

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
 Data File : BF121989.D
 Acq On : 15 Oct 2020 14:08
 Operator : JU/CG
 Sample : L4242-21RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANKRE

Quant Time: Oct 15 14:42:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

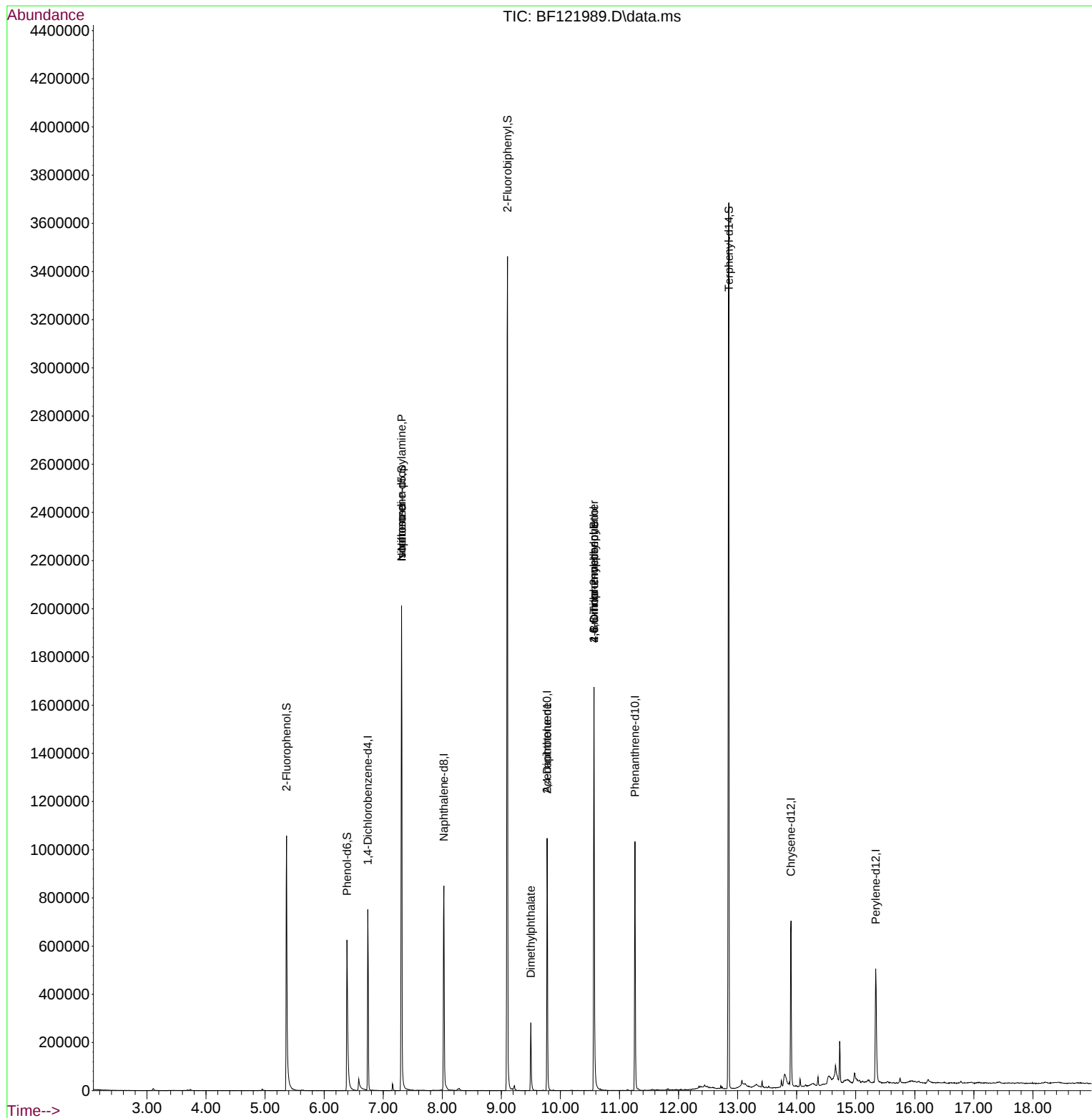
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	104644	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	404920	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	204603	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	394178	20.00	ng	0.00
76) Chrysene-d12	13.904	240	263266	20.00	ng	0.00
86) Perylene-d12	15.339	264	221186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	356504	50.28	ng	0.00
7) Phenol-d6	6.387	99	267919	29.35	ng	0.00
23) Nitrobenzene-d5	7.310	82	711599	90.13	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	226754	89.59	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1160947	83.49	ng	0.00
79) Terphenyl-d14	12.851	244	1184720	85.76	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.328	77	123	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	95827	18.44	ng	# 80
25) Isophorone	7.310	82	707794	47.41	ng	# 67
50) Dimethylphthalate	9.498	163	130750	8.74	ng	99
57) 2,4-Dinitrotoluene	9.775	165	25944	6.42	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	452	4.59	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	13308	2.92	ng	# 1

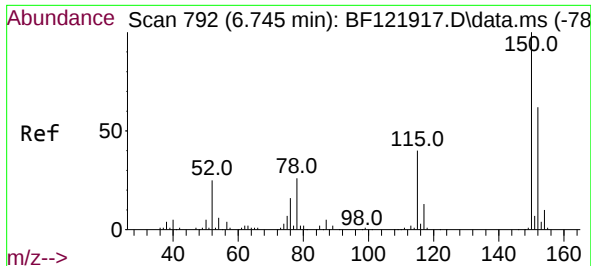
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF121989.D
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Sample : L4242-21RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FIELD-BLANKRE

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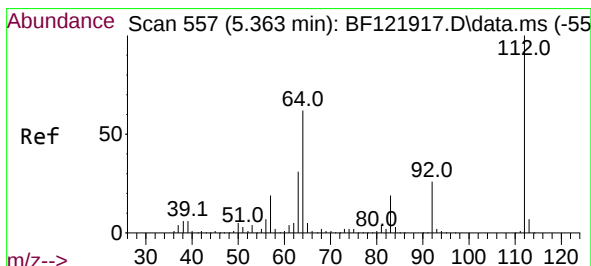
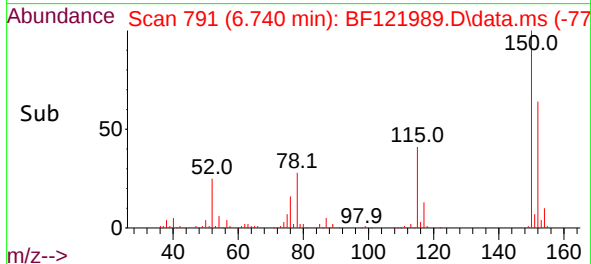
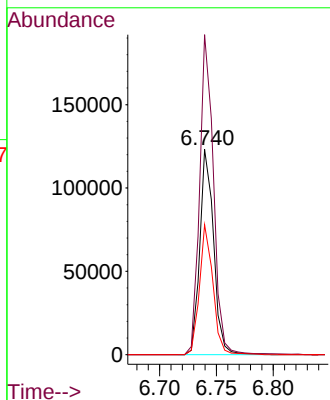
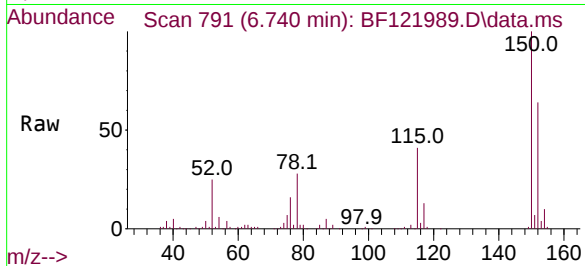




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

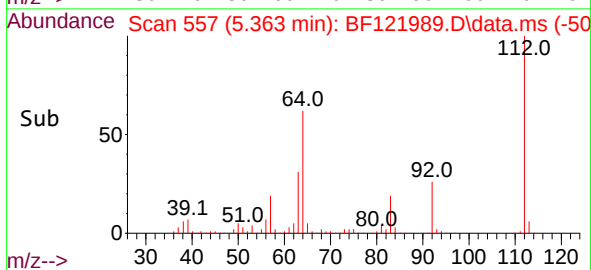
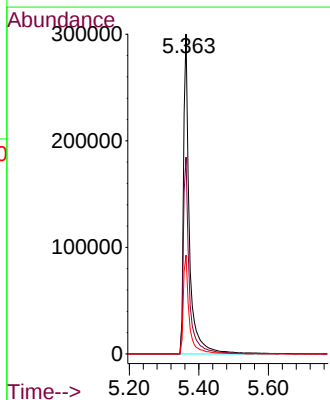
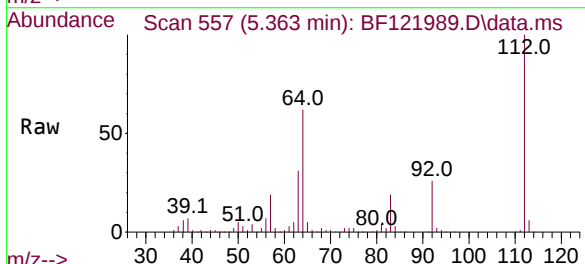
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BNA_F
ClientSampleId :
FIELD-BLANKRE

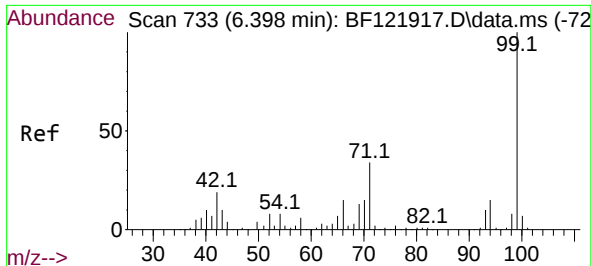
Tgt Ion:152 Resp: 104644
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 63.3 51.9 77.9



#5
2-Fluorophenol
Concen: 50.28 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

Tgt Ion:112 Resp: 356504
Ion Ratio Lower Upper
112 100
64 61.5 50.4 75.6
63 30.9 25.8 38.6

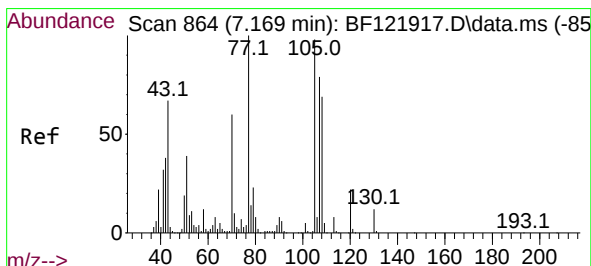
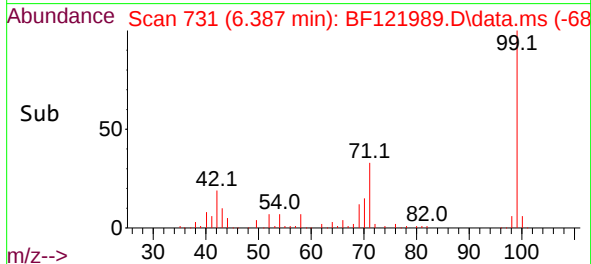
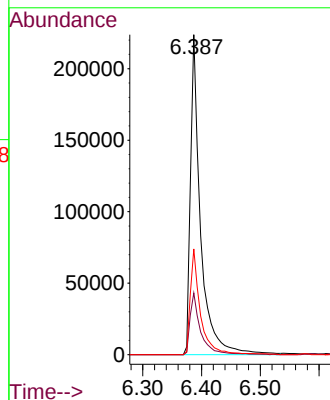
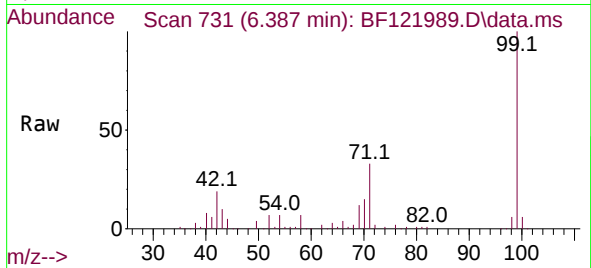




#7
Phenol-d6
Concen: 29.35 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

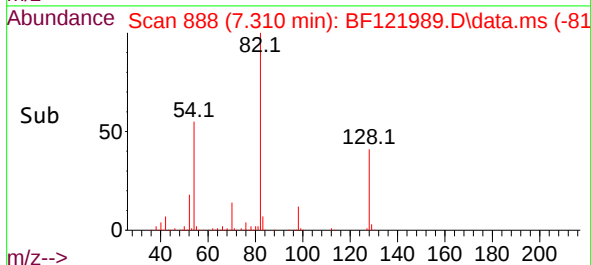
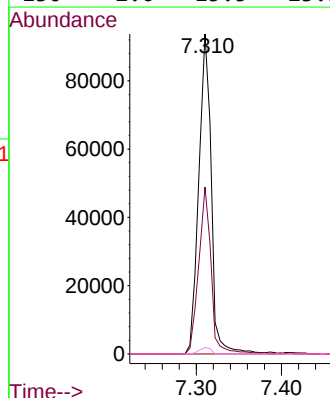
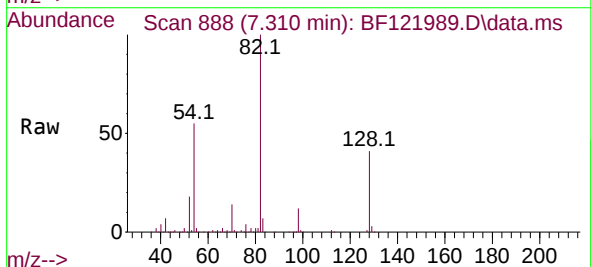
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANKRE

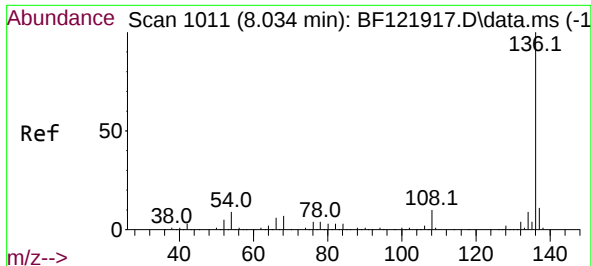
Tgt Ion: 99 Resp: 267919
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 33.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.44 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

Tgt Ion: 70 Resp: 95827
Ion Ratio Lower Upper
70 100
42 52.1 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



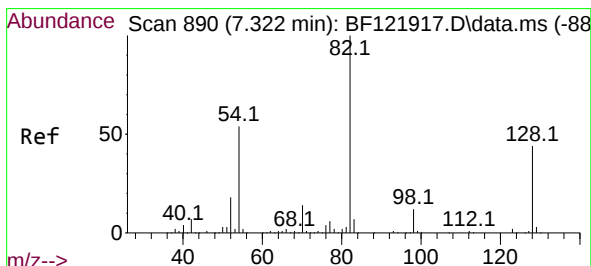
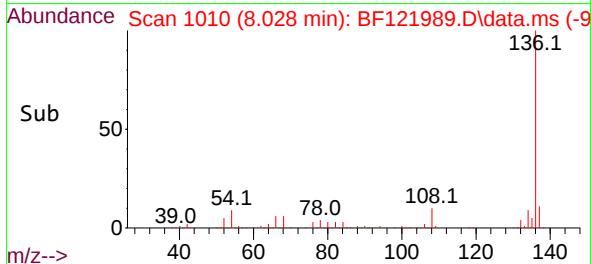
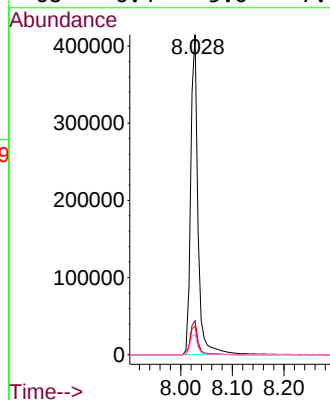
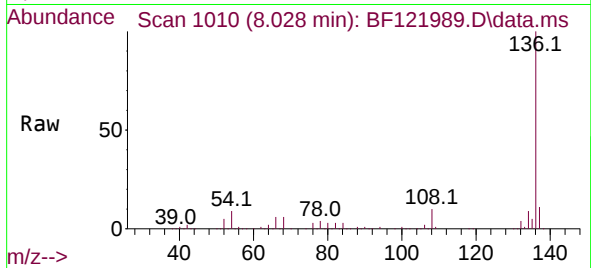


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANKRE

Tgt Ion:136 Resp: 404920

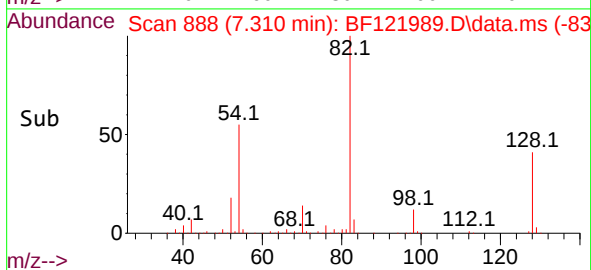
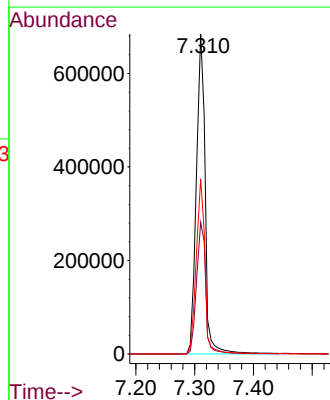
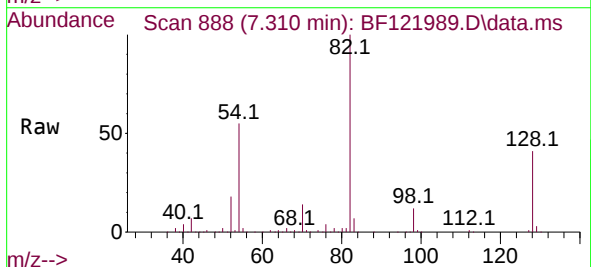
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.9	7.1	10.7
68	6.4	5.0	7.4

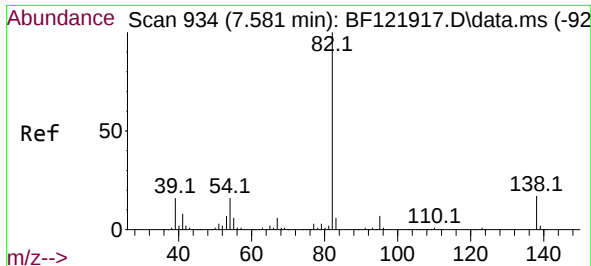


#23
Nitrobenzene-d5
Concen: 90.13 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

Tgt Ion: 82 Resp: 711599

Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.0	52.4
54	54.7	43.9	65.9

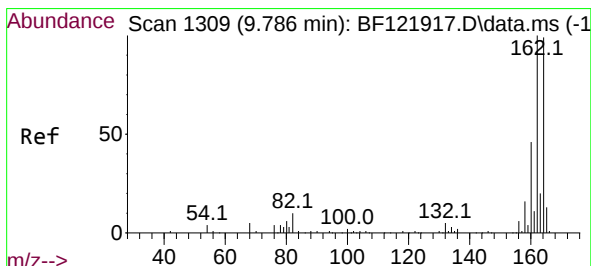
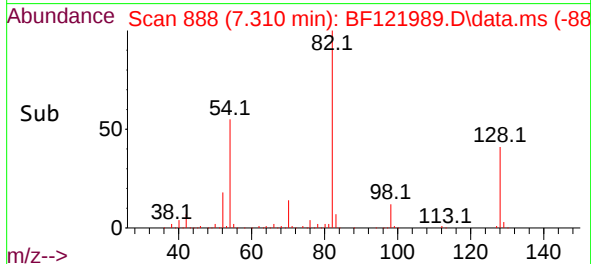
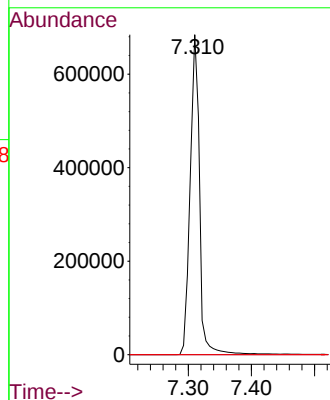
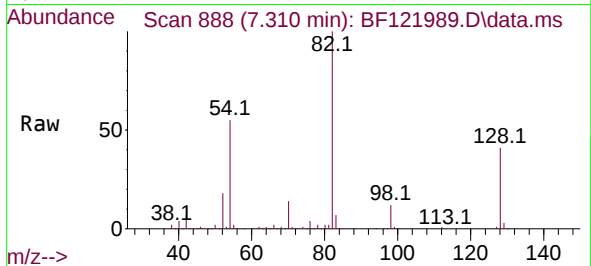




#25
Isophorone
Concen: 47.41 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.264 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

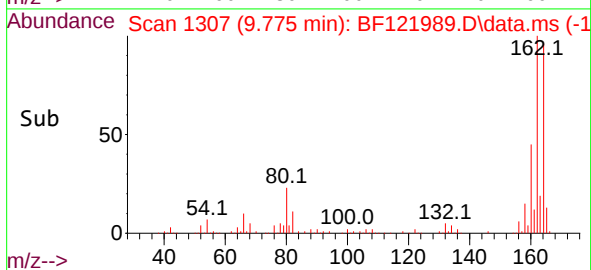
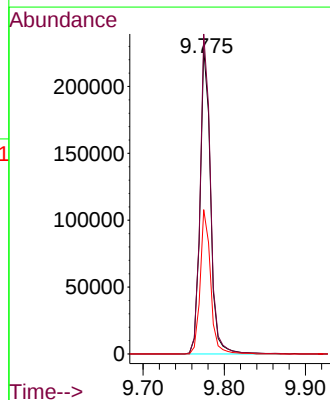
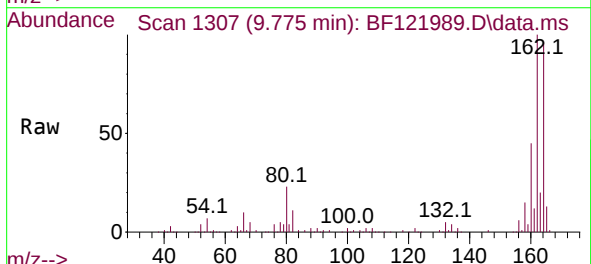
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ClientSampleId :
FIELD-BLANKRE

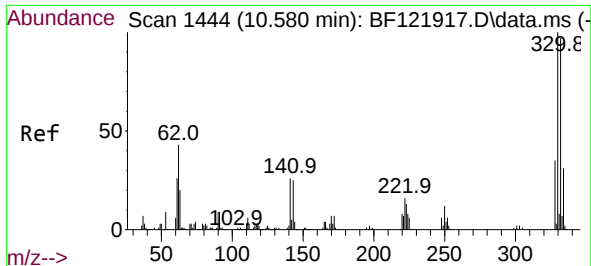
Tgt Ion: 82 Resp: 707794
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

Tgt Ion:164 Resp: 204603
Ion Ratio Lower Upper
164 100
162 104.7 83.2 124.8
160 47.2 37.5 56.3

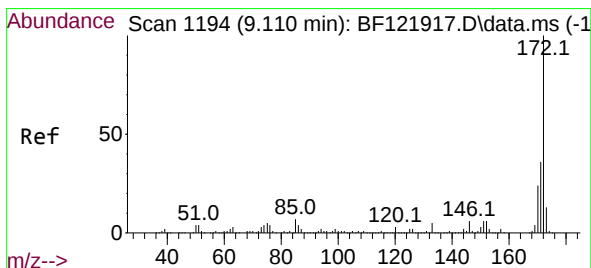
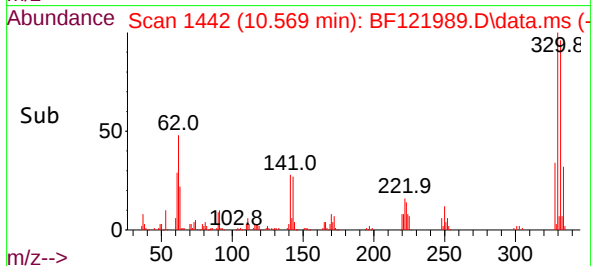
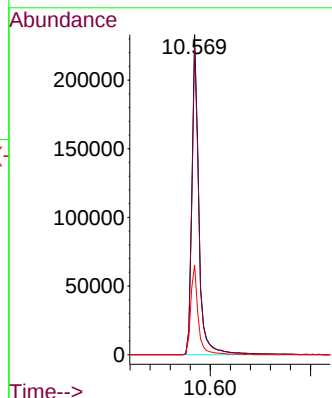
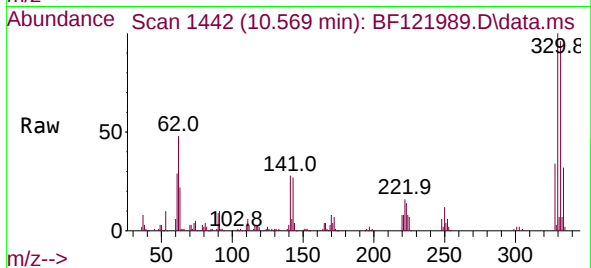




#42
2,4,6-Tribromophenol
Concen: 89.59 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

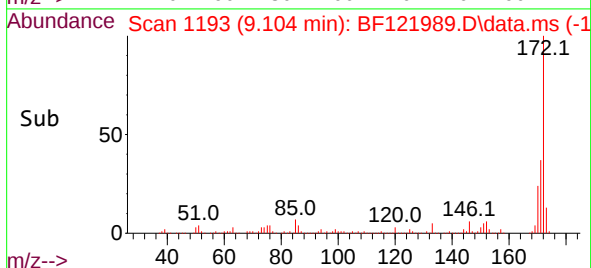
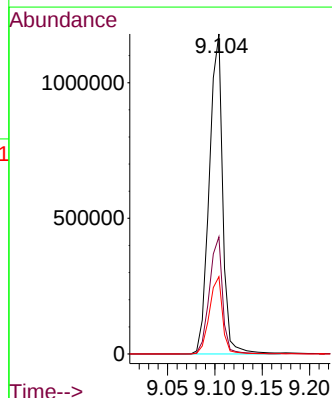
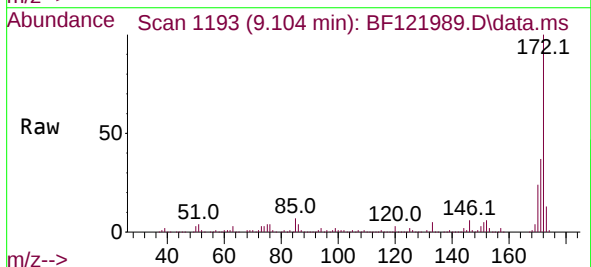
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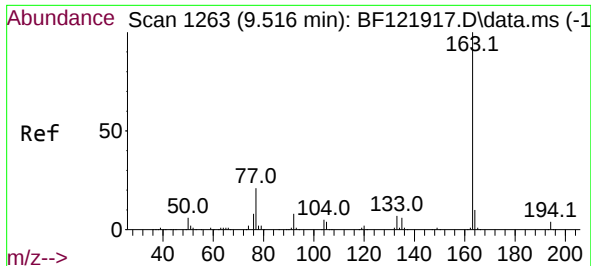
Tgt Ion:330 Resp: 226754
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 29.7 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 83.49 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

Tgt Ion:172 Resp: 1160947
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 24.1 19.8 29.6

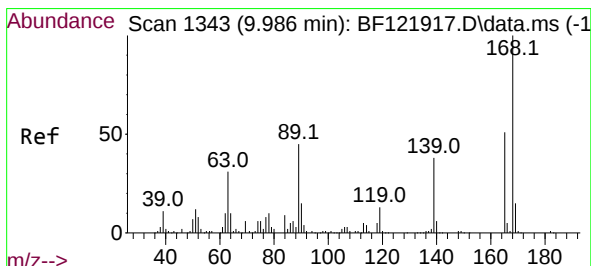
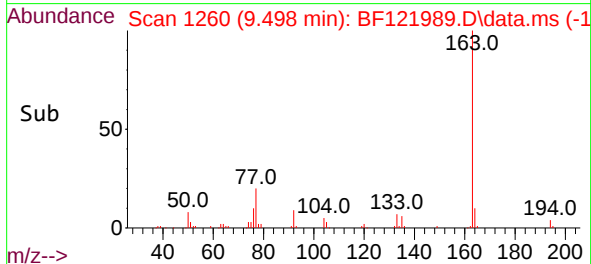
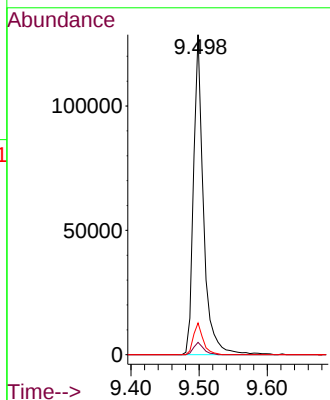
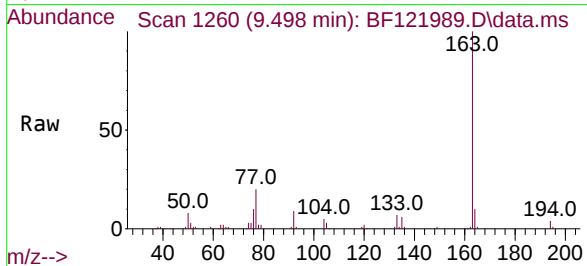




#50
Dimethylphthalate
Concen: 8.74 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

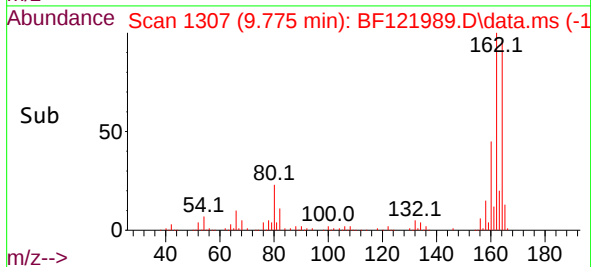
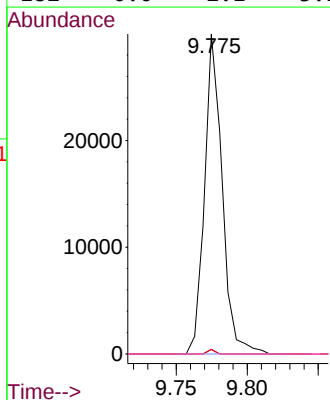
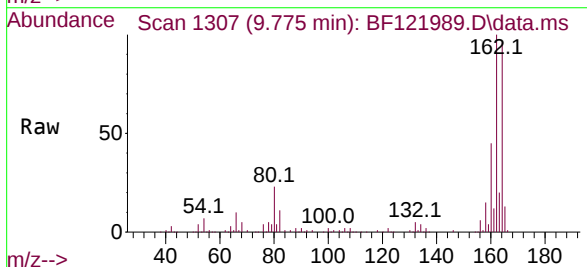
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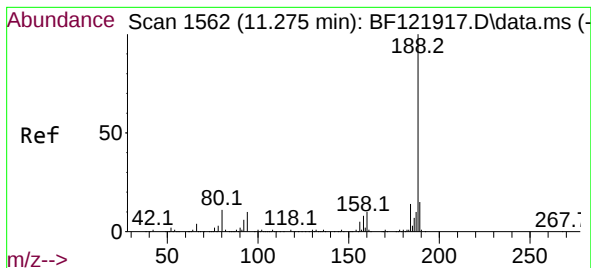
Tgt Ion:163 Resp: 130750
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.9 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

Tgt Ion:165 Resp: 25944
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

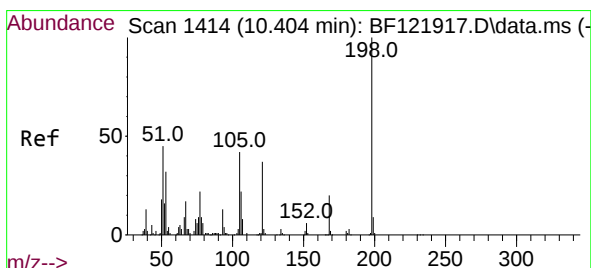
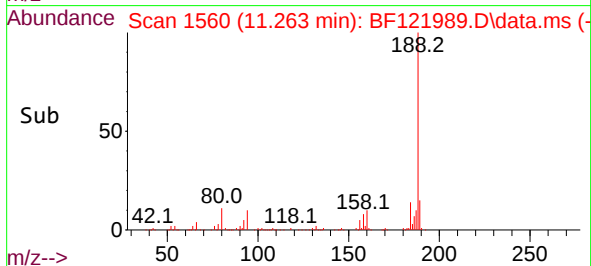
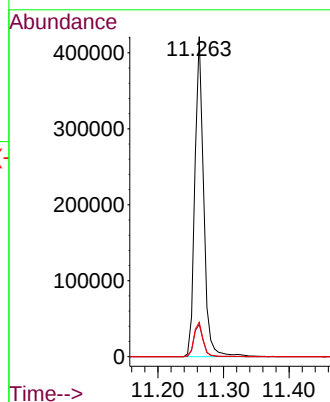
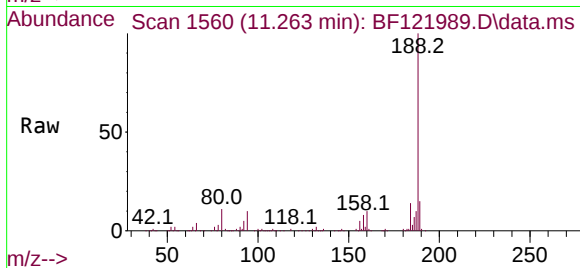




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

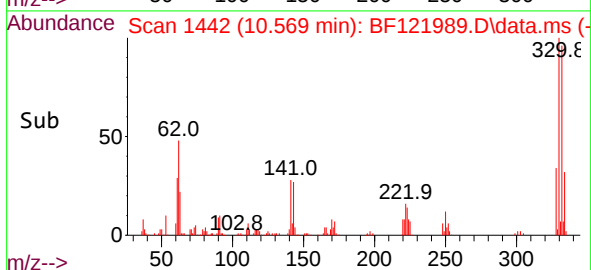
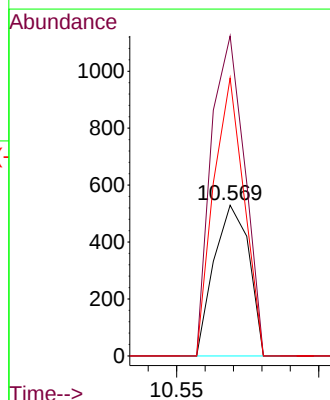
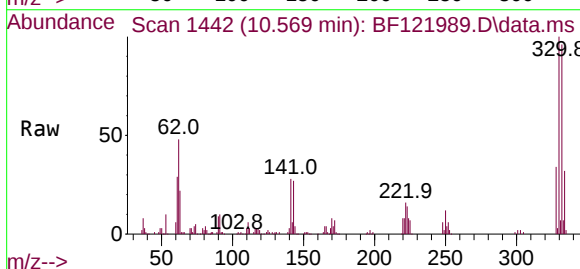
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANKRE

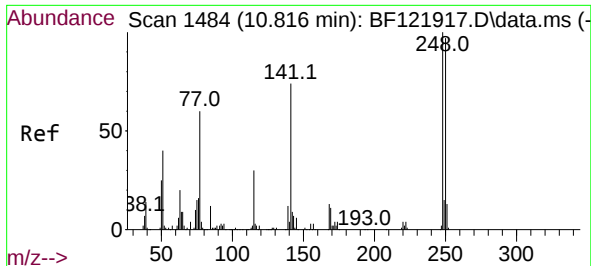
Tgt Ion:188 Resp: 394178
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.8 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.59 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.171 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

Tgt Ion:198 Resp: 452
Ion Ratio Lower Upper
198 100
51 212.5 29.6 69.6#
105 184.5 24.4 64.4#

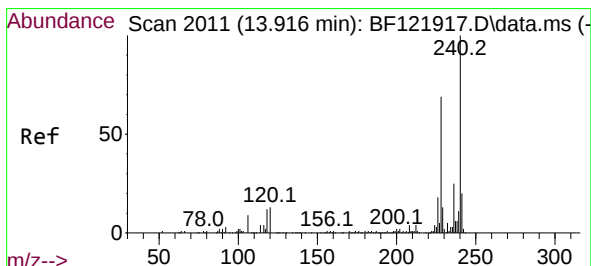
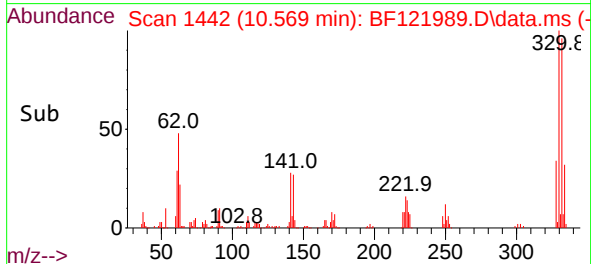
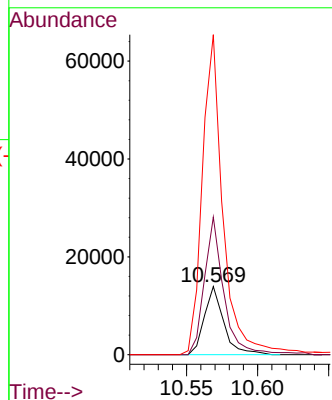
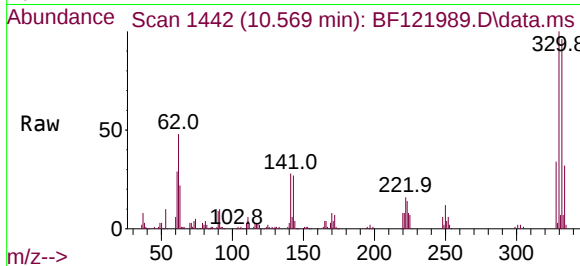




#67
4-Bromophenyl-phenylether
Concen: 2.92 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

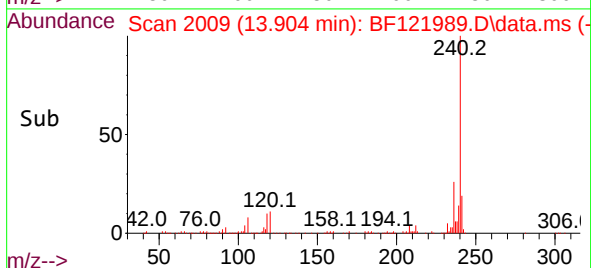
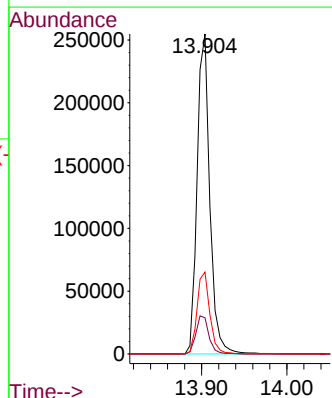
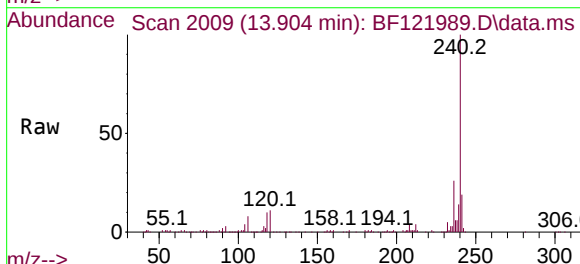
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANKRE

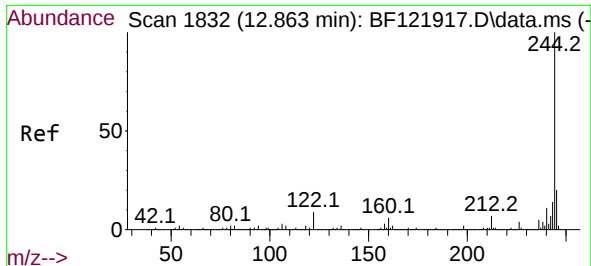
Tgt Ion:248 Resp: 13308
Ion Ratio Lower Upper
248 100
250 202.0 77.0 115.6#
141 469.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

Tgt Ion:240 Resp: 263266
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.6 20.9 31.3

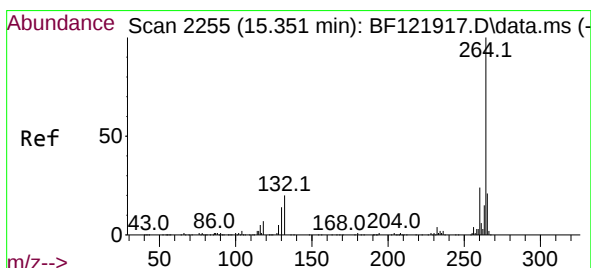
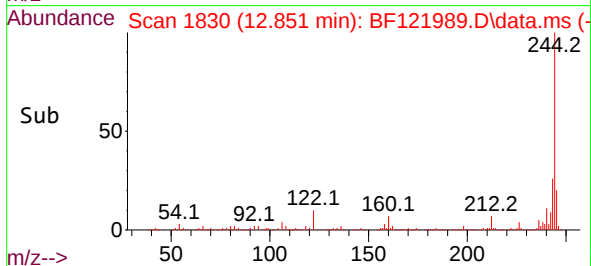
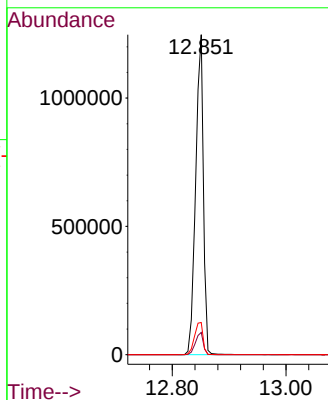
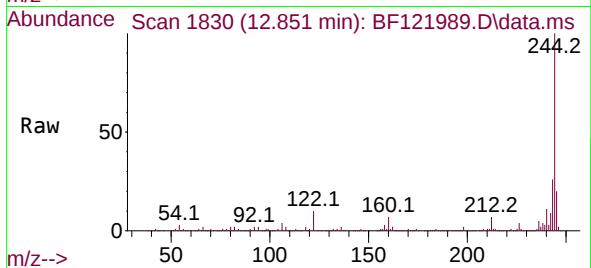




#79
Terphenyl-d14
Concen: 85.76 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANKRE

Tgt Ion:244 Resp: 1184720
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.1 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BF121989.D
Acq: 15 Oct 2020 14:08

Tgt Ion:264 Resp: 221186
Ion Ratio Lower Upper
264 100
260 22.7 18.7 28.1
265 21.7 17.3 25.9

