

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
 Data File : BF122744.D
 Acq On : 16 Dec 2020 12:03
 Operator : JU/CG
 Sample : L5009-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Dec 16 12:53:59 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)

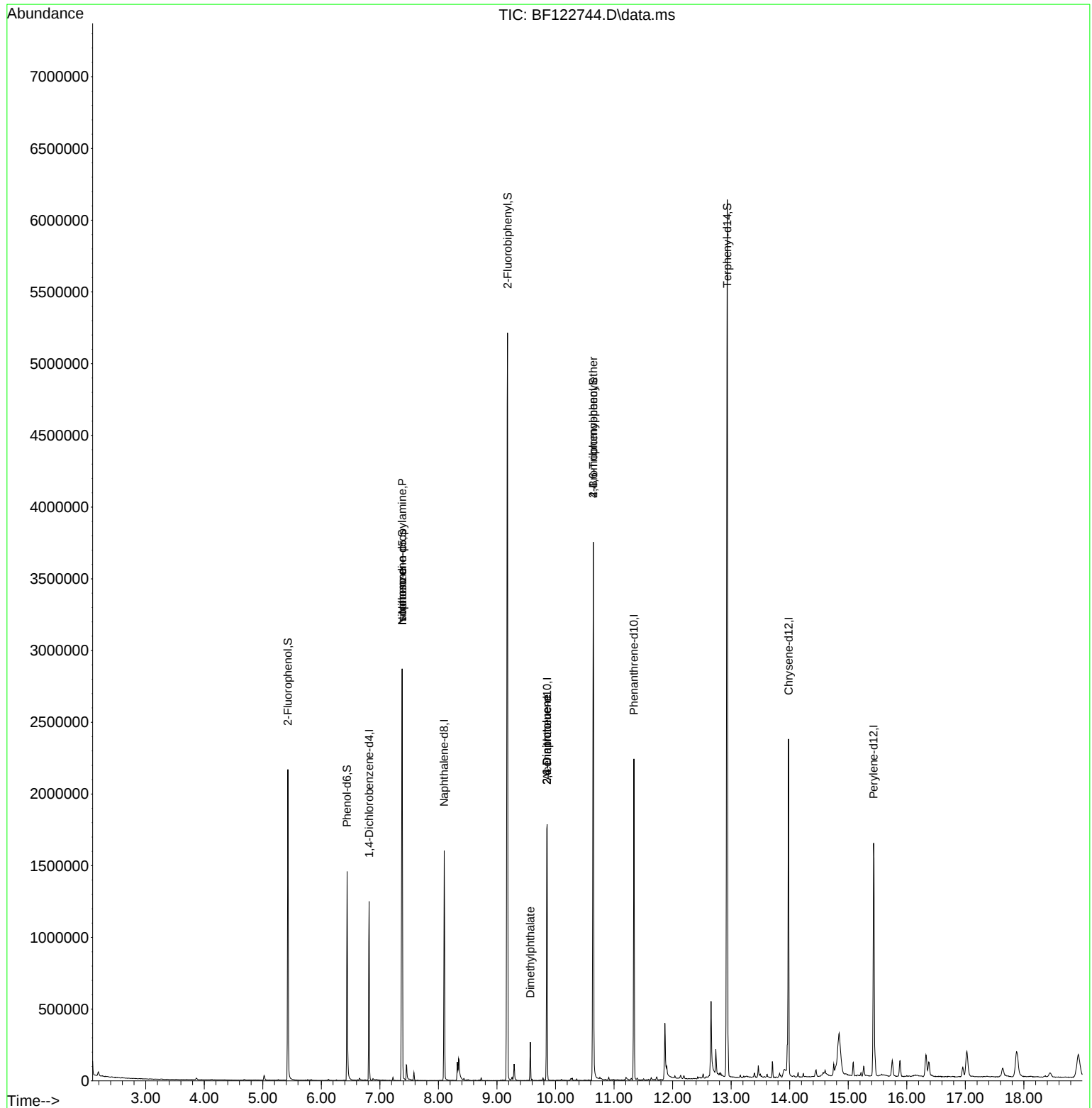
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	184025	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	725841	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	400409	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	781645	20.00	ng	0.00
76) Chrysene-d12	13.980	240	766609	20.00	ng	0.00
86) Perylene-d12	15.433	264	790594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	606133	52.15	ng	0.00
7) Phenol-d6	6.439	99	471995	30.62	ng	-0.02
23) Nitrobenzene-d5	7.380	82	1047816	72.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	600566	114.59	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1902150	64.25	ng	0.00
79) Terphenyl-d14	12.933	244	2382791	54.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.380	70	139059	15.75	ng	Qvalue
25) Isophorone	7.380	82	1047805	41.99	ng	# 77
50) Dimethylphthalate	9.569	163	102000	3.19	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	52140	7.72	ng	# 99
57) 2,4-Dinitrotoluene	9.851	165	52140	5.80	ng	# 31
67) 4-Bromophenyl-phenylether	10.645	248	36560	3.45	ng	# 25
						# 1

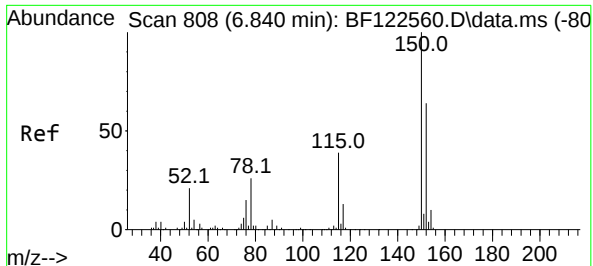
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 12:53:59 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

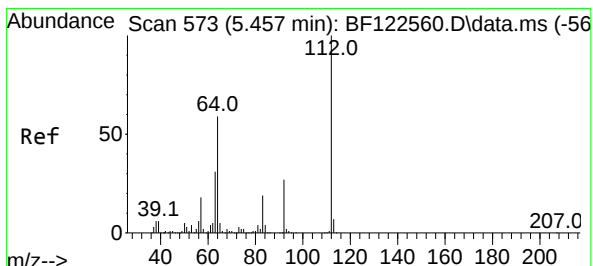
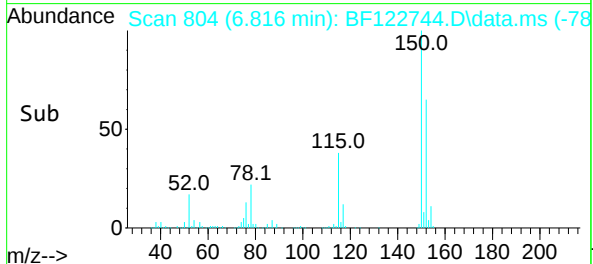
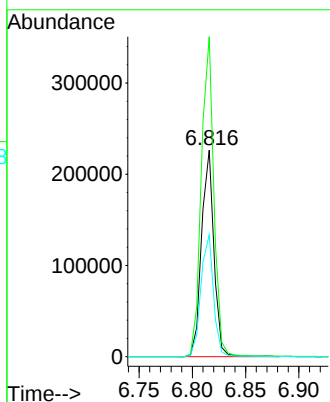
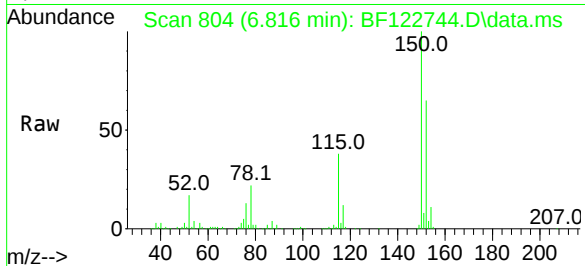




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

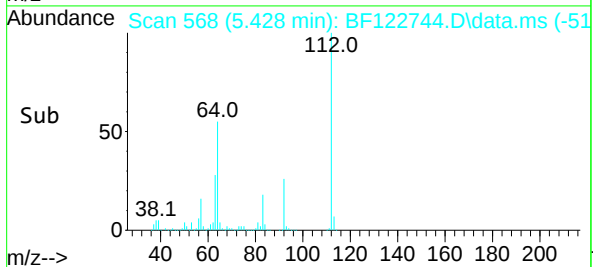
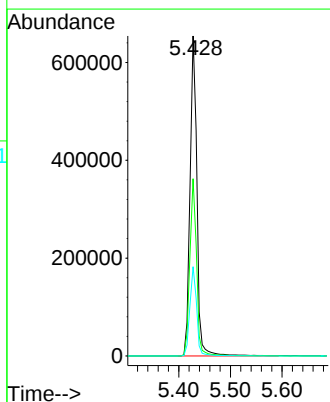
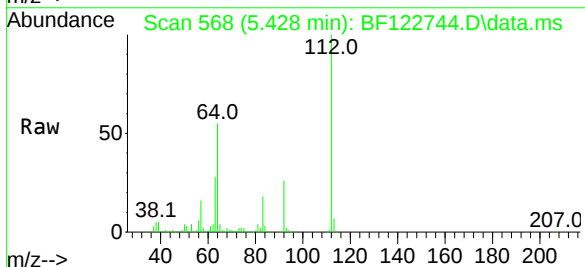
Instrument :
BNA_F
ClientSampleId :
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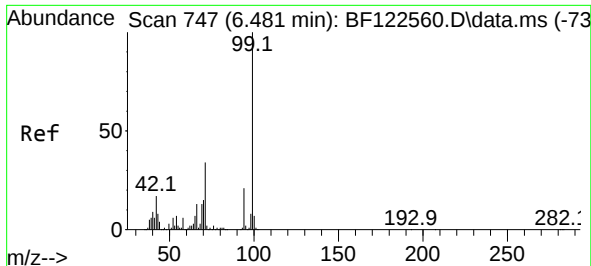
Tgt Ion:152 Resp: 184025
Ion Ratio Lower Upper
152 100
150 154.9 125.8 188.6
115 59.1 49.3 73.9



#5
2-Fluorophenol
Concen: 52.15 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

Tgt Ion:112 Resp: 606133
Ion Ratio Lower Upper
112 100
64 55.4 46.9 70.3
63 27.9 24.5 36.7

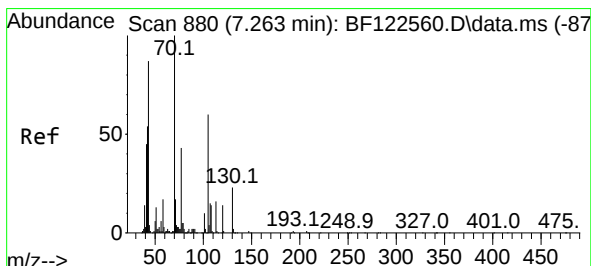
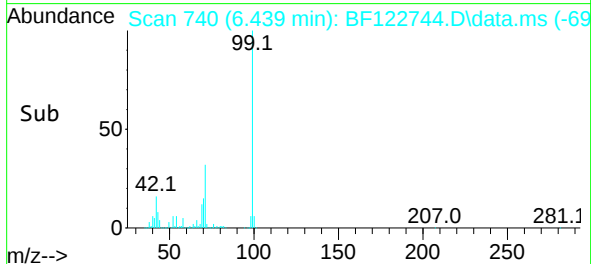
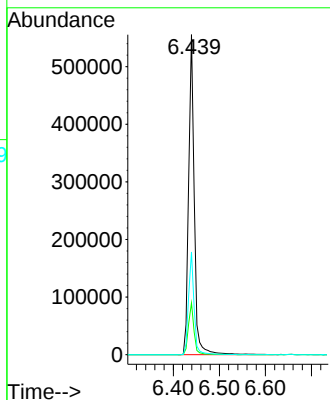
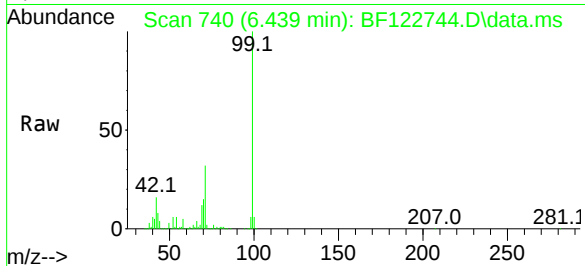




#7
Phenol-d6
Concen: 30.62 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

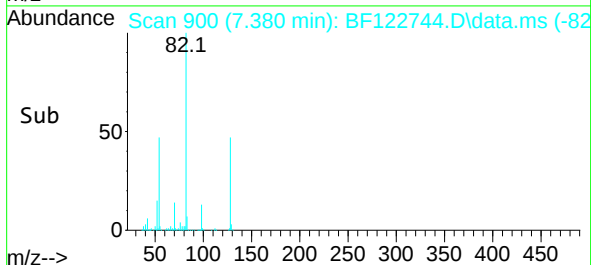
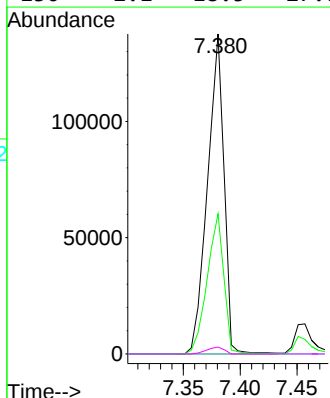
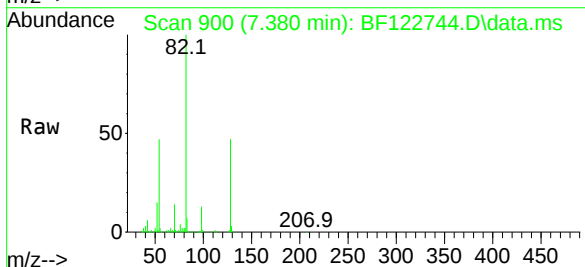
Instrument :
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ClientSampleId :
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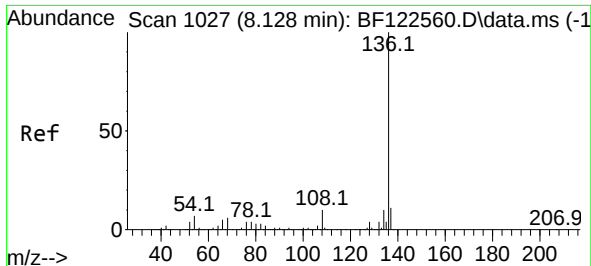
Tgt Ion:	99	Resp:	471995
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.8	20.6
71	32.1	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.75 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

Tgt Ion:	70	Resp:	139059
Ion	Ratio	Lower	Upper
70	100		
42	43.8	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#

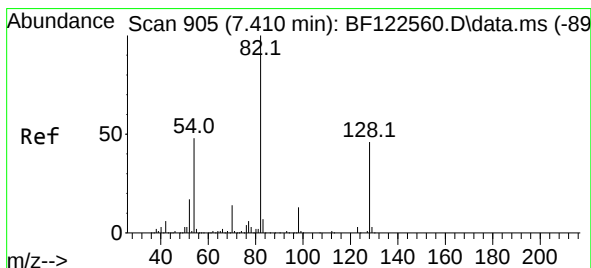
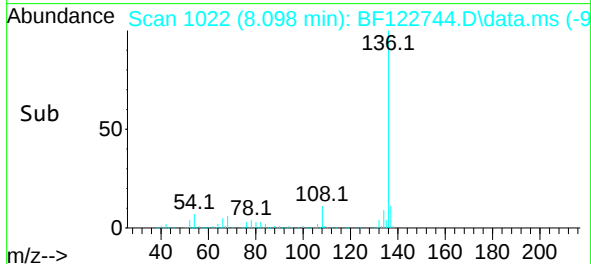
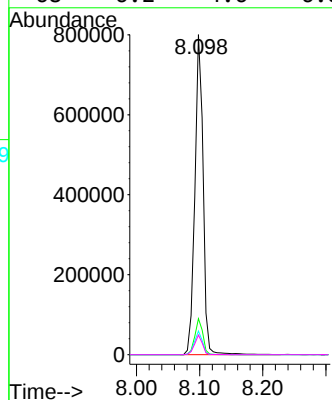
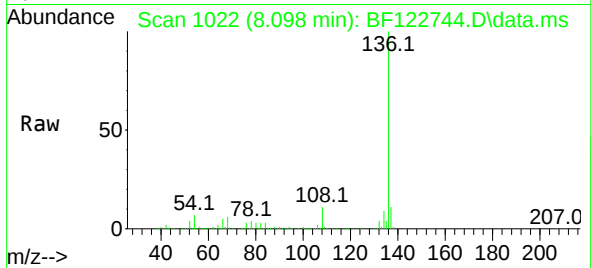




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

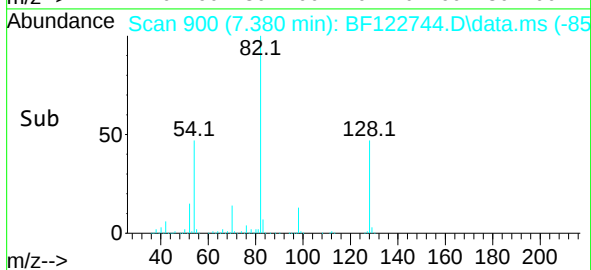
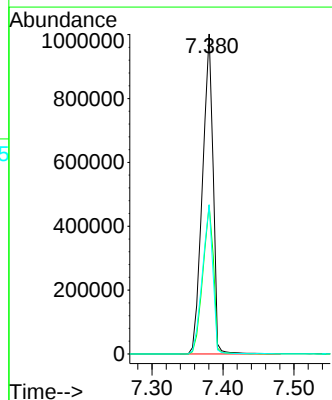
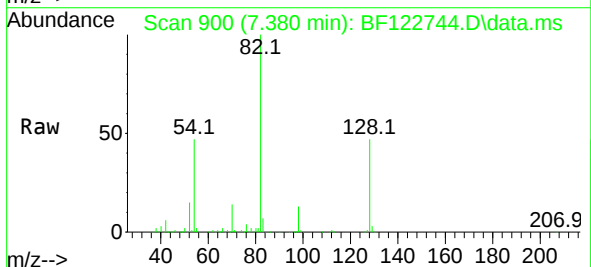
Instrument :
BNA_F
ClientSampleId :
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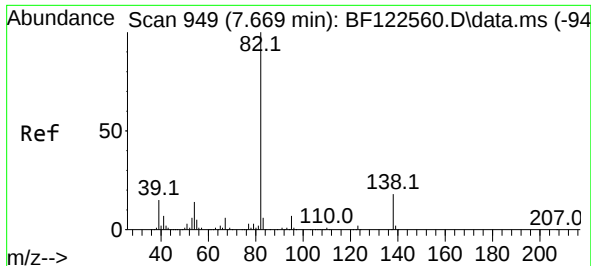
Tgt Ion:136	Resp: 725841
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 7.4	5.5 8.3
68 6.2	4.6 6.8



#23
Nitrobenzene-d5
Concen: 72.33 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

Tgt Ion: 82		Resp: 1047816	
Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.0	55.4
54	46.7	38.4	57.6

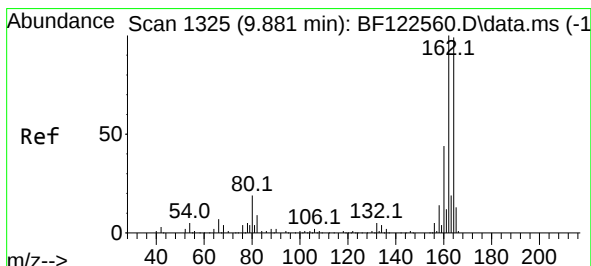
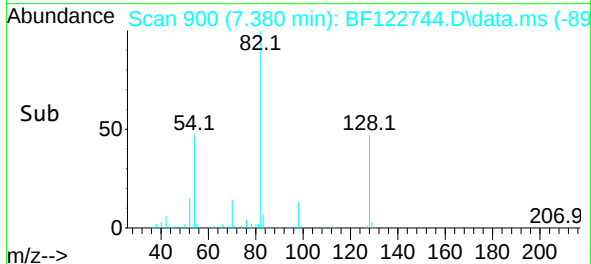
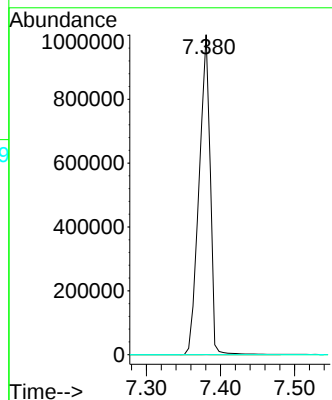
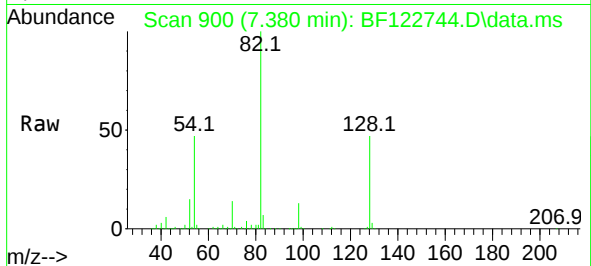




#25
Isophorone
Concen: 41.99 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

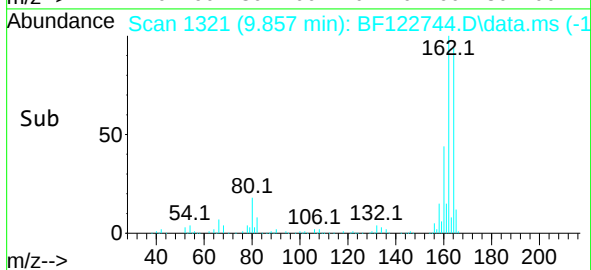
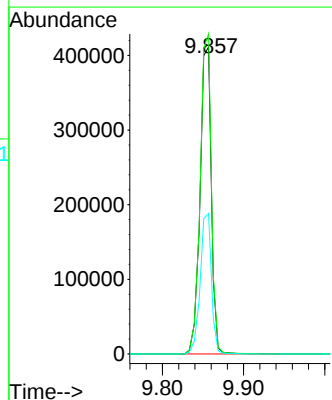
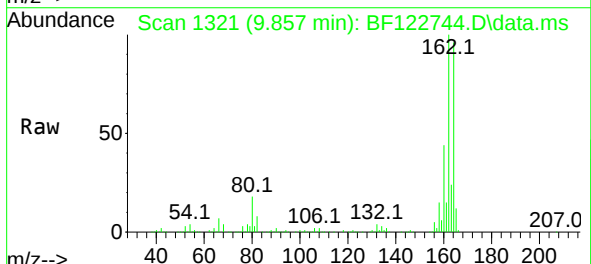
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ClientSampleId :
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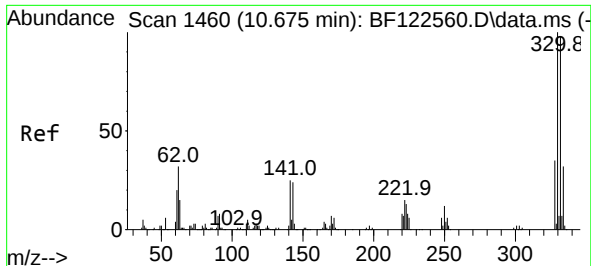
Tgt Ion: 82 Resp: 1047805
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

Tgt Ion:164 Resp: 400409
Ion Ratio Lower Upper
164 100
162 104.2 80.8 121.2
160 45.7 35.4 53.0

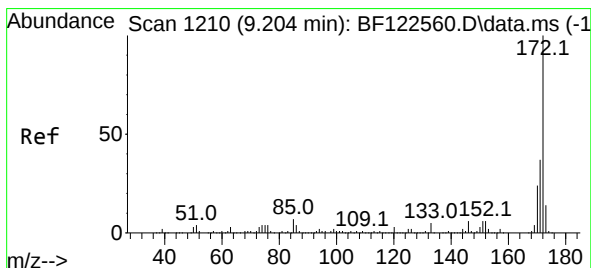
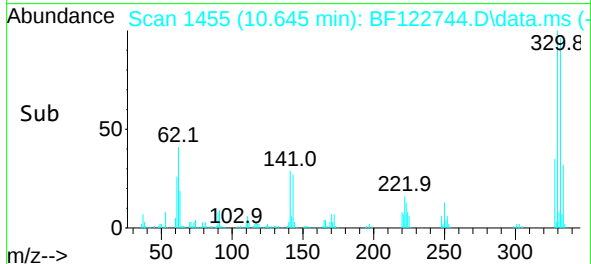
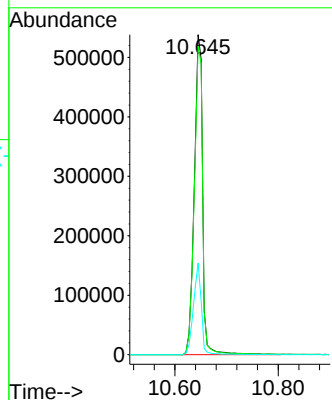
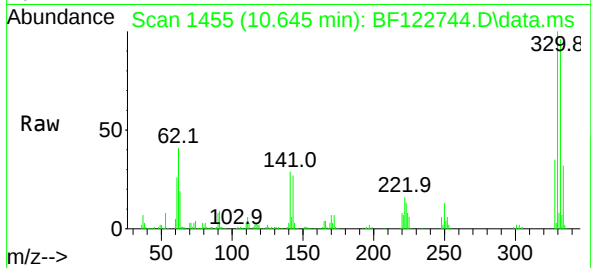




#42
2,4,6-Tribromophenol
Concen: 114.59 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

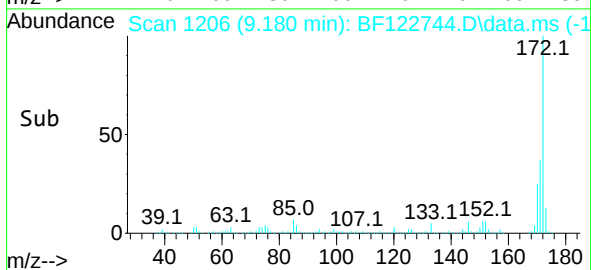
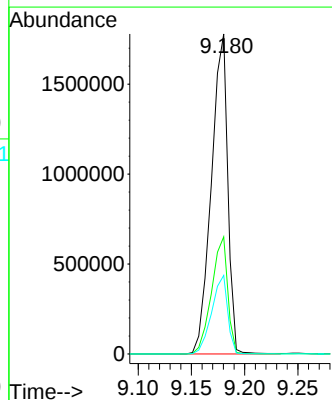
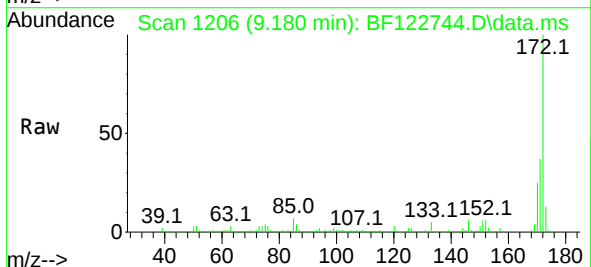
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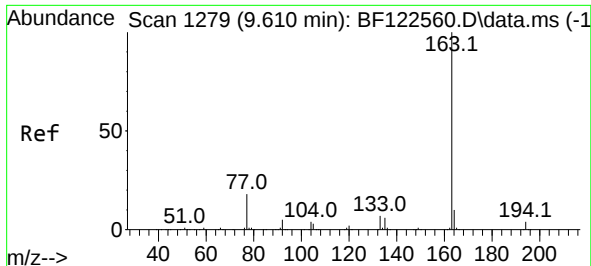
Tgt Ion: 330 Resp: 600566
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 27.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 64.25 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

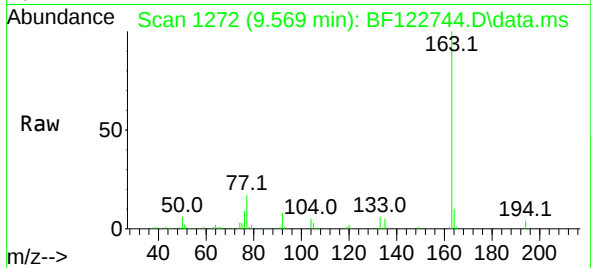
Tgt Ion: 172 Resp: 1902150
Ion Ratio Lower Upper
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171 36.6 29.6 44.4
170 24.5 19.5 29.3



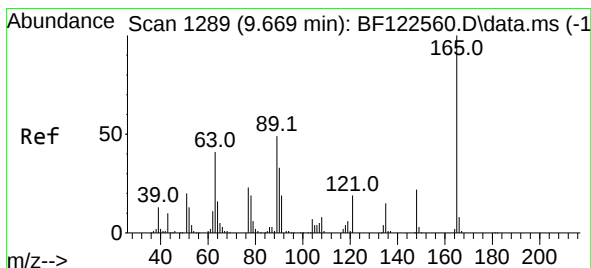
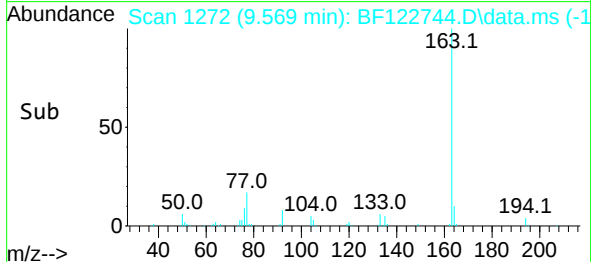
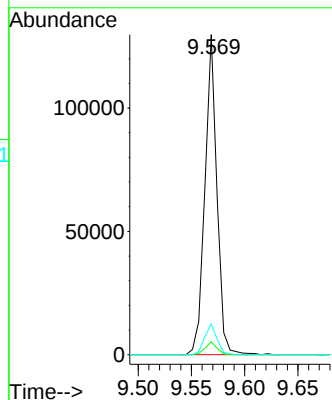


#50
Dimethylphthalate
Concen: 3.19 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

Instrument :
BNA_F
ClientSampleId :
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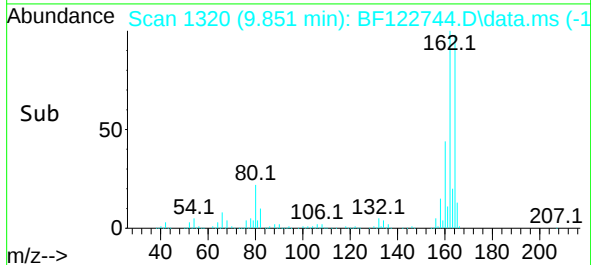
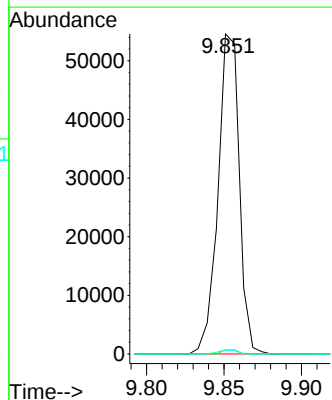
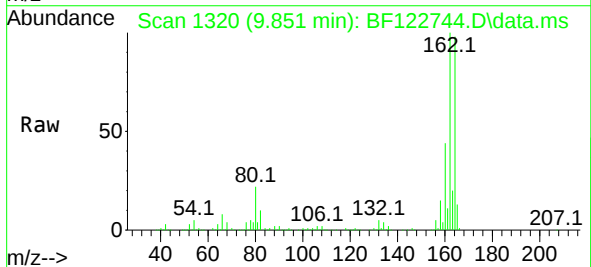


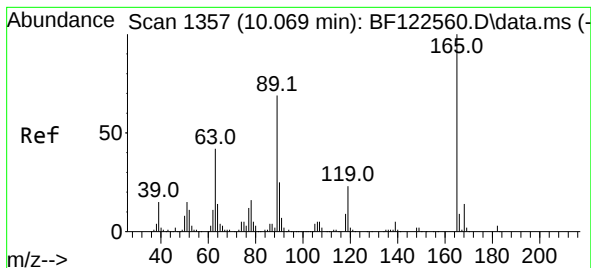
Tgt Ion:163 Resp: 102000
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.6 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.206 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

Tgt Ion:165 Resp: 52140
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.2 39.4 59.0#

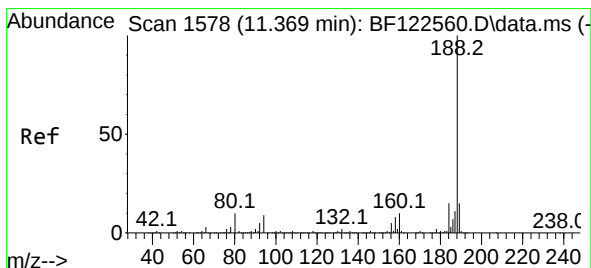
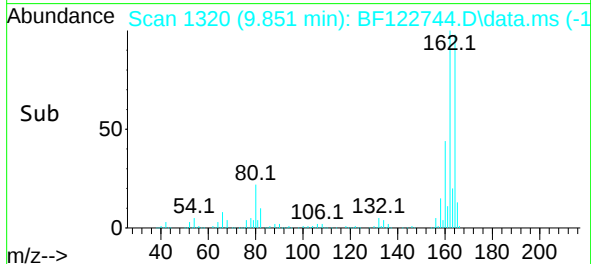
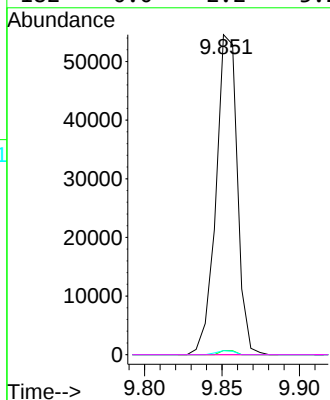
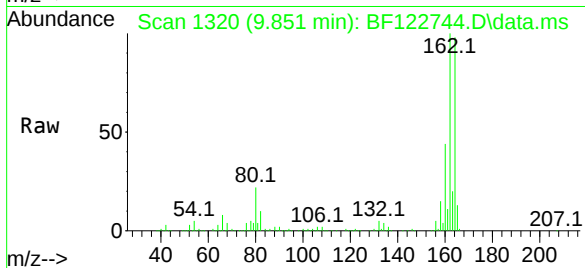




#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.200 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

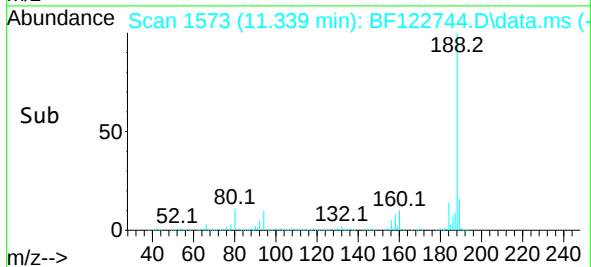
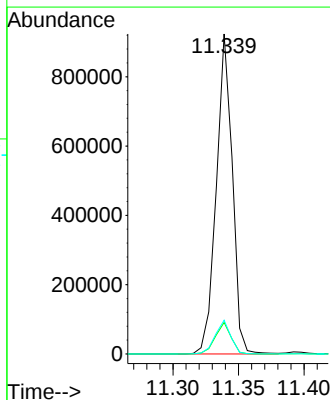
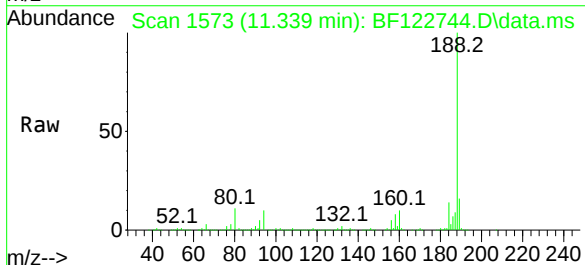
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ClientSampleId :
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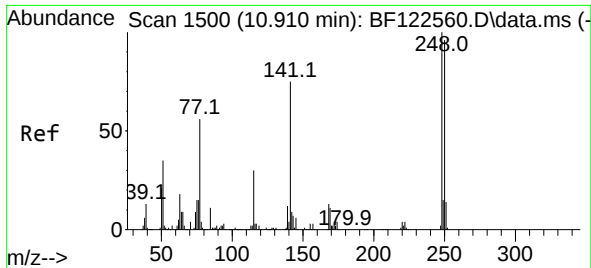
Tgt Ion:165	Resp:	52140
Ion Ratio	Lower	Upper
165	100	
63	1.3	34.3 51.5#
89	1.2	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

Tgt Ion:188	Resp:	781645
Ion Ratio	Lower	Upper
188	100	
94	9.8	7.4 11.2
80	10.5	8.2 12.4

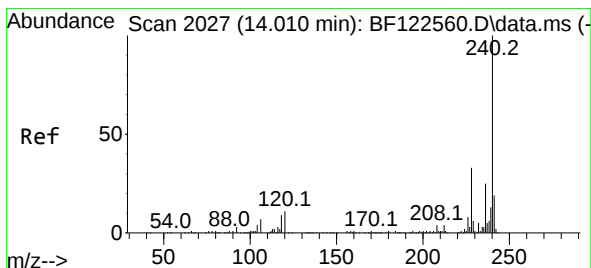
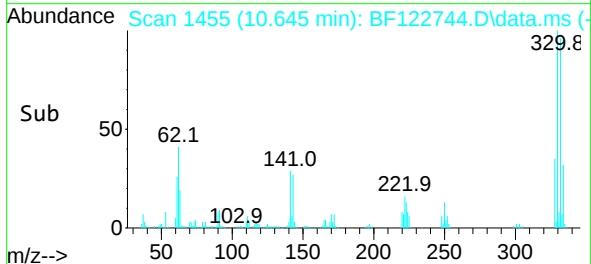
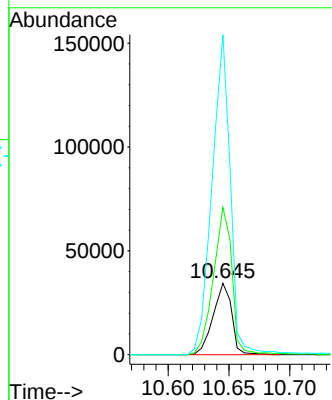
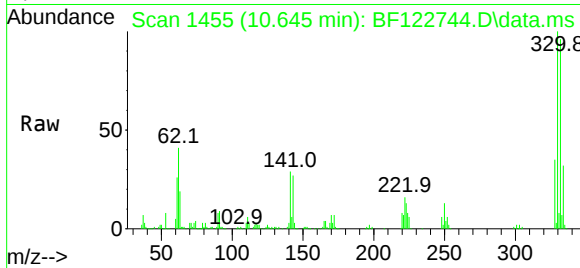




#67
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

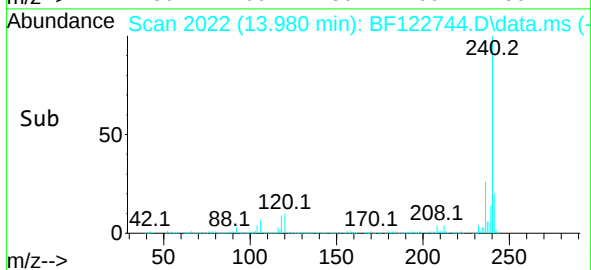
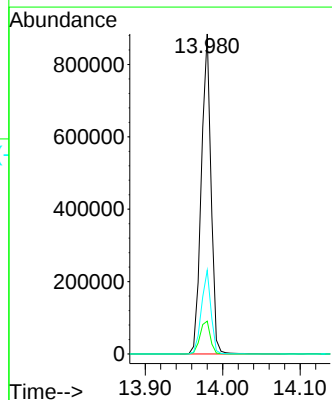
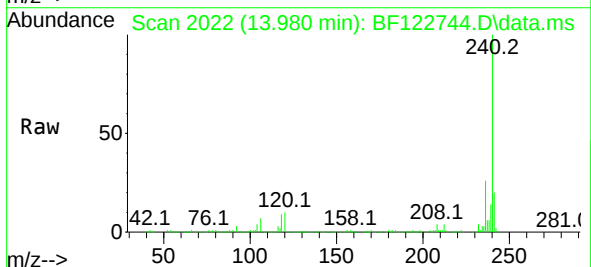
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

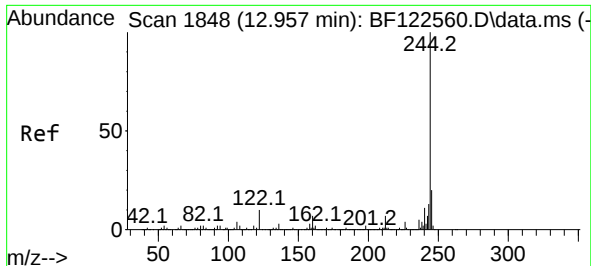
Tgt Ion:248 Resp: 36560
Ion Ratio Lower Upper
248 100
250 206.0 76.8 115.2#
141 447.9 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

Tgt Ion:240 Resp: 766609
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 26.1 20.3 30.5

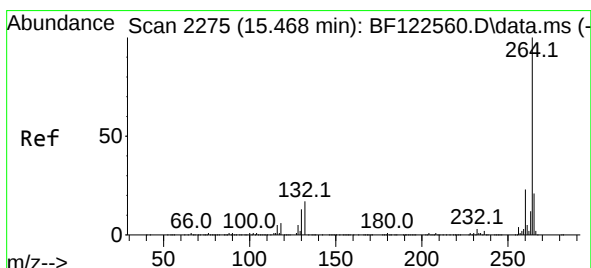
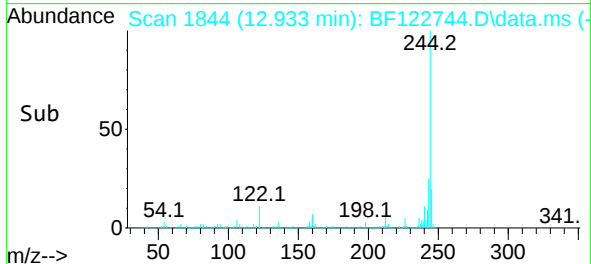
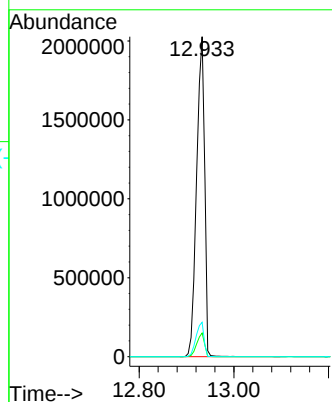
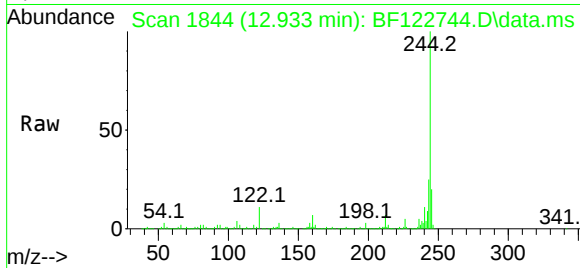




#79
Terphenyl-d14
Concen: 54.41 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion:244 Resp: 2382791
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.7 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF122744.D
Acq: 16 Dec 2020 12:03

Tgt Ion:264 Resp: 790594
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.5 17.0 25.6

