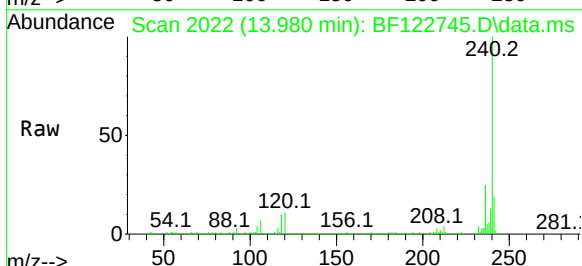
Instrument :
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ClientSampleId :
FIELD-BLANK

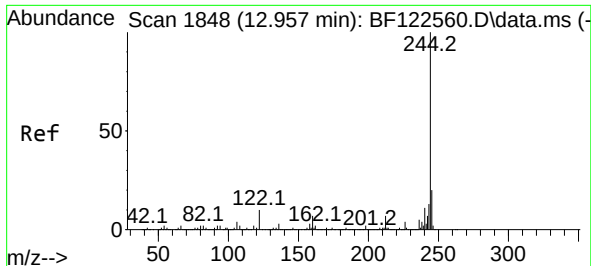
Tgt Ion:248 Resp: 34416
Ion Ratio Lower Upper
248 100
250 200.6 76.8 115.2#
141 428.2 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122745.D
Acq: 16 Dec 2020 12:34

Tgt Ion:240 Resp: 703394
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.4 20.3 30.5



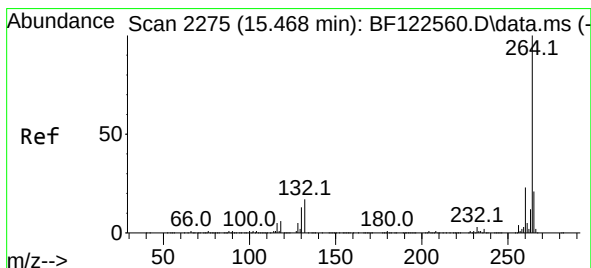
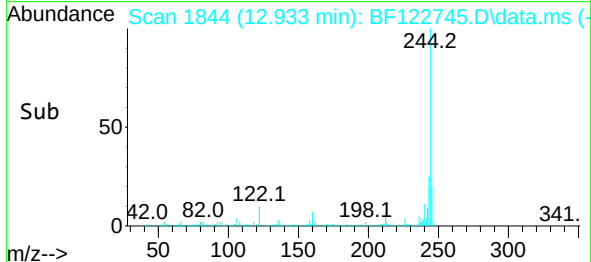
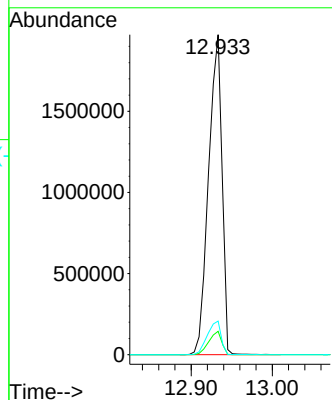
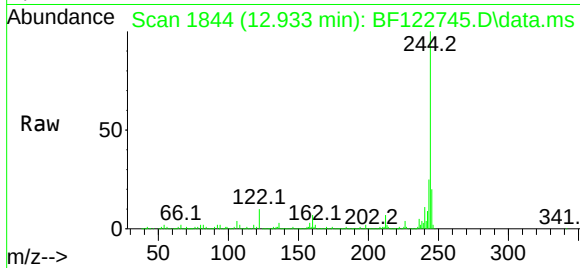


#79
 Terphenyl-d14
 Concen: 56.30 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF122745.D
 Acq: 16 Dec 2020 12:34

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:244 Resp: 2262408

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	10.5	8.3	12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF122745.D
 Acq: 16 Dec 2020 12:34

Tgt Ion:264 Resp: 729741

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.0	17.0	25.6

