

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040221\
 Data File : BM029336.D
 Acq On : 03 Apr 2021 02:16
 Operator : CG/JU
 Sample : M1883-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 V-211

Quant Time: Apr 03 02:57:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 16:52:48 2021
 Response via : Initial Calibration

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

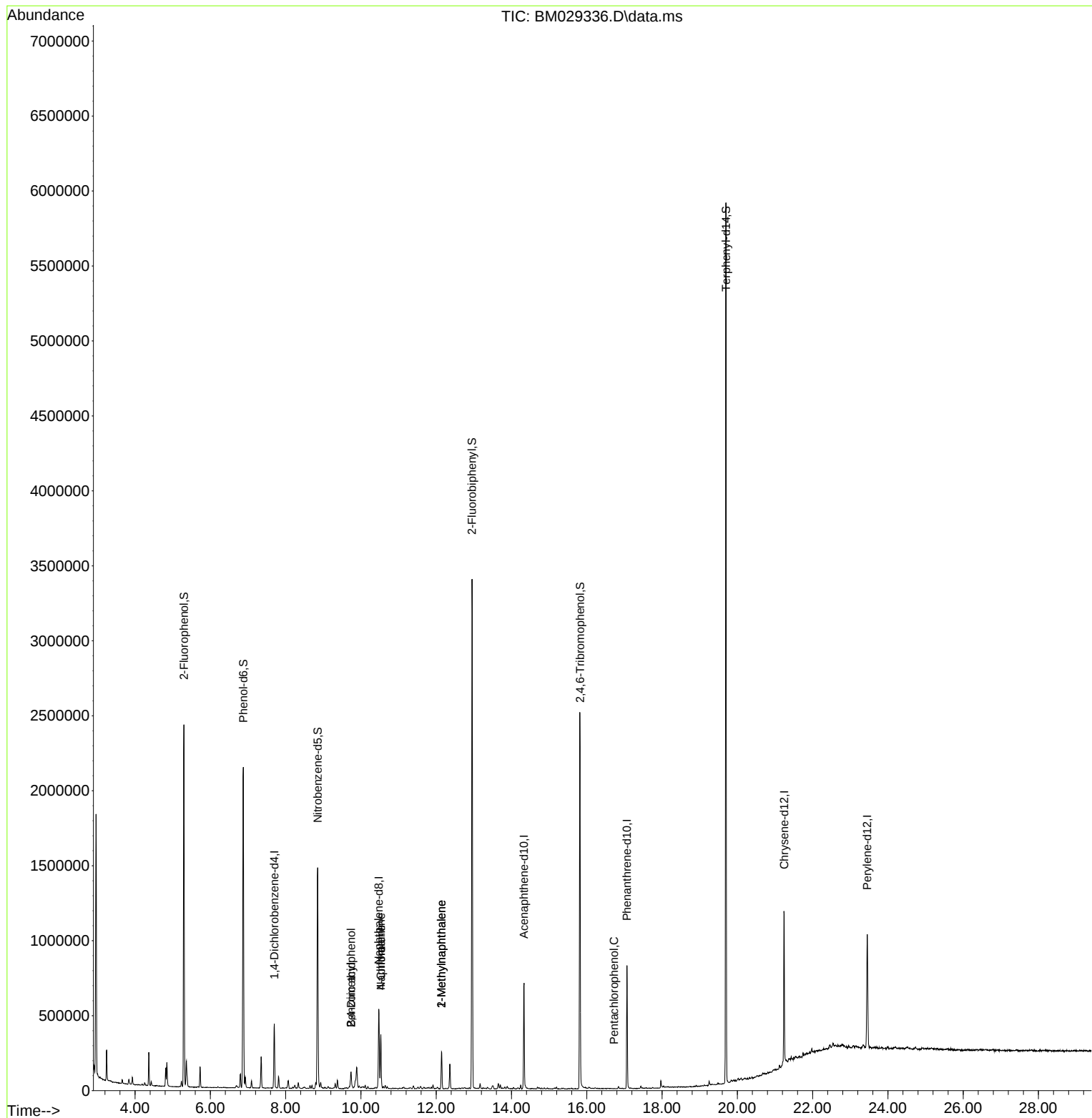
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	102638	20.00	ng	0.00
21) Naphthalene-d8	10.475	136	389087	20.00	ng	-0.01
39) Acenaphthene-d10	14.333	164	217282	20.00	ng	0.00
64) Phenanthrene-d10	17.068	188	436154	20.00	ng	0.00
76) Chrysene-d12	21.245	240	443188	20.00	ng	0.00
86) Perylene-d12	23.450	264	470747	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	880471	141.64	ng	0.00
7) Phenol-d6	6.875	99	1051324	119.80	ng	0.00
23) Nitrobenzene-d5	8.851	82	827434	97.50	ng	0.00
42) 2,4,6-Tribromophenol	15.821	330	338595	155.91	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1586862	101.75	ng	-0.01
79) Terphenyl-d14	19.698	244	2217837	95.05	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.739	122	29532	5.41	ng	Qvalue # 4
31) Naphthalene	10.528	128	246145	12.00	ng	99
32) Benzoic acid	9.739	122	29532	7.16	ng	92
33) 4-Chloroaniline	10.528	127	33353	4.04	ng	# 35
37) 2-Methylnaphthalene	12.139	142	108266	7.49	ng	98
38) 1-Methylnaphthalene	12.139	142	108266	7.92	ng	98
70) Pentachlorophenol	16.727	266	289	5.77	ng	93

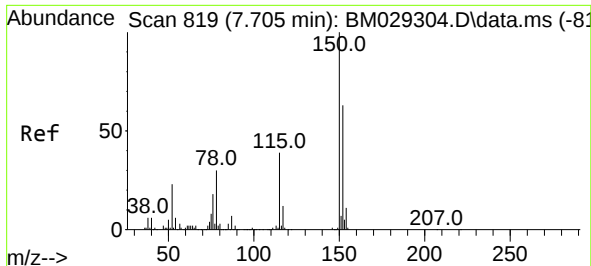
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040221\
Data File : BM029336.D
Acq On : 03 Apr 2021 02:16
Operator : CG/JU
Sample : M1883-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
V-211

Quant Time: Apr 03 02:57:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 16:52:48 2021
Response via : Initial Calibration

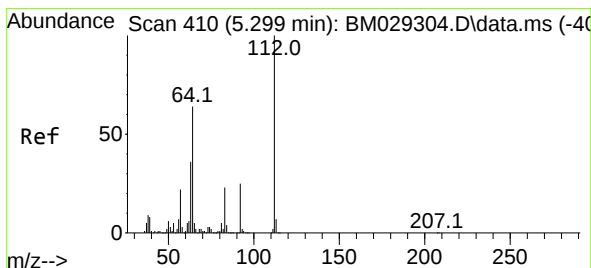
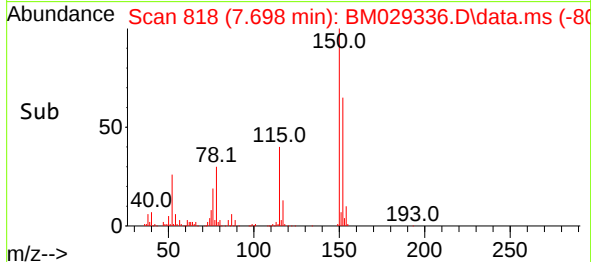
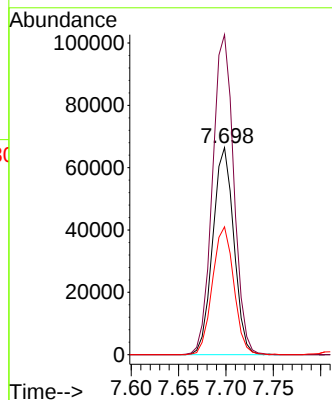
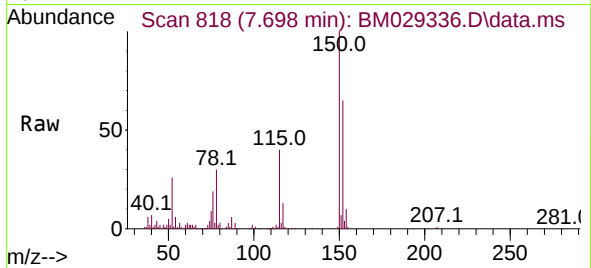




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.698 min Scan# 818
Delta R.T. -0.007 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

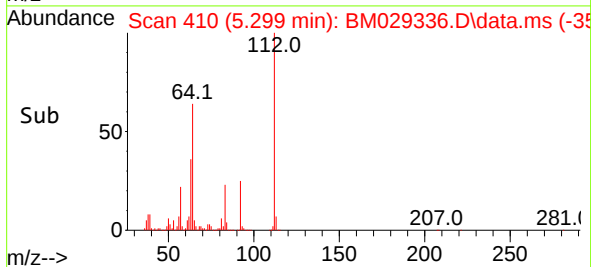
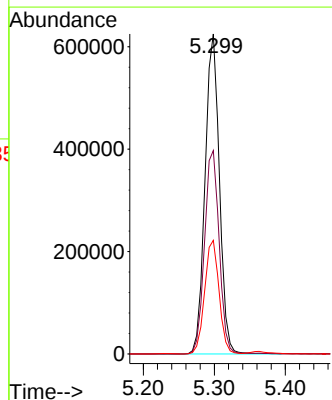
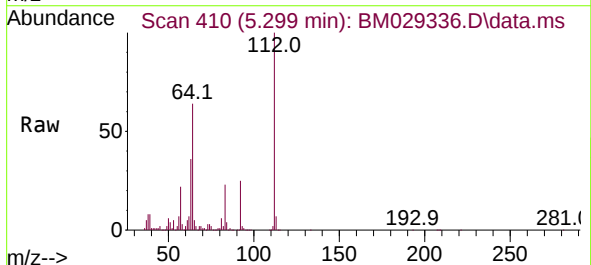
Instrument :
BNA_M
ClientSampleId :
V-211

Tgt Ion:152 Resp: 102638
Ion Ratio Lower Upper
152 100
150 154.6 124.3 186.5
115 61.7 46.4 69.6



#5
2-Fluorophenol
Concen: 141.64 ng
RT: 5.299 min Scan# 410
Delta R.T. -0.000 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

Tgt Ion:112 Resp: 880471
Ion Ratio Lower Upper
112 100
64 63.6 51.6 77.4
63 35.5 29.0 43.4

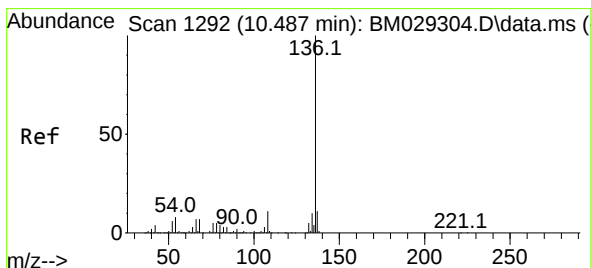
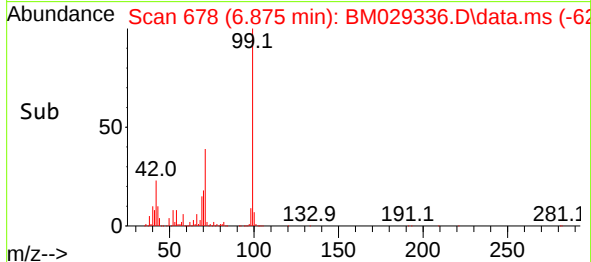
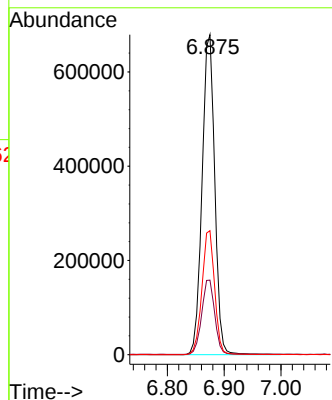
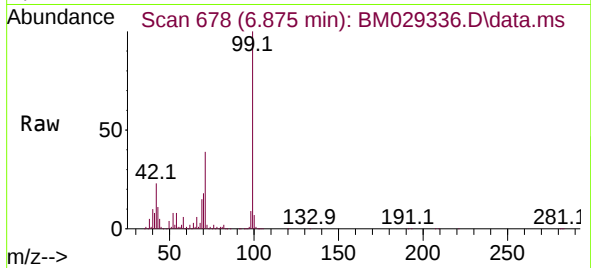




#7
Phenol-d6
Concen: 119.80 ng
RT: 6.875 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

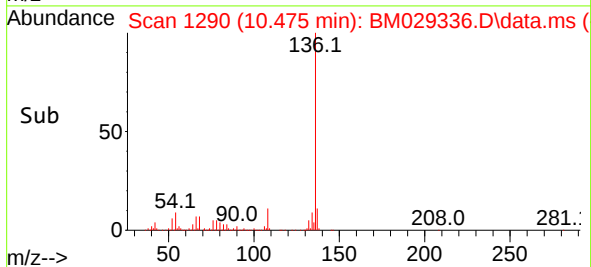
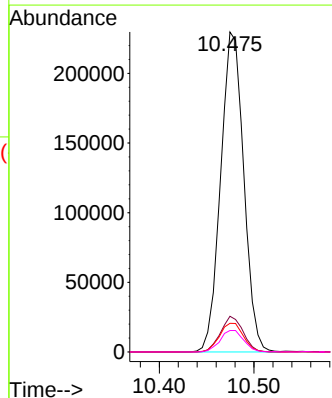
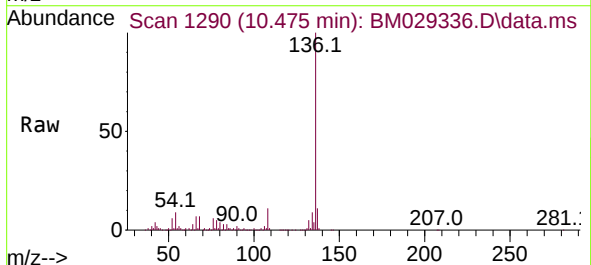
Instrument :
BNA_M
ClientSampleId :
V-211

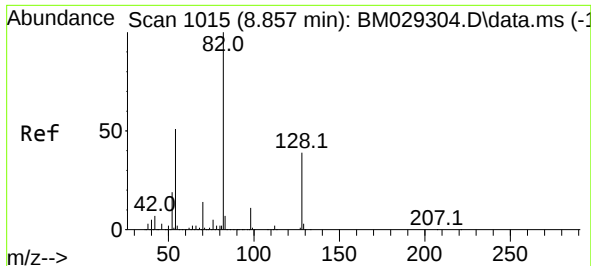
Tgt Ion: 99 Resp: 1051324
Ion Ratio Lower Upper
99 100
42 23.3 18.5 27.7
71 38.8 31.8 47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.475 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

Tgt Ion: 136 Resp: 389087
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 8.9 6.9 10.3
68 6.7 5.4 8.0

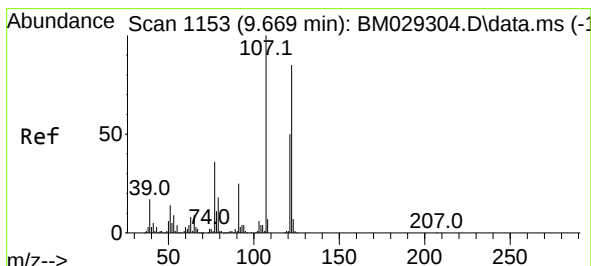
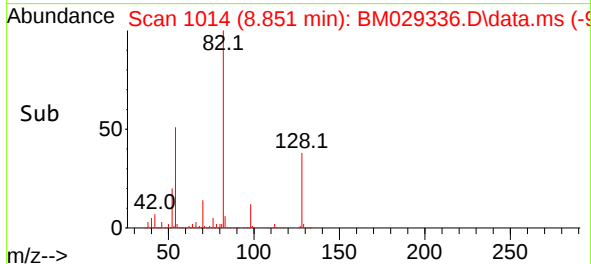
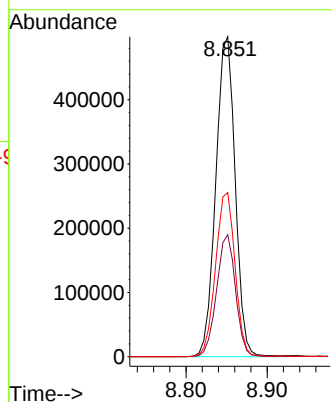
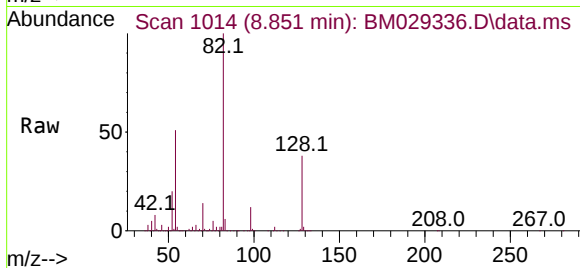




#23
Nitrobenzene-d5
Concen: 97.50 ng
RT: 8.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

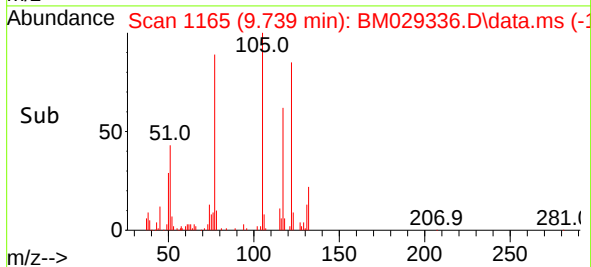
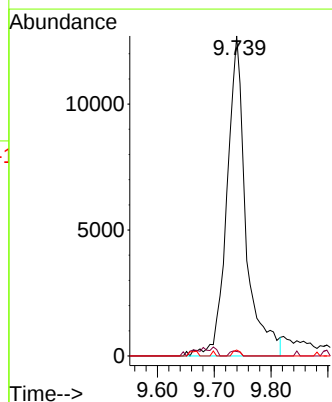
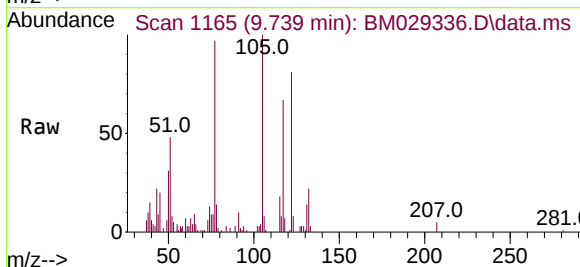
Instrument :
BNA_M
ClientSampled :
V-211

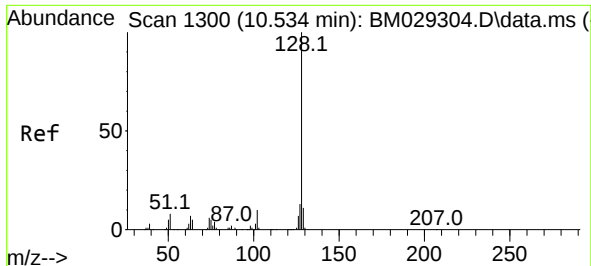
Tgt Ion: 82 Resp: 827434
Ion Ratio Lower Upper
82 100
128 38.1 28.6 42.8
54 51.3 40.7 61.1



#27
2,4-Dimethylphenol
Concen: 5.41 ng
RT: 9.739 min Scan# 1165
Delta R.T. 0.070 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

Tgt Ion:122 Resp: 29532
Ion Ratio Lower Upper
122 100
107 1.4 95.0 142.6#
121 1.8 45.8 68.6#

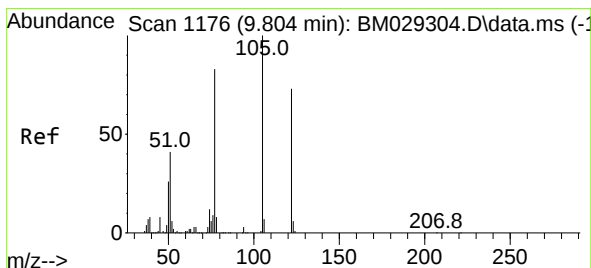
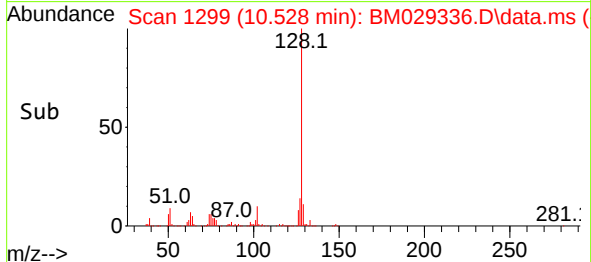
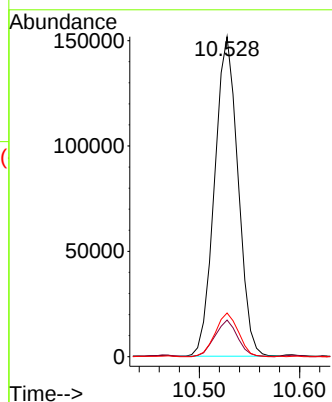
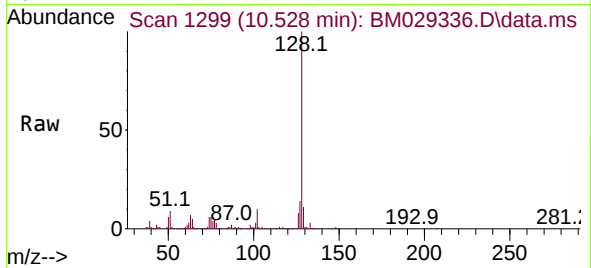




#31
Naphthalene
Concen: 12.00 ng
RT: 10.528 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

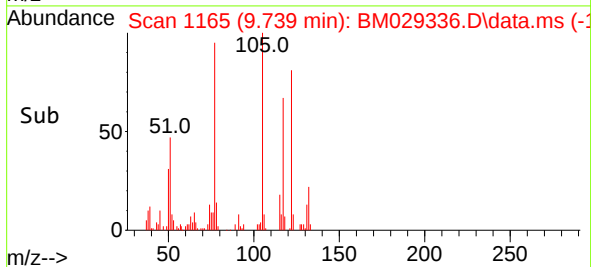
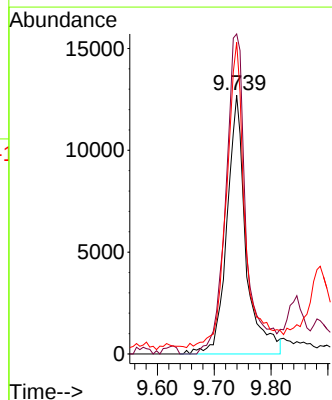
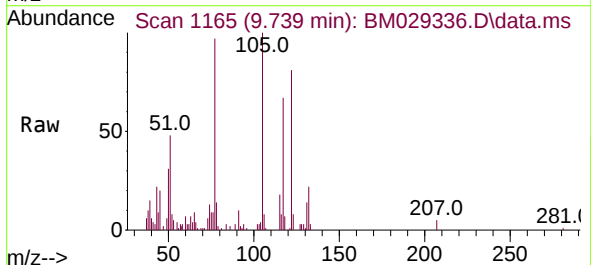
Instrument :
BNA_M
ClientSampled :
V-211

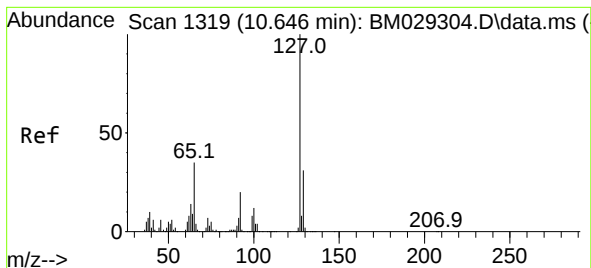
Tgt Ion:128 Resp: 246145
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 7.16 ng
RT: 9.739 min Scan# 1165
Delta R.T. -0.065 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

Tgt Ion:122 Resp: 29532
Ion Ratio Lower Upper
122 100
105 123.6 108.2 148.2
77 120.4 86.0 126.0

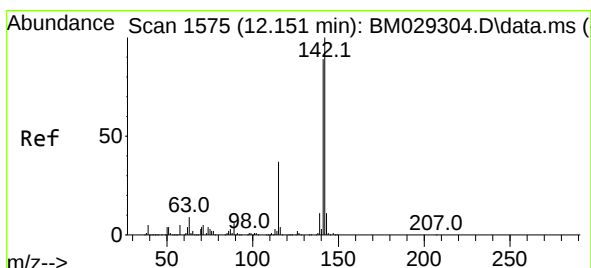
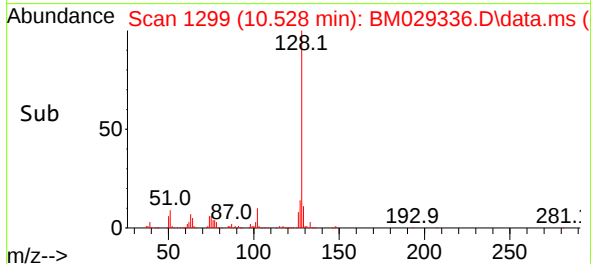
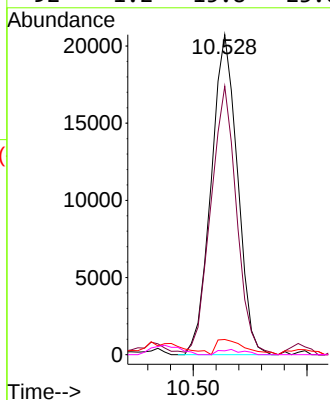
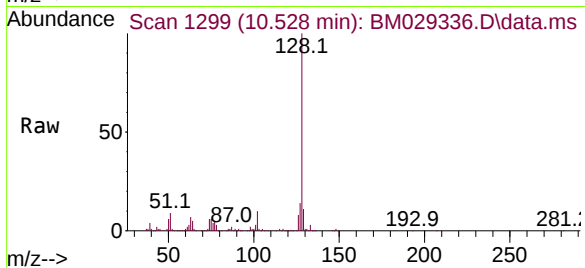




#33
4-Chloroaniline
Concen: 4.04 ng
RT: 10.528 min Scan# 1299
Delta R.T. -0.118 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

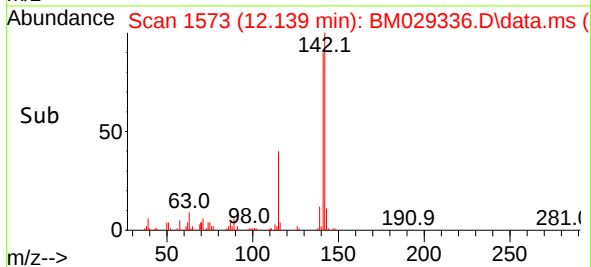
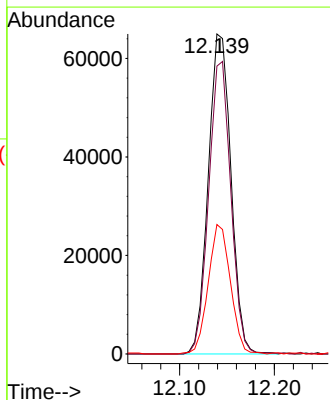
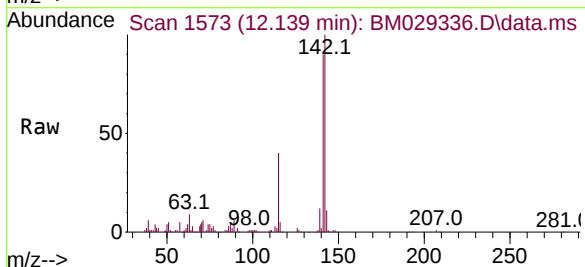
Instrument :
BNA_M
ClientSampled :
V-211

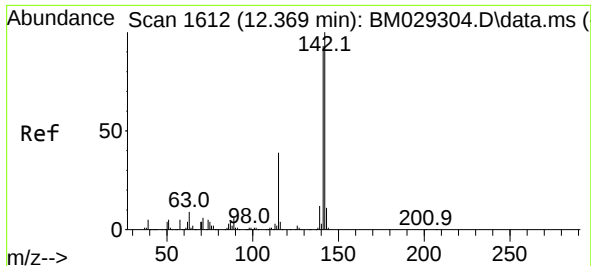
Tgt Ion:	127	Resp:	33353
Ion	Ratio	Lower	Upper
127	100		
129	83.9	25.4	38.0#
65	4.7	28.6	42.8#
92	1.2	15.8	23.6#



#37
2-Methylnaphthalene
Concen: 7.49 ng
RT: 12.139 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

Tgt Ion:	142	Resp:	108266
Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.0	108.0
115	40.4	29.8	44.6

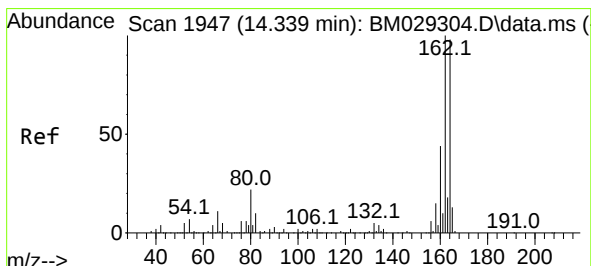
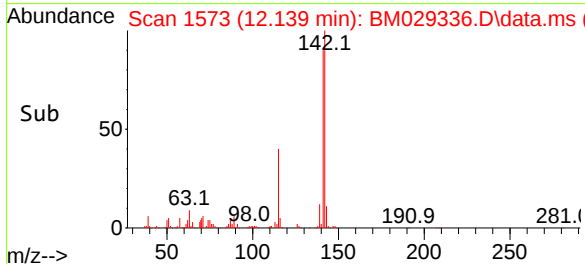
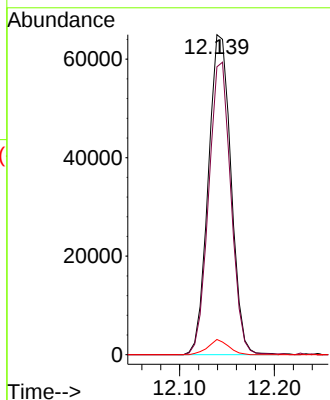
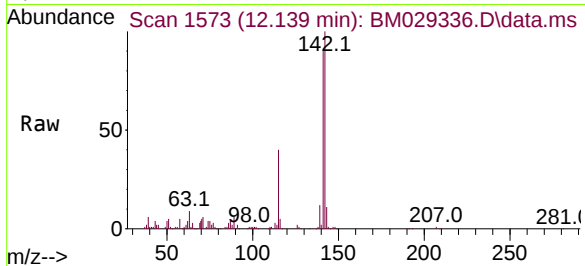




#38
1-Methylnaphthalene
Concen: 7.92 ng
RT: 12.139 min Scan# 1573
Delta R.T. -0.230 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

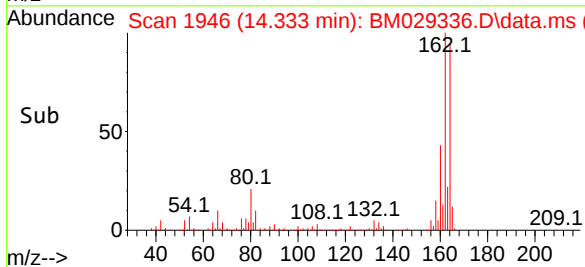
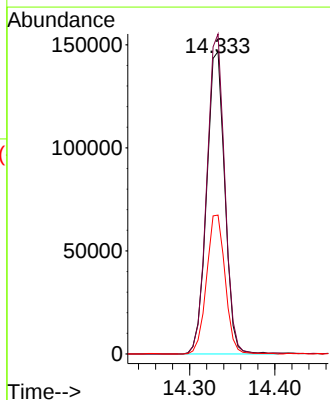
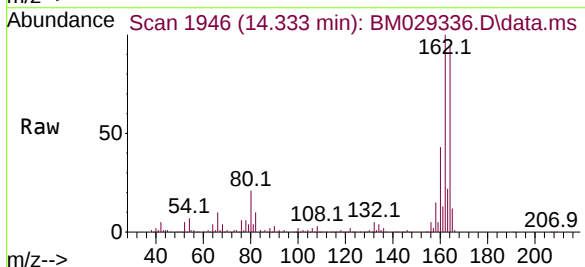
Instrument :
BNA_M
ClientSampleId :
V-211

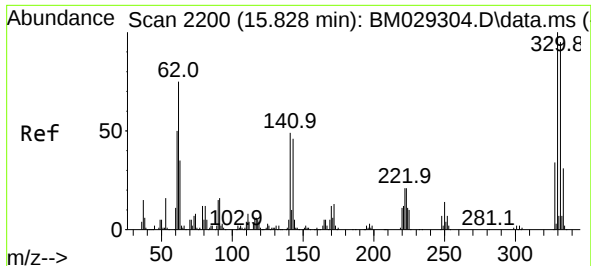
Tgt Ion:142 Resp: 108266
Ion Ratio Lower Upper
142 100
141 89.9 73.5 110.3
116 4.8 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.333 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

Tgt Ion:164 Resp: 217282
Ion Ratio Lower Upper
164 100
162 105.8 84.4 126.6
160 45.9 36.6 54.8

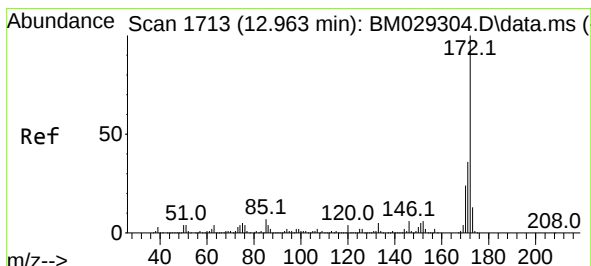
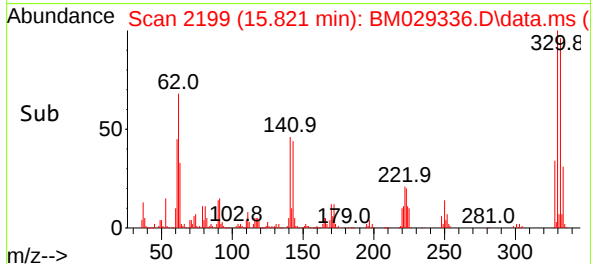
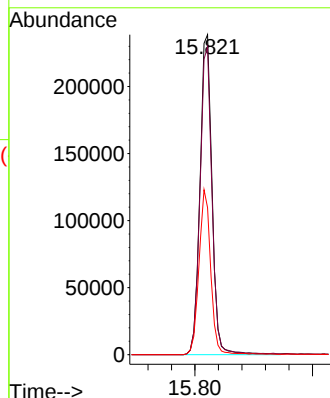
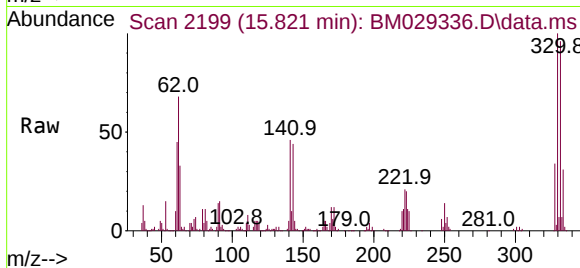




#42
2,4,6-Tribromophenol
Concen: 155.91 ng
RT: 15.821 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

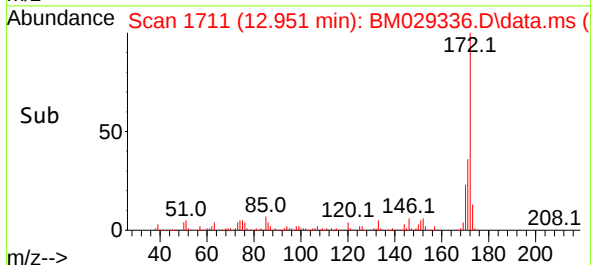
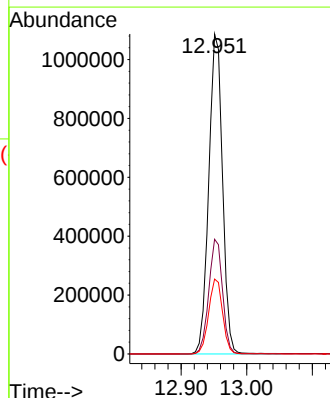
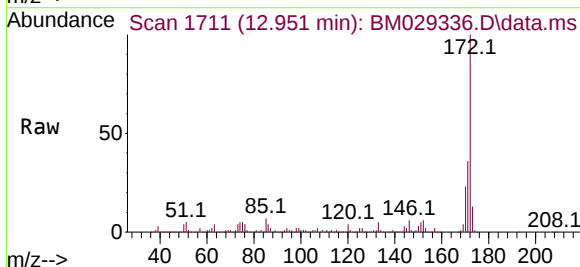
Instrument :
BNA_M
ClientSampled :
V-211

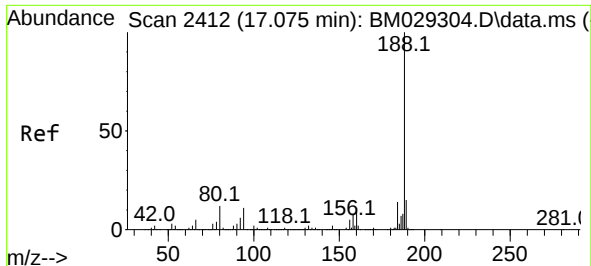
Tgt Ion:330 Resp: 338595
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 50.7 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 101.75 ng
RT: 12.951 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

Tgt Ion:172 Resp: 1586862
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.4 18.8 28.2

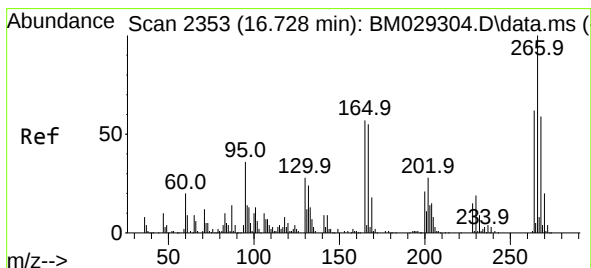
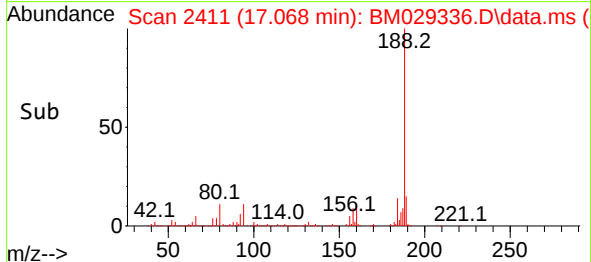
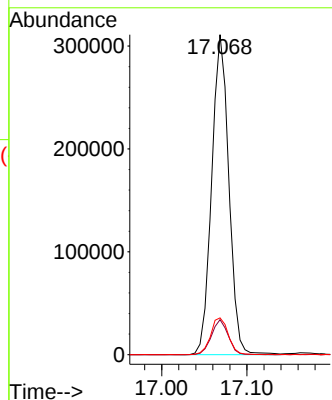
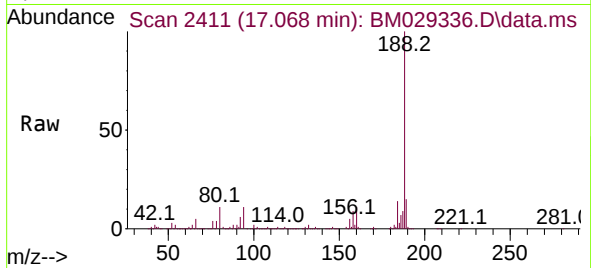




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.068 min Scan# 2411
Delta R.T. -0.007 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

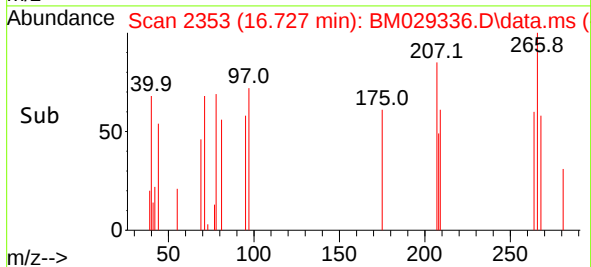
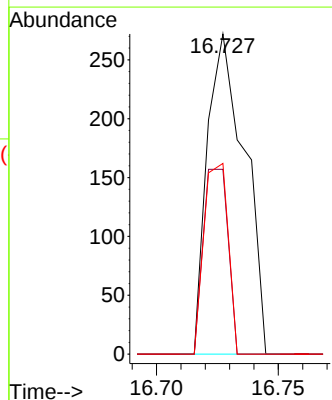
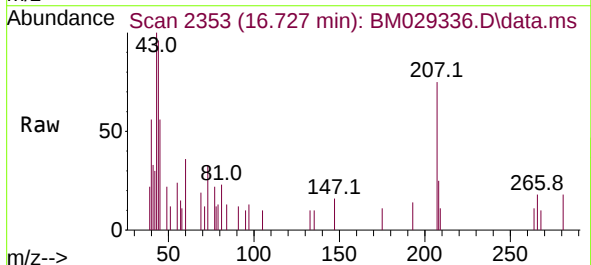
Instrument :
BNA_M
ClientSampleId :
V-211

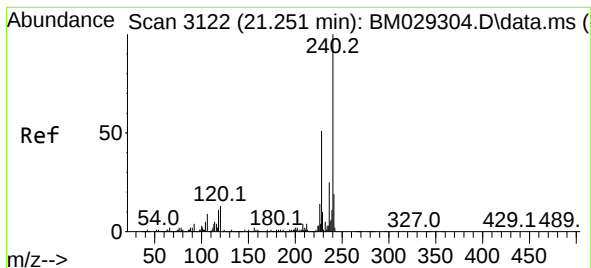
Tgt Ion:188 Resp: 436154
Ion Ratio Lower Upper
188 100
94 11.0 8.1 12.1
80 11.5 9.2 13.8



#70
Pentachlorophenol
Concen: 5.77 ng
RT: 16.727 min Scan# 2353
Delta R.T. -0.001 min
Lab File: BM029336.D
Acq: 03 Apr 2021 02:16

Tgt Ion:266 Resp: 289
Ion Ratio Lower Upper
266 100
268 57.7 52.2 78.2
264 59.6 50.9 76.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.245 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BM029336.D

Acq: 03 Apr 2021 02:16

Instrument :

BNA_M

ClientSampled :

V-211

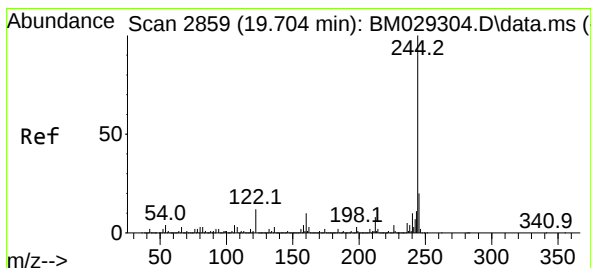
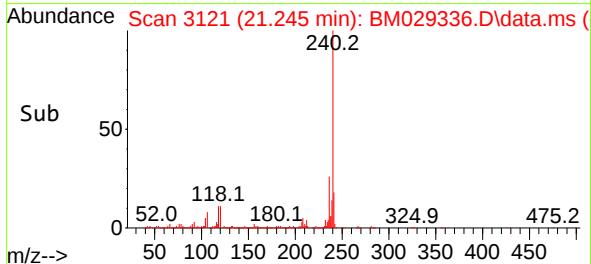
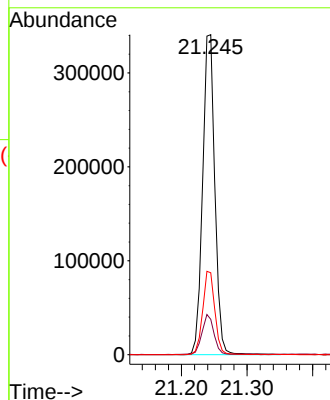
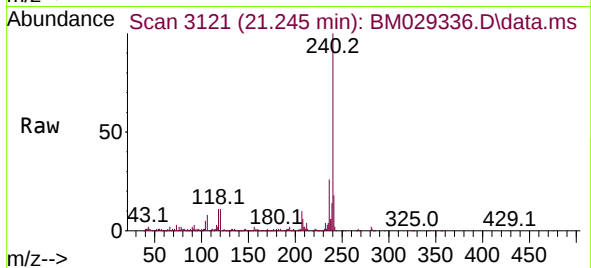
Tgt Ion:240 Resp: 443188

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.6

236 25.6 20.3 30.5



#79

Terphenyl-d14

Concen: 95.05 ng

RT: 19.698 min Scan# 2858

Delta R.T. -0.006 min

Lab File: BM029336.D

Acq: 03 Apr 2021 02:16

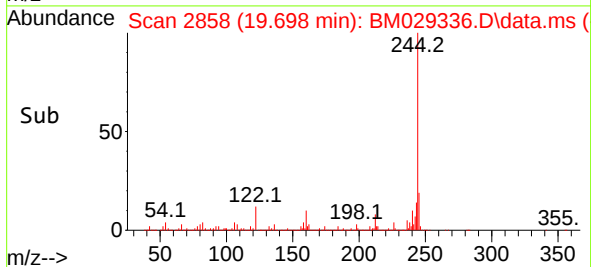
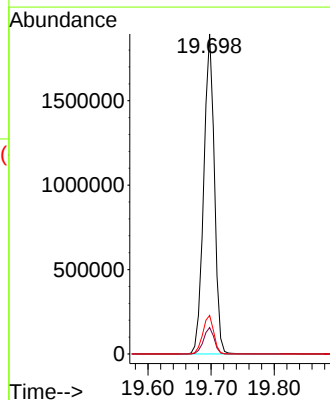
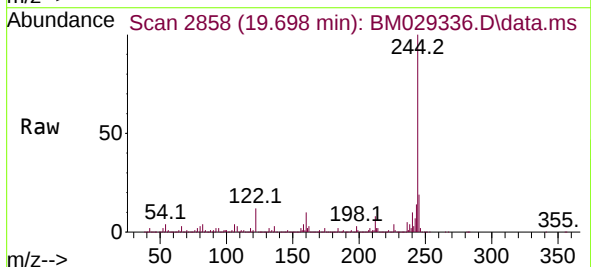
Tgt Ion:244 Resp: 2217837

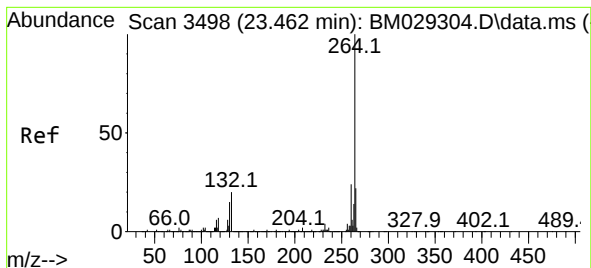
Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 12.1 9.2 13.8





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.450 min Scan# 3496

Delta R.T. -0.012 min

Lab File: BM029336.D

Acq: 03 Apr 2021 02:16

Instrument :

BNA_M

ClientSampleId :

V-211

Tgt Ion:264 Resp: 470747

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 22.4 17.8 26.8

