

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

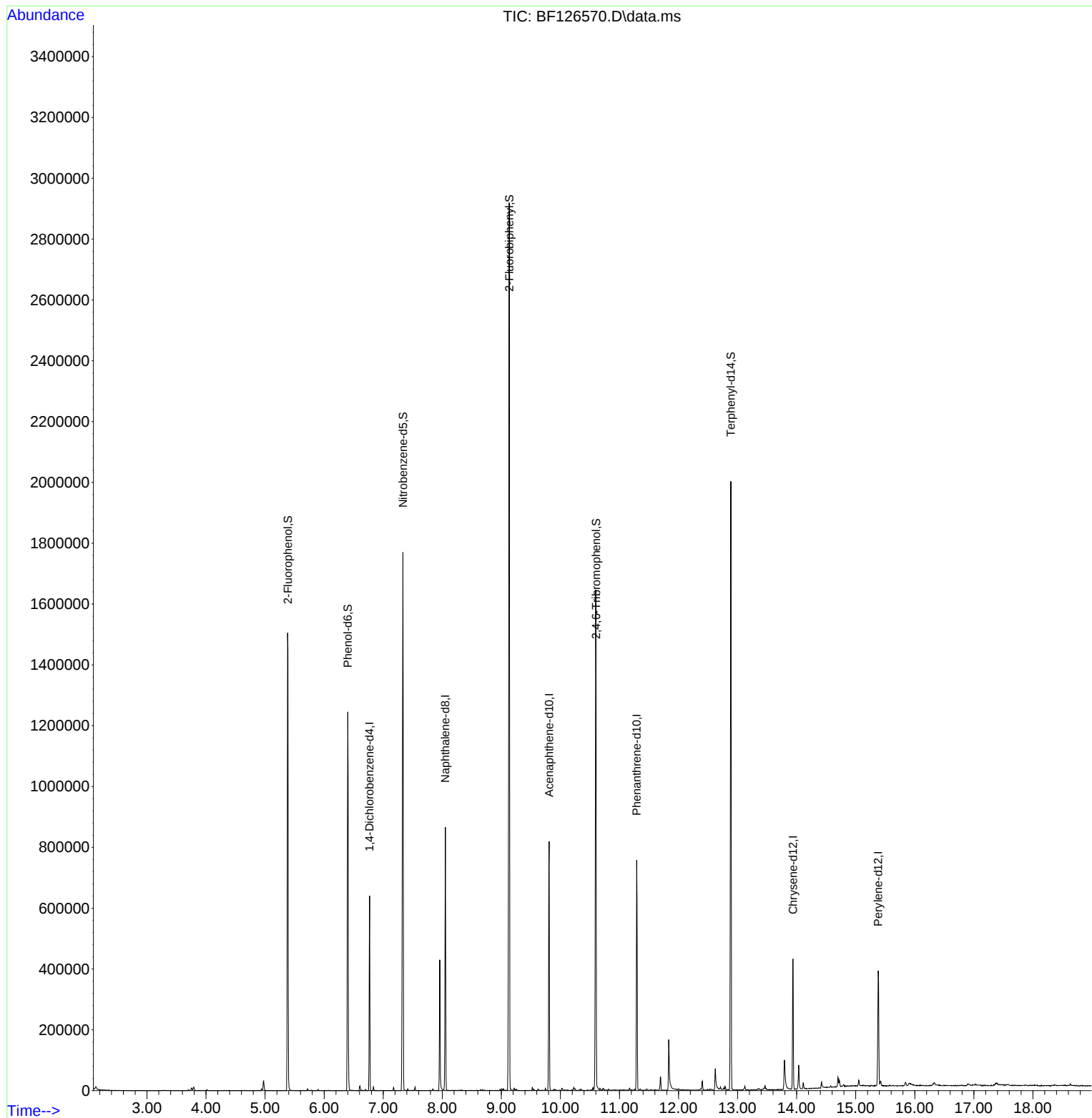
Target Compounds	Qvalue

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

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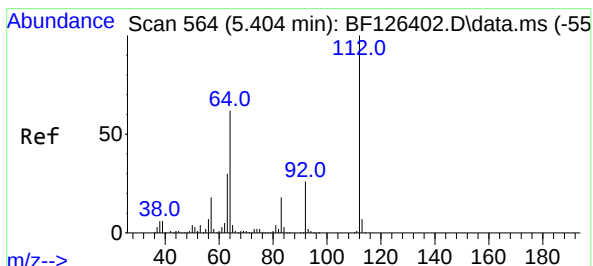
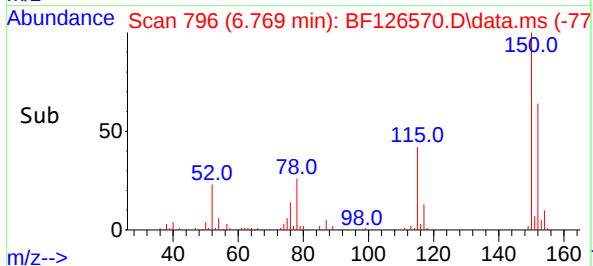
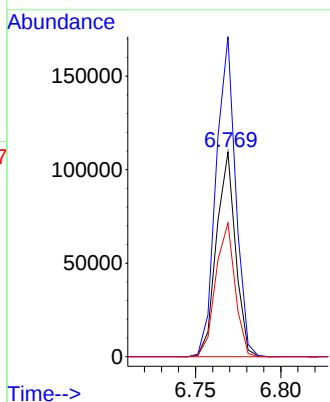
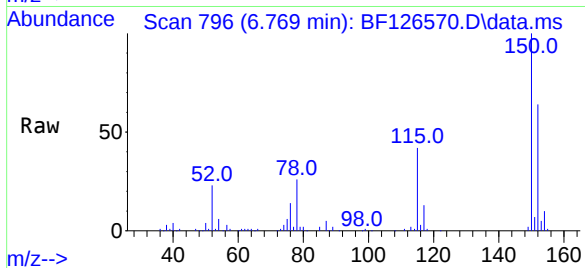




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

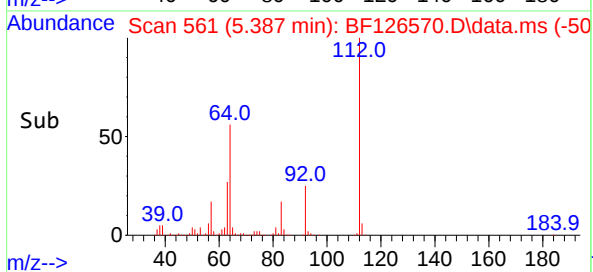
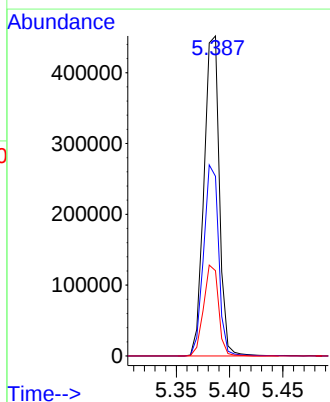
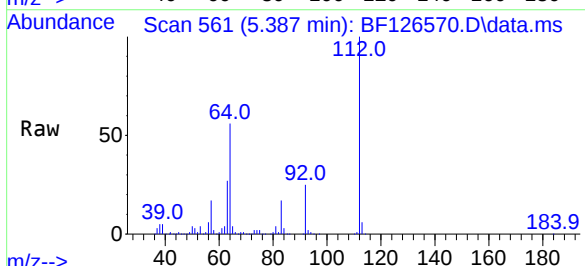
Instrument :
BNA_F
ClientSampleId :
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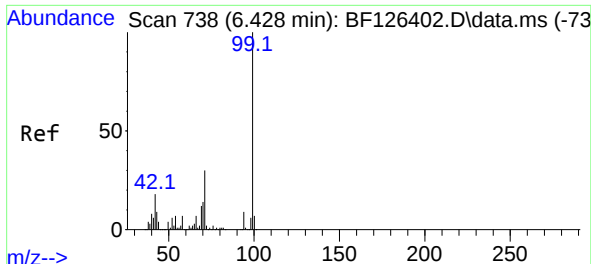
Tgt Ion:152 Resp: 85178
Ion Ratio Lower Upper
152 100
150 156.5 128.1 192.1
115 65.3 56.7 85.1



#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

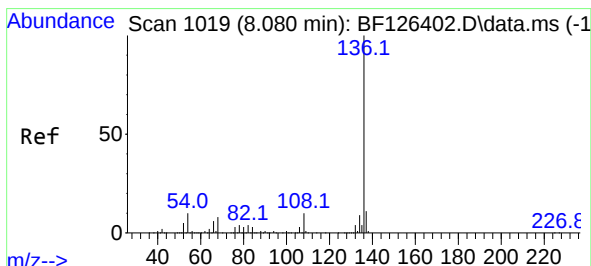
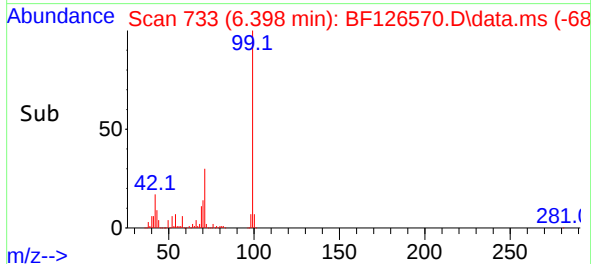
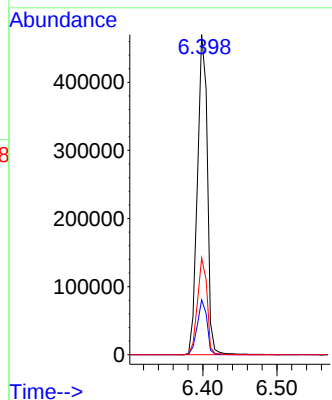
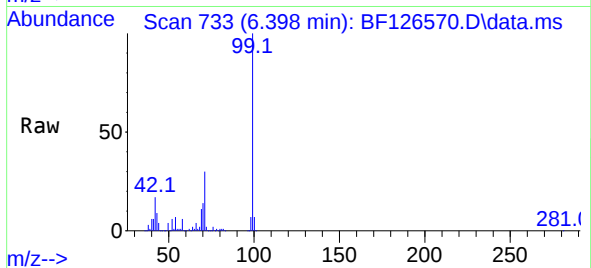




#7
Phenol-d6
Concen: 56.805 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

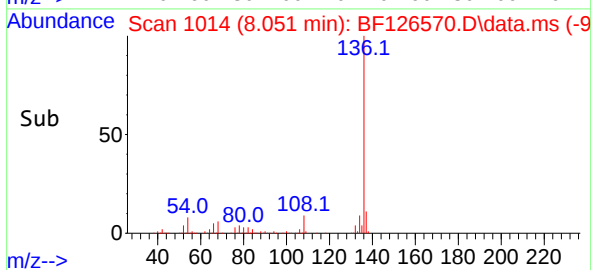
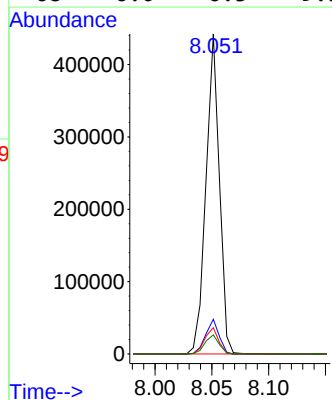
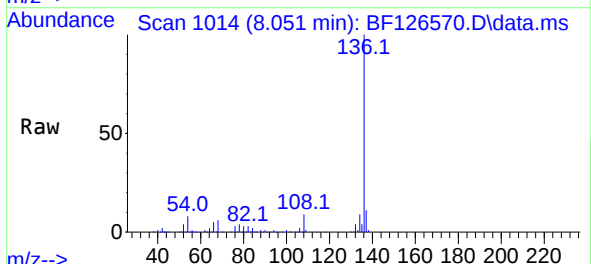
Instrument :
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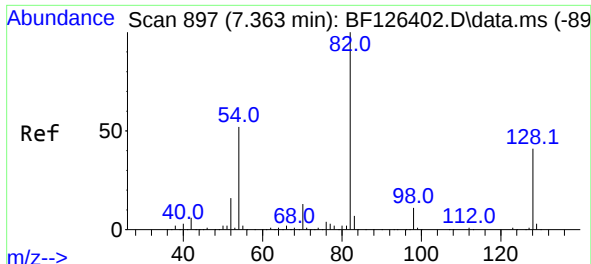
Tgt Ion: 99 Resp: 436399
Ion Ratio Lower Upper
99 100
42 17.1 14.2 21.4
71 30.2 24.3 36.5



#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

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#

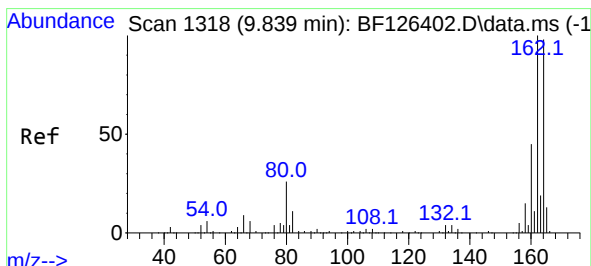
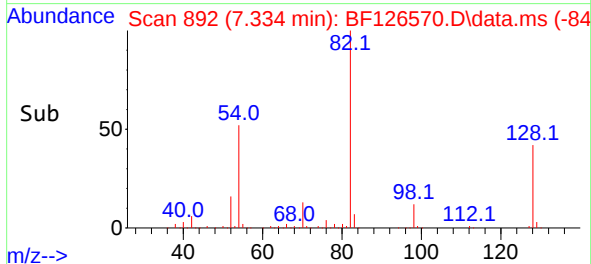
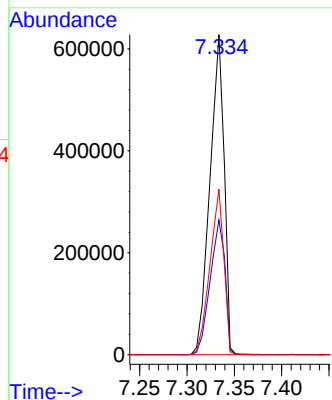
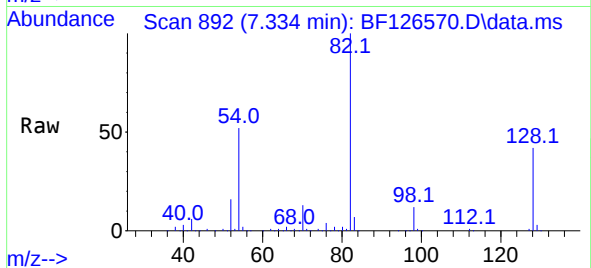




#23
Nitrobenzene-d5
Concen: 92.781 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

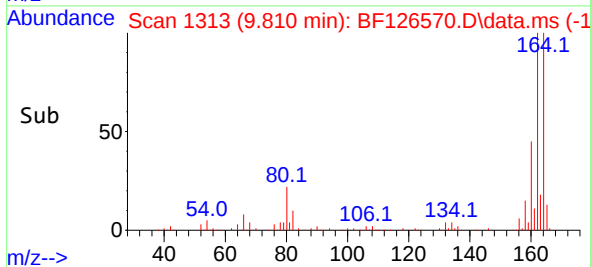
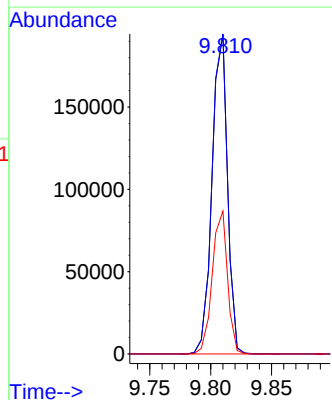
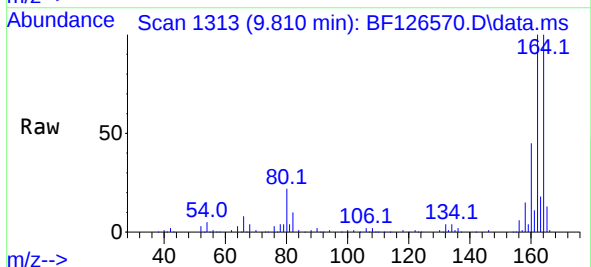
Instrument :
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ClientSampleId :
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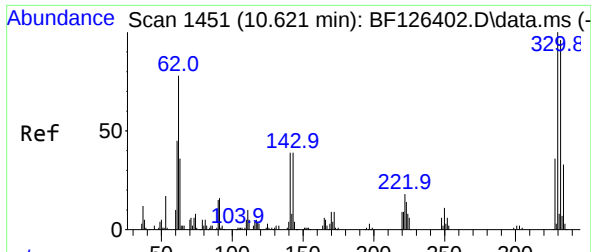
Tgt Ion: 82 Resp: 654777
Ion Ratio Lower Upper
82 100
128 42.1 32.7 49.1
54 51.7 41.7 62.5



#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

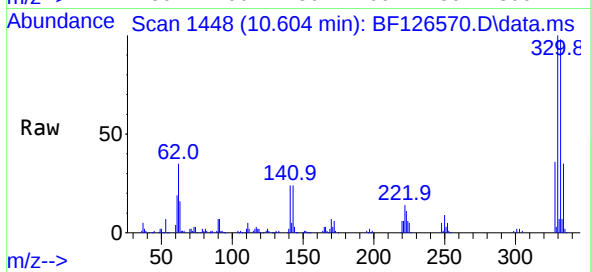
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Instrument :

BNA_F

ClientSampleId :

20220022-CAPE-4-MODIFIED-ELUTRIATE



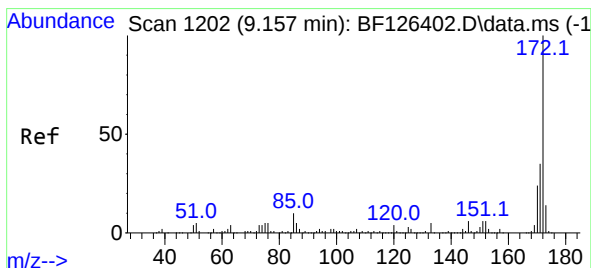
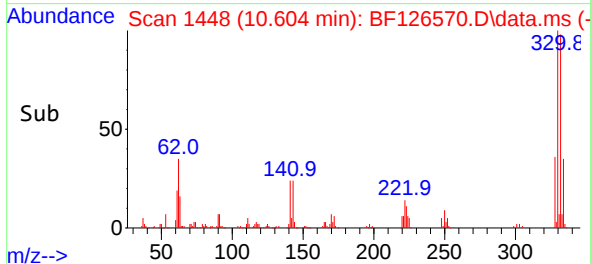
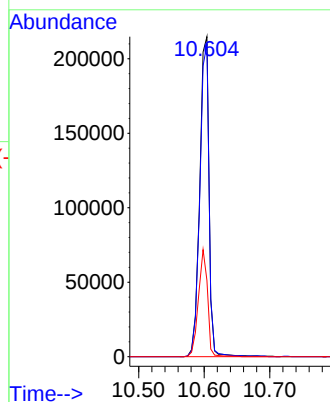
Tgt Ion:330 Resp: 212820

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

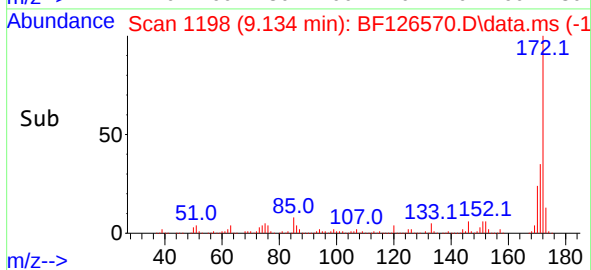
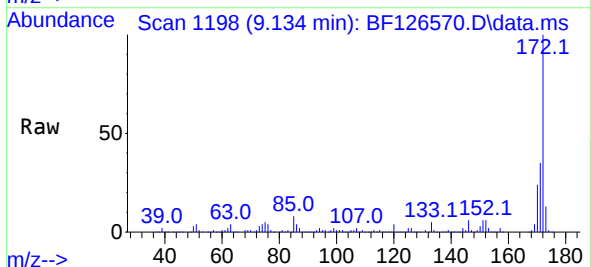
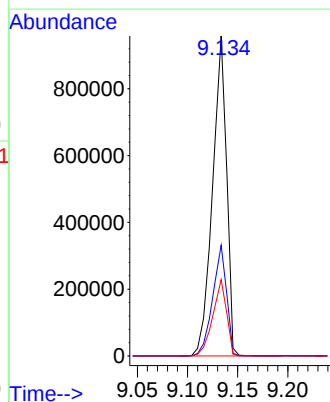
Tgt Ion:172 Resp: 932879

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.9 19.0 28.6

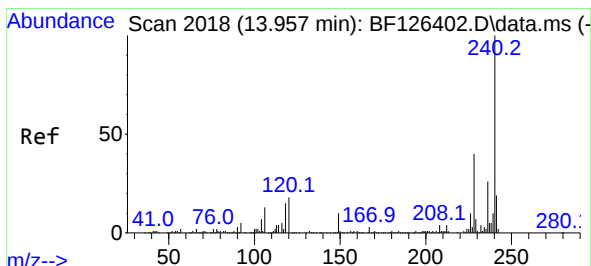
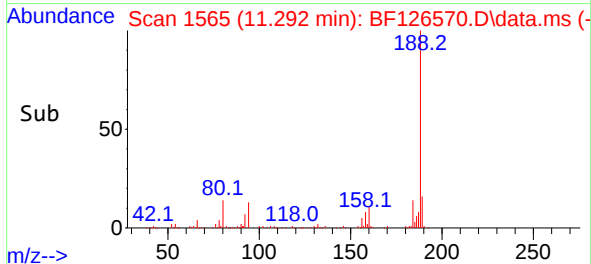
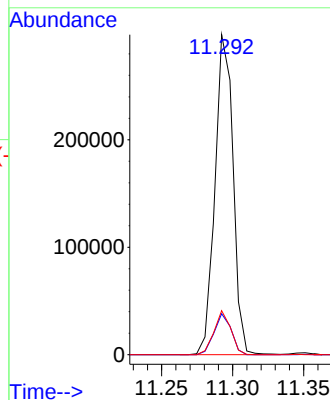
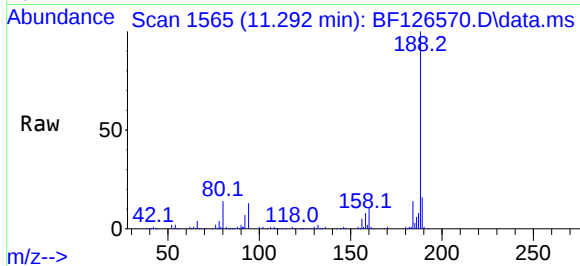




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126570.D
Acq: 10 Jan 2022 17:03

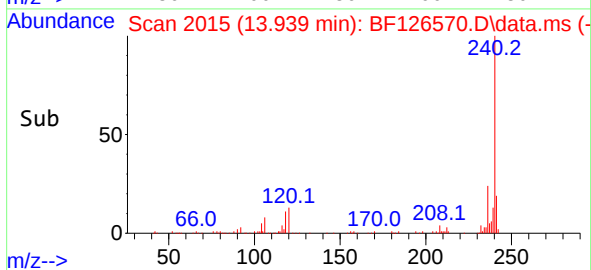
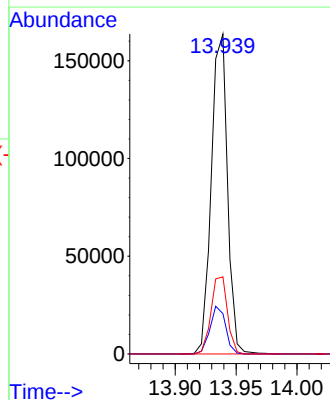
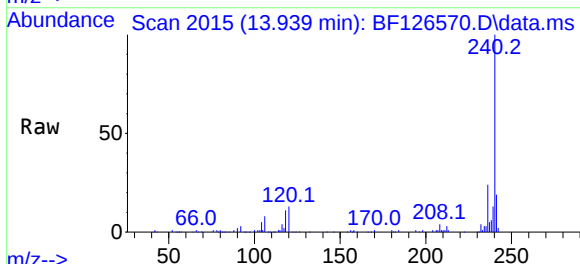
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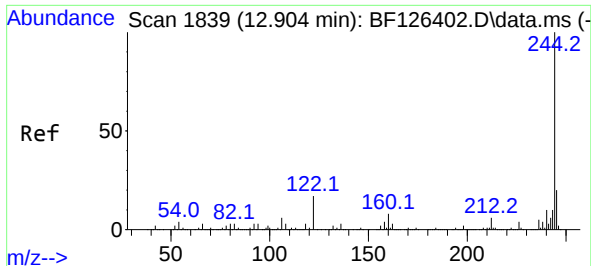
Tgt Ion:188 Resp: 264130
Ion Ratio Lower Upper
188 100
94 12.8 10.1 15.1
80 13.7 11.8 17.6



#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

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

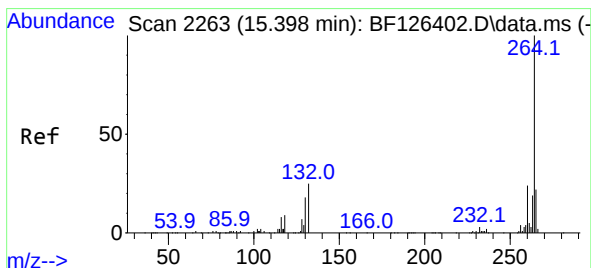
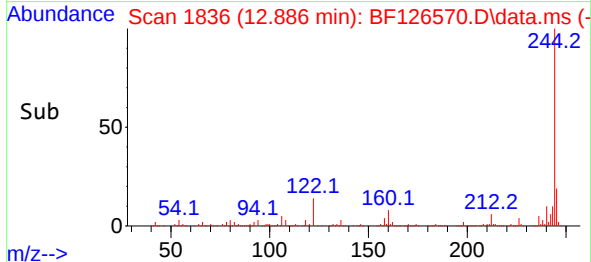
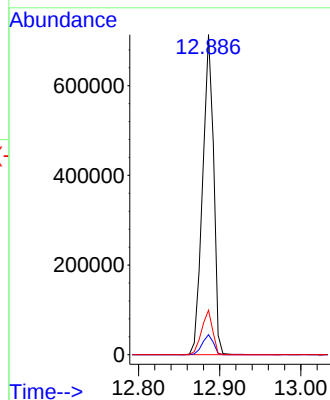
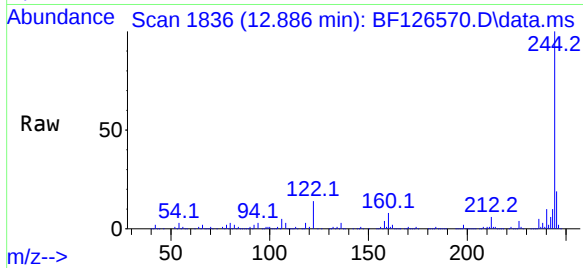




#79
 Terphenyl-d14
 Concen: 85.933 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126570.D
 Acq: 10 Jan 2022 17:03

Instrument :
 BNA_F
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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# 2260
 Delta R.T. -0.018 min
 Lab File: BF126570.D
 Acq: 10 Jan 2022 17:03

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

