

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101321\
 Data File : BM032499.D
 Acq On : 13 Oct 2021 17:03
 Operator : CG/JU
 Sample : M4047-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 149-ENV-1-COMPOSITE

Quant Time: Oct 14 02:34:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 12:02:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	226204	20.00	ng	0.00
21) Naphthalene-d8	10.389	136	871844	20.00	ng	# 0.00
39) Acenaphthene-d10	14.248	164	501618	20.00	ng	0.00
64) Phenanthrene-d10	16.977	188	922911	20.00	ng	# 0.00
76) Chrysene-d12	21.142	240	769510	20.00	ng	0.00
86) Perylene-d12	23.283	264	784548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.184	112	1767795	131.68	ng	0.00
7) Phenol-d6	6.796	99	1990681	108.43	ng	0.00
23) Nitrobenzene-d5	8.754	82	1609096	102.65	ng	0.00
42) 2,4,6-Tribromophenol	15.736	330	751122	133.76	ng	0.00
45) 2-Fluorobiphenyl	12.866	172	3246447	96.23	ng	0.00
79) Terphenyl-d14	19.595	244	3773840	103.28	ng	0.00

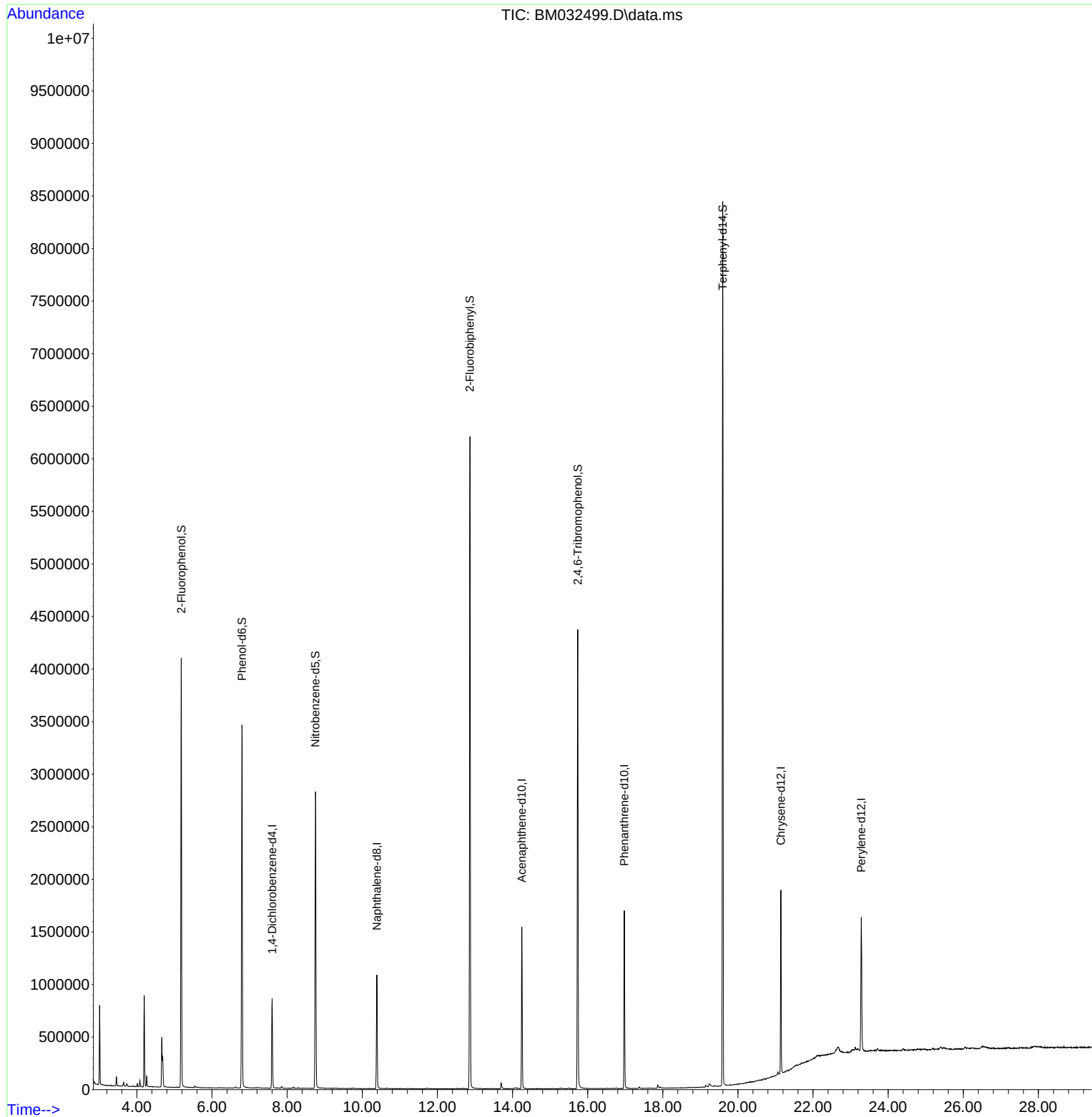
Target Compounds	Qvalue

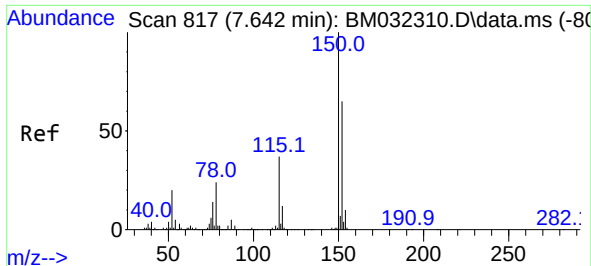
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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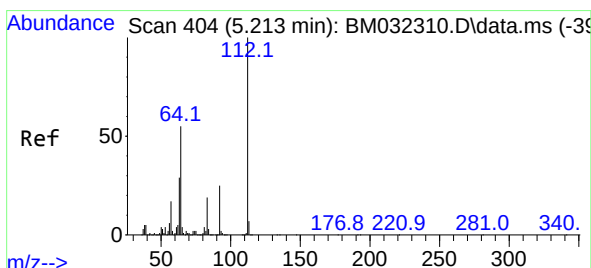
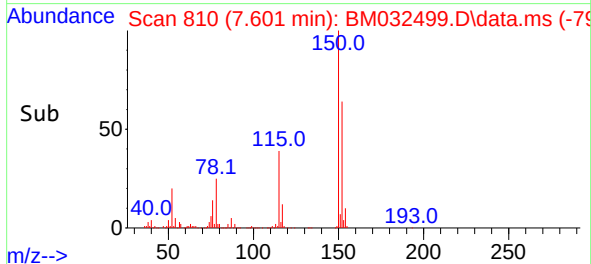
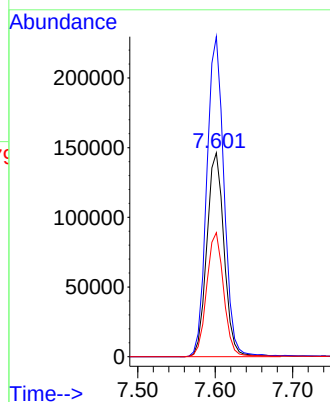
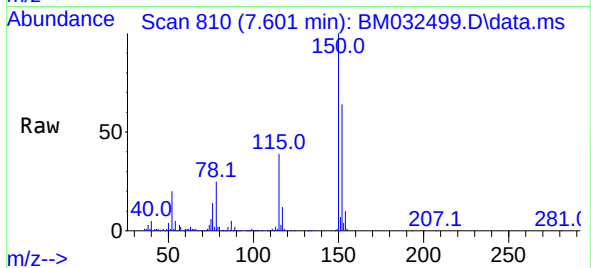




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.601 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM032499.D
Acq: 13 Oct 2021 17:03

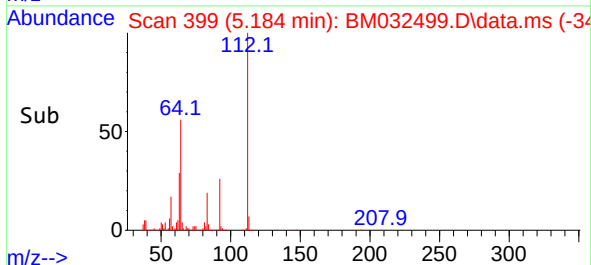
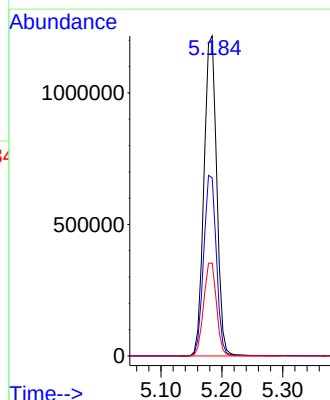
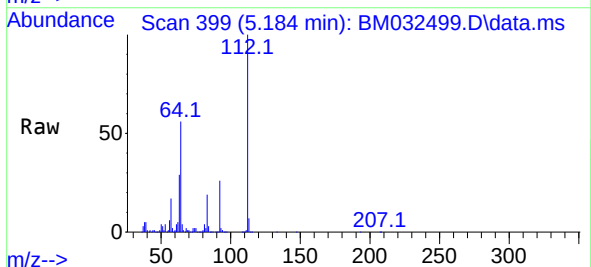
Instrument :
BNA_M
ClientSampleId :
149-ENV-1-COMPOSITE

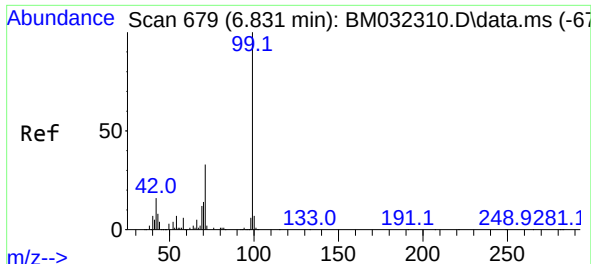
Tgt Ion:152 Resp: 226204
Ion Ratio Lower Upper
152 100
150 157.0 122.4 183.6
115 60.8 53.8 80.8



#5
2-Fluorophenol
Concen: 131.68 ng
RT: 5.184 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM032499.D
Acq: 13 Oct 2021 17:03

Tgt Ion:112 Resp: 1767795
Ion Ratio Lower Upper
112 100
64 55.7 53.7 80.5
63 29.0 33.9 50.9#

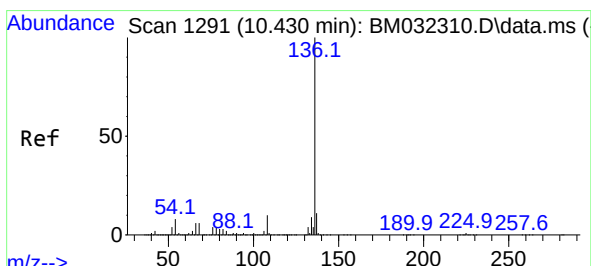
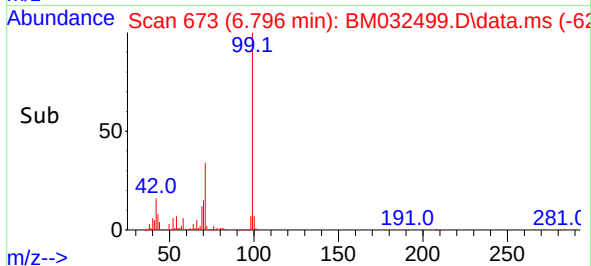
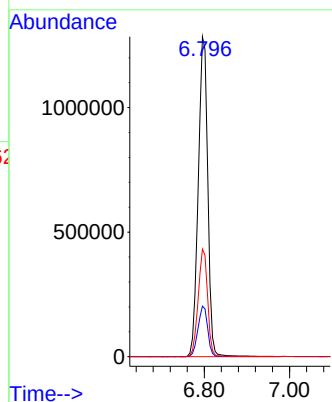
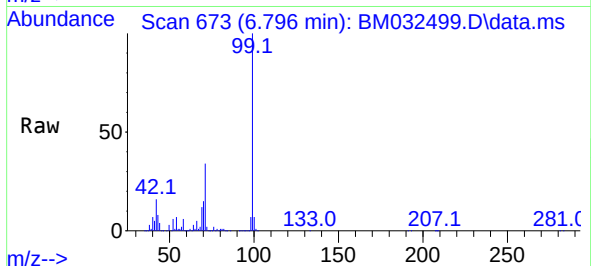




#7
Phenol-d6
Concen: 108.43 ng
RT: 6.796 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM032499.D
Acq: 13 Oct 2021 17:03

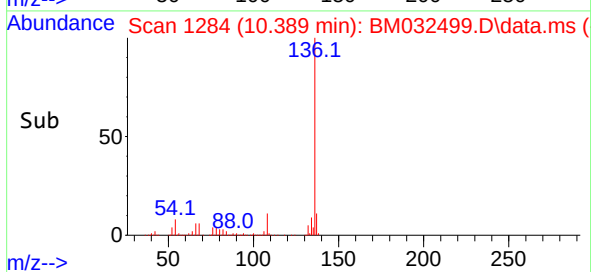
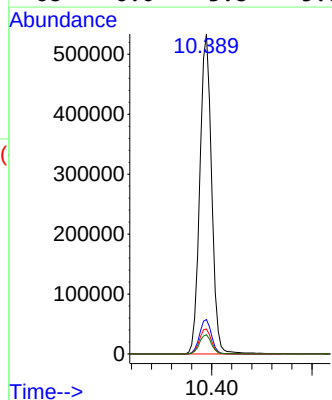
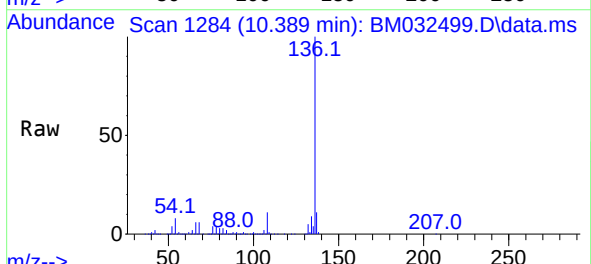
Instrument :
BNA_M
ClientSampleId :
149-ENV-1-COMPOSITE

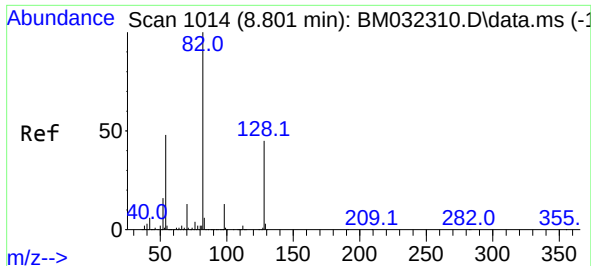
Tgt Ion: 99 Resp: 1990681
Ion Ratio Lower Upper
99 100
42 15.8 23.0 34.6#
71 33.7 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.389 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM032499.D
Acq: 13 Oct 2021 17:03

Tgt Ion: 136 Resp: 871844
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.8 7.4 11.0
68 6.0 3.8 5.8#

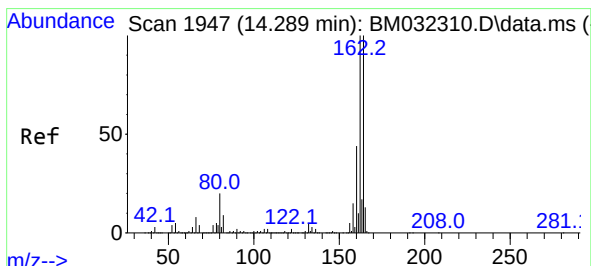
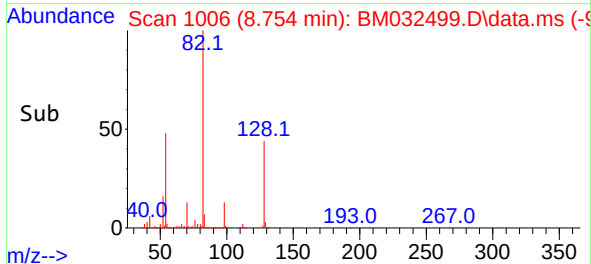
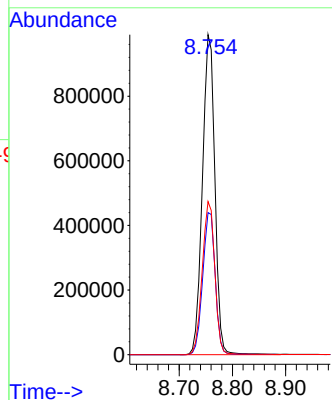
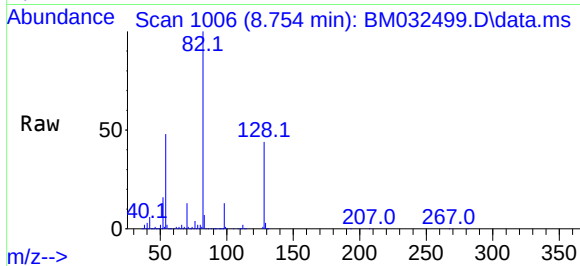




#23
Nitrobenzene-d5
Concen: 102.65 ng
RT: 8.754 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM032499.D
Acq: 13 Oct 2021 17:03

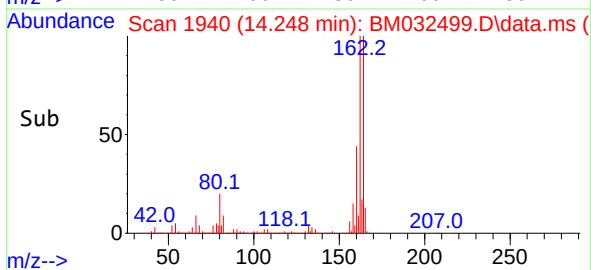
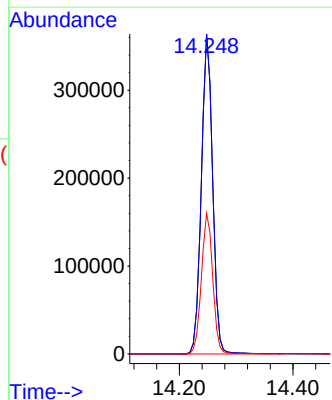
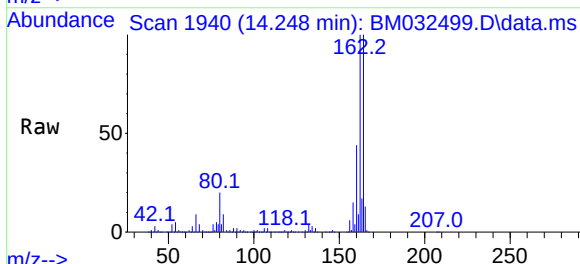
Instrument :
BNA_M
ClientSampleId :
149-ENV-1-COMPOSITE

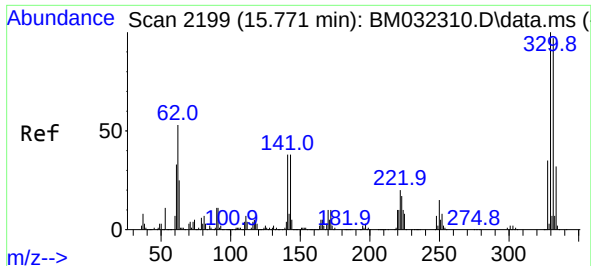
Tgt Ion: 82 Resp: 1609096
Ion Ratio Lower Upper
82 100
128 44.4 29.0 43.6#
54 47.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM032499.D
Acq: 13 Oct 2021 17:03

Tgt Ion:164 Resp: 501618
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 44.0 35.1 52.7

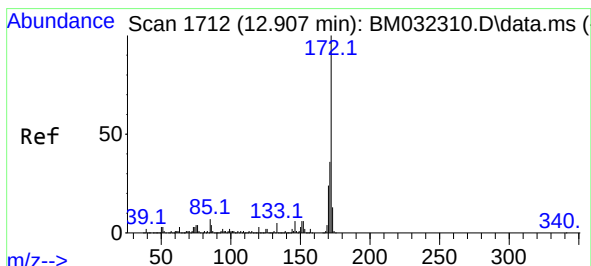
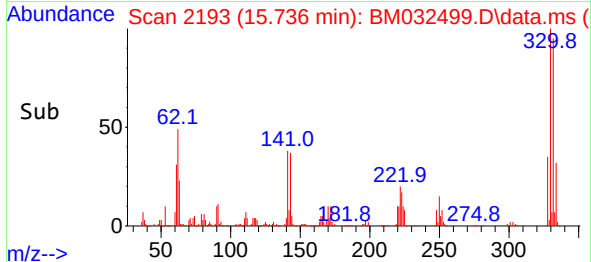
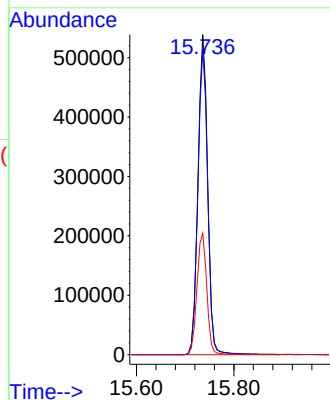
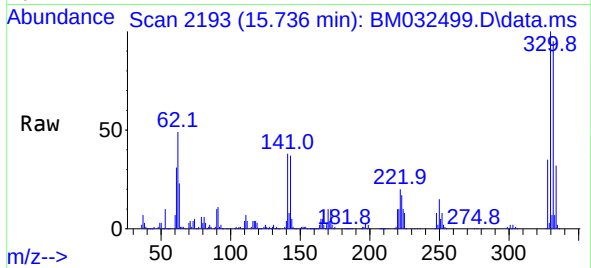




#42
2,4,6-Tribromophenol
Concen: 133.76 ng
RT: 15.736 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM032499.D
Acq: 13 Oct 2021 17:03

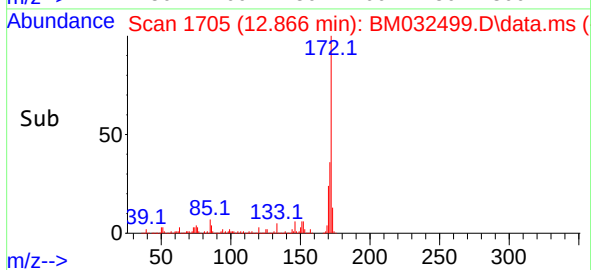
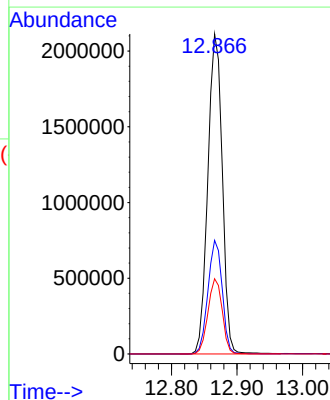
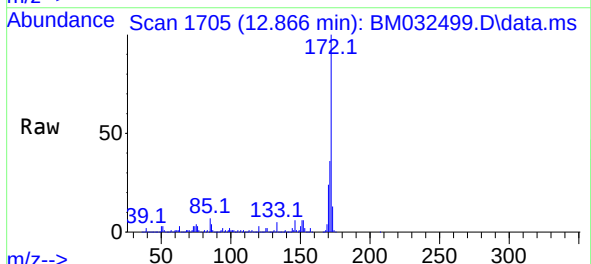
Instrument :
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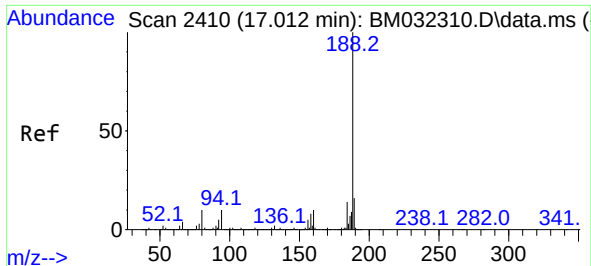
Tgt Ion:330 Resp: 751122
Ion Ratio Lower Upper
330 100
332 96.5 75.7 113.5
141 38.5 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 96.23 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BM032499.D
Acq: 13 Oct 2021 17:03

Tgt Ion:172 Resp: 3246447
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.5 18.6 27.8

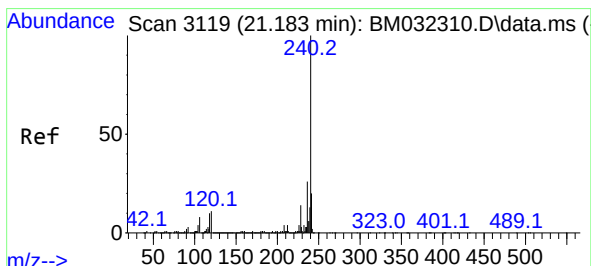
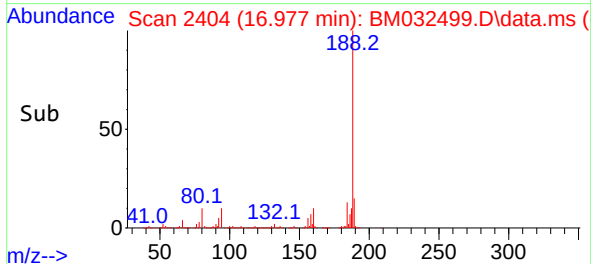
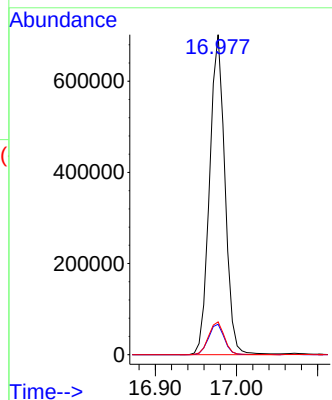
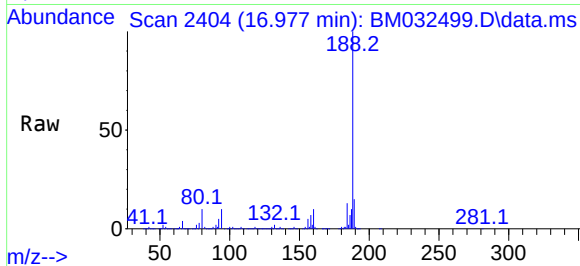




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.977 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM032499.D
Acq: 13 Oct 2021 17:03

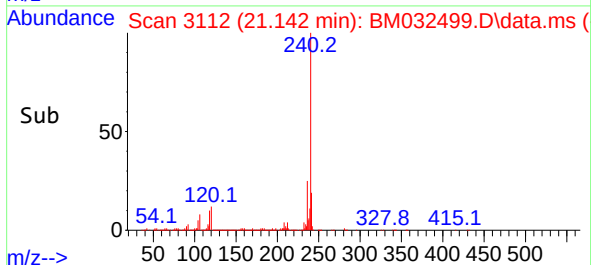
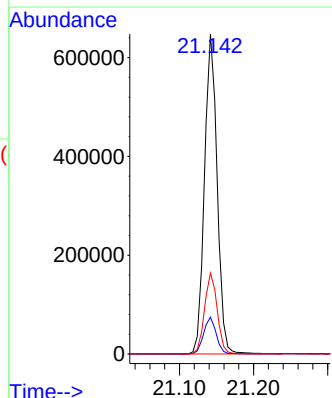
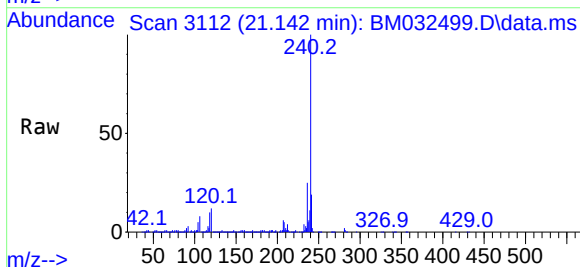
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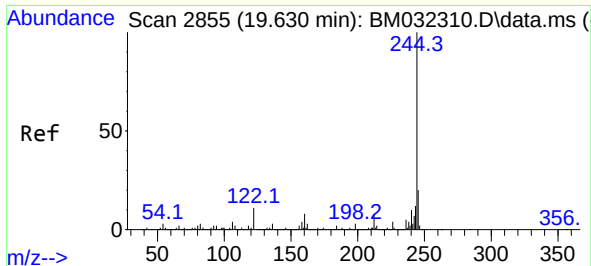
Tgt Ion:188 Resp: 922911
Ion Ratio Lower Upper
188 100
94 9.5 6.3 9.5#
80 10.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.142 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM032499.D
Acq: 13 Oct 2021 17:03

Tgt Ion:240 Resp: 769510
Ion Ratio Lower Upper
240 100
120 11.5 7.8 11.6
236 25.3 20.9 31.3

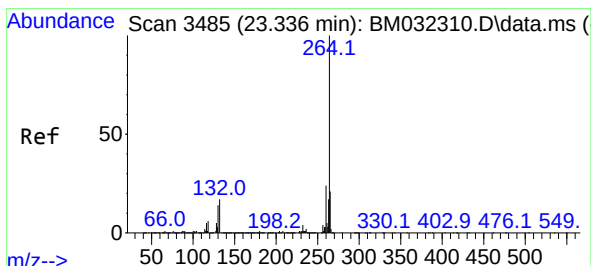
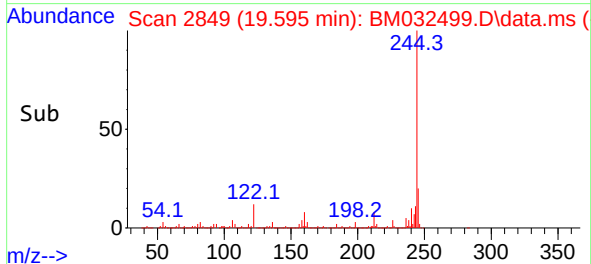
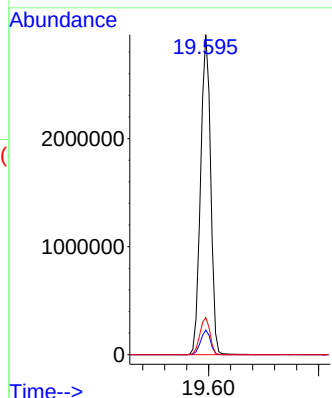
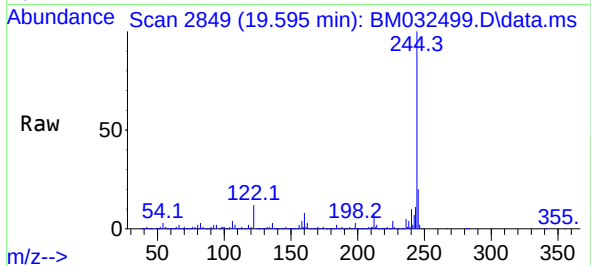




#79
Terphenyl-d14
Concen: 103.28 ng
RT: 19.595 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BM032499.D
Acq: 13 Oct 2021 17:03

Instrument :
BNA_M
ClientSampleId :
149-ENV-1-COMPOSITE

Tgt Ion:244 Resp: 3773840
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 11.6 8.7 13.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.283 min Scan# 3476
Delta R.T. -0.006 min
Lab File: BM032499.D
Acq: 13 Oct 2021 17:03

Tgt Ion:264 Resp: 784548
Ion Ratio Lower Upper
264 100
260 23.5 19.3 28.9
265 23.1 18.3 27.5

