

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126570.D
 Acq On : 10 Jan 2022 17:03
 Operator : JU/CG
 Sample : N1054-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220022-CAPE-4-MODIFIED-ELUTRIATE

Quant Time: Jan 11 01:37:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

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

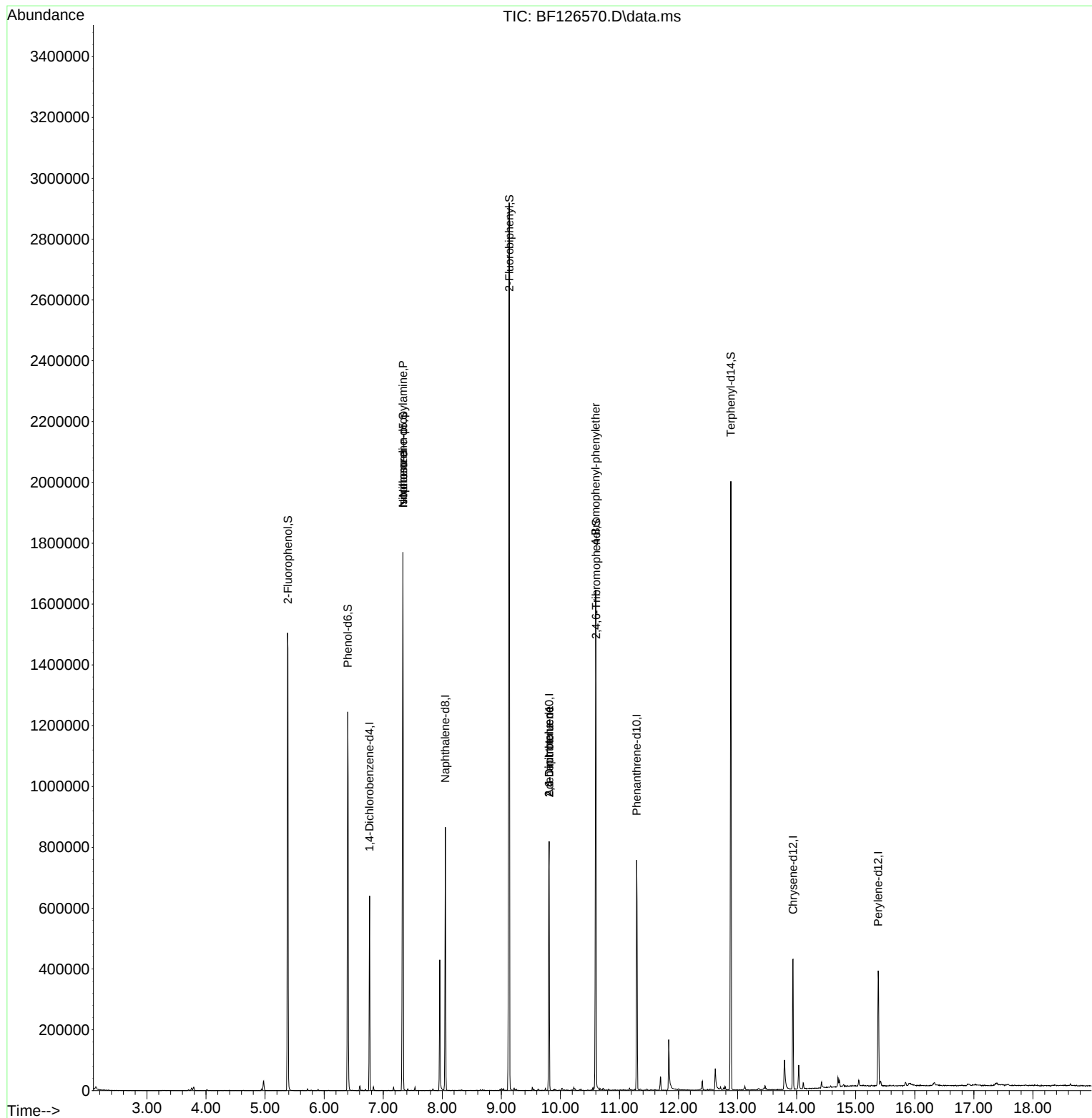
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	85178	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	362362	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	170385	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	264130	20.000	ng	0.00
76) Chrysene-d12	13.939	240	151694	20.000	ng	# 0.00
86) Perylene-d12	15.380	264	160691	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	455195	76.744	ng	0.00
7) Phenol-d6	6.398	99	436399	56.805	ng	-0.01
23) Nitrobenzene-d5	7.334	82	654777	92.781	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	212820	161.638	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	932879	96.347	ng	0.00
79) Terphenyl-d14	12.886	244	670920	85.933	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.334	70	82522	18.824	ng	# 82
25) Isophorone	7.334	82	654533	51.809	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	22000	9.577	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	22000	7.423	ng	# 14
67) 4-Bromophenyl-phenylether	10.598	248	11203	4.779	ng	# 1
77) Benzidine	12.886	184	8316	Below Cal		96

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

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Quant Time: Jan 11 01:37:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

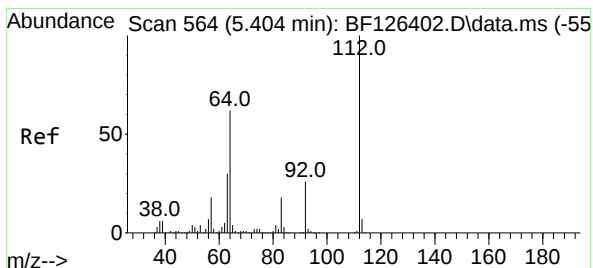
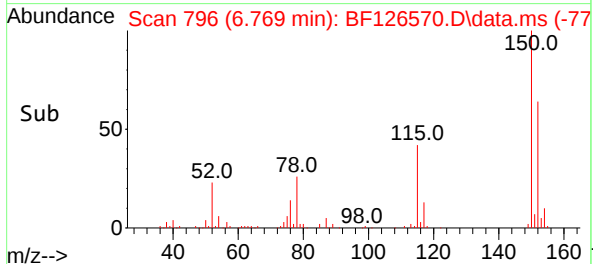
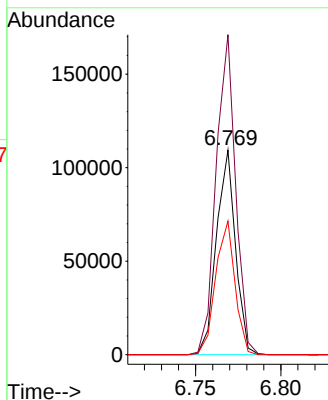
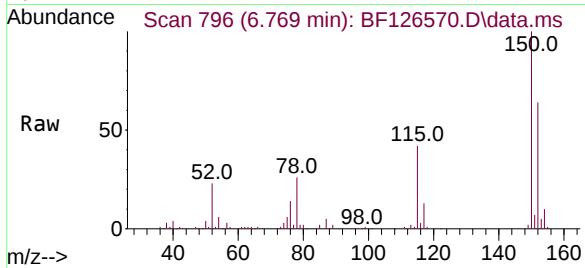




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

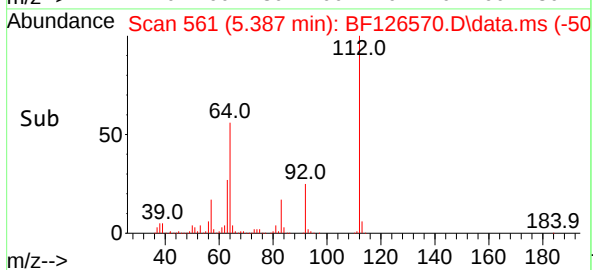
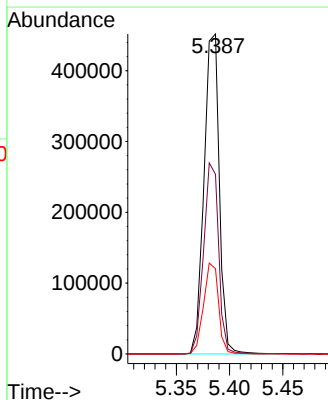
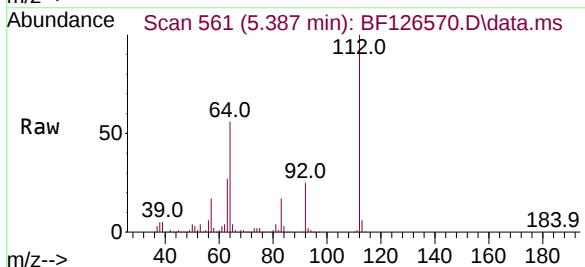
Instrument :
BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

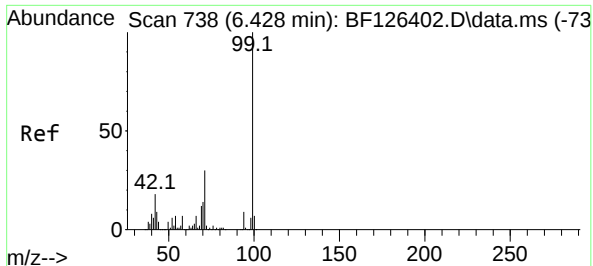
Tgt Ion:152 Resp: 85178
Ion Ratio Lower Upper
152 100
150 156.5 128.1 192.1
115 65.3 56.7 85.1



#5
2-Fluorophenol
Concen: 76.744 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

Tgt Ion:112 Resp: 455195
Ion Ratio Lower Upper
112 100
64 56.2 49.5 74.3
63 26.6 23.9 35.9

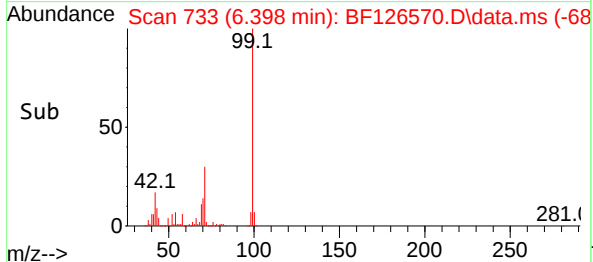
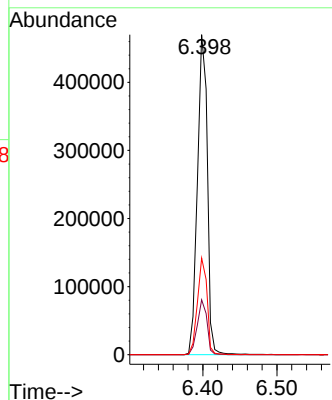
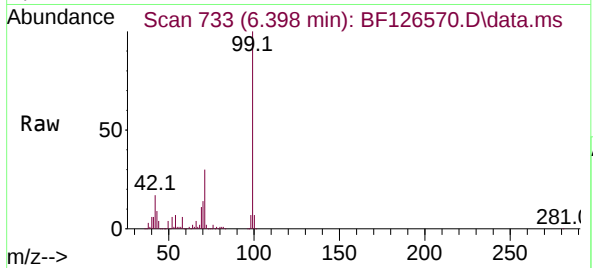




#7
Phenol-d6
Concen: 56.805 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

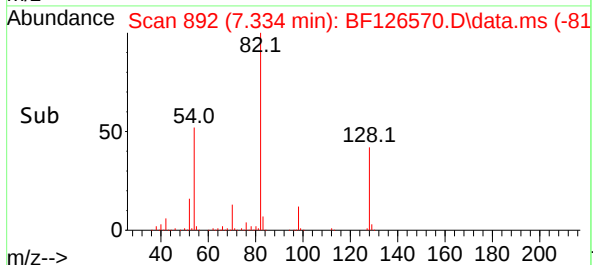
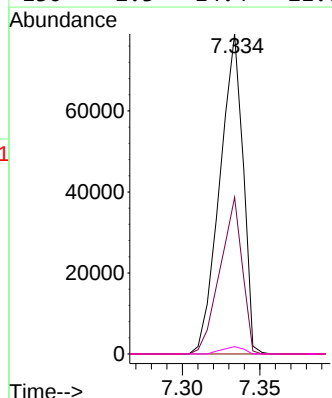
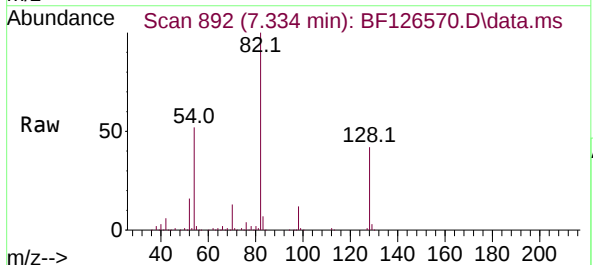
Instrument :
BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

Tgt Ion: 99 Resp: 436399
Ion Ratio Lower Upper
99 100
42 17.1 14.2 21.4
71 30.2 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.824 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

Tgt Ion: 70 Resp: 82522
Ion Ratio Lower Upper
70 100
42 48.9 45.8 68.8
101 0.0 6.9 10.3#
130 2.3 14.4 21.6#

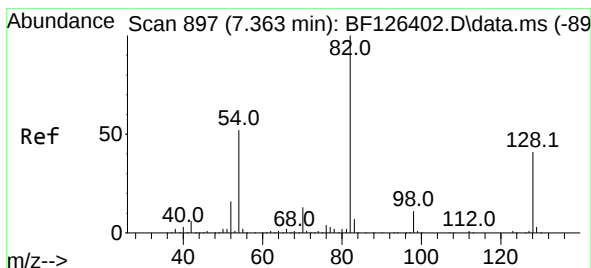
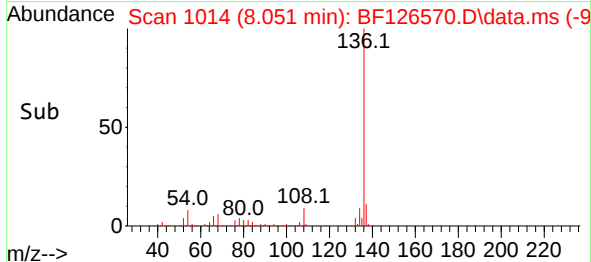
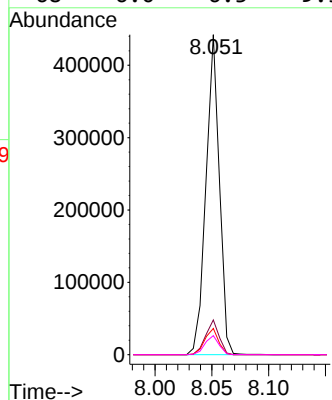
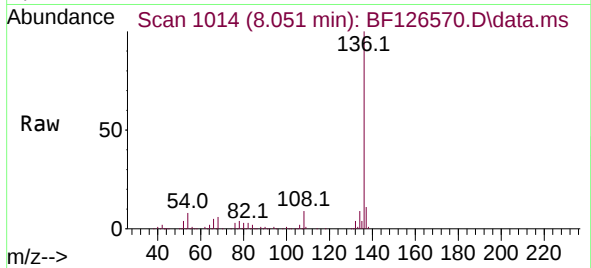




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

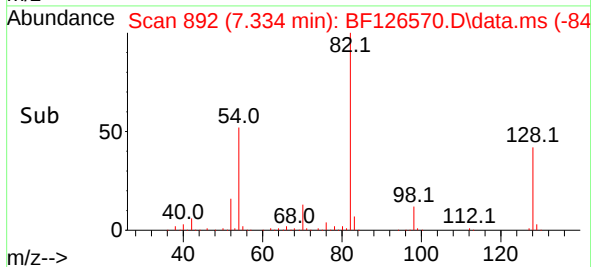
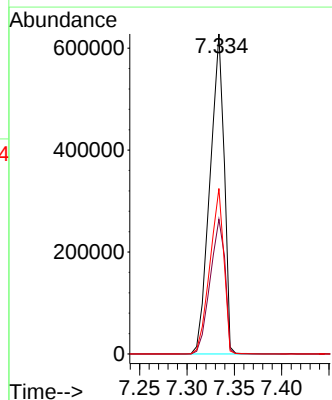
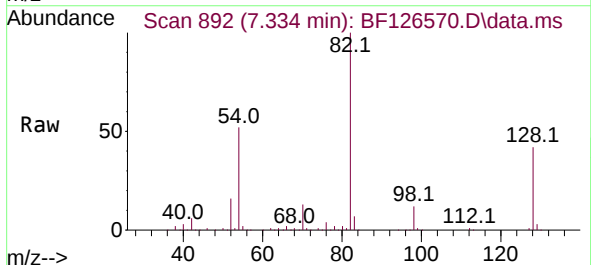
Instrument :
BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

Tgt Ion:136 Resp: 362362
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.2 7.8 11.6
68 6.0 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 92.781 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

Tgt Ion: 82 Resp: 654777
Ion Ratio Lower Upper
82 100
128 42.1 32.7 49.1
54 51.7 41.7 62.5

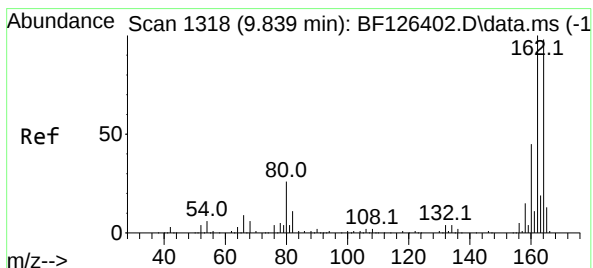
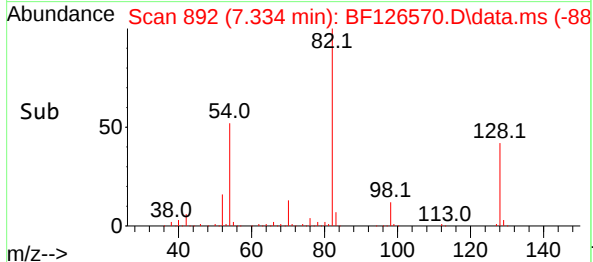
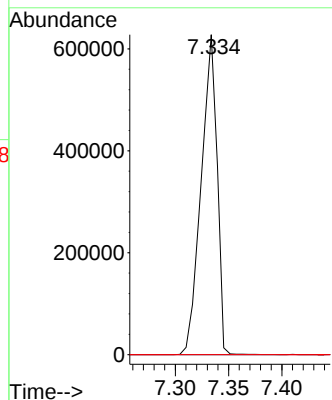
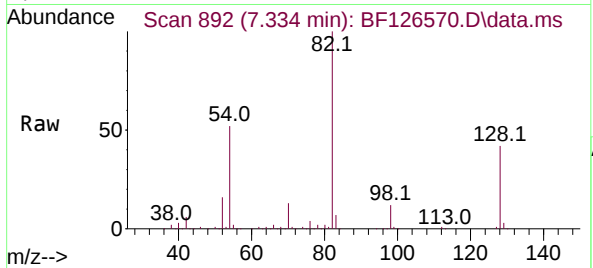




#25
Isophorone
Concen: 51.809 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

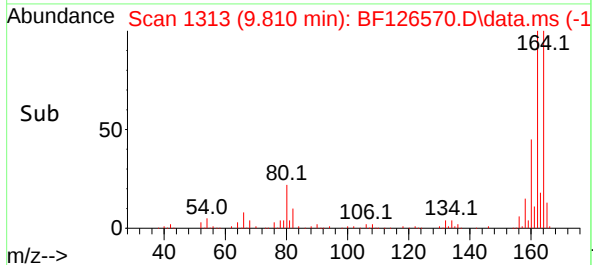
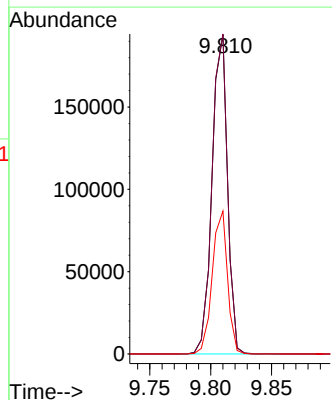
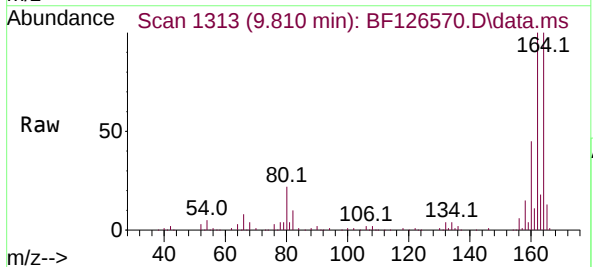
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ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

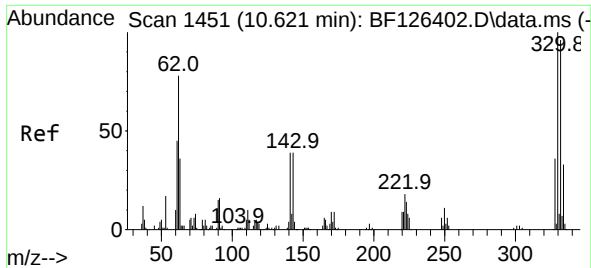
Tgt Ion: 82 Resp: 654533
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

Tgt Ion:164 Resp: 170385
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 44.8 36.6 54.8

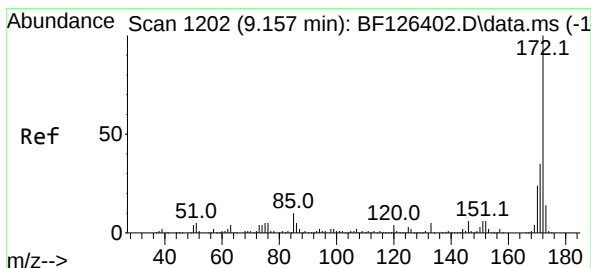
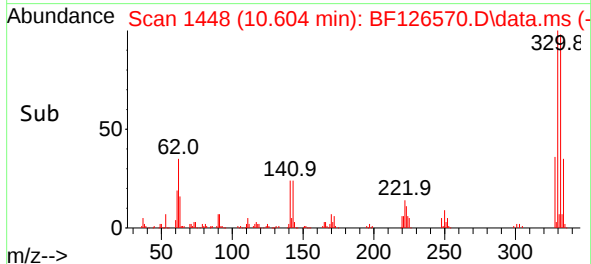
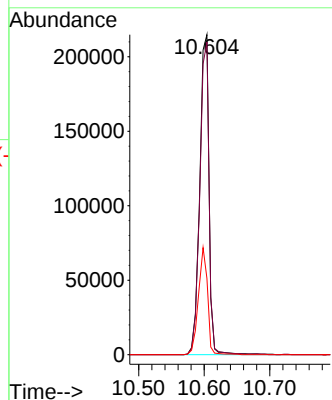
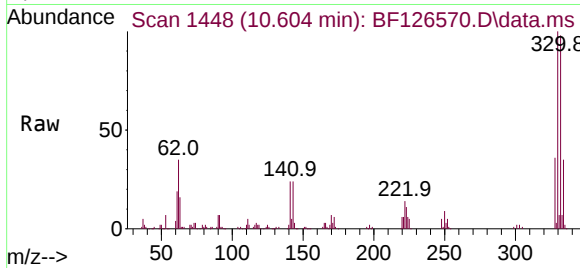




#42
2,4,6-Tribromophenol
Concen: 161.638 ng
RT: 10.604 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

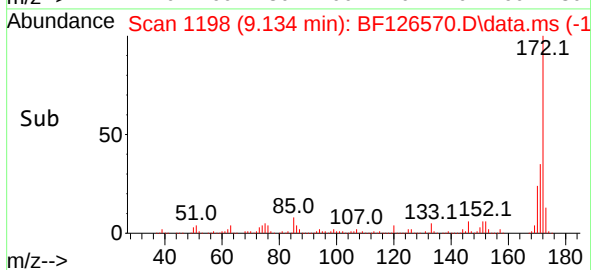
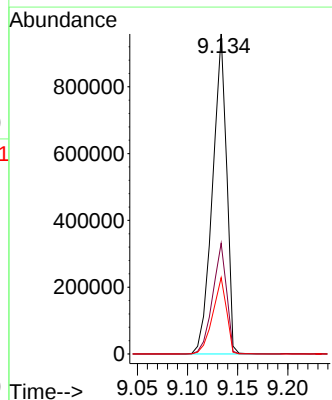
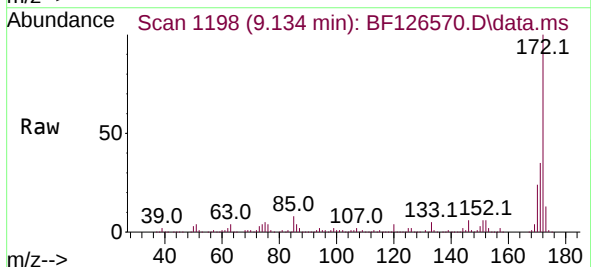
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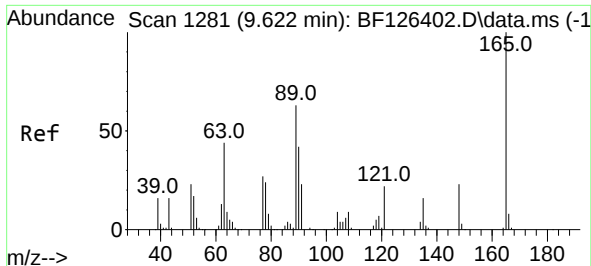
Tgt Ion: 330 Resp: 212820
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 32.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 96.347 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

Tgt Ion: 172 Resp: 932879
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.9 19.0 28.6

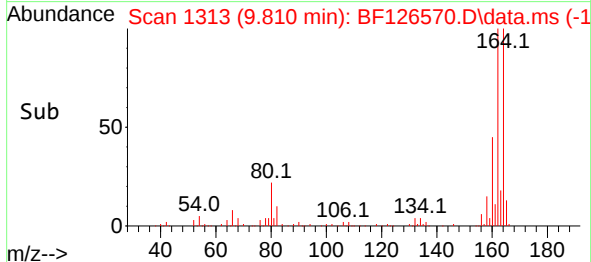
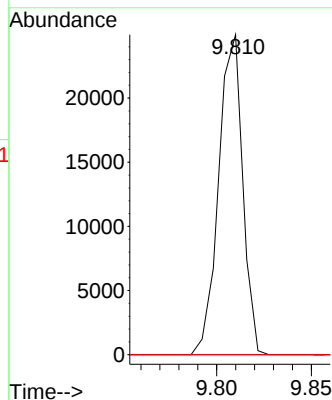
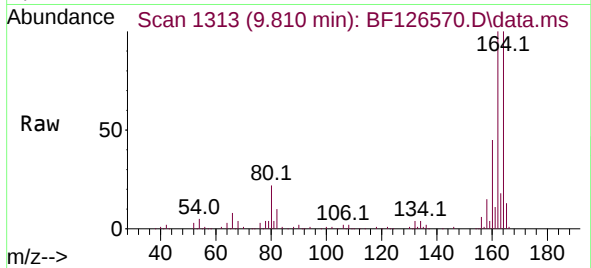




#51
2,6-Dinitrotoluene
Concen: 9.577 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

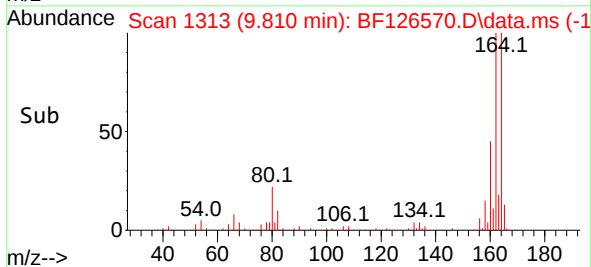
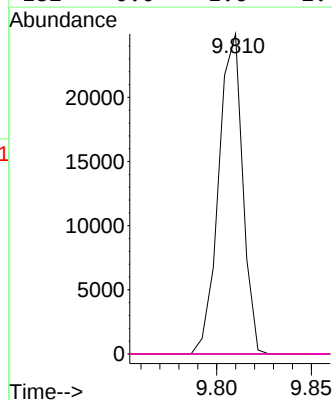
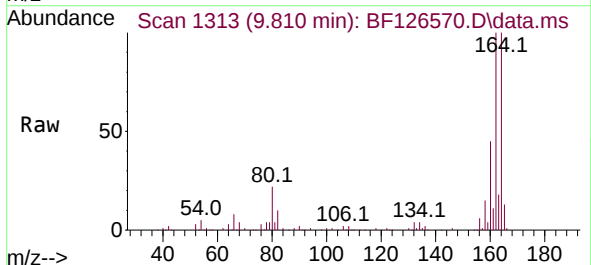
Instrument :
BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

Tgt Ion:165 Resp: 22000
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.423 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

Tgt Ion:165 Resp: 22000
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#

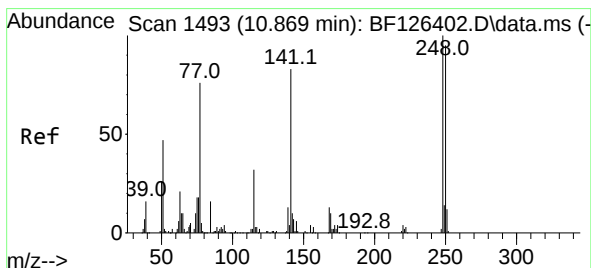
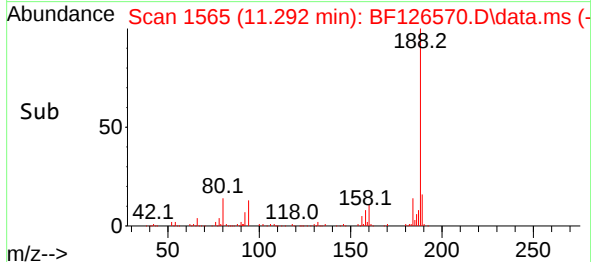
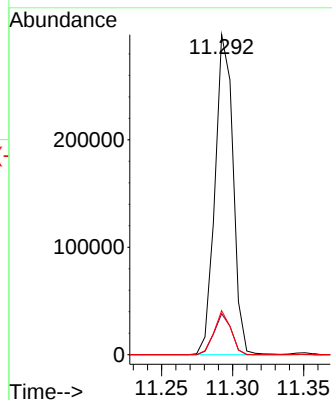
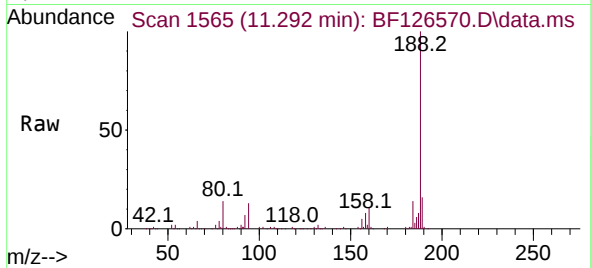




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

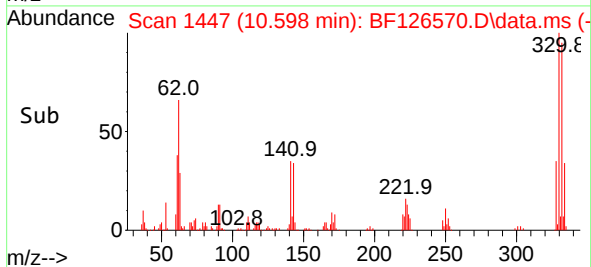
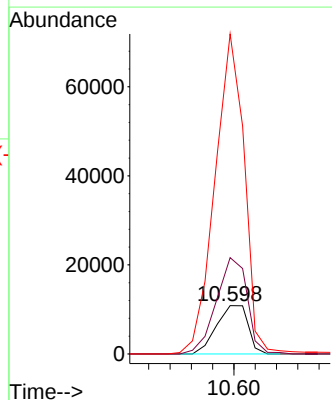
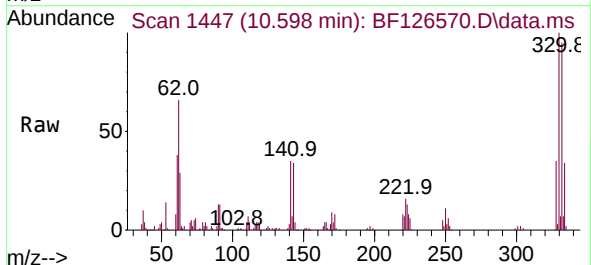
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BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

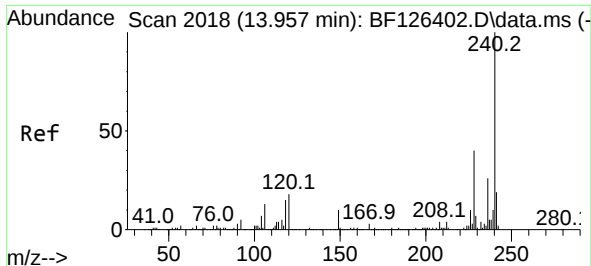
Tgt Ion:188 Resp: 264130
Ion Ratio Lower Upper
188 100
94 12.8 10.1 15.1
80 13.7 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.779 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

Tgt Ion:248 Resp: 11203
Ion Ratio Lower Upper
248 100
250 199.4 76.2 114.4#
141 662.4 66.2 99.4#

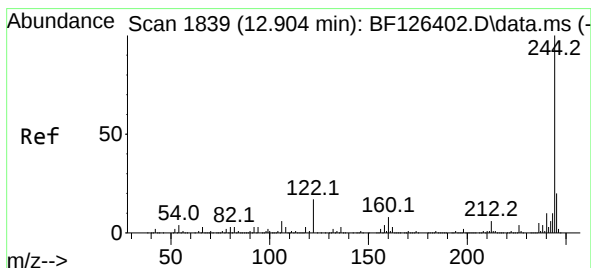
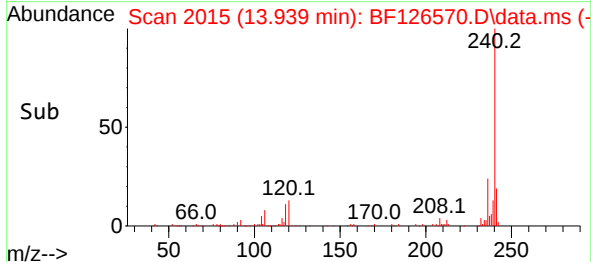
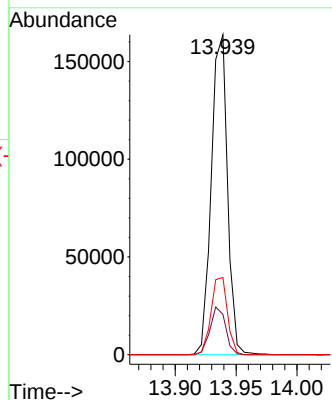
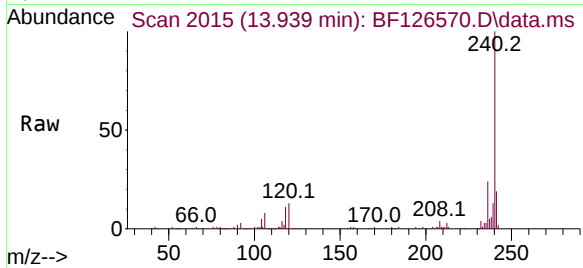




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

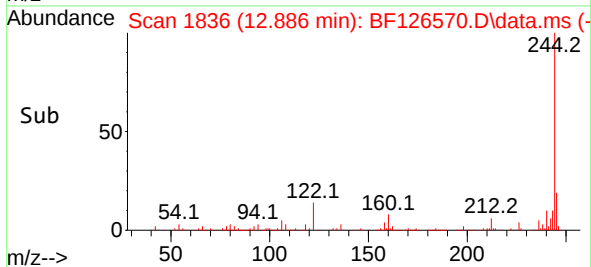
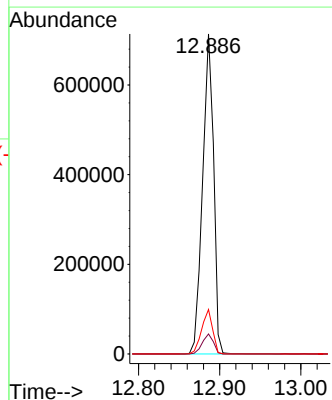
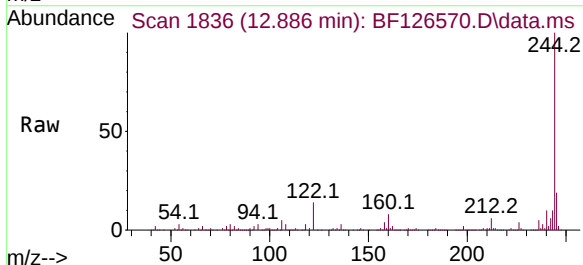
Instrument :
BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

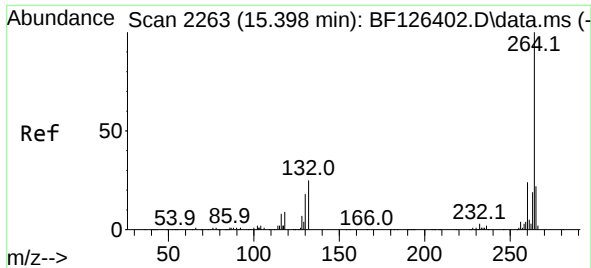
Tgt Ion:240 Resp: 151694
Ion Ratio Lower Upper
240 100
120 12.6 14.4 21.6#
236 24.1 20.5 30.7



#79
Terphenyl-d14
Concen: 85.933 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

Tgt Ion:244 Resp: 670920
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 13.9 13.3 19.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

Instrument :
BNA_F
ClientSampleId :
20220022-CAPE-4-MODIFIED-ELUTRIATE

Tgt Ion:264 Resp: 160691
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.2 17.4 26.2

