

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052021\
 Data File : BF124011.D
 Acq On : 20 May 2021 16:12
 Operator : JU/CG
 Sample : M2462-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-MAIN-BREAK-SOIL

Quant Time: May 20 16:40:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	50699	20.00	ng	0.00
21) Naphthalene-d8	8.192	136	214550	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	125937	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	212182	20.00	ng	0.00
76) Chrysene-d12	14.074	240	152819	20.00	ng	0.00
86) Perylene-d12	15.574	264	100908	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	132383	36.66	ng	0.00
7) Phenol-d6	6.522	99	170293	36.35	ng	0.00
23) Nitrobenzene-d5	7.463	82	127667	25.64	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	56047	37.05	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	240521	23.50	ng	0.00
79) Terphenyl-d14	13.015	244	237014	23.49	ng	0.00

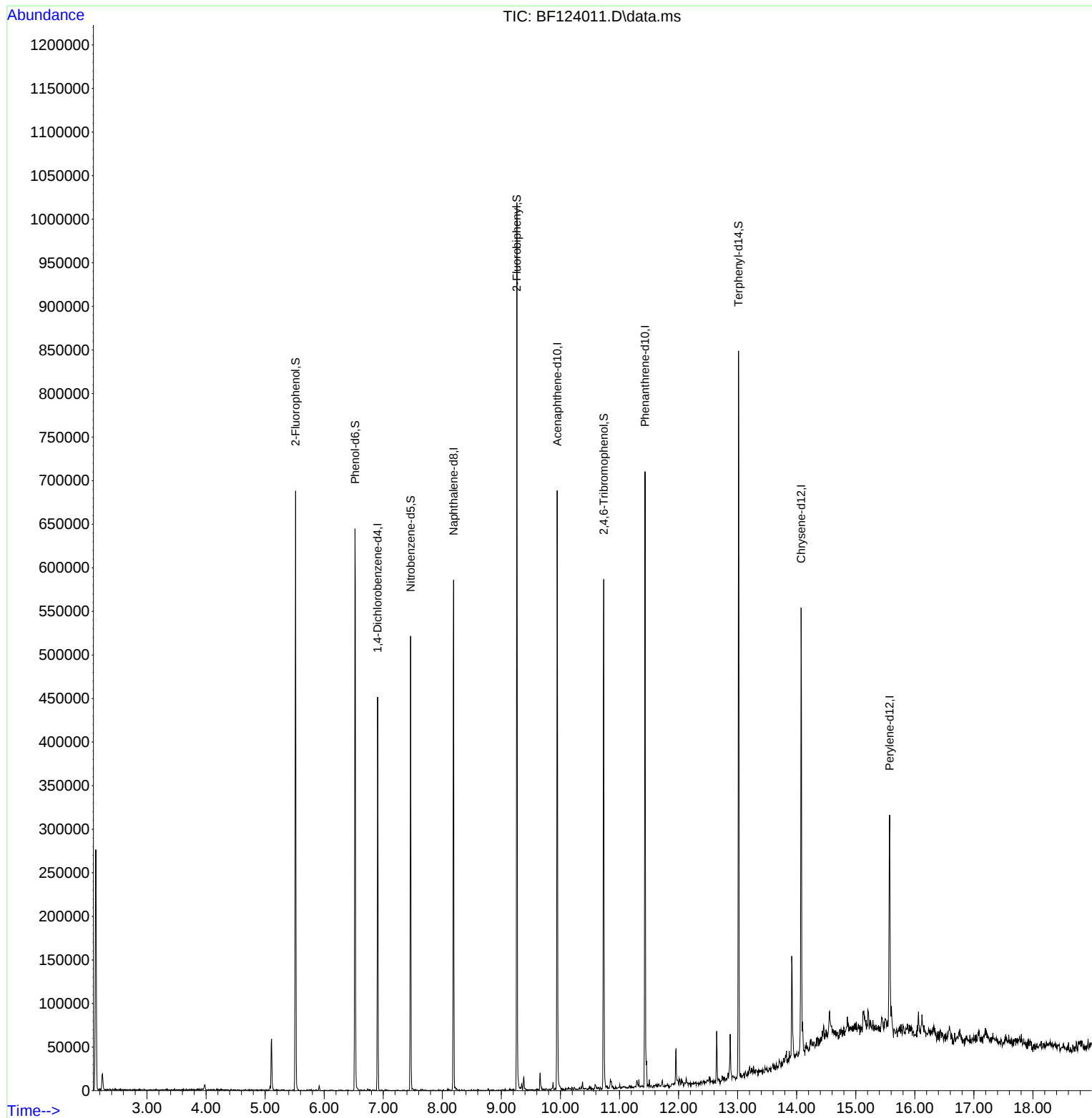
Target Compounds	Qvalue

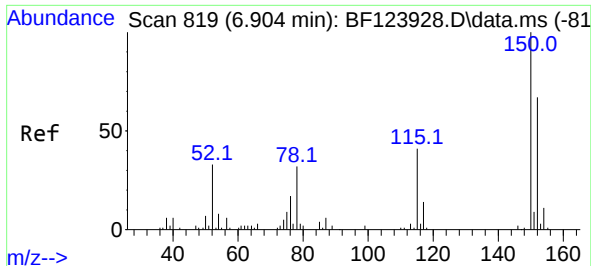
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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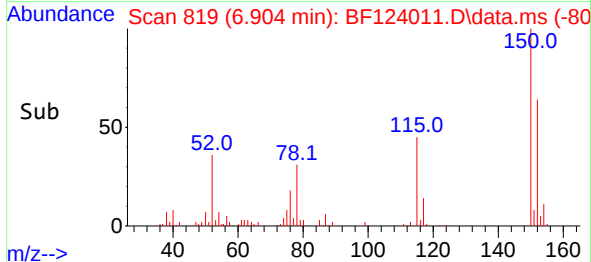
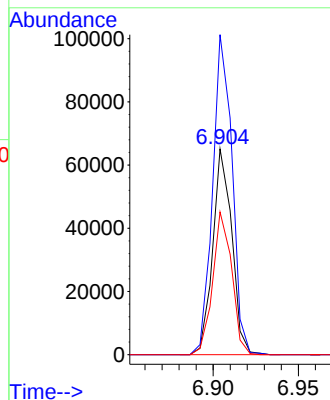
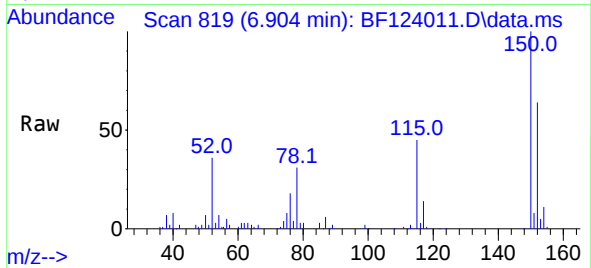




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

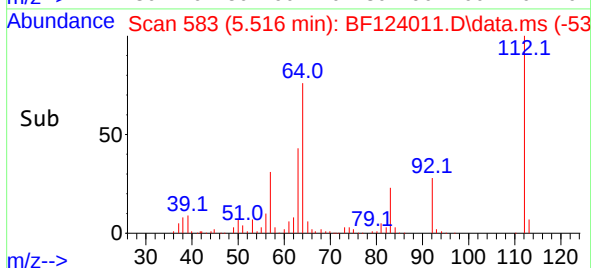
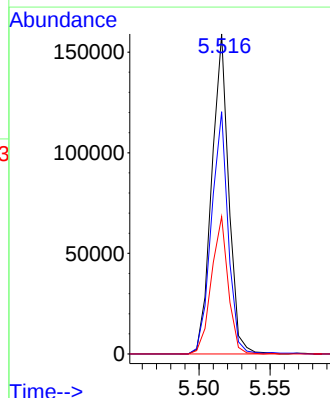
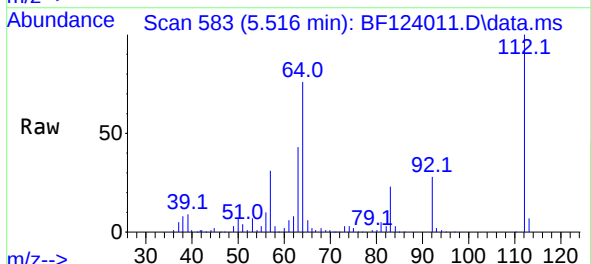
Instrument :
BNA_F
ClientSampleId :
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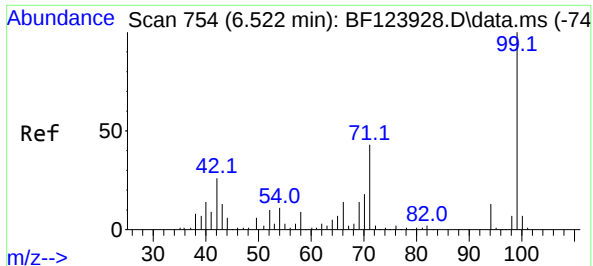
Tgt Ion:152 Resp: 50699
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.6
115 69.4 54.3 81.5



#5
2-Fluorophenol
Concen: 36.66 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

Tgt Ion:112 Resp: 132383
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 42.9 33.0 49.4

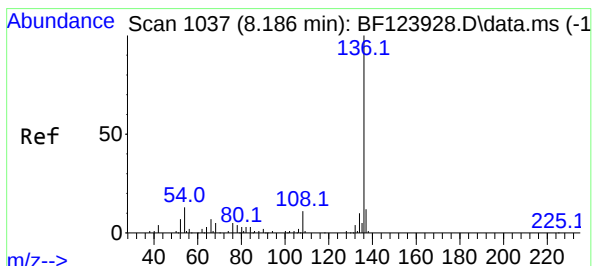
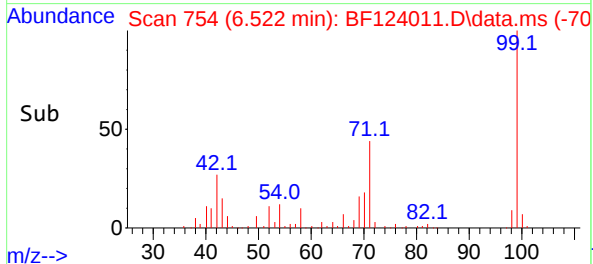
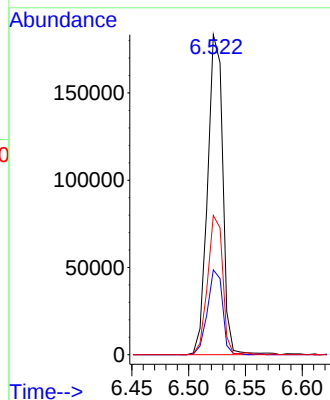
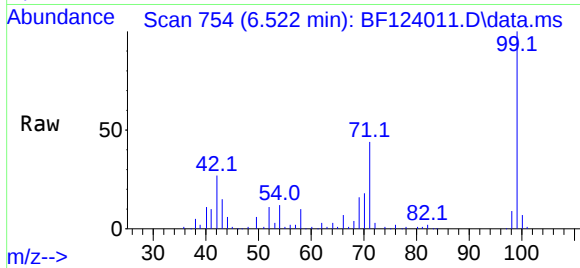




#7
Phenol-d6
Concen: 36.35 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

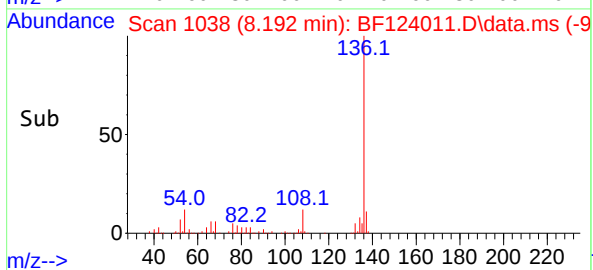
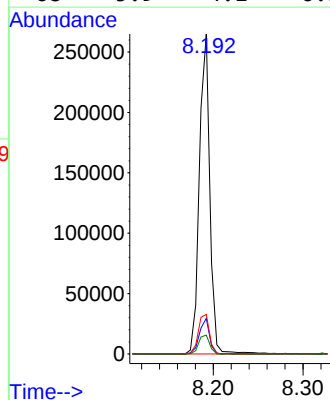
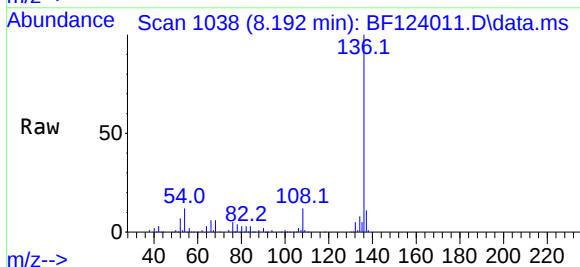
Instrument :
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ClientSampleId :
WATER-MAIN-BREAK-SOIL

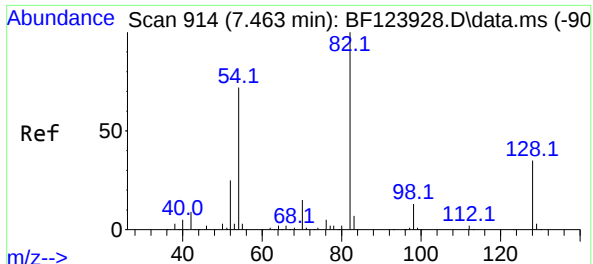
Tgt Ion: 99 Resp: 170293
Ion Ratio Lower Upper
99 100
42 26.5 19.8 29.8
71 43.5 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

Tgt Ion: 136 Resp: 214550
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 12.4 9.8 14.6
68 5.9 4.1 6.1

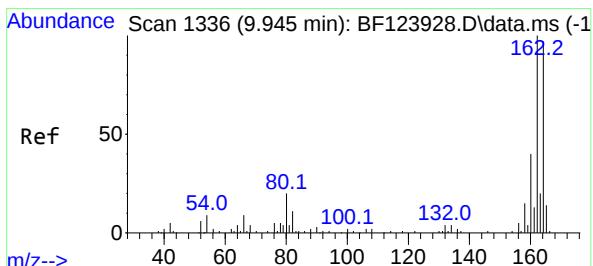
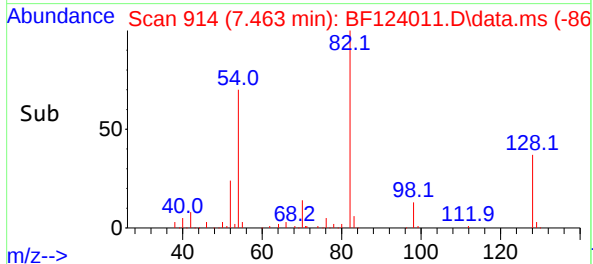
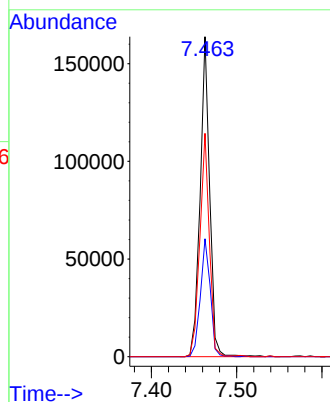
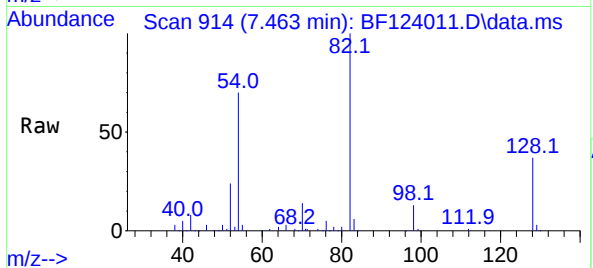




#23
Nitrobenzene-d5
Concen: 25.64 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

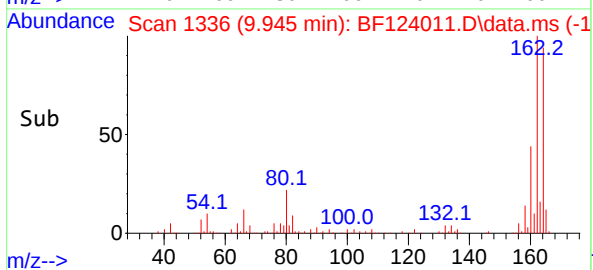
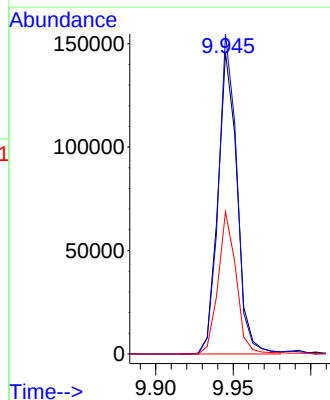
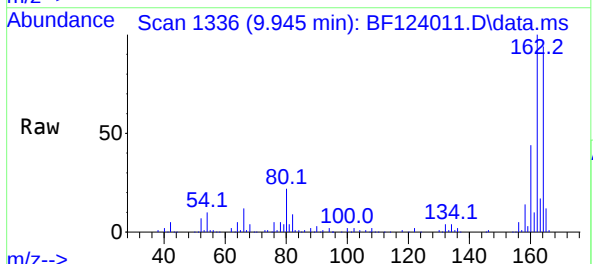
Instrument :
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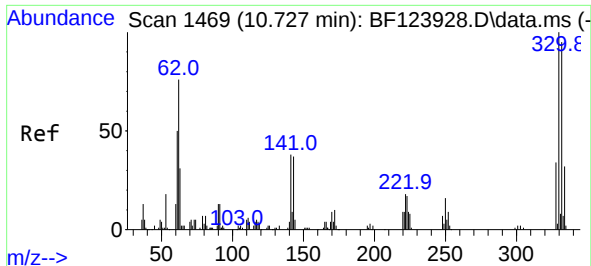
Tgt Ion: 82 Resp: 127667
Ion Ratio Lower Upper
82 100
128 36.8 29.4 44.2
54 69.8 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

Tgt Ion:164 Resp: 125937
Ion Ratio Lower Upper
164 100
162 106.1 80.7 121.1
160 47.2 37.3 55.9

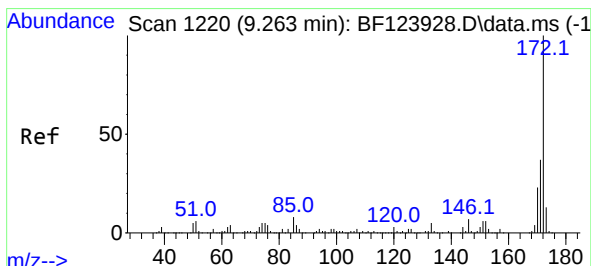
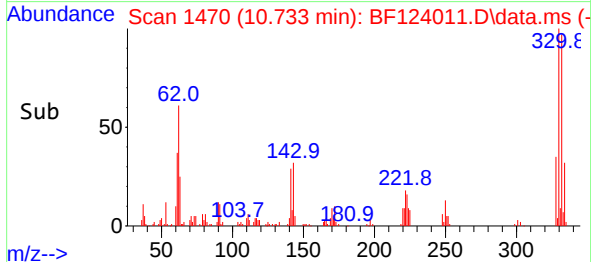
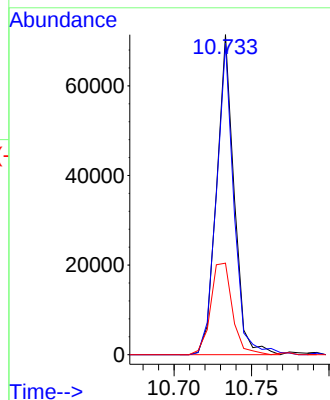
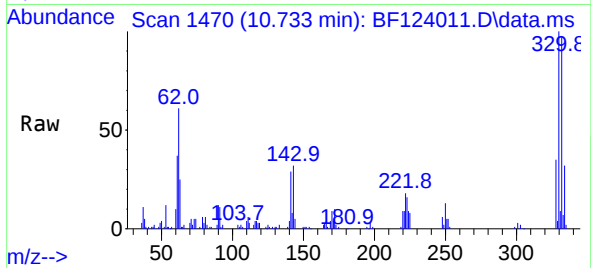




#42
2,4,6-Tribromophenol
Concen: 37.05 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

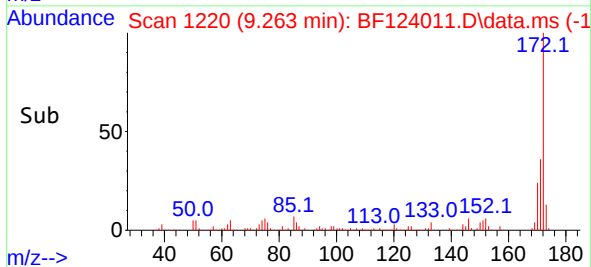
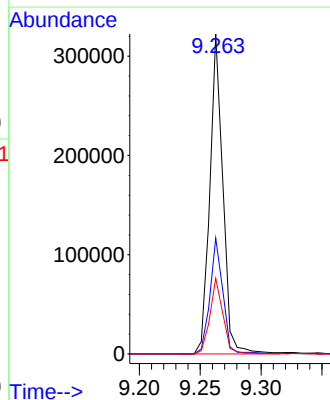
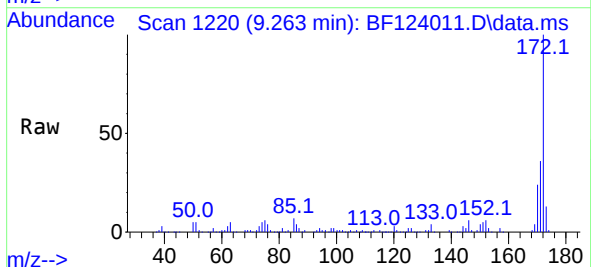
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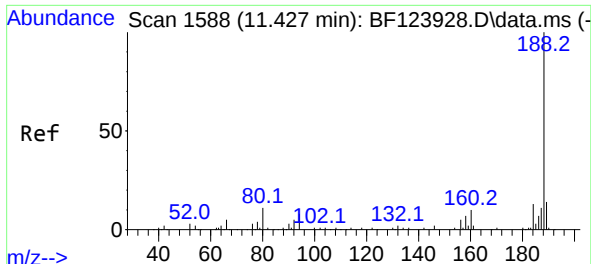
Tgt Ion:330 Resp: 56047
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 35.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 23.50 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

Tgt Ion:172 Resp: 240521
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 23.6 19.2 28.8

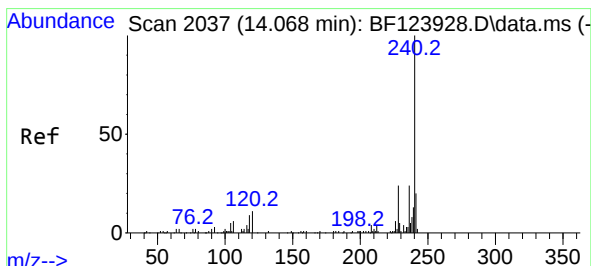
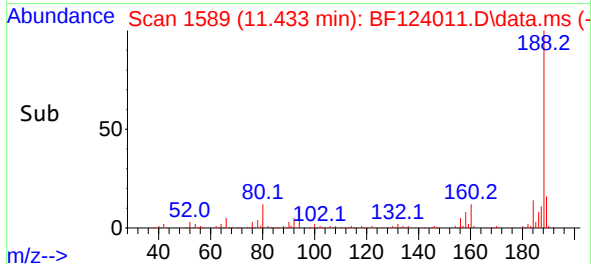
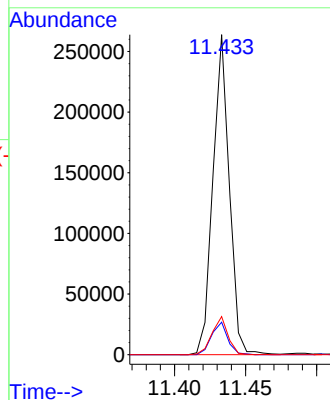
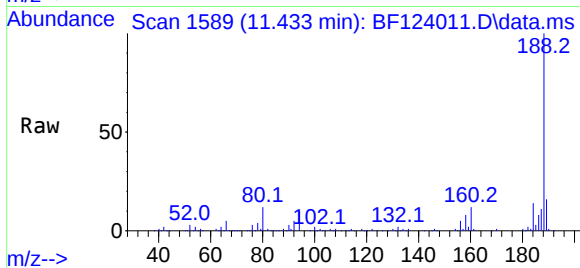




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

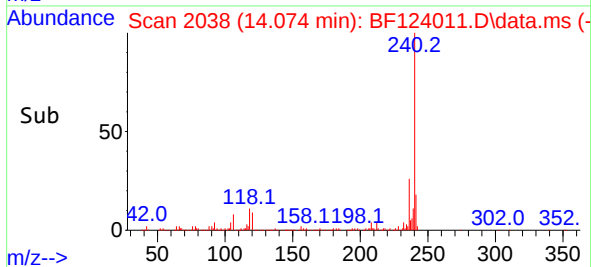
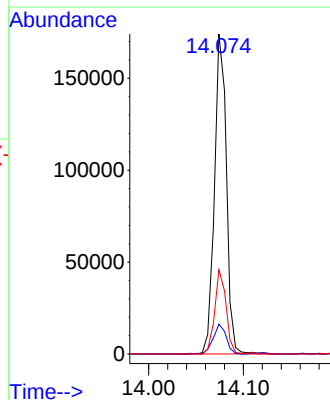
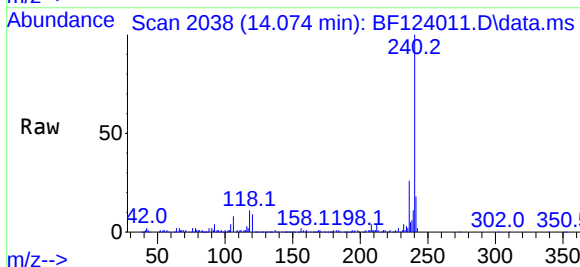
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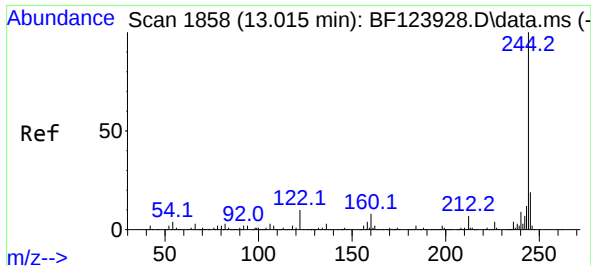
Tgt Ion:188 Resp: 212182
Ion Ratio Lower Upper
188 100
94 10.2 6.9 10.3
80 11.9 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

Tgt Ion:240 Resp: 152819
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 26.3 19.0 28.4

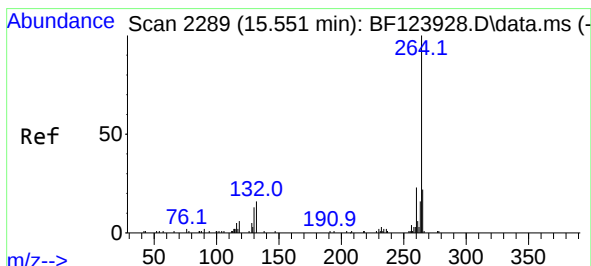
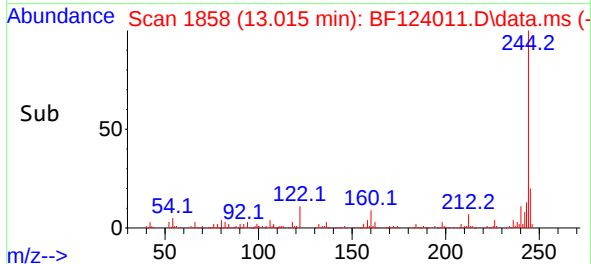
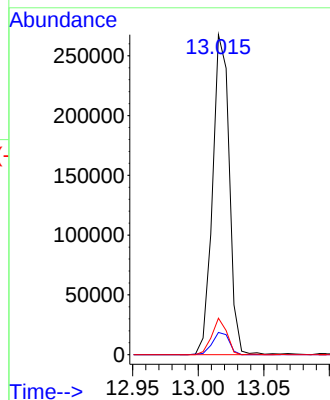
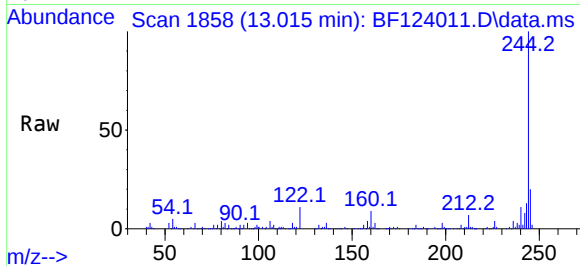




#79
Terphenyl-d14
Concen: 23.49 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

Instrument :
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Tgt Ion:244 Resp: 237014
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 11.4 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.023 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

Tgt Ion:264 Resp: 100908
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 19.3 17.8 26.8

