

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126530.D
 Acq On : 6 Jan 2022 20:43
 Operator : JU/CG
 Sample : M5196-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-3-SHALLOW

Quant Time: Jan 07 08:34:28 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	75760	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	296824	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	122923	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	171780	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	163285	20.000	ng	0.00
86) Perylene-d12	15.392	264	171693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	557166	105.613	ng	0.00
7) Phenol-d6	6.410	99	683685	100.057	ng	-0.01
23) Nitrobenzene-d5	7.339	82	423470	73.254	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	99918	105.190	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	579503	82.960	ng	-0.01
79) Terphenyl-d14	12.892	244	458231	54.525	ng	0.00

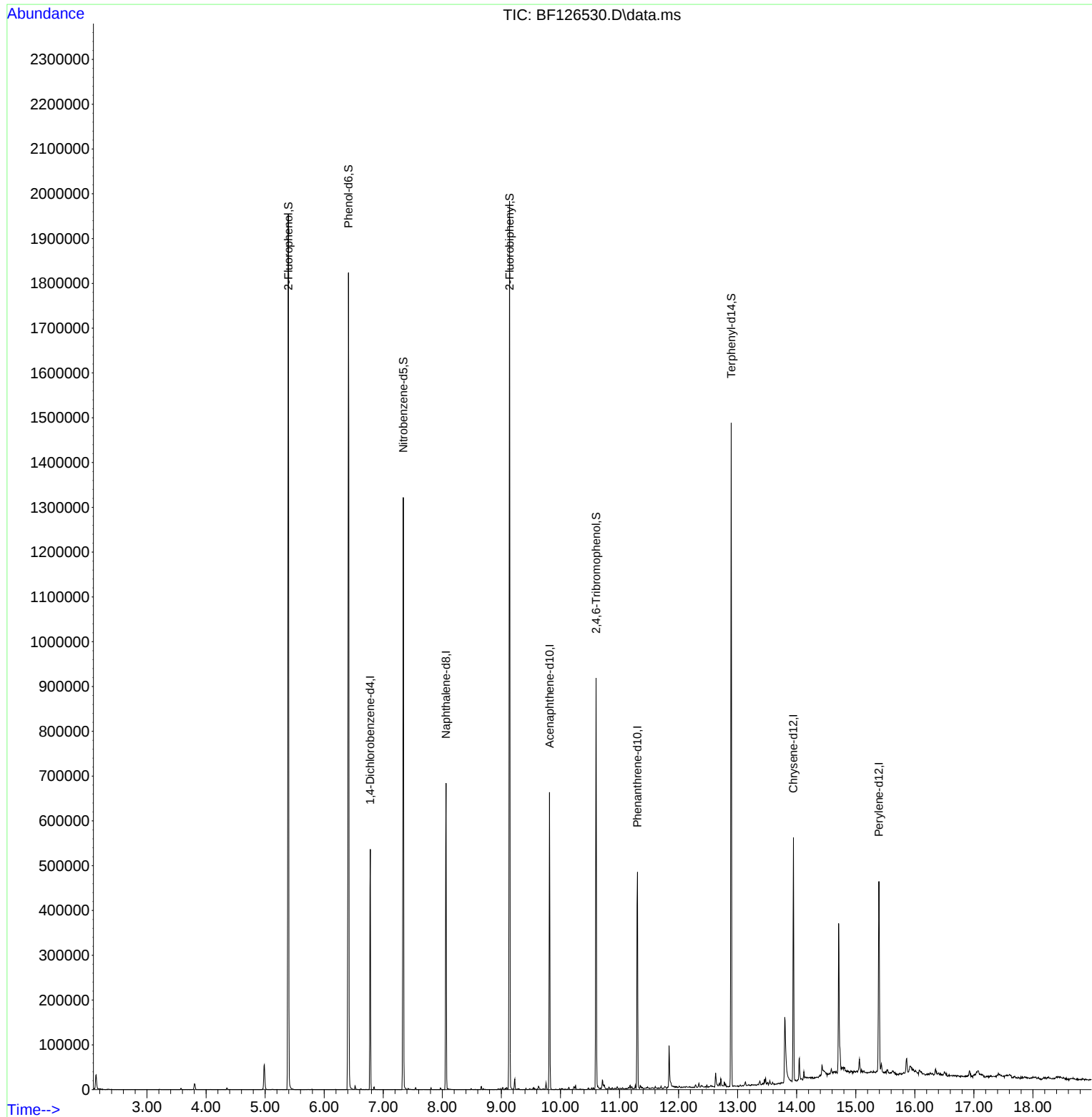
Target Compounds	Qvalue

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

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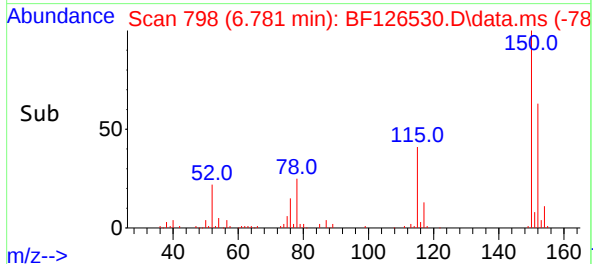
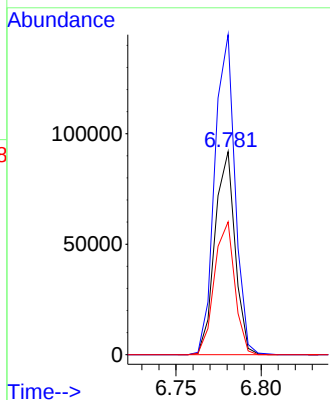
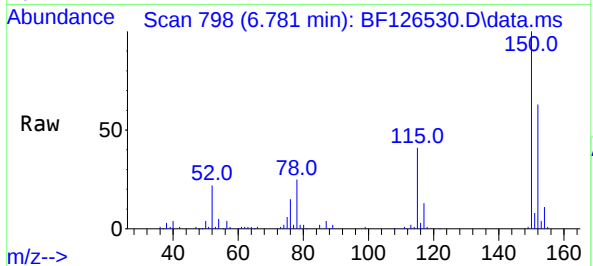




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

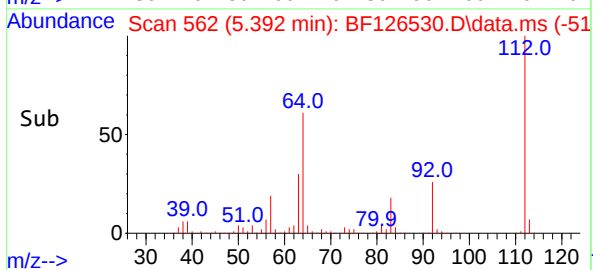
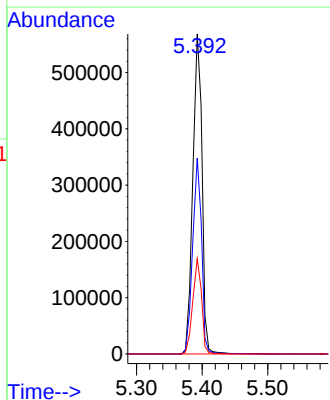
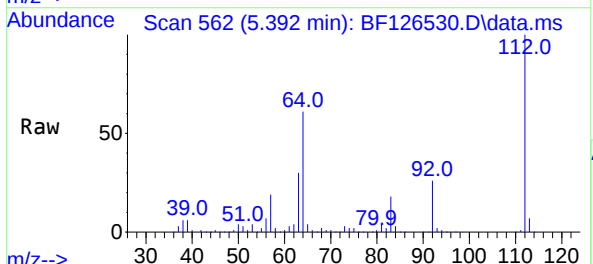
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COMPOSITE-SAMPLE-3-SHALLOW

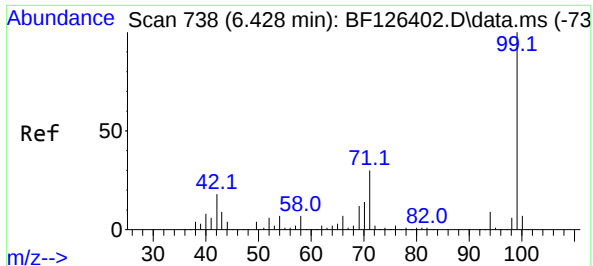
Tgt Ion:152 Resp: 75760
Ion Ratio Lower Upper
152 100
150 157.5 128.1 192.1
115 65.4 56.7 85.1



#5
2-Fluorophenol
Concen: 105.613 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

Tgt Ion:112 Resp: 557166
Ion Ratio Lower Upper
112 100
64 61.2 49.5 74.3
63 29.7 23.9 35.9

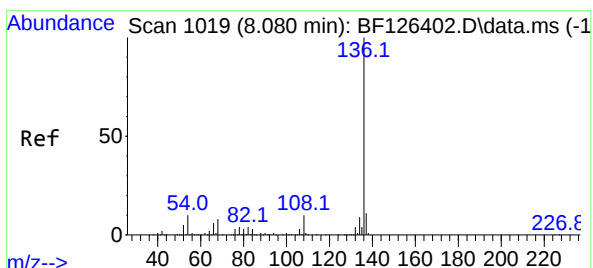
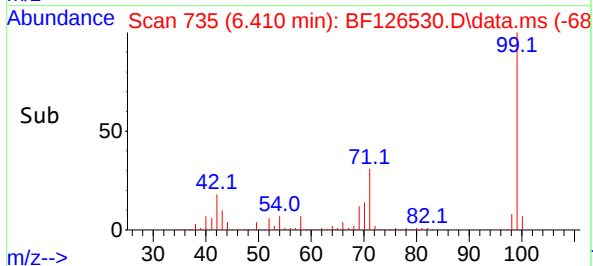
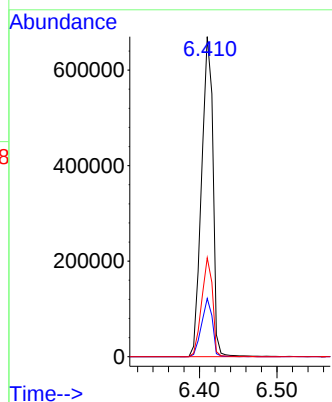
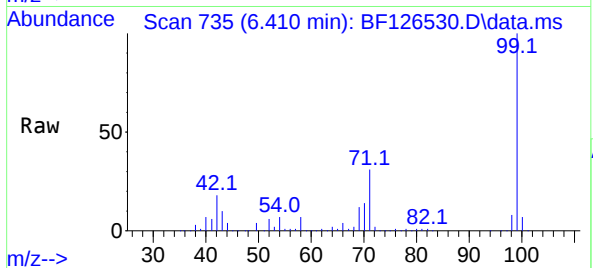




#7
Phenol-d6
Concen: 100.057 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

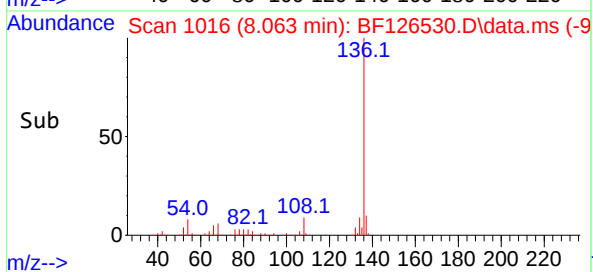
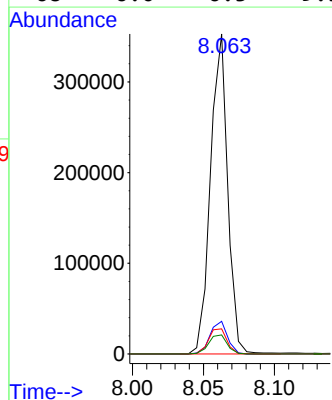
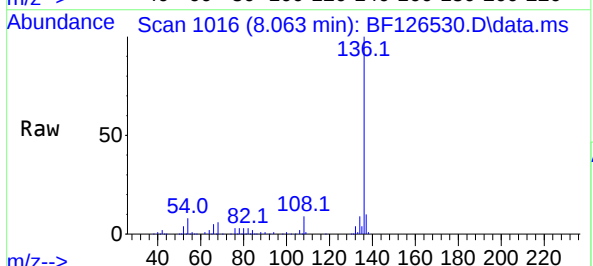
Instrument :
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COMPOSITE-SAMPLE-3-SHALLOW

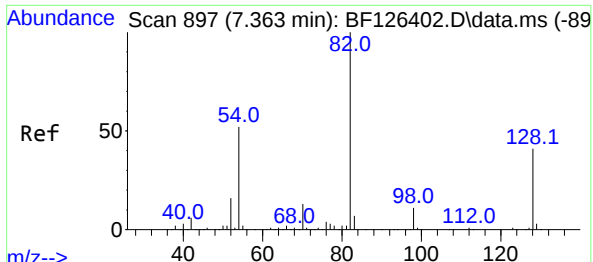
Tgt Ion: 99 Resp: 683685
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.4
71 30.9 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

Tgt Ion: 136 Resp: 296824
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 7.9 7.8 11.6
68 6.0 6.3 9.5#

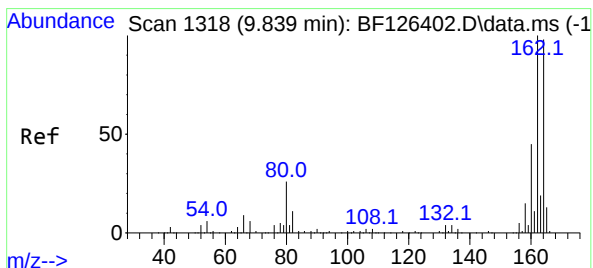
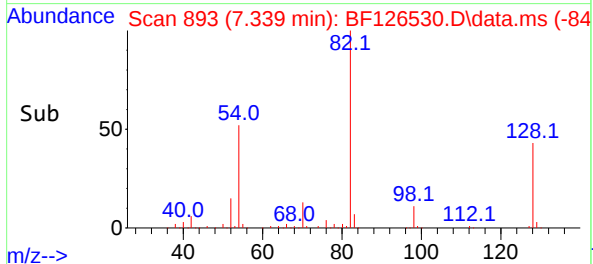
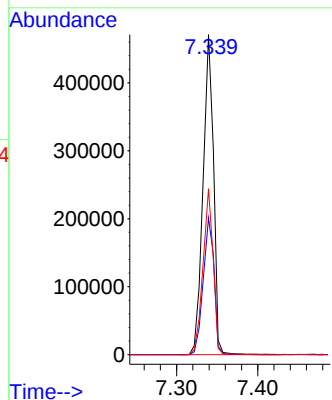
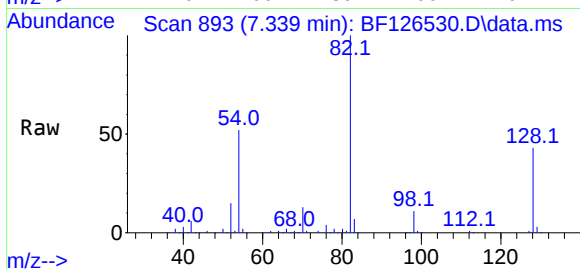




#23
Nitrobenzene-d5
Concen: 73.254 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

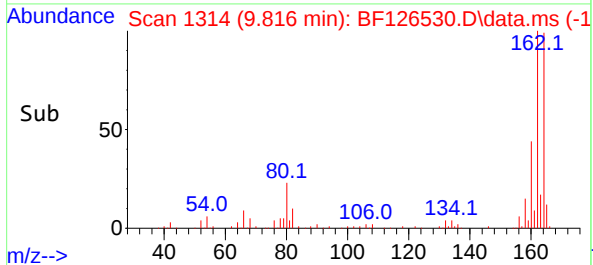
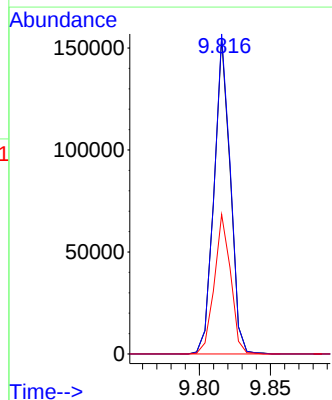
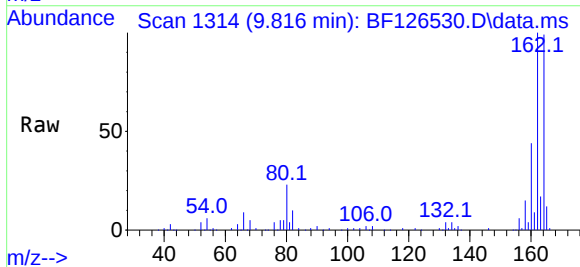
Instrument :
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COMPOSITE-SAMPLE-3-SHALLOW

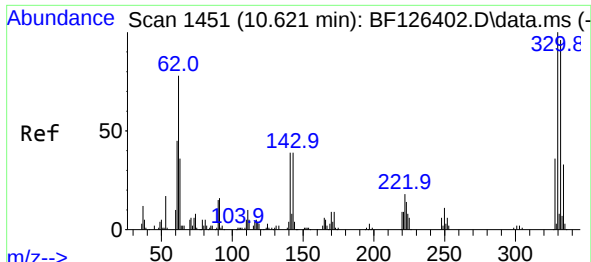
Tgt Ion: 82 Resp: 423470
Ion Ratio Lower Upper
82 100
128 42.7 32.7 49.1
54 51.9 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

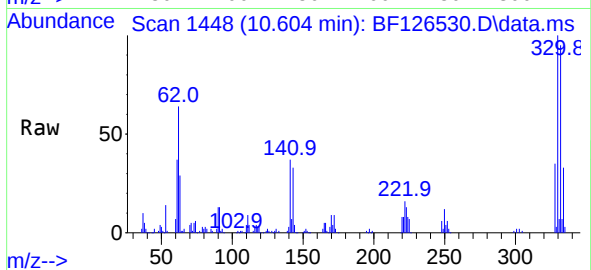
Tgt Ion:164 Resp: 122923
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 44.2 36.6 54.8



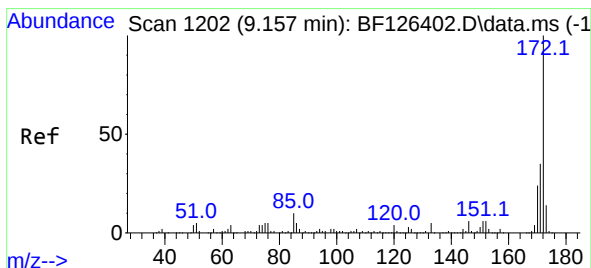
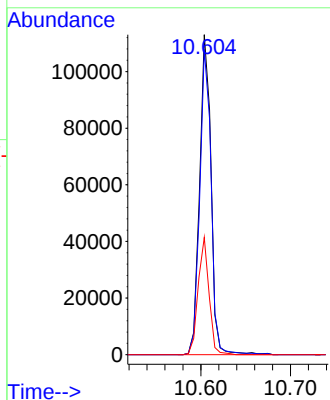
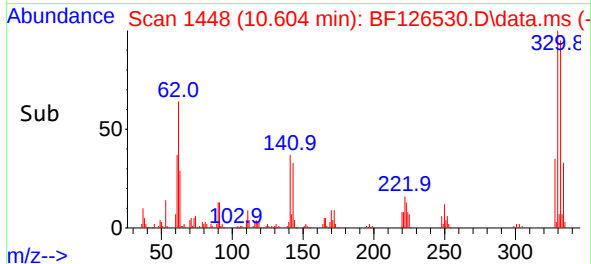


#42
2,4,6-Tribromophenol
Concen: 105.190 ng
RT: 10.604 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

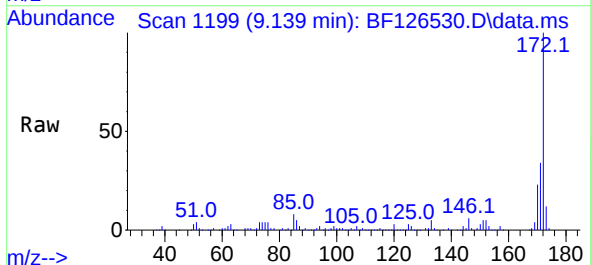
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-SHALLOW



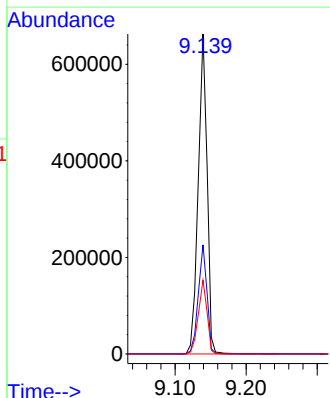
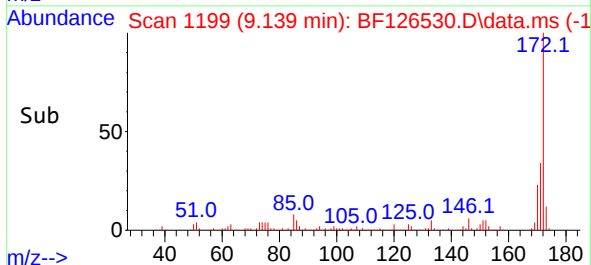
Tgt Ion:330 Resp: 99918
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 34.9 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 82.960 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126530.D
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Tgt Ion:172 Resp: 579503
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 23.0 19.0 28.6

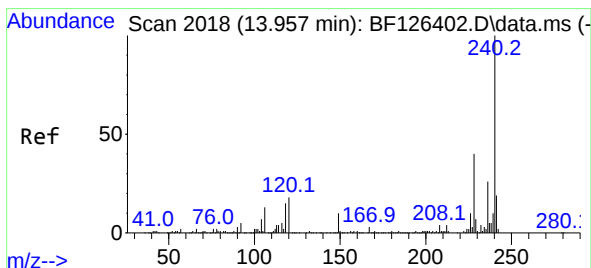
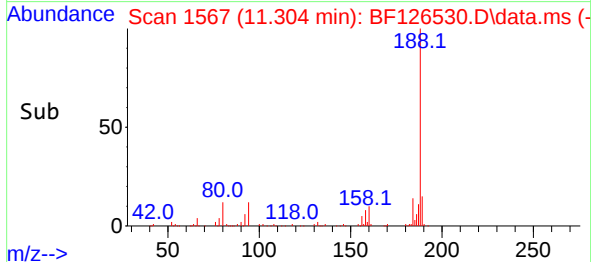
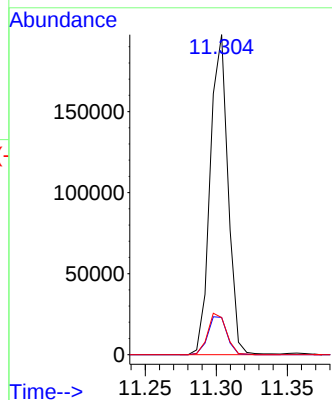
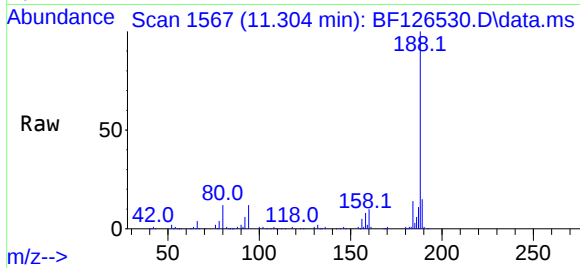




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

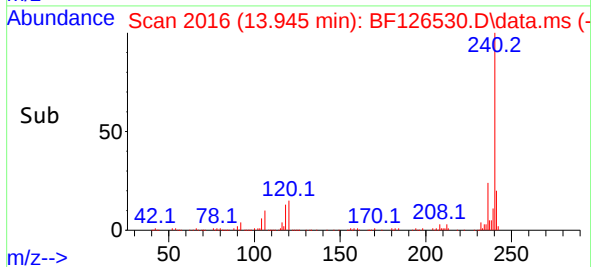
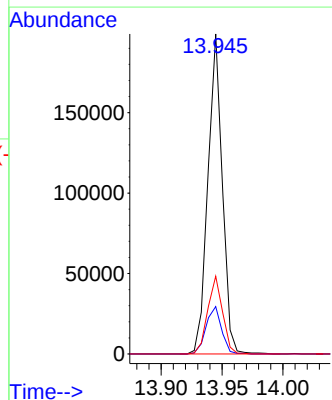
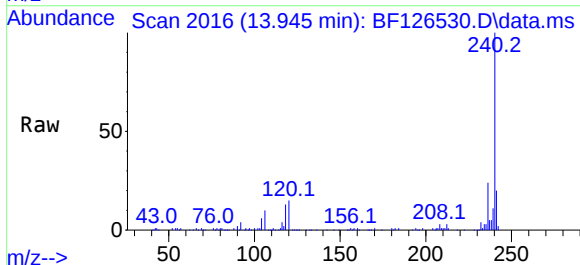
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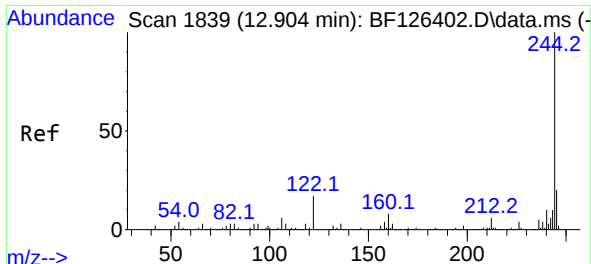
Tgt Ion:188 Resp: 171780
Ion Ratio Lower Upper
188 100
94 11.6 10.1 15.1
80 11.6 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

Tgt Ion:240 Resp: 163285
Ion Ratio Lower Upper
240 100
120 14.8 14.4 21.6
236 24.3 20.5 30.7

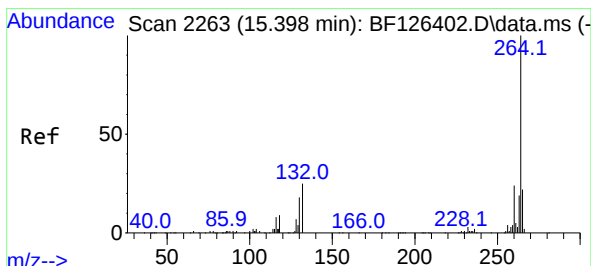
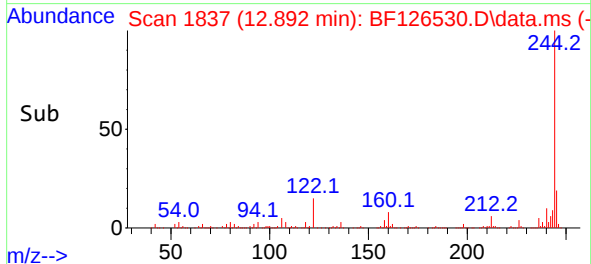
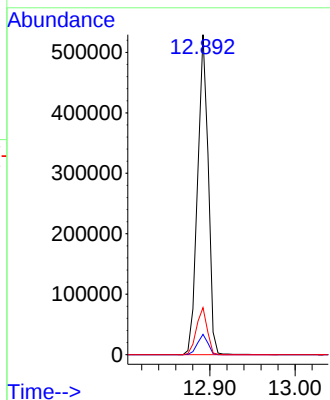
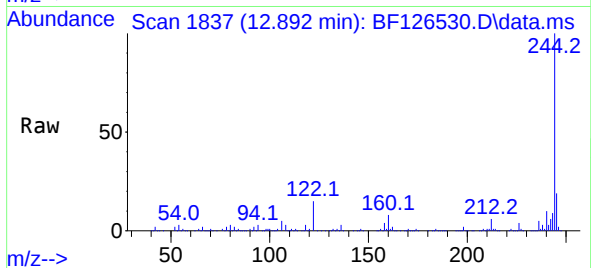




#79
 Terphenyl-d14
 Concen: 54.525 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF126530.D
 Acq: 6 Jan 2022 20:43

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Tgt Ion:244 Resp: 458231
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 14.7 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: BF126530.D
 Acq: 6 Jan 2022 20:43

Tgt Ion:264 Resp: 171693
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.3 17.4 26.2

