

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
 Data File : BF126507.D
 Acq On : 5 Jan 2022 20:48
 Operator : JU/CG
 Sample : N1010-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211306-FIELD-BLANK

Quant Time: Jan 06 01:11:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

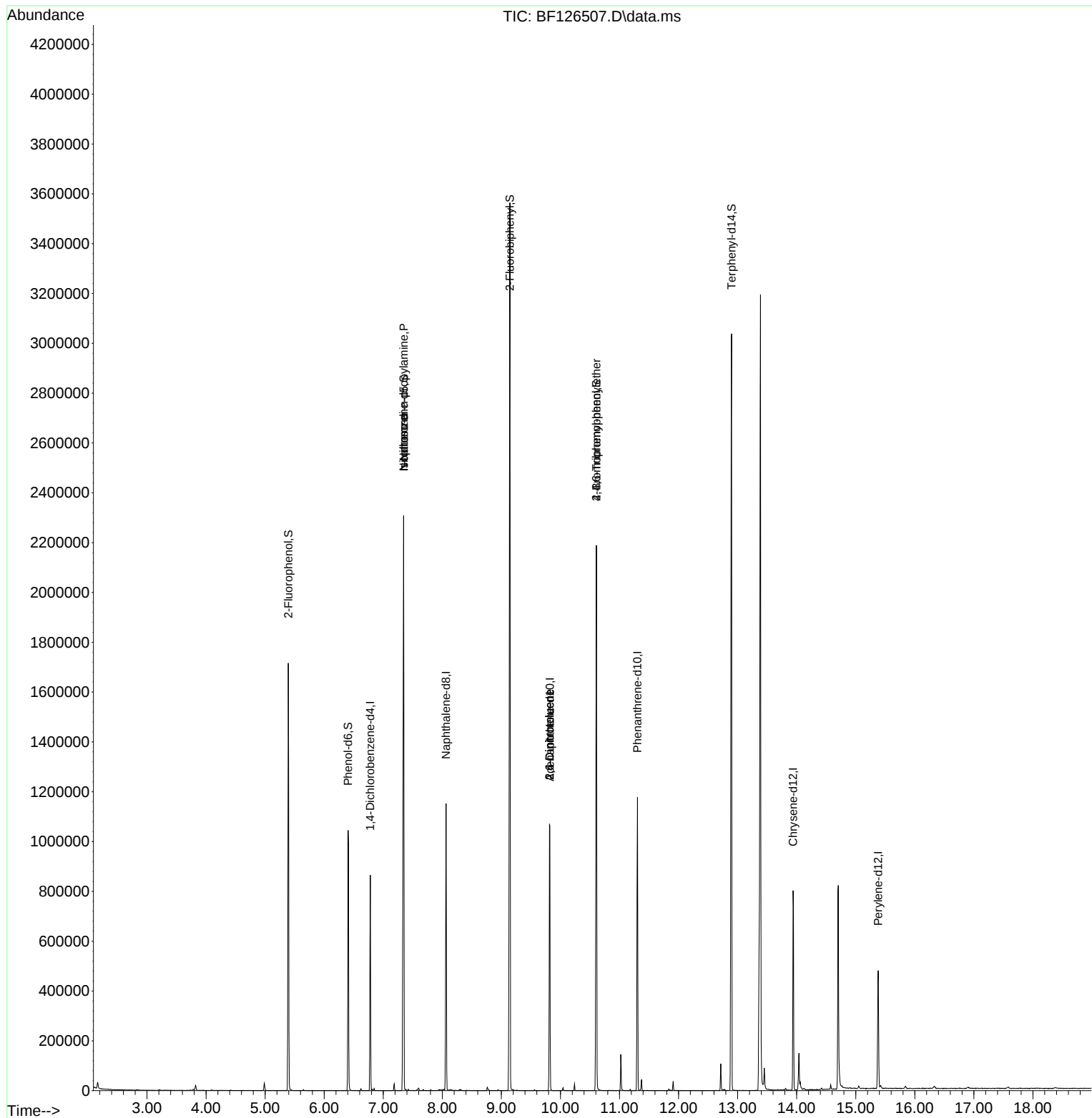
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	117833	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	505635	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	235707	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	388998	20.000	ng	0.00
76) Chrysene-d12	13.939	240	270126	20.000	ng	-0.01
86) Perylene-d12	15.380	264	198009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	488073	59.483	ng	0.00
7) Phenol-d6	6.404	99	372267	35.028	ng	-0.02
23) Nitrobenzene-d5	7.345	82	859856	87.317	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	279564	153.487	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1200114	89.597	ng	0.00
79) Terphenyl-d14	12.898	244	1090487	78.435	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	106948	17.635	ng	# 80
25) Isophorone	7.345	82	856988	48.614	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	30323	9.542	ng	# 20
57) 2,4-Dinitrotoluene	9.816	165	30323	7.396	ng	# 14
67) 4-Bromophenyl-phenylether	10.610	248	14025	4.062	ng	# 1
77) Benzidine	12.898	184	13593	Below Cal		# 96

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

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Quant Time: Jan 06 01:11:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

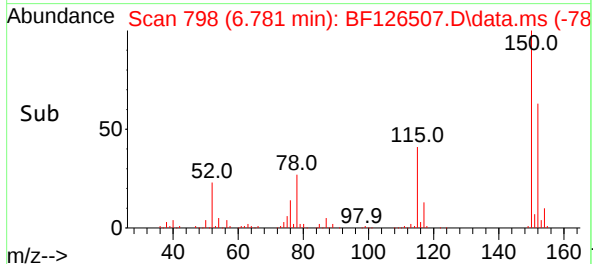
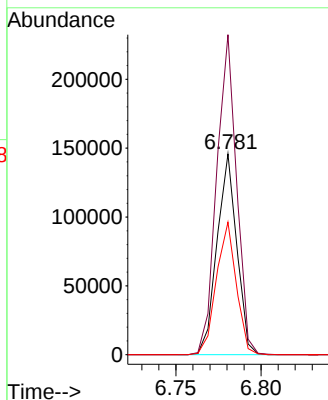
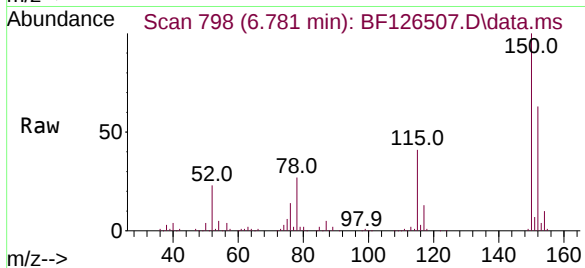




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

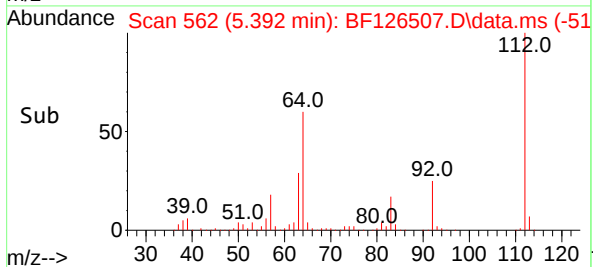
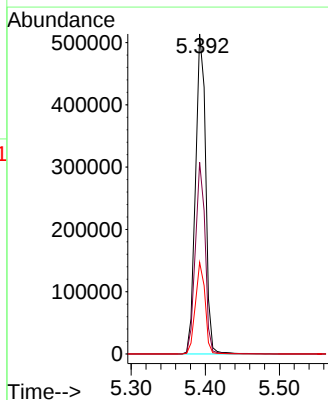
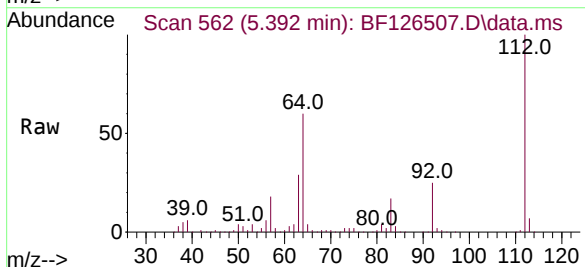
Instrument :
BNA_F
ClientSampleId :
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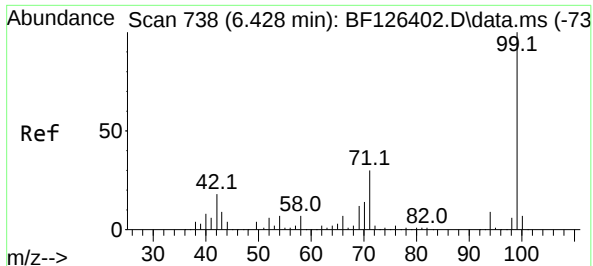
Tgt Ion:152 Resp: 117833
Ion Ratio Lower Upper
152 100
150 159.3 128.1 192.1
115 66.0 56.7 85.1



#5
2-Fluorophenol
Concen: 59.483 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

Tgt Ion:112 Resp: 488073
Ion Ratio Lower Upper
112 100
64 59.9 49.5 74.3
63 28.6 23.9 35.9

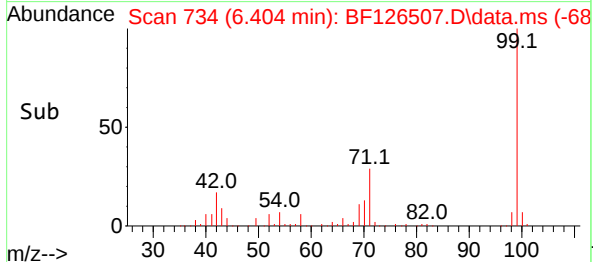
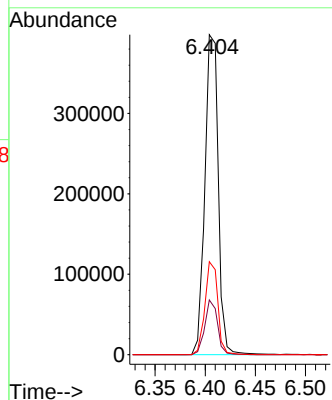
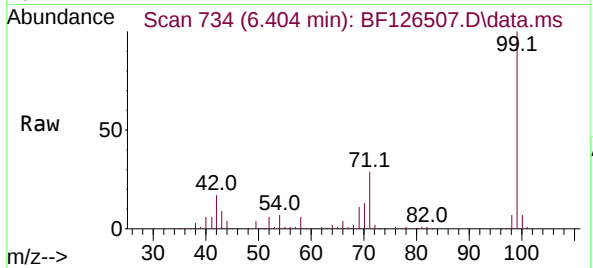




#7
Phenol-d6
Concen: 35.028 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

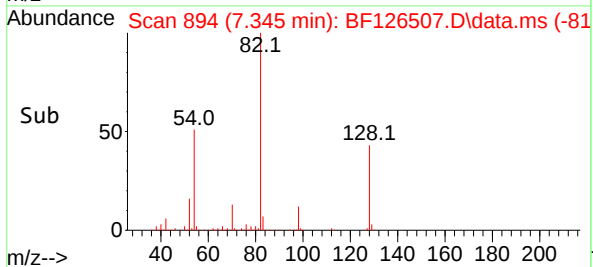
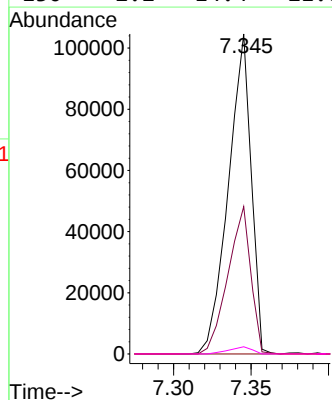
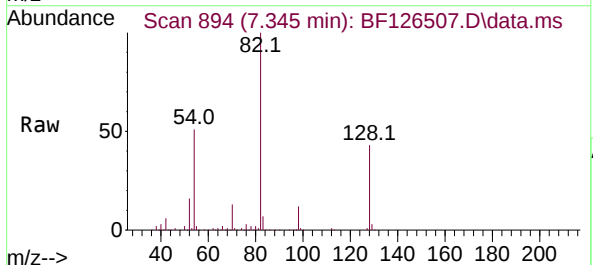
Instrument :
BNA_F
ClientSampleId :
20211306-FIELD-BLANK

Tgt Ion: 99 Resp: 372267
Ion Ratio Lower Upper
99 100
42 17.1 14.2 21.4
71 29.0 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.635 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

Tgt Ion: 70 Resp: 106948
Ion Ratio Lower Upper
70 100
42 46.1 45.8 68.8
101 0.0 6.9 10.3#
130 2.2 14.4 21.6#



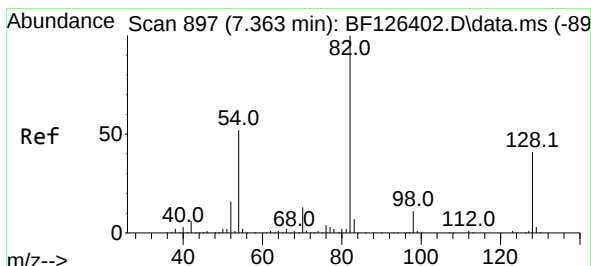
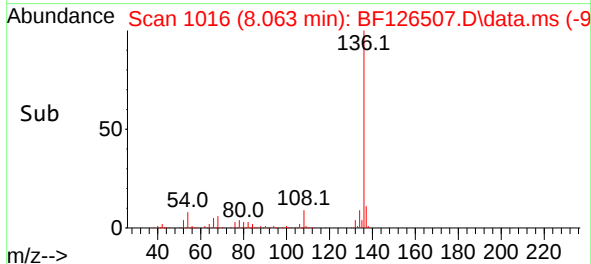
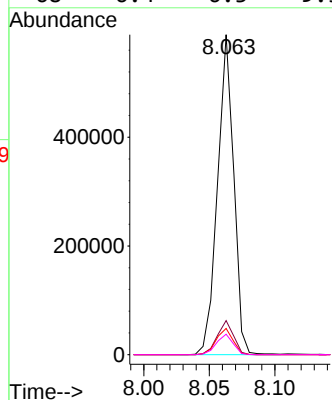
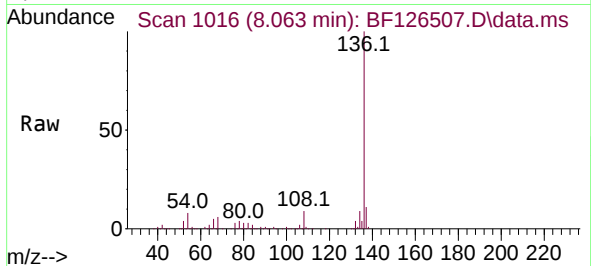


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

Instrument :
BNA_F
ClientSampleId :
20211306-FIELD-BLANK

Tgt Ion:136 Resp: 505635

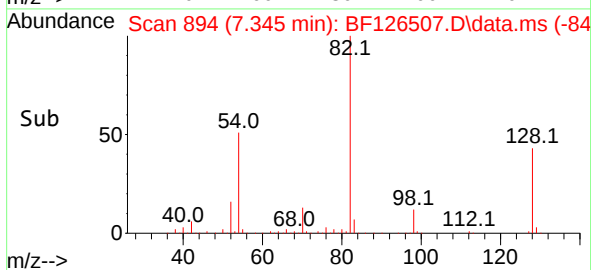
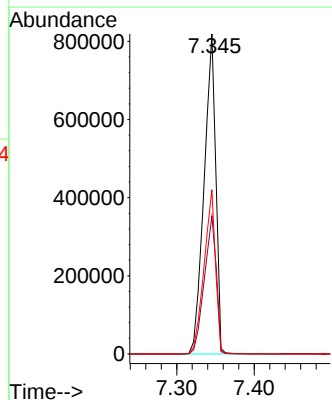
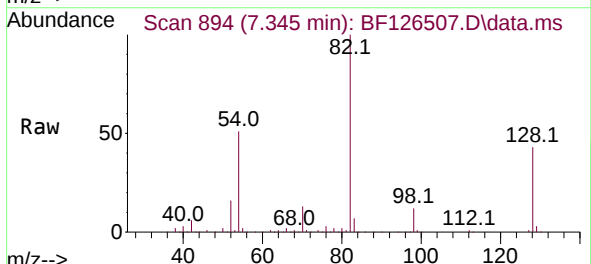
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.2	7.8	11.6
68	6.4	6.3	9.5

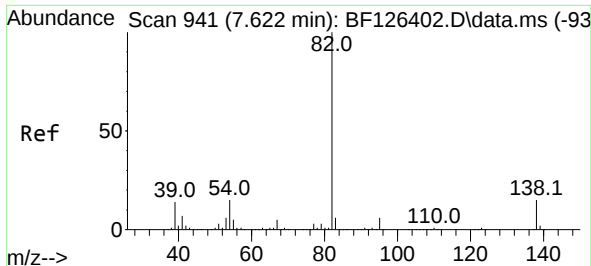


#23
Nitrobenzene-d5
Concen: 87.317 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

Tgt Ion: 82 Resp: 859856

Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.7	49.1
54	51.3	41.7	62.5

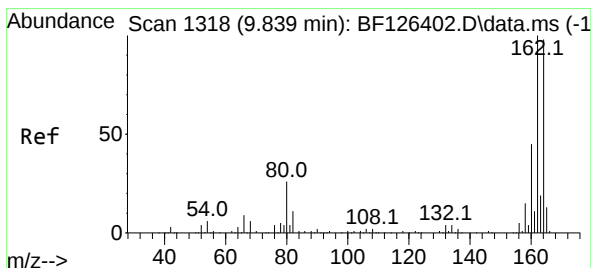
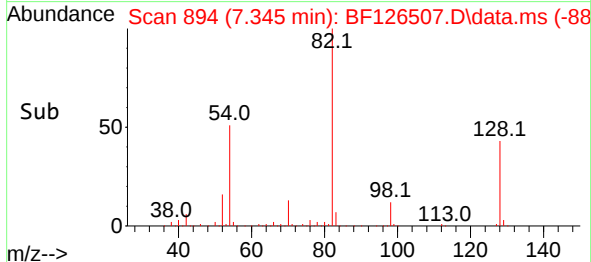
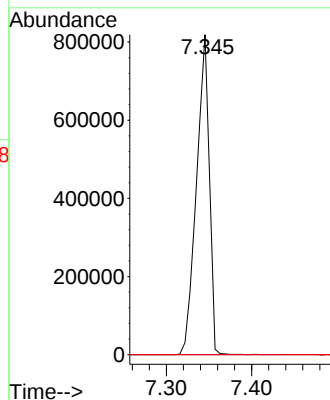
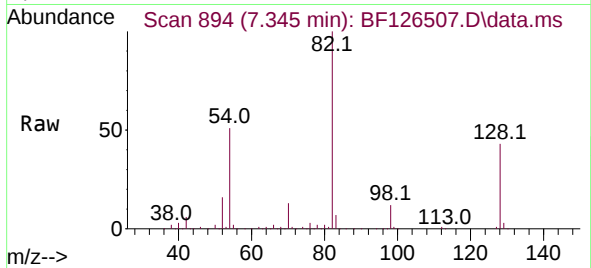




#25
Isophorone
Concen: 48.614 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

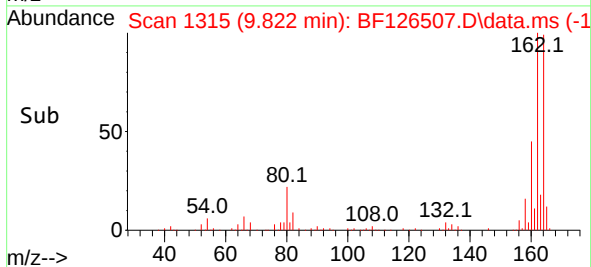
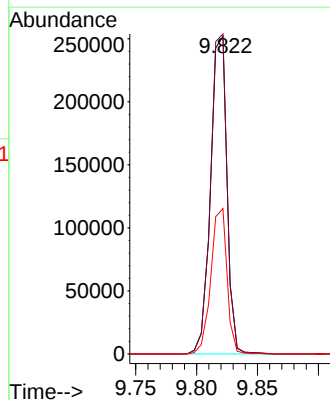
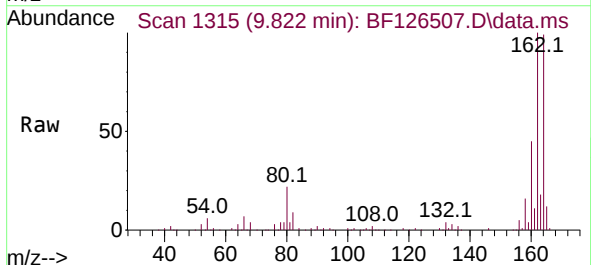
Instrument :
BNA_F
ClientSampleId :
20211306-FIELD-BLANK

Tgt Ion: 82 Resp: 856988
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

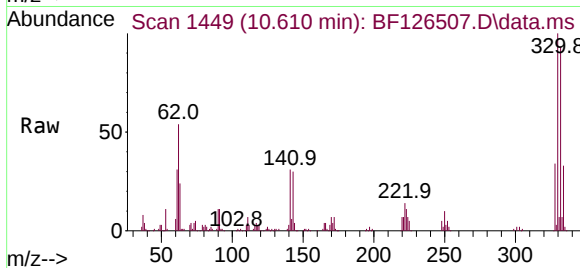
Tgt Ion: 164 Resp: 235707
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 45.8 36.6 54.8



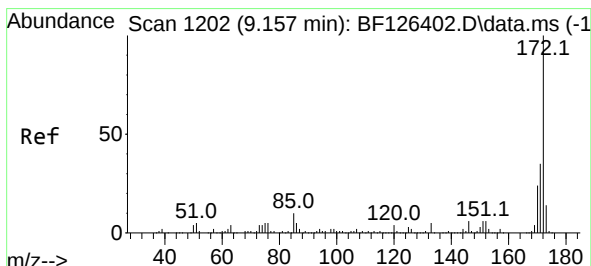
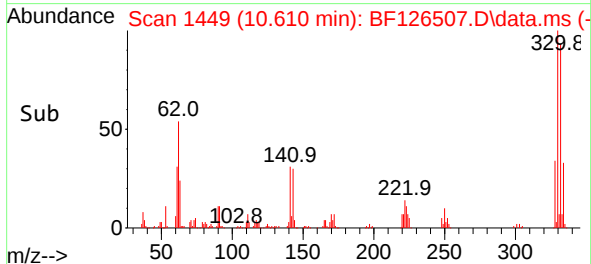
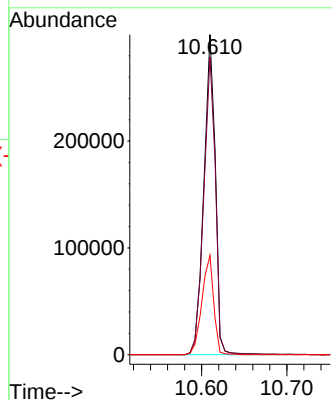


#42
2,4,6-Tribromophenol
Concen: 153.487 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

Instrument :
BNA_F
ClientSampleId :
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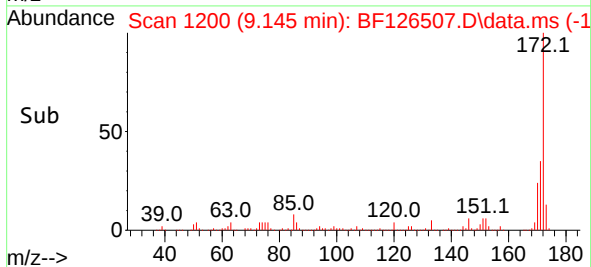
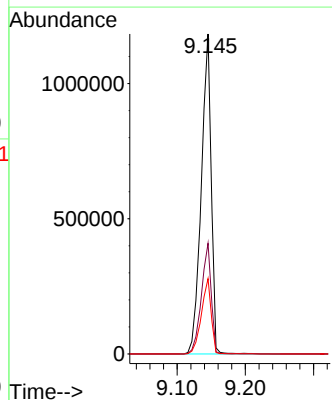
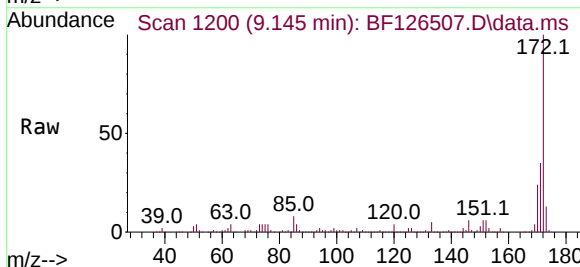


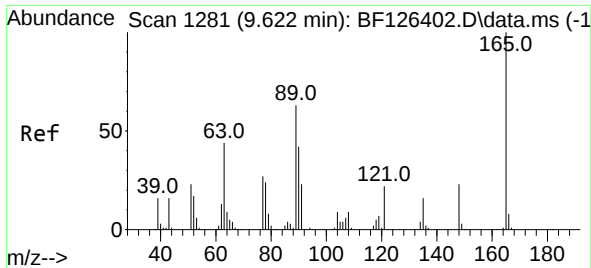
Tgt Ion:330 Resp: 279564
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 31.8 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 89.597 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

Tgt Ion:172 Resp: 1200114
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.6 19.0 28.6

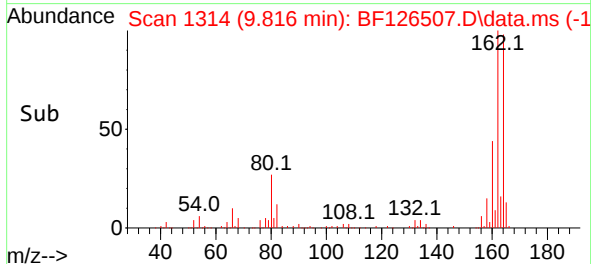
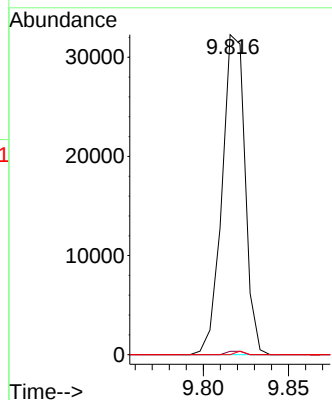
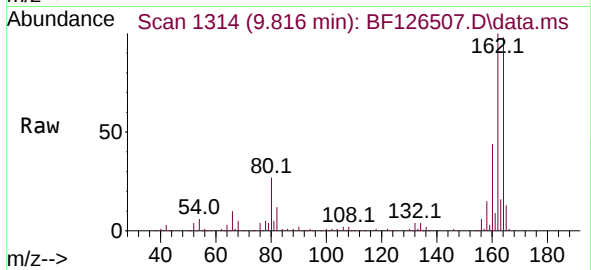




#51
2,6-Dinitrotoluene
Concen: 9.542 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

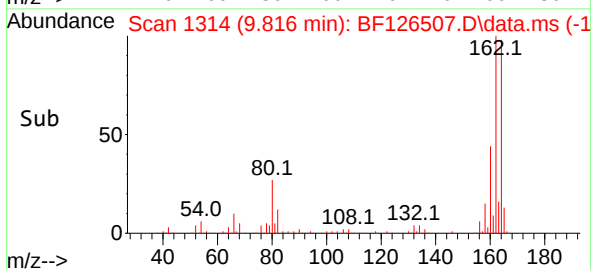
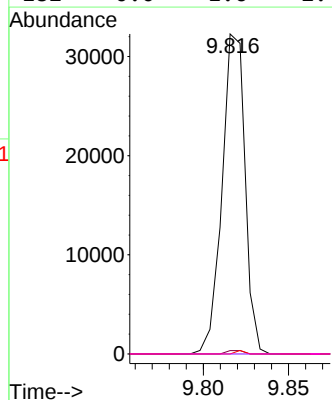
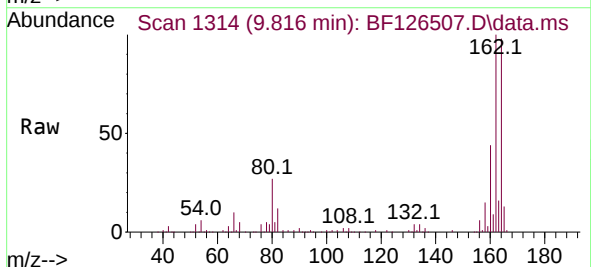
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ClientSampleId :
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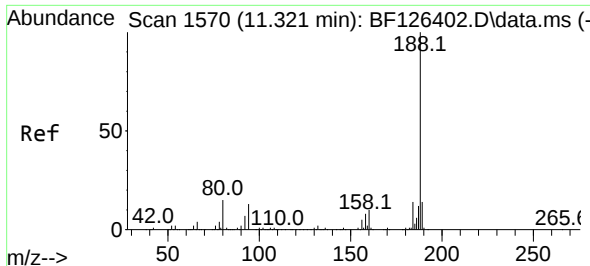
Tgt Ion:165 Resp: 30323
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.396 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

Tgt Ion:165 Resp: 30323
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#

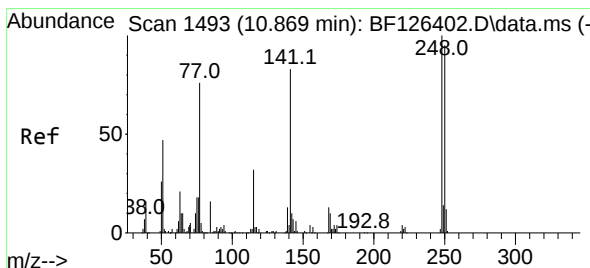
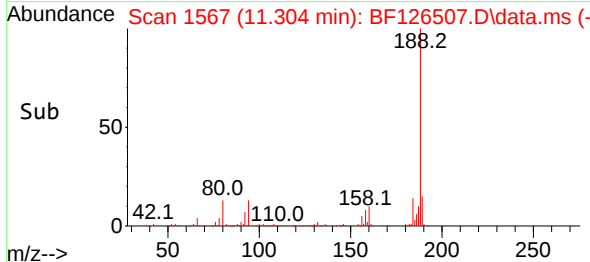
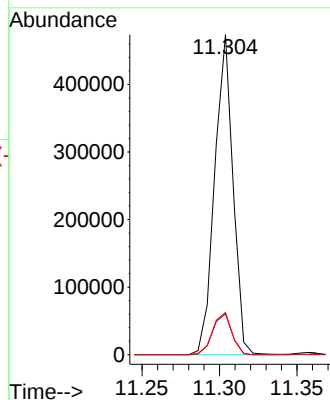
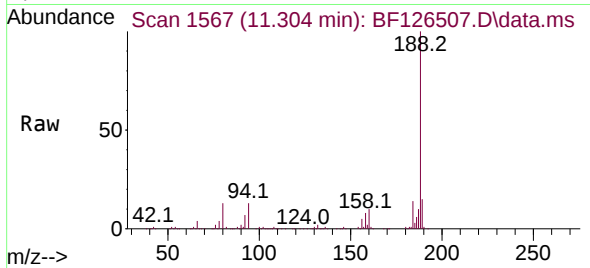




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11304
Delta R.T. -0.006 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

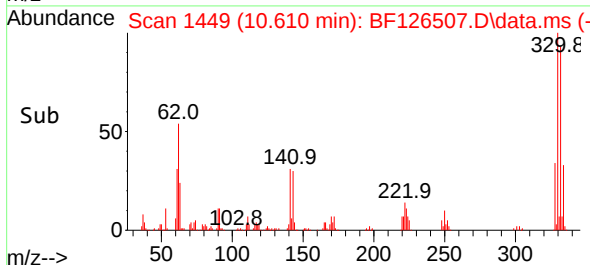
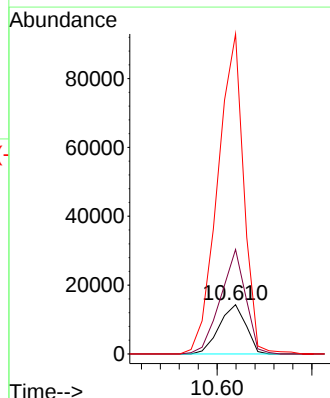
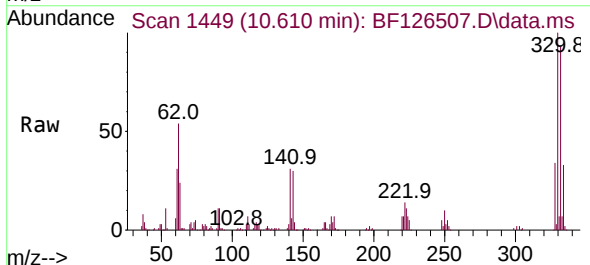
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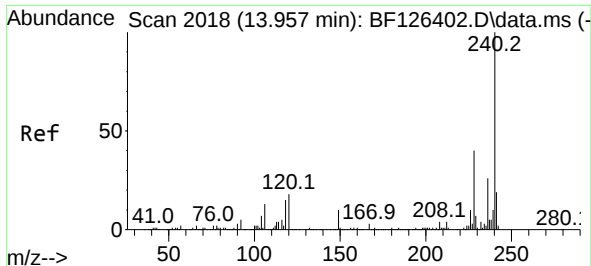
Tgt Ion:188 Resp: 388998
Ion Ratio Lower Upper
188 100
94 12.8 10.1 15.1
80 13.2 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.062 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

Tgt Ion:248 Resp: 14025
Ion Ratio Lower Upper
248 100
250 212.0 76.2 114.4#
141 649.7 66.2 99.4#

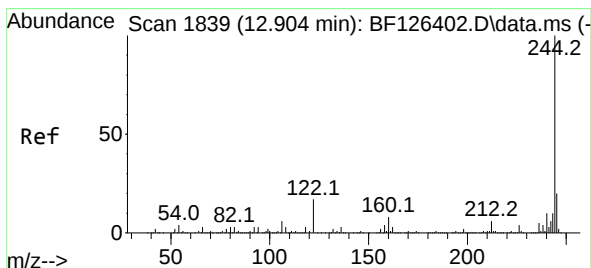
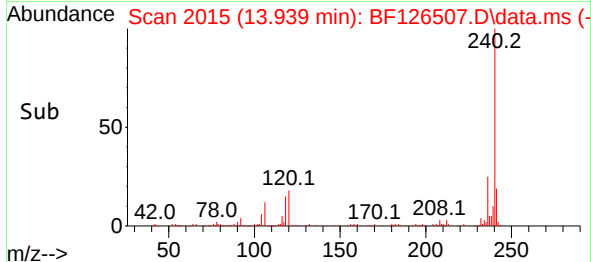
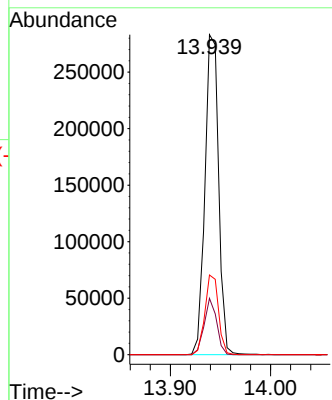
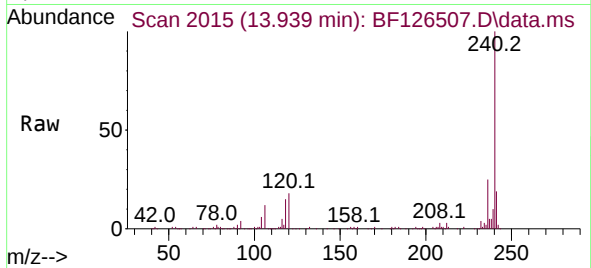




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

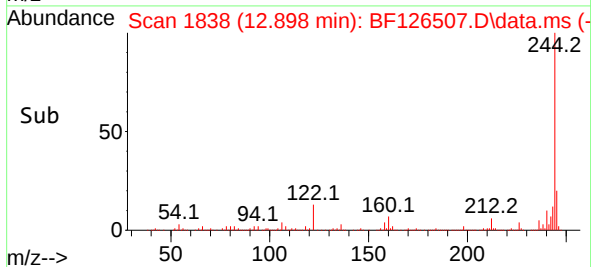
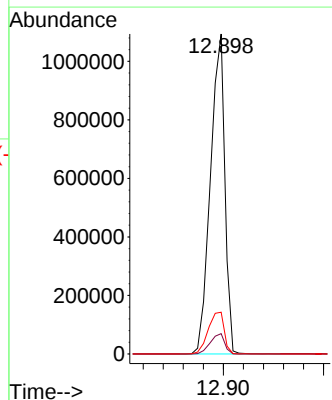
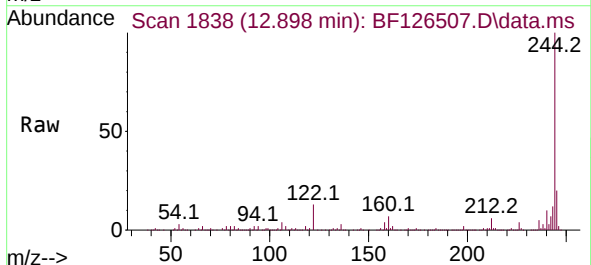
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BNA_F
ClientSampleId :
20211306-FIELD-BLANK

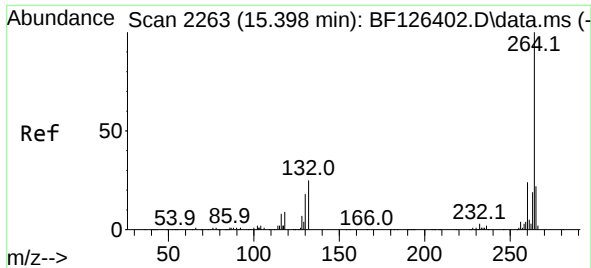
Tgt Ion:240 Resp: 270126
Ion Ratio Lower Upper
240 100
120 17.6 14.4 21.6
236 24.9 20.5 30.7



#79
Terphenyl-d14
Concen: 78.435 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF126507.D
Acq: 5 Jan 2022 20:48

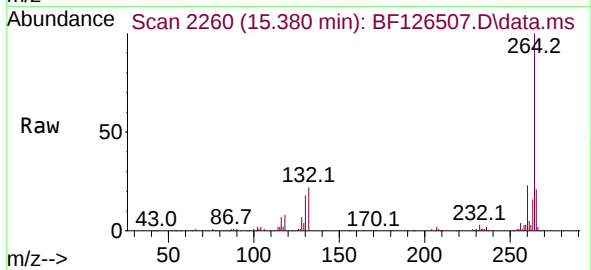
Tgt Ion:244 Resp: 1090487
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 13.1 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126507.D
 Acq: 5 Jan 2022 20:48

Instrument :
 BNA_F
 ClientSampleId :
 20211306-FIELD-BLANK



Tgt Ion:264 Resp: 198009
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.7 17.4 26.2

