

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033531.D
 Acq On : 18 Dec 2021 22:27
 Operator : CG/JU
 Sample : M4873-04DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A2-5-6.5DL

Quant Time: Dec 20 07:09:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

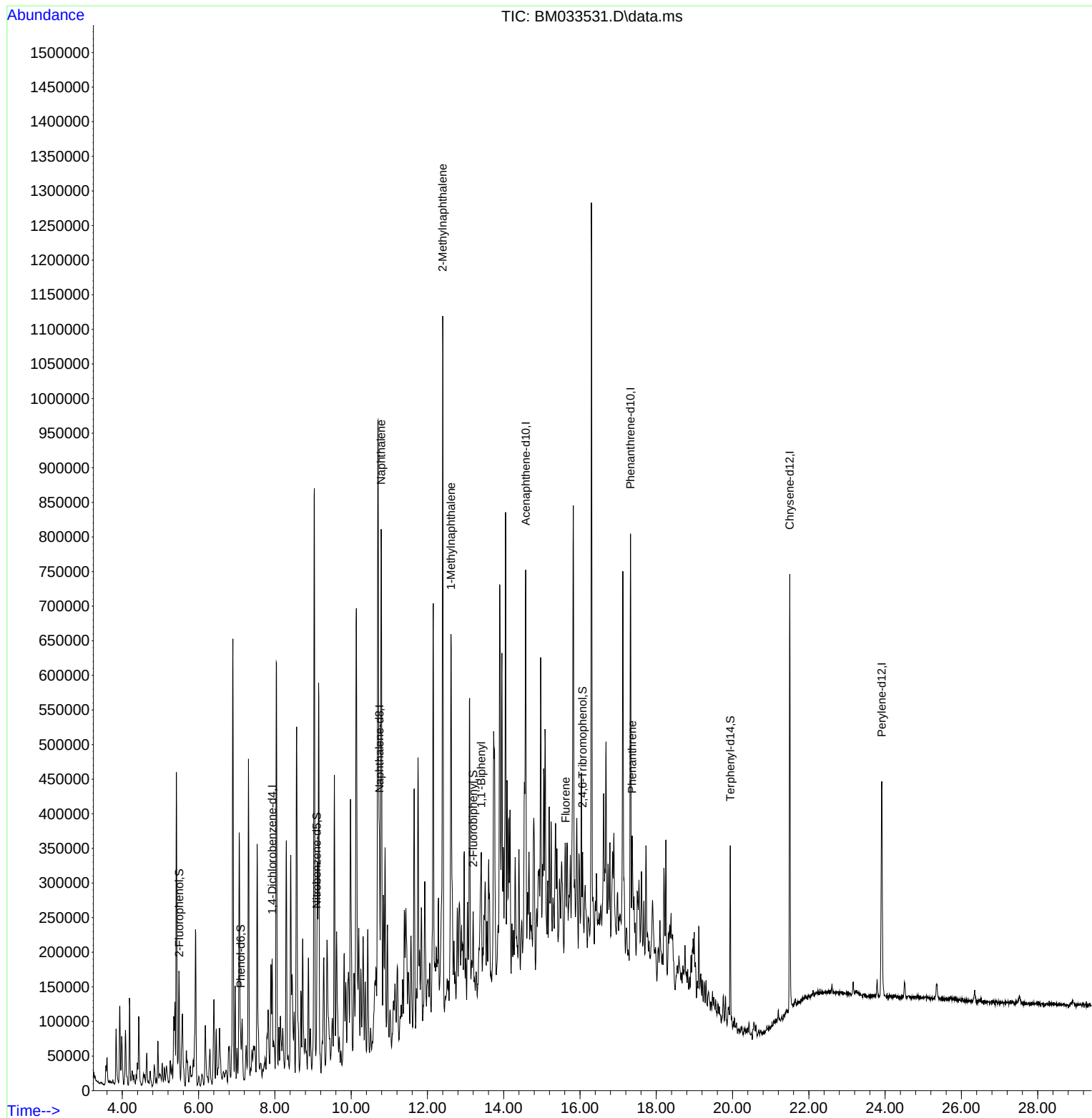
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	39340	20.000	ng	-0.01
21) Naphthalene-d8	10.742	136	186029	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	148411	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	314068	20.000	ng	-0.01
76) Chrysene-d12	21.500	240	301864	20.000	ng	-0.01
86) Perylene-d12	23.912	264	247957	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.495	112	18335	8.042	ng	0.00
7) Phenol-d6	7.101	99	28042	9.165	ng	-0.01
23) Nitrobenzene-d5	9.101	82	26522	6.122	ng	-0.01
42) 2,4,6-Tribromophenol	16.071	330	10802	6.470	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	58683	5.470	ng	-0.01
79) Terphenyl-d14	19.942	244	101135	5.275	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.789	128	397462	39.441	ng	98
37) 2-Methylnaphthalene	12.401	142	426115	61.127	ng	# 95
38) 1-Methylnaphthalene	12.618	142	211179	30.371	ng	# 99
46) 1,1'-Biphenyl	13.413	154	36508	3.322	ng	98
58) Fluorene	15.624	166	26270	2.363	ng	# 81
71) Phenanthrene	17.365	178	72423	4.143	ng	97

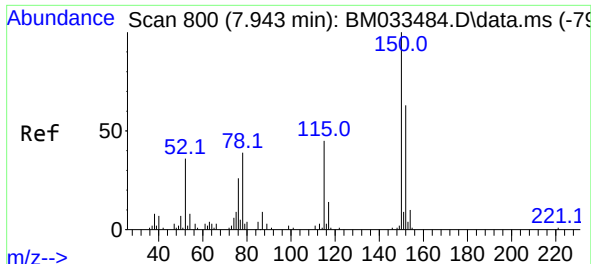
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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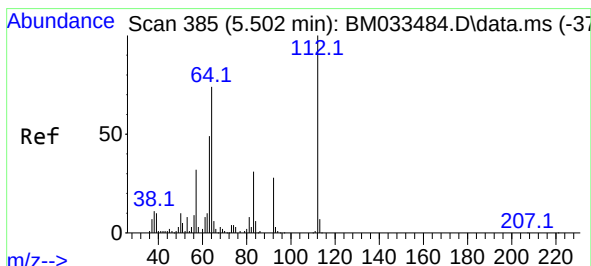
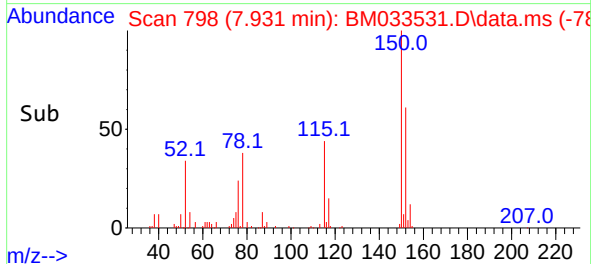
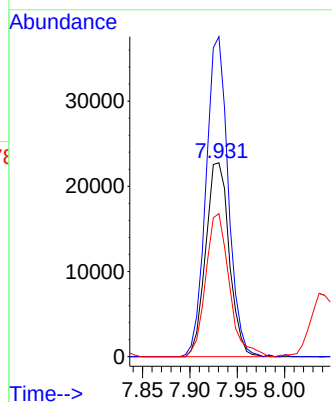
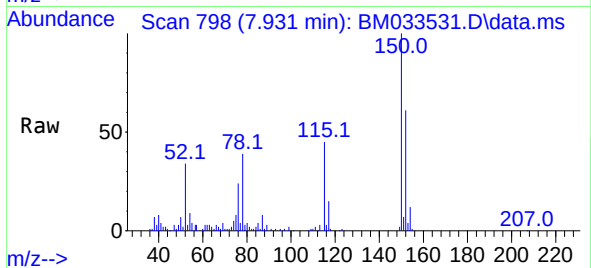




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

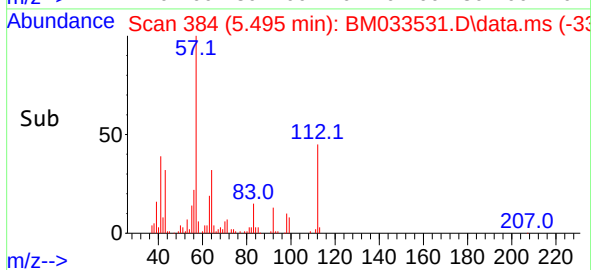
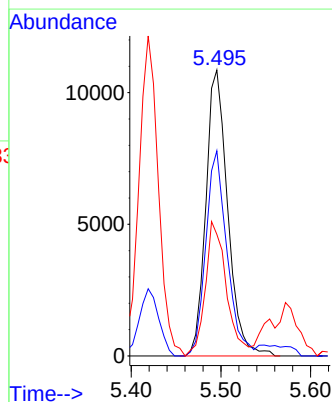
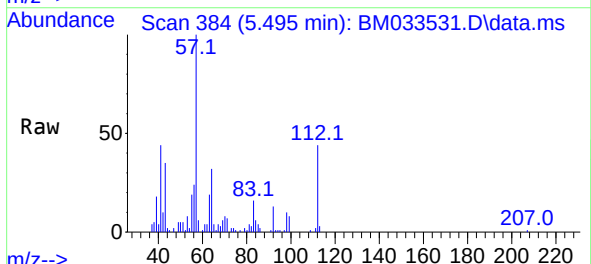
Instrument :
BNA_M
ClientSampleId :
A2-5-6.5DL

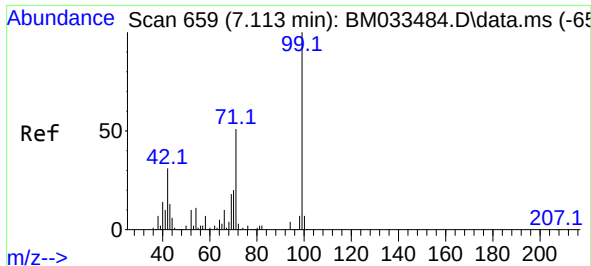
Tgt Ion:152 Resp: 39340
Ion Ratio Lower Upper
152 100
150 165.0 128.9 193.3
115 73.8 53.0 79.6



#5
2-Fluorophenol
Concen: 8.042 ng
RT: 5.495 min Scan# 384
Delta R.T. -0.007 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

Tgt Ion:112 Resp: 18335
Ion Ratio Lower Upper
112 100
64 71.7 55.5 83.3
63 42.5 31.3 46.9

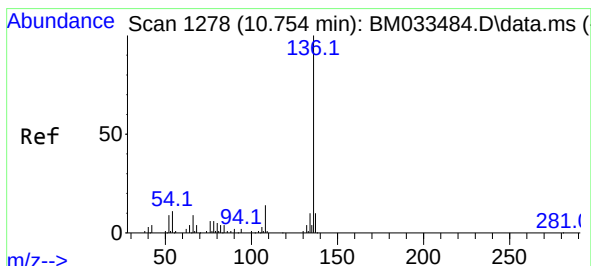
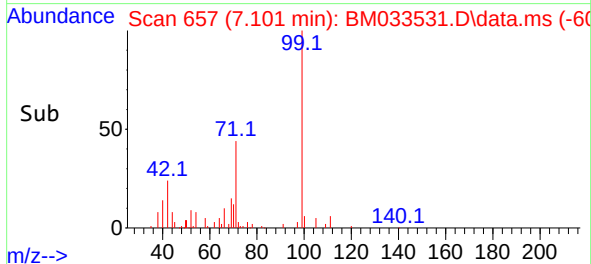
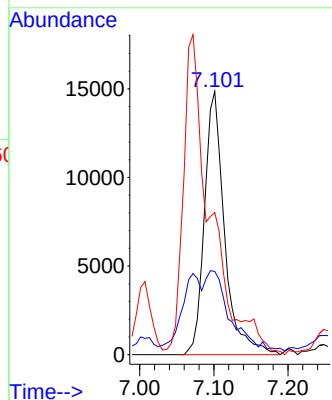
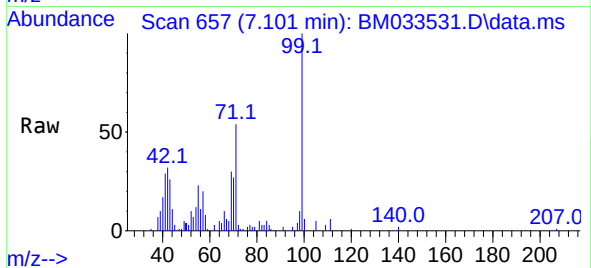




#7
Phenol-d6
Concen: 9.165 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

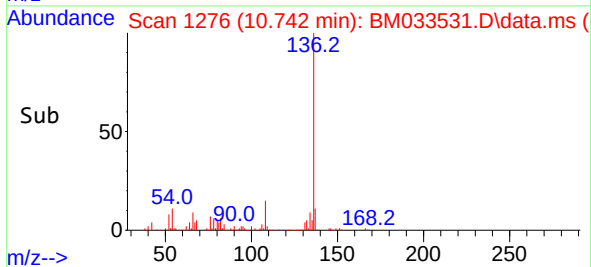
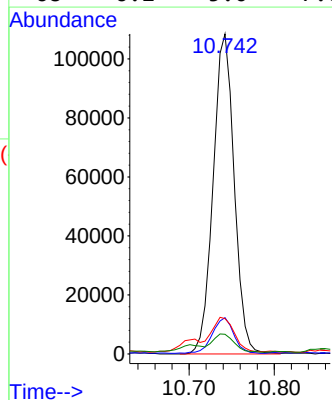
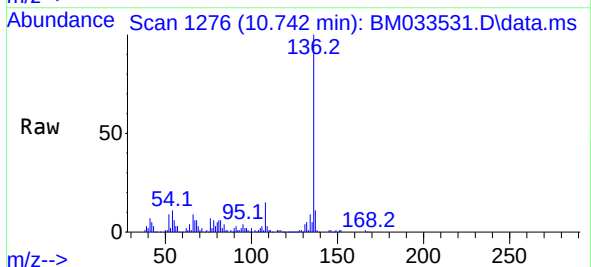
Instrument :
BNA_M
ClientSampleId :
A2-5-6.5DL

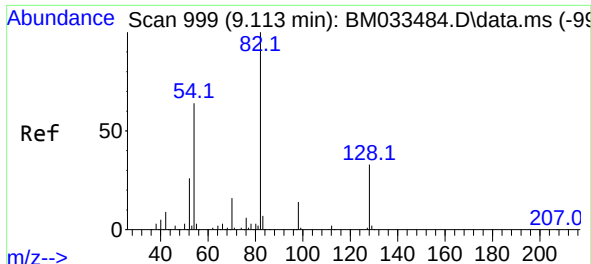
Tgt Ion: 99 Resp: 28042
Ion Ratio Lower Upper
99 100
42 31.6 20.3 30.5#
71 54.0 34.5 51.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

Tgt Ion:136 Resp: 186029
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 11.1 8.3 12.5
68 6.2 5.0 7.6

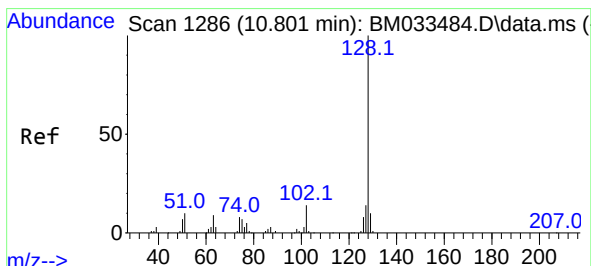
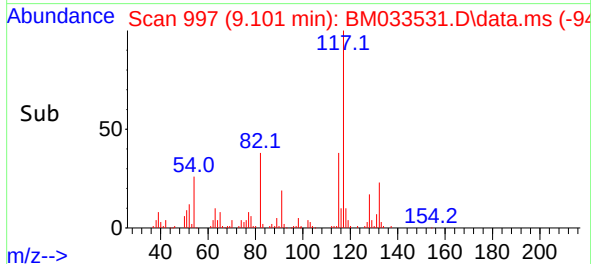
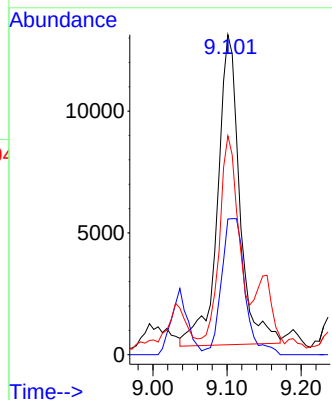
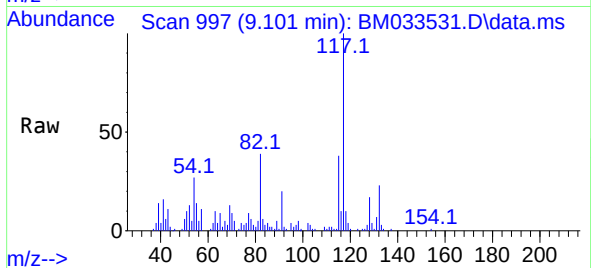




#23
Nitrobenzene-d5
Concen: 6.122 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

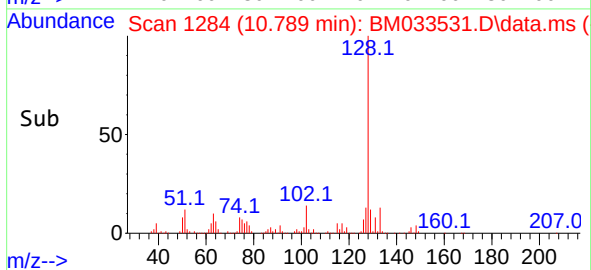
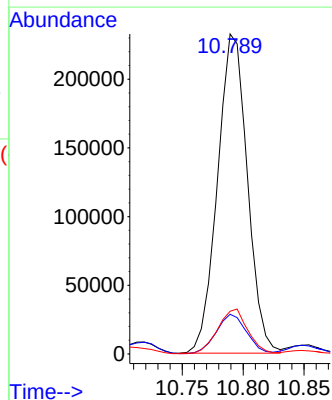
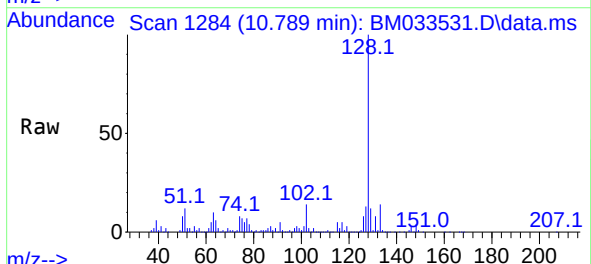
Instrument :
BNA_M
ClientSampleId :
A2-5-6.5DL

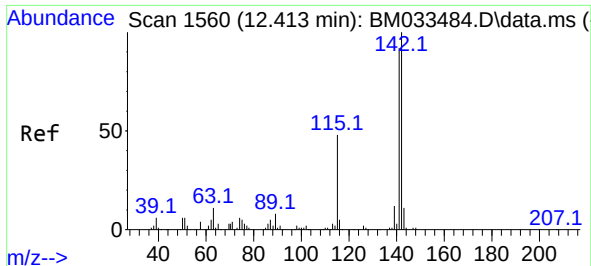
Tgt Ion: 82 Resp: 26522
Ion Ratio Lower Upper
82 100
128 42.4 28.1 42.1#
54 68.4 46.1 69.1



#31
Naphthalene
Concen: 39.441 ng
RT: 10.789 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

Tgt Ion: 128 Resp: 397462
Ion Ratio Lower Upper
128 100
129 12.4 8.5 12.7
127 13.4 10.8 16.2

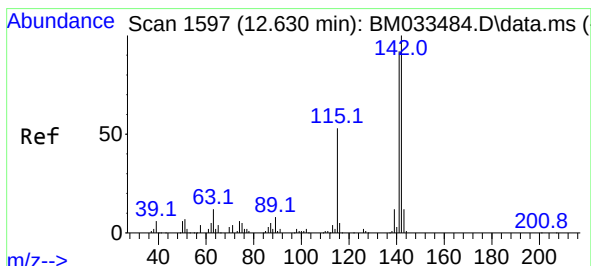
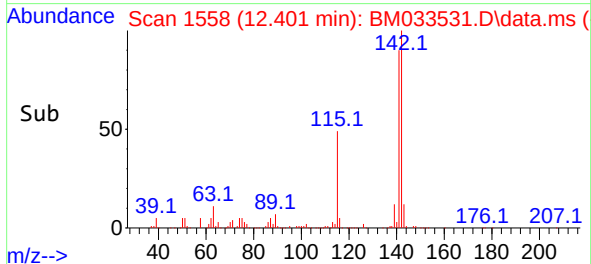
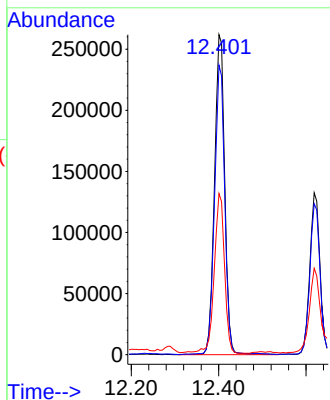
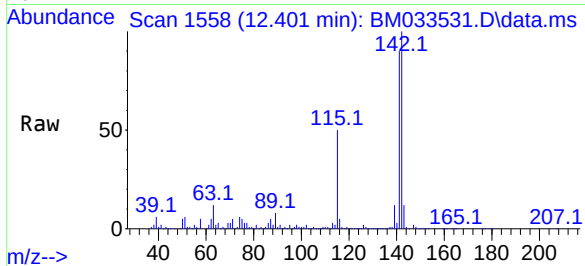




#37
2-Methylnaphthalene
Concen: 61.127 ng
RT: 12.401 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

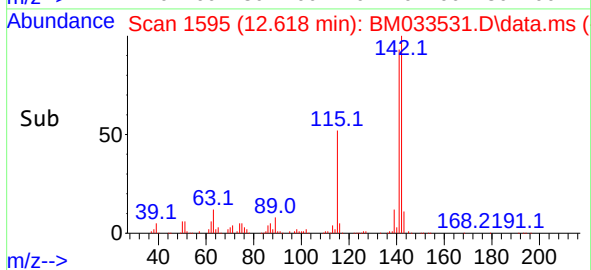
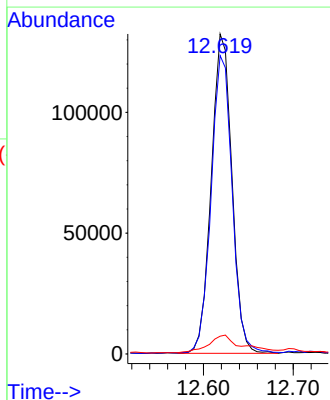
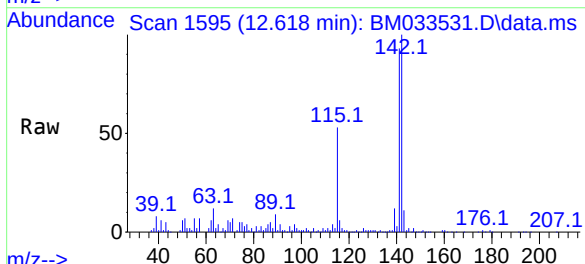
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ClientSampleId :
A2-5-6.5DL

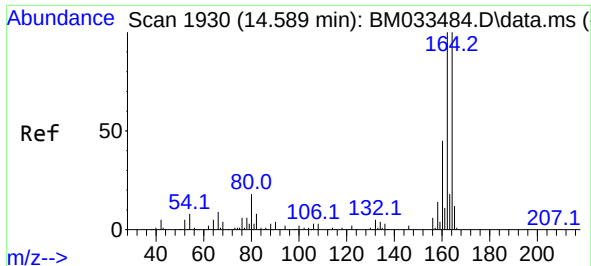
Tgt Ion:142 Resp: 426115
Ion Ratio Lower Upper
142 100
141 90.5 72.2 108.2
115 50.4 33.0 49.6#



#38
1-Methylnaphthalene
Concen: 30.371 ng
RT: 12.618 min Scan# 1595
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

Tgt Ion:142 Resp: 211179
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4
116 5.6 3.5 5.3#

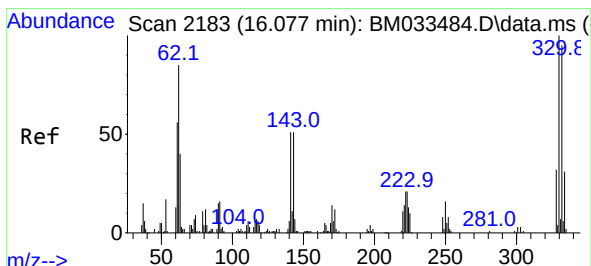
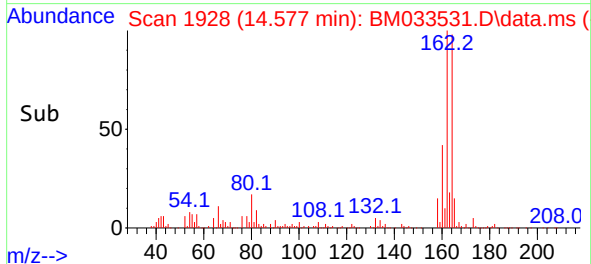
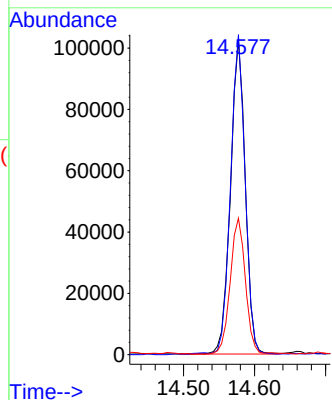
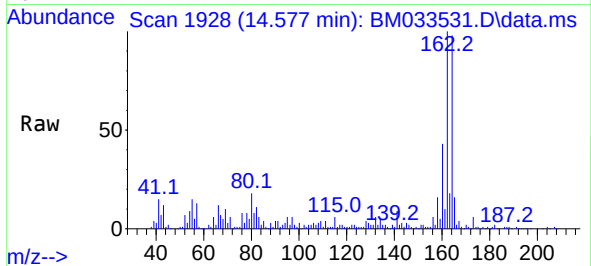




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

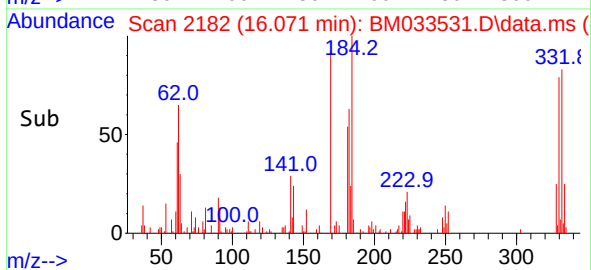
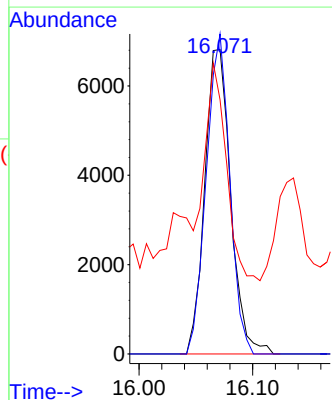
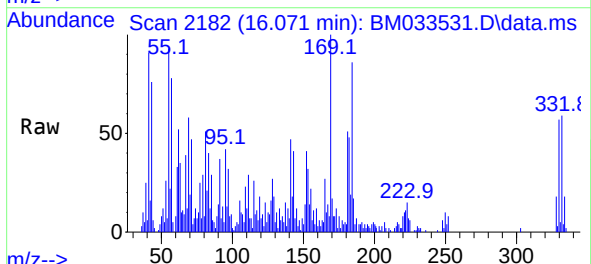
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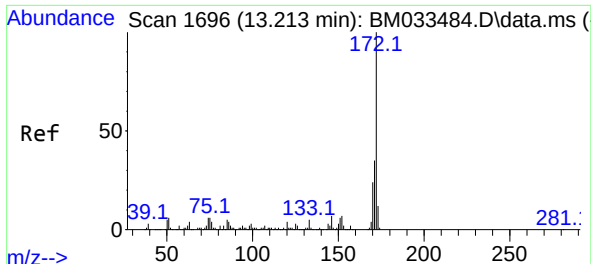
Tgt Ion:164 Resp: 148411
Ion Ratio Lower Upper
164 100
162 101.8 79.7 119.5
160 43.4 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 6.470 ng
RT: 16.071 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

Tgt Ion:330 Resp: 10802
Ion Ratio Lower Upper
330 100
332 94.8 76.5 114.7
141 58.8 35.9 53.9#

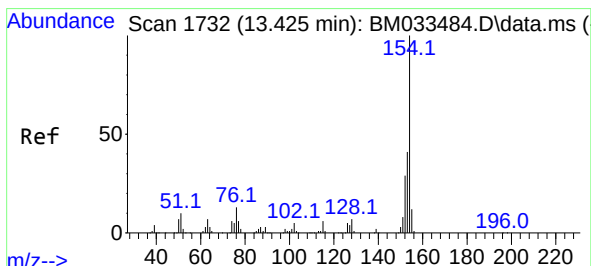
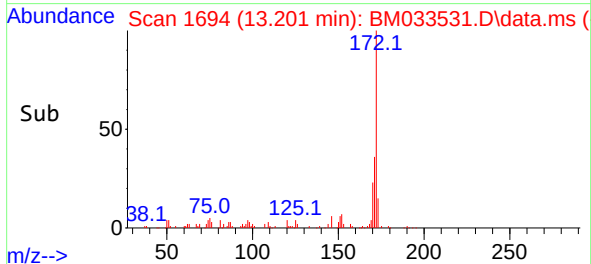
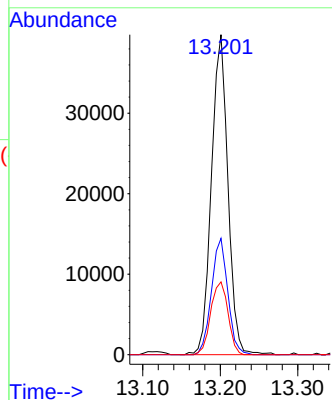
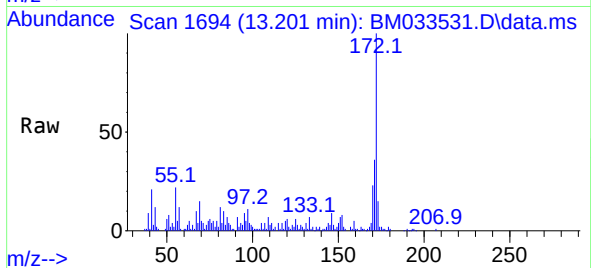




#45
2-Fluorobiphenyl
Concen: 5.470 ng
RT: 13.201 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

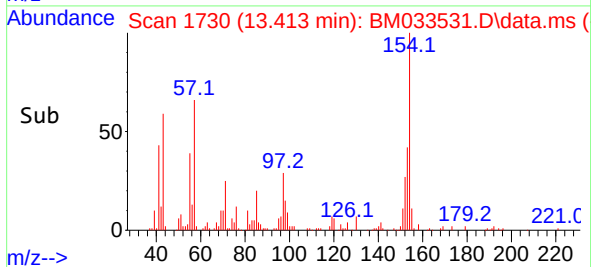
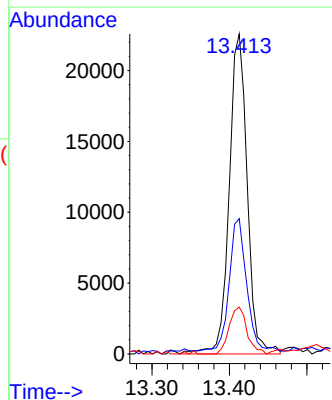
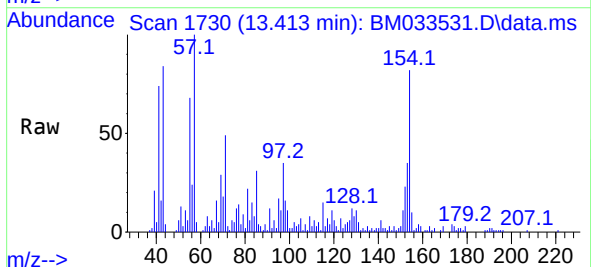
Instrument :
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A2-5-6.5DL

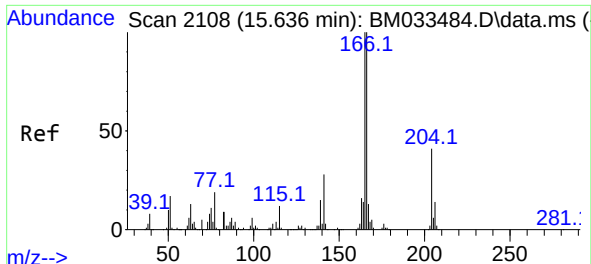
Tgt Ion:172 Resp: 58683
Ion Ratio Lower Upper
172 100
171 36.4 27.2 40.8
170 22.7 18.7 28.1



#46
1,1'-Biphenyl
Concen: 3.322 ng
RT: 13.413 min Scan# 1730
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

Tgt Ion:154 Resp: 36508
Ion Ratio Lower Upper
154 100
153 42.3 20.7 60.7
76 14.7 0.0 34.4

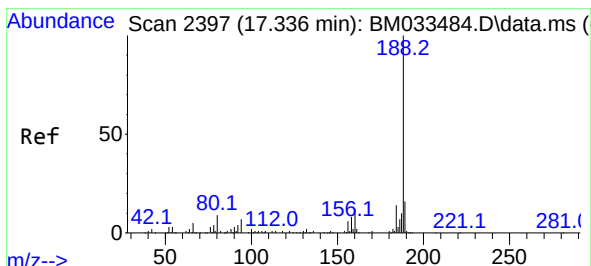
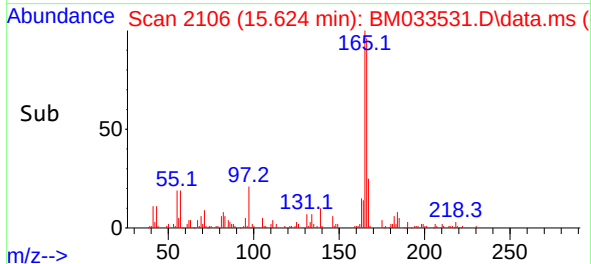
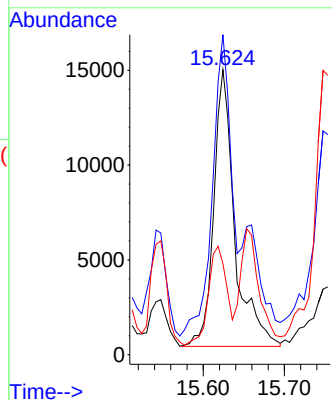
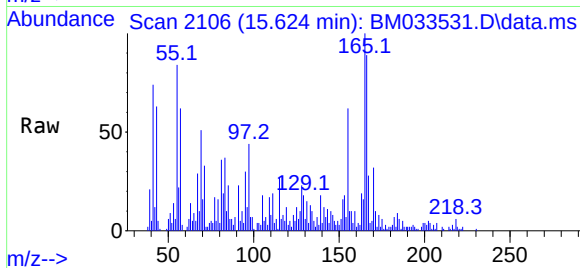




#58
Fluorene
Concen: 2.363 ng
RT: 15.624 min Scan# 2106
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

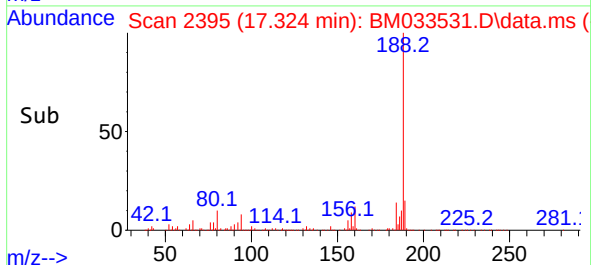
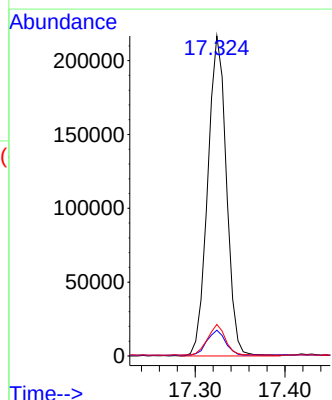
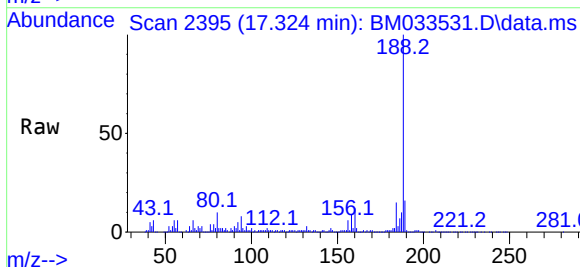
Instrument :
BNA_M
ClientSampleId :
A2-5-6.5DL

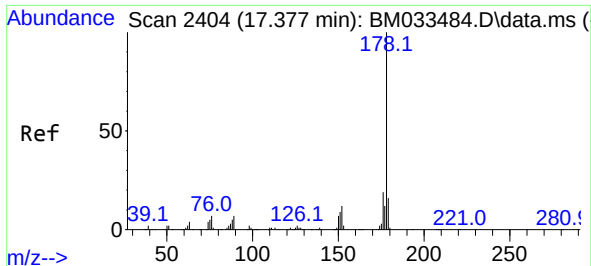
Tgt Ion:166 Resp: 26270
Ion Ratio Lower Upper
166 100
165 112.3 78.1 117.1
167 32.0 10.6 15.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

Tgt Ion:188 Resp: 314068
Ion Ratio Lower Upper
188 100
94 8.0 7.5 11.3
80 9.9 8.9 13.3

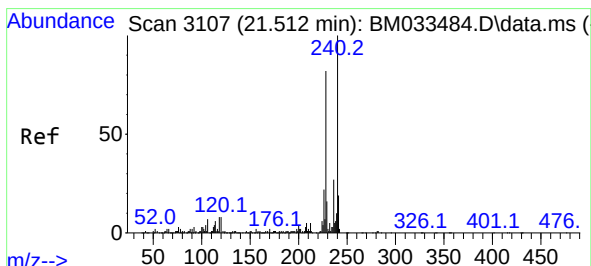
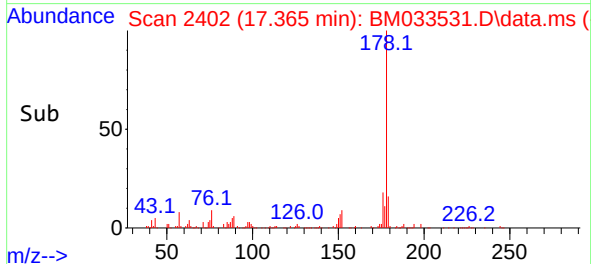
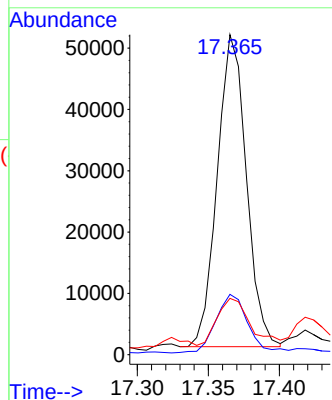
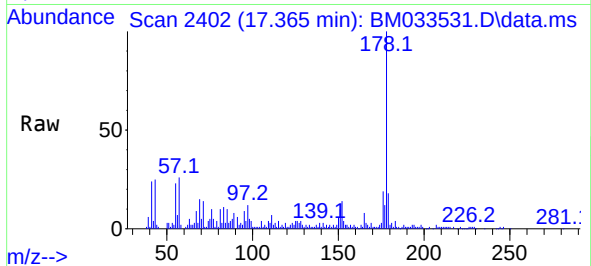




#71
Phenanthrene
Concen: 4.143 ng
RT: 17.365 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

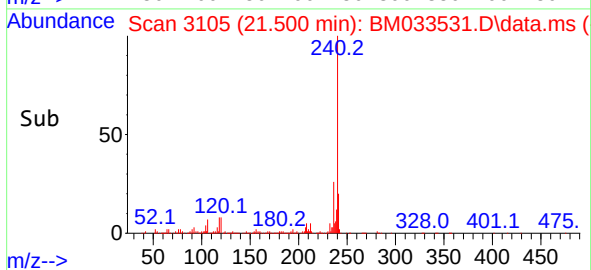
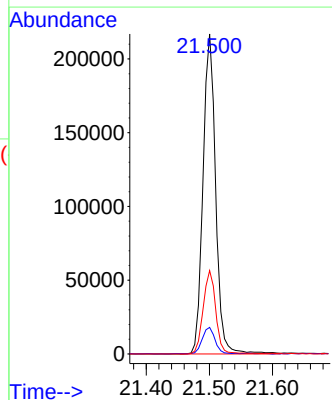
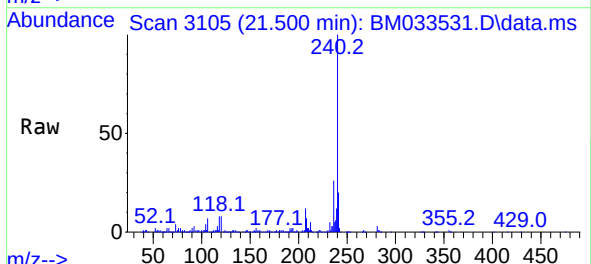
Instrument :
BNA_M
ClientSampleId :
A2-5-6.5DL

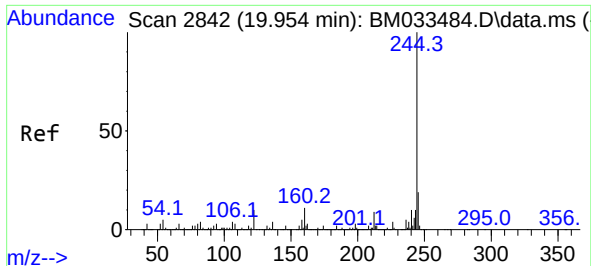
Tgt Ion:178 Resp: 72423
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 17.6 12.0 18.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM033531.D
Acq: 18 Dec 2021 22:27

Tgt Ion:240 Resp: 301864
Ion Ratio Lower Upper
240 100
120 8.3 7.8 11.6
236 26.0 20.3 30.5

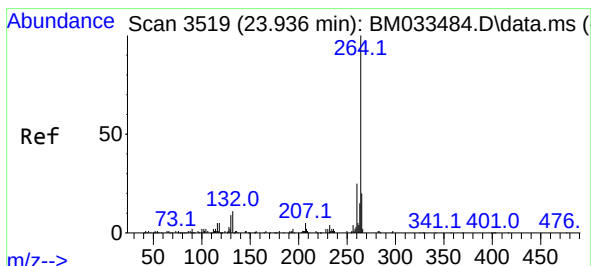
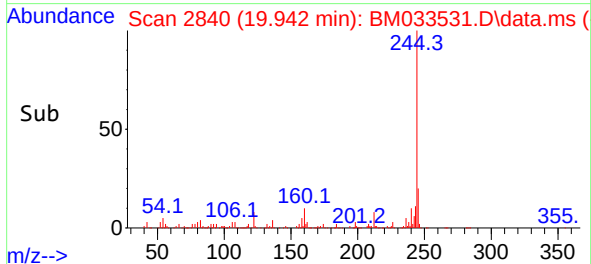
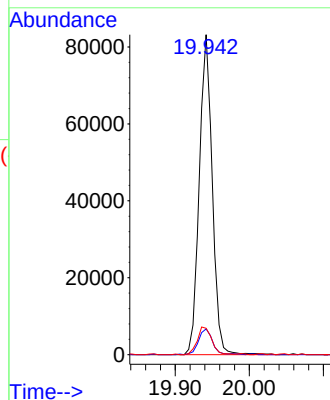
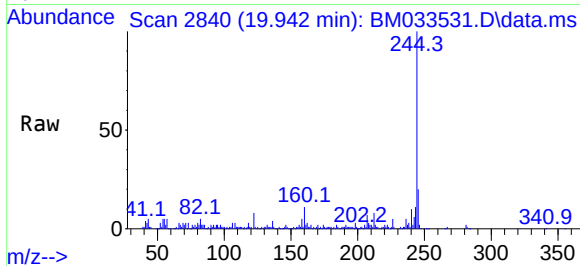




#79
 Terphenyl-d14
 Concen: 5.275 ng
 RT: 19.942 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033531.D
 Acq: 18 Dec 2021 22:27

Instrument :
 BNA_M
 ClientSampleId :
 A2-5-6.5DL

Tgt Ion:244 Resp: 101135
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 8.2 8.4 12.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.912 min Scan# 3515
 Delta R.T. -0.024 min
 Lab File: BM033531.D
 Acq: 18 Dec 2021 22:27

Tgt Ion:264 Resp: 247957
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.7 26.5
 265 21.0 17.7 26.5

