

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
 Data File : BM029533.D
 Acq On : 16 Apr 2021 22:01
 Operator : CG/JU
 Sample : M2030-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 04-14-21-A

Quant Time: Apr 16 23:21:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:56:50 2021
 Response via : Initial Calibration

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

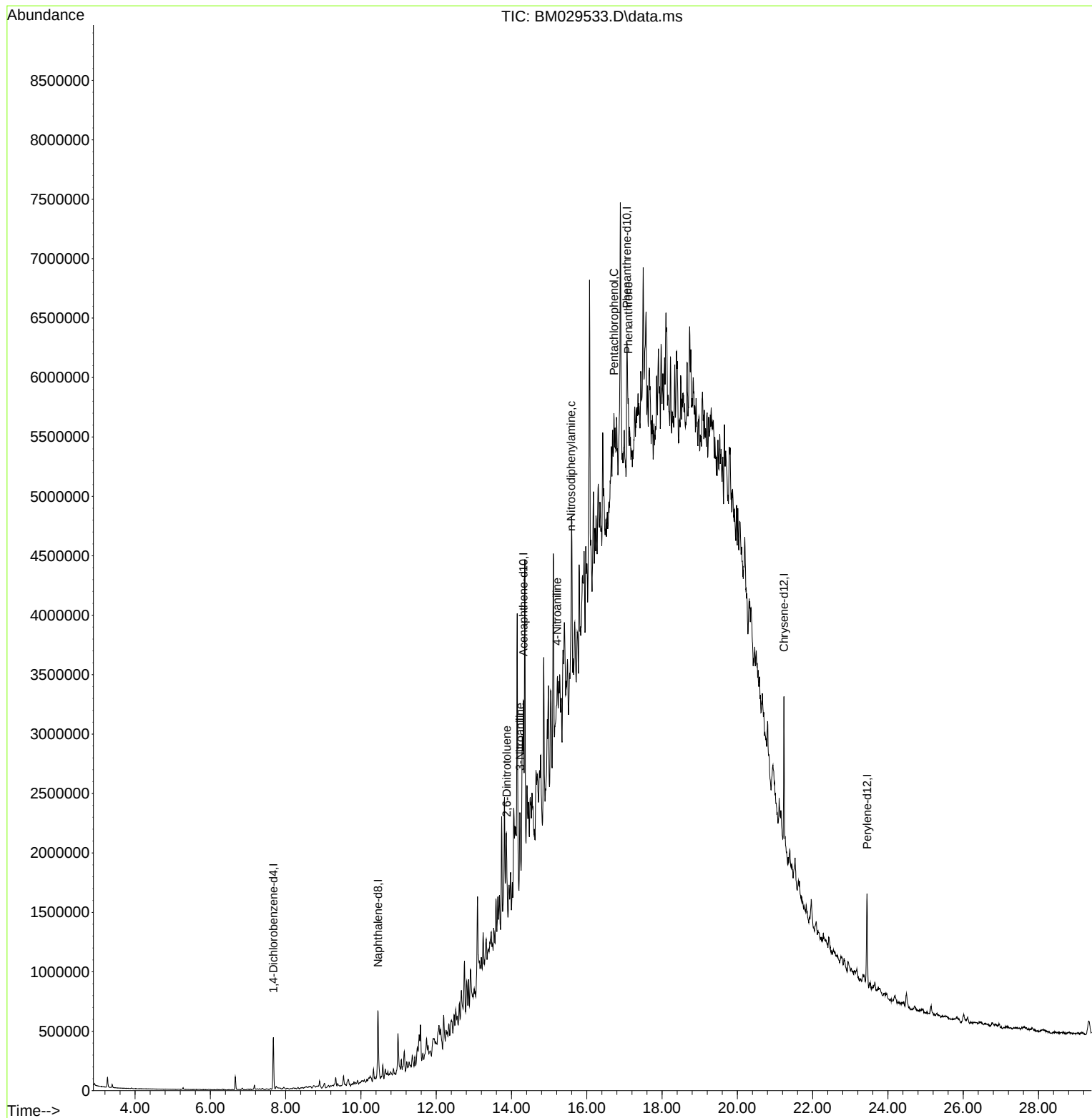
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	101848	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	403914	20.00	ng	0.00
39) Acenaphthene-d10	14.315	164	251717	20.00	ng	0.00
64) Phenanthrene-d10	17.062	188	513884	20.00	ng	# 0.00
76) Chrysene-d12	21.239	240	445648	20.00	ng	# 0.00
86) Perylene-d12	23.444	264	443985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	4808	0.78	ng	0.00
7) Phenol-d6	6.851	99	6553	0.75	ng	0.00
23) Nitrobenzene-d5	8.828	82	7242	0.82	ng	0.00
42) 2,4,6-Tribromophenol	15.809	330	2690	1.07	ng	0.00
45) 2-Fluorobiphenyl	12.933	172	15554	0.86	ng	0.00
79) Terphenyl-d14	19.692	244	23048	0.98	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	13.874	165	17621	4.35	ng	# 39
53) 3-Nitroaniline	14.227	138	16189	3.92	ng	# 23
62) 4-Nitroaniline	15.210	138	24757	5.70	ng	94
66) n-Nitrosodiphenylamine	15.586	169	34128	2.01	ng	# 58
70) Pentachlorophenol	16.727	266	2504	6.41	ng	# 1
71) Phenanthrene	17.104	178	60450	2.03	ng	# 24

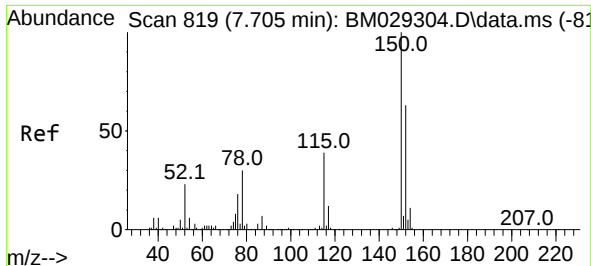
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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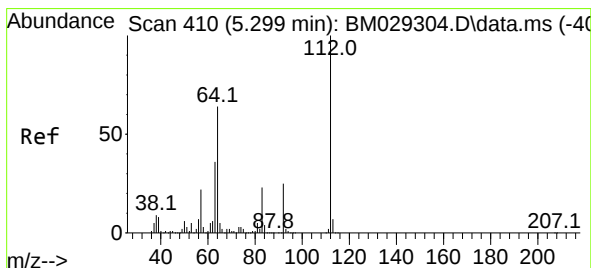
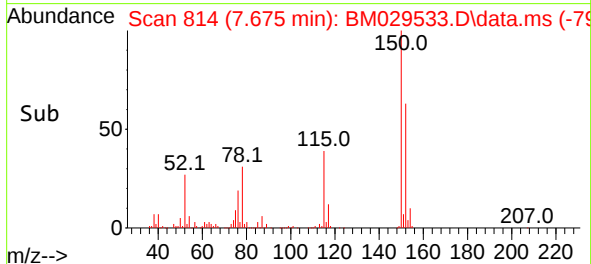
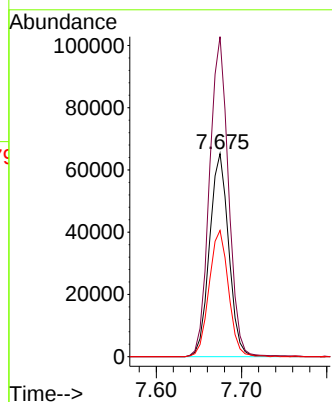
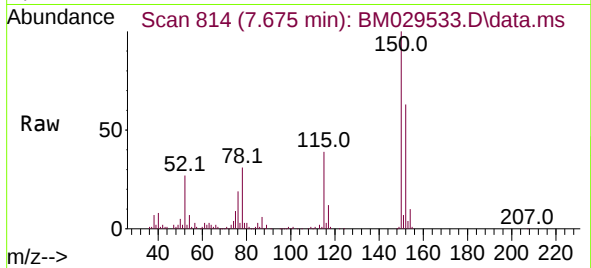




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

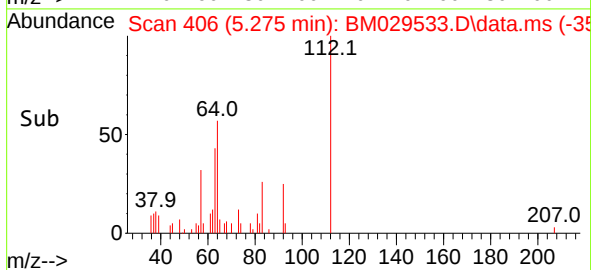
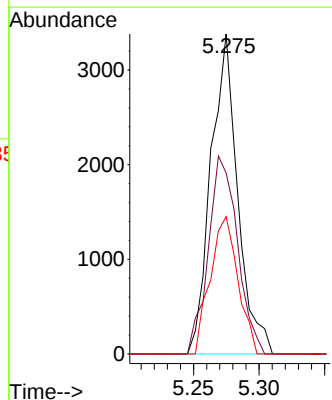
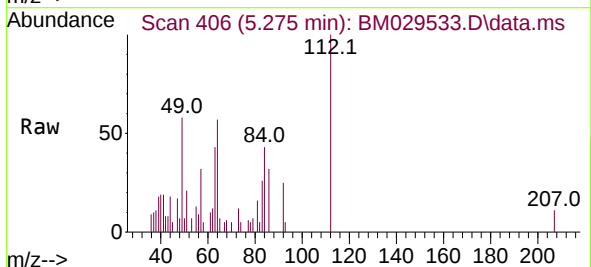
Instrument :
BNA_M
ClientSampleId :
04-14-21-A

Tgt Ion:152 Resp: 101848
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 62.2 46.4 69.6



#5
2-Fluorophenol
Concen: 0.78 ng
RT: 5.275 min Scan# 406
Delta R.T. 0.006 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

Tgt Ion:112 Resp: 4808
Ion Ratio Lower Upper
112 100
64 56.6 51.6 77.4
63 42.9 29.0 43.4

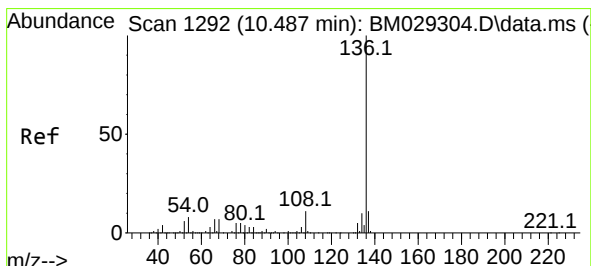
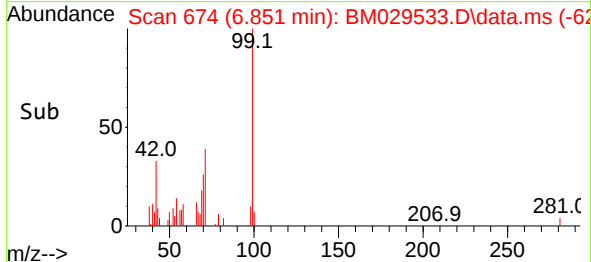
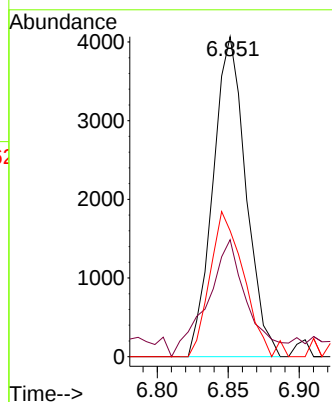
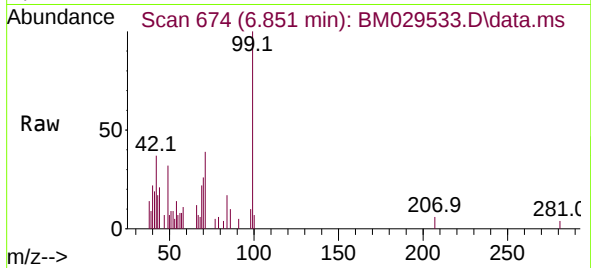




#7
Phenol-d6
Concen: 0.75 ng
RT: 6.851 min Scan# 674
Delta R.T. -0.000 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

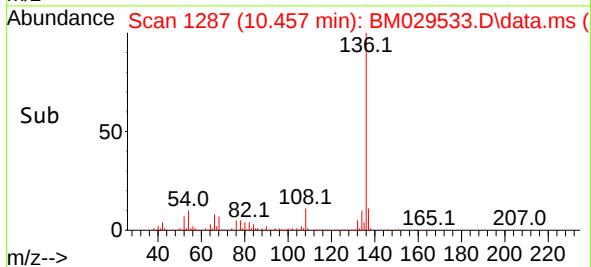
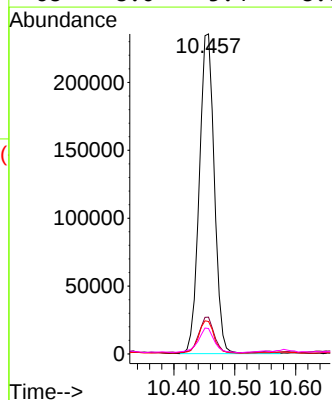
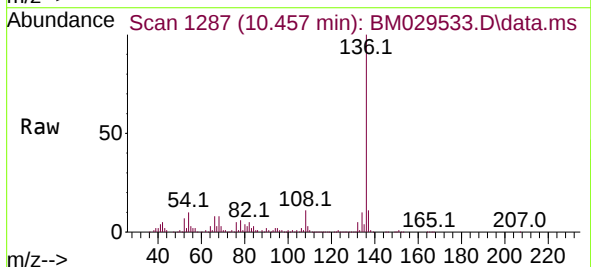
Instrument :
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ClientSampleId :
04-14-21-A

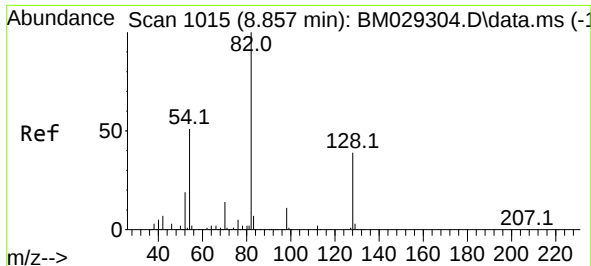
Tgt Ion:	99	Resp:	6553
Ion	Ratio	Lower	Upper
99	100		
42	36.5	18.5	27.7#
71	39.4	31.8	47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.457 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

Tgt Ion:	136	Resp:	403914
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	10.2	6.9	10.3
68	8.0	5.4	8.0

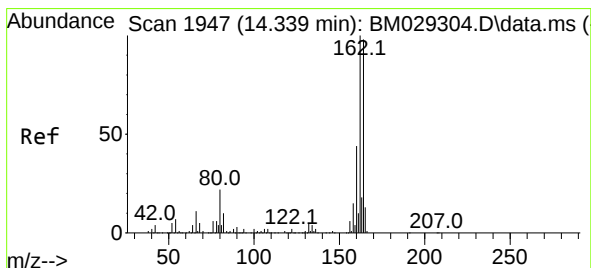
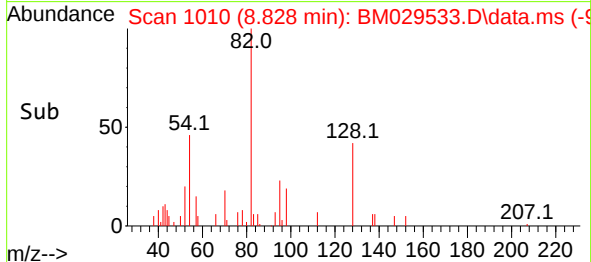
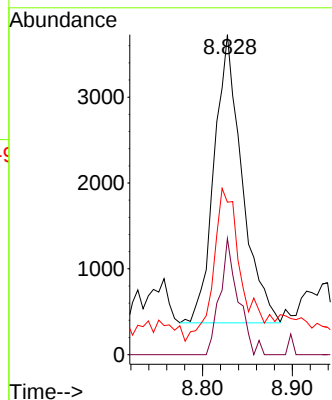
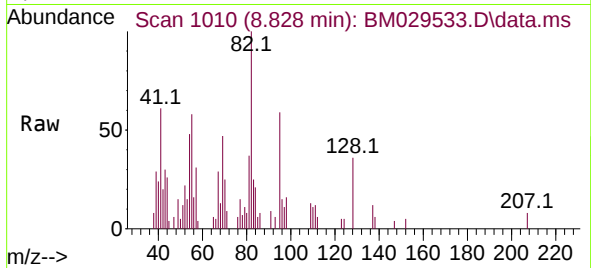




#23
Nitrobenzene-d5
Concen: 0.82 ng
RT: 8.828 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

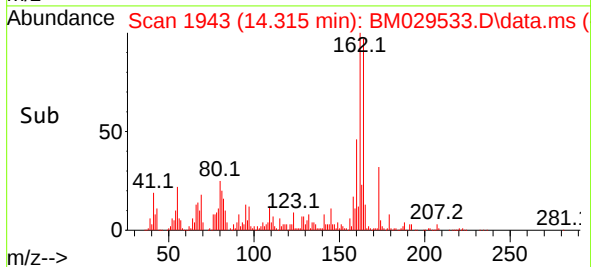
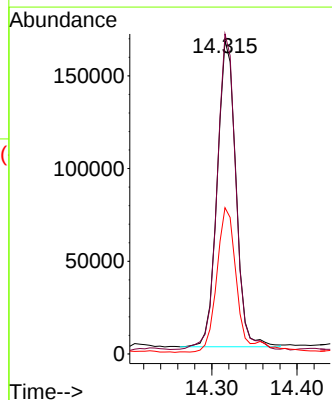
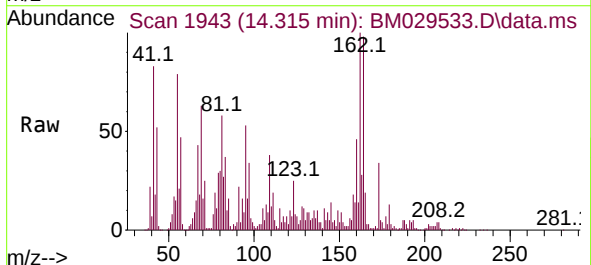
Instrument :
BNA_M
ClientSampleId :
04-14-21-A

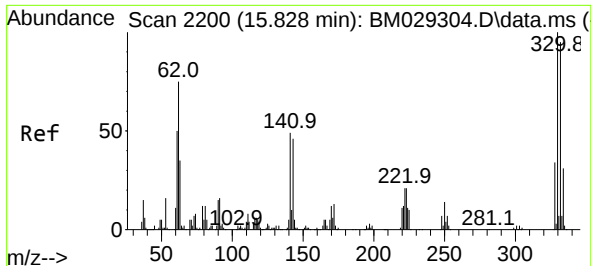
Tgt Ion: 82 Resp: 7242
Ion Ratio Lower Upper
82 100
128 36.3 28.6 42.8
54 47.6 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.315 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

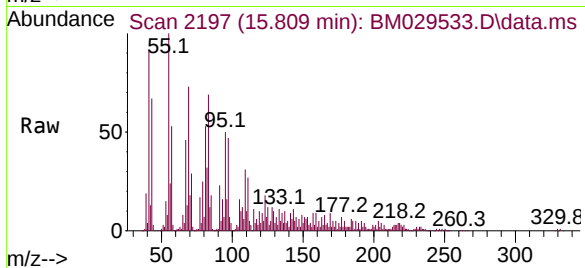
Tgt Ion:164 Resp: 251717
Ion Ratio Lower Upper
164 100
162 102.1 84.4 126.6
160 46.7 36.6 54.8



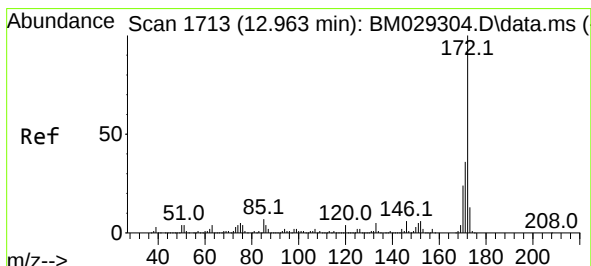
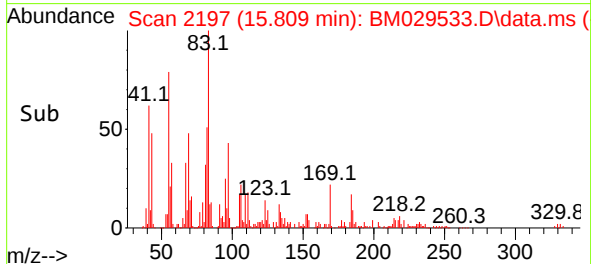
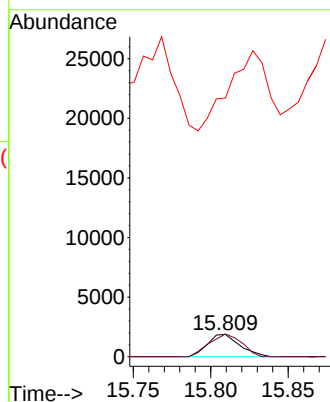


#42
2,4,6-Tribromophenol
Concen: 1.07 ng
RT: 15.809 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

Instrument :
BNA_M
ClientSampleId :
04-14-21-A

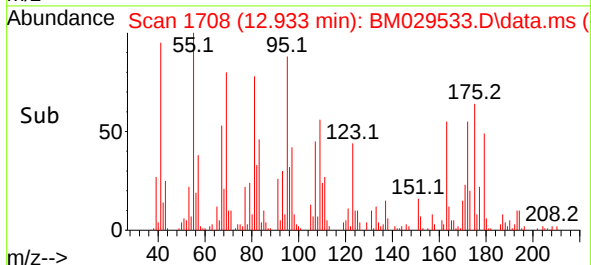
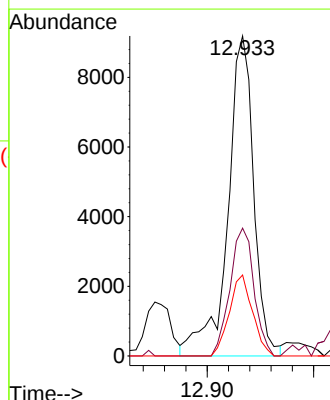
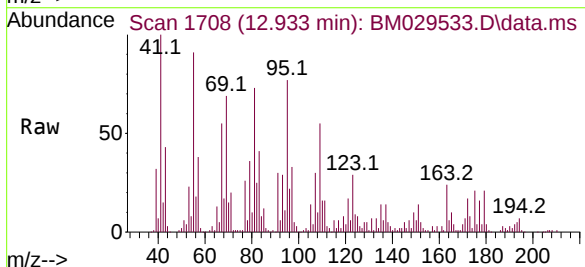


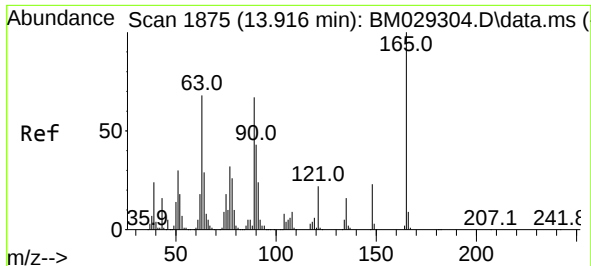
Tgt Ion:330 Resp: 2690
Ion Ratio Lower Upper
330 100
332 102.4 77.1 115.7
141 434.7 39.2 58.8#



#45
2-Fluorobiphenyl
Concen: 0.86 ng
RT: 12.933 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

Tgt Ion:172 Resp: 15554
Ion Ratio Lower Upper
172 100
171 40.0 28.7 43.1
170 25.3 18.8 28.2

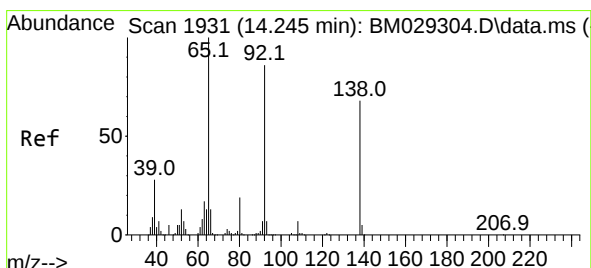
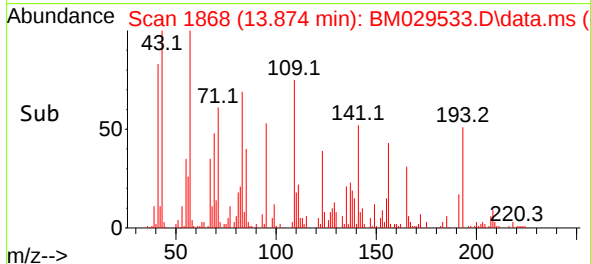
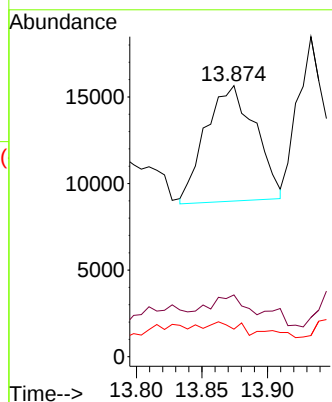
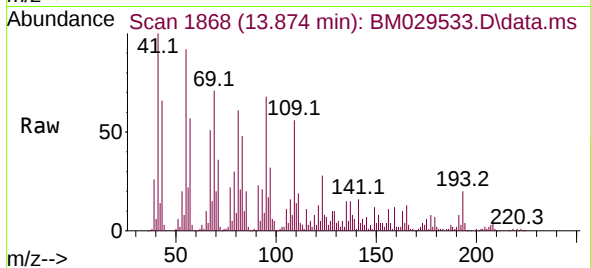




#51
2,6-Dinitrotoluene
Concen: 4.35 ng
RT: 13.874 min Scan# 1868
Delta R.T. -0.018 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

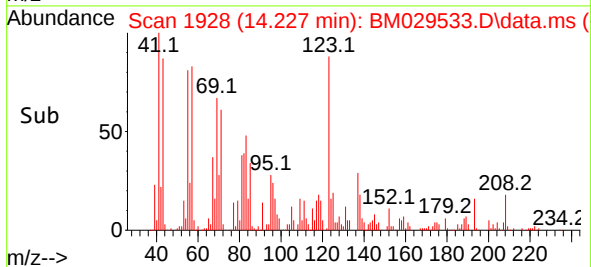
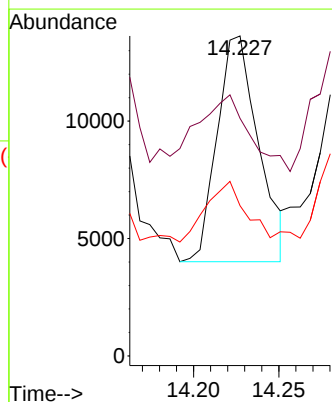
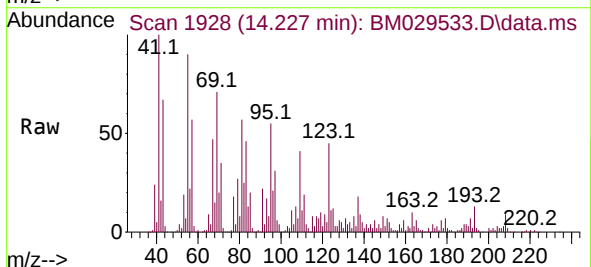
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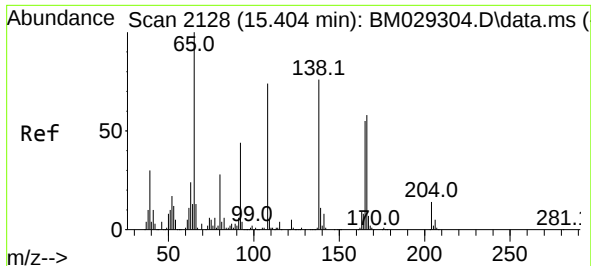
Tgt Ion:165 Resp: 17621
Ion Ratio Lower Upper
165 100
63 22.8 51.4 77.2#
89 10.2 51.4 77.2#



#53
3-Nitroaniline
Concen: 3.92 ng
RT: 14.227 min Scan# 1928
Delta R.T. 0.006 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

Tgt Ion:138 Resp: 16189
Ion Ratio Lower Upper
138 100
108 74.2 9.0 13.4#
92 47.0 101.4 152.0#

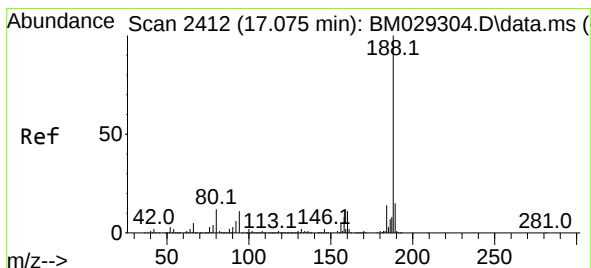
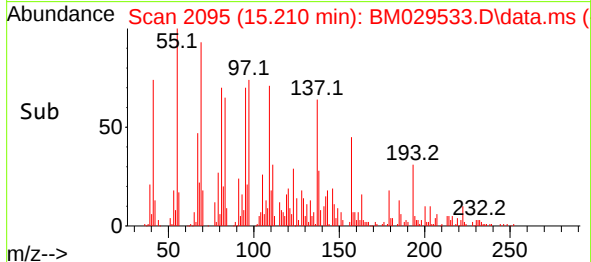
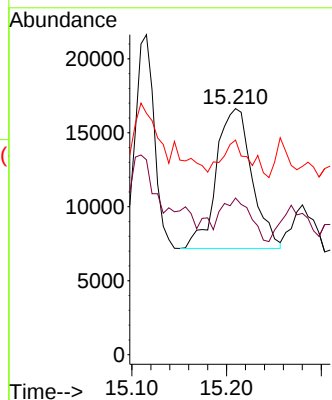
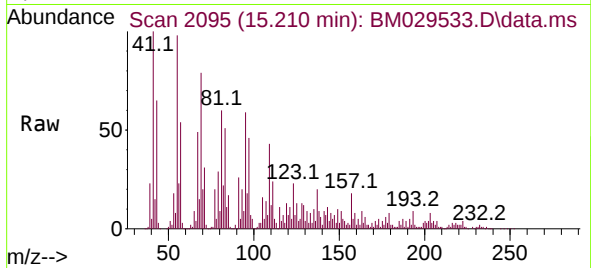




#62
4-Nitroaniline
Concen: 5.70 ng
RT: 15.210 min Scan# 2095
Delta R.T. -0.177 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

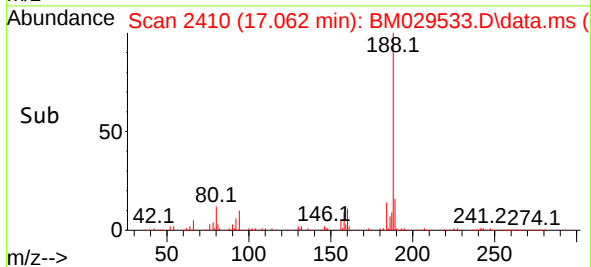
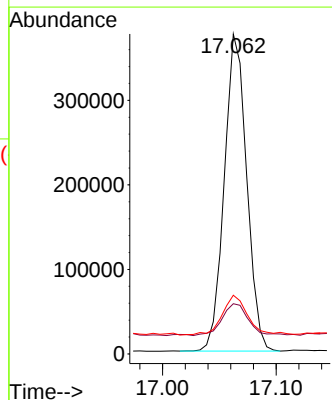
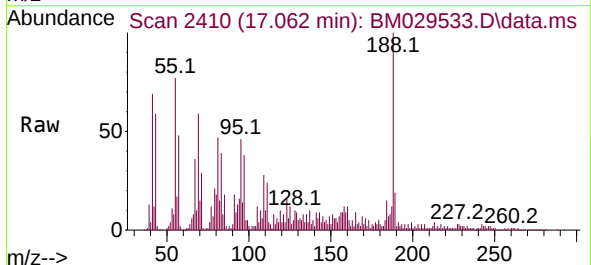
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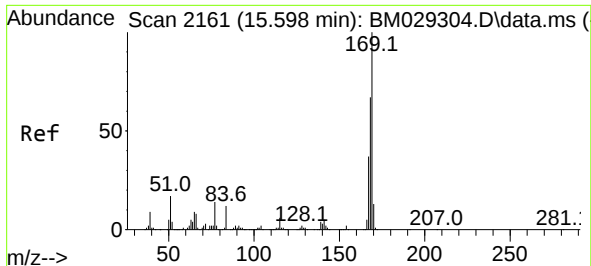
Tgt Ion:138 Resp: 24757
Ion Ratio Lower Upper
138 100
92 63.7 38.2 78.2
108 87.2 71.7 111.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.062 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

Tgt Ion:188 Resp: 513884
Ion Ratio Lower Upper
188 100
94 15.7 8.1 12.1#
80 18.3 9.2 13.8#

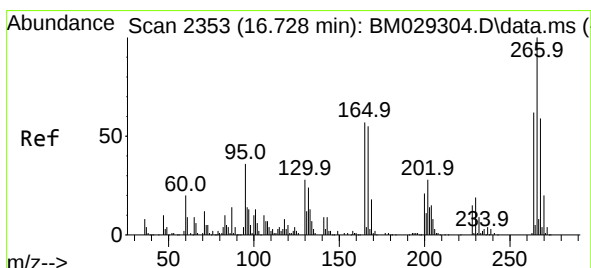
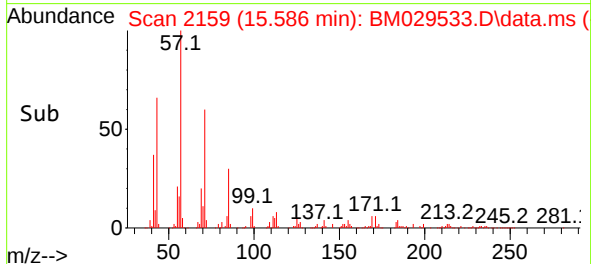
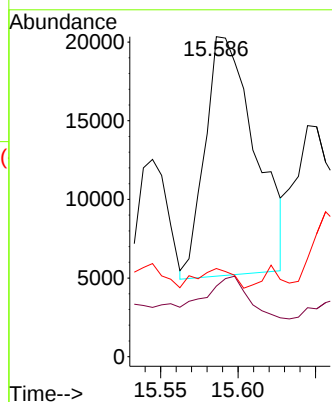
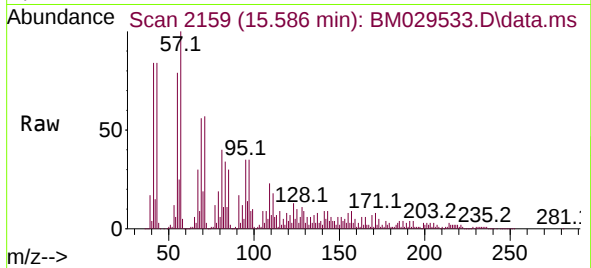




#66
n-Nitrosodiphenylamine
Concen: 2.01 ng
RT: 15.586 min Scan# 2159
Delta R.T. 0.012 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

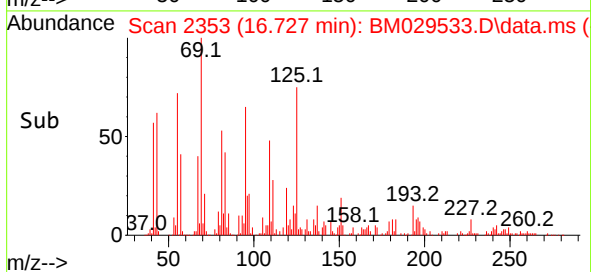
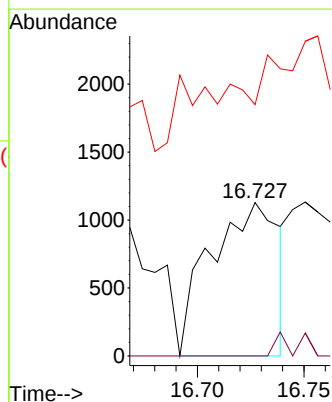
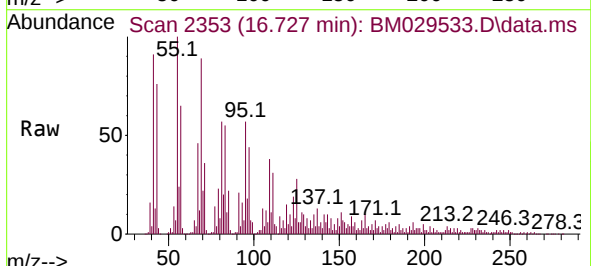
Instrument :
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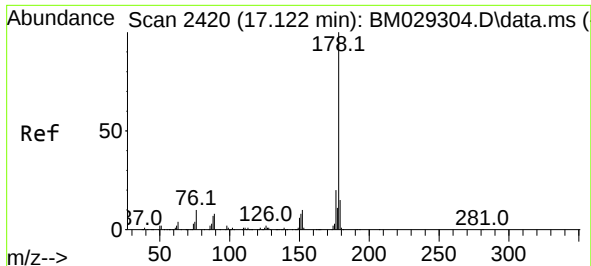
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Ion Ratio Lower Upper
169 100
168 22.0 54.6 81.8#
167 27.5 29.4 44.0#



#70
Pentachlorophenol
Concen: 6.41 ng
RT: 16.727 min Scan# 2353
Delta R.T. 0.018 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

Tgt Ion:266 Resp: 2504
Ion Ratio Lower Upper
266 100
268 0.0 52.2 78.2#
264 163.9 50.9 76.3#

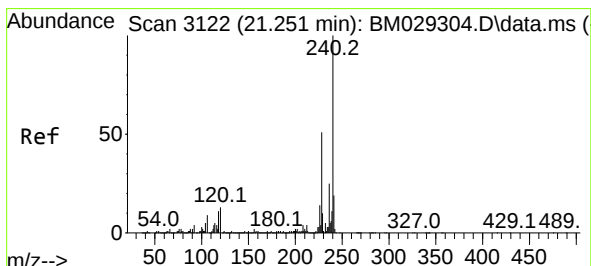
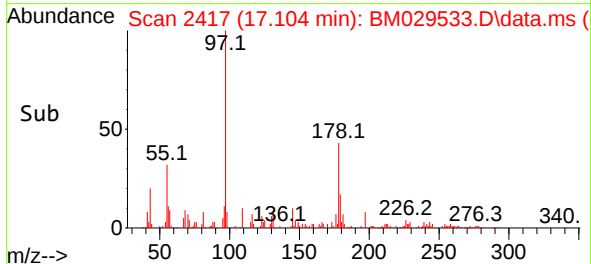
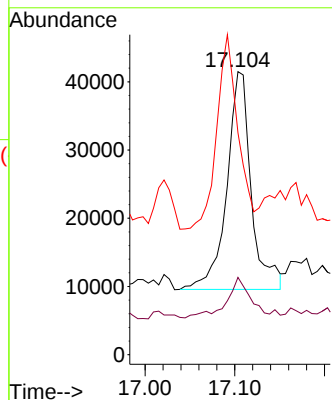
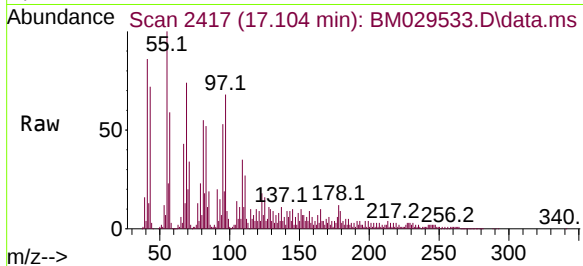




#71
Phenanthrene
Concen: 2.03 ng
RT: 17.104 min Scan# 2417
Delta R.T. 0.006 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

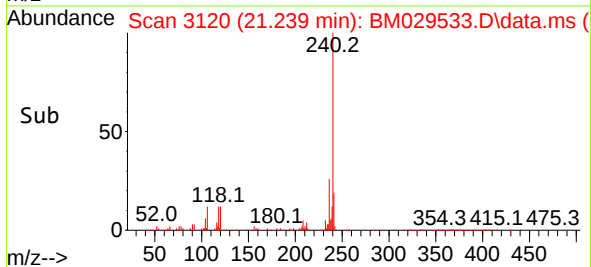
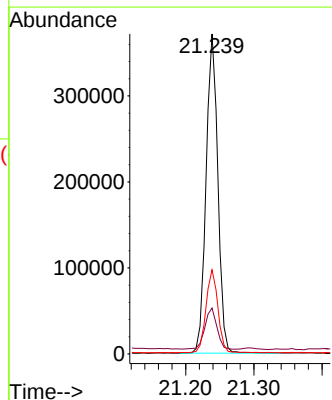
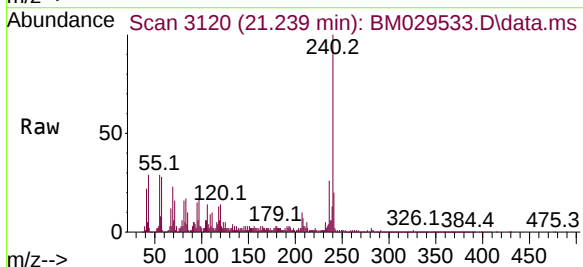
Instrument :
BNA_M
ClientSampleId :
04-14-21-A

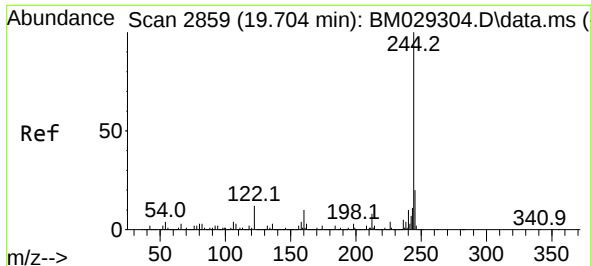
Tgt Ion:178 Resp: 60450
Ion Ratio Lower Upper
178 100
176 27.3 15.7 23.5#
179 78.4 11.9 17.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.239 min Scan# 3120
Delta R.T. 0.006 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

Tgt Ion:240 Resp: 445648
Ion Ratio Lower Upper
240 100
120 14.4 9.0 13.6#
236 26.3 20.3 30.5

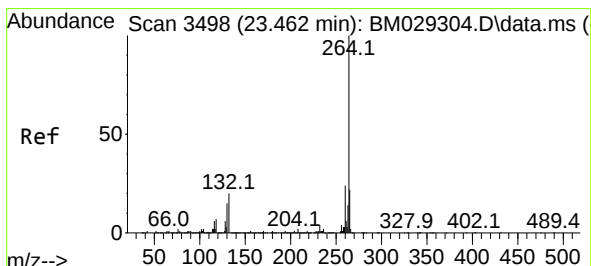
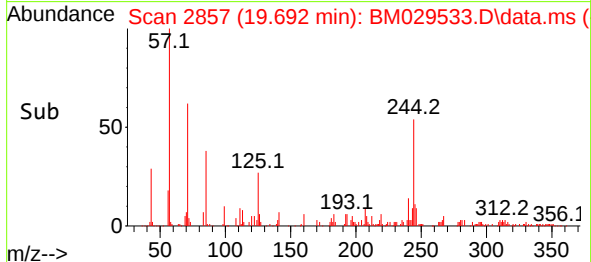
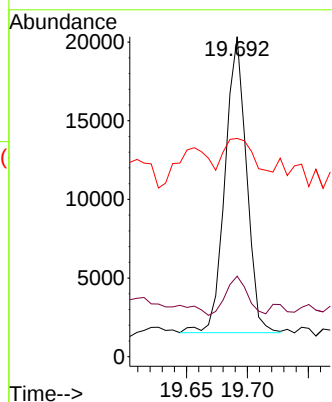
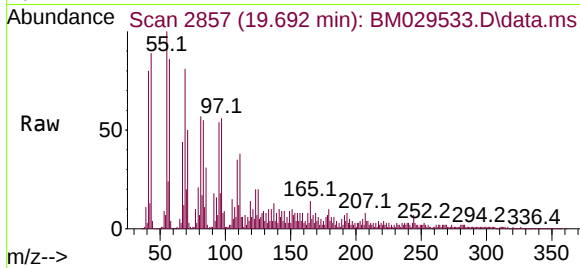




#79
Terphenyl-d14
Concen: 0.98 ng
RT: 19.692 min Scan# 2857
Delta R.T. 0.006 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

Instrument :
BNA_M
ClientSampled :
04-14-21-A

Tgt Ion:244 Resp: 23048
Ion Ratio Lower Upper
244 100
212 25.2 6.5 9.7#
122 68.2 9.2 13.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.444 min Scan# 3495
Delta R.T. 0.006 min
Lab File: BM029533.D
Acq: 16 Apr 2021 22:01

Tgt Ion:264 Resp: 443985
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 22.0 17.8 26.8

