

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081821\
 Data File : BM031816.D
 Acq On : 18 Aug 2021 21:31
 Operator : CG/JU
 Sample : M3438-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-2520561

Quant Time: Aug 19 03:05:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 14:13:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	25861	20.000	ng	0.00
21) Naphthalene-d8	10.298	136	109845	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	89174	20.000	ng	0.00
64) Phenanthrene-d10	16.933	188	290640	20.000	ng	# 0.00
76) Chrysene-d12	21.133	240	253027	20.000	ng	0.00
86) Perylene-d12	23.274	264	220815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	195492	121.327	ng	0.00
7) Phenol-d6	6.734	99	248806	106.565	ng	0.00
23) Nitrobenzene-d5	8.687	82	182513	69.571	ng	0.00
42) 2,4,6-Tribromophenol	15.680	330	144404	131.480	ng	0.00
45) 2-Fluorobiphenyl	12.792	172	409458	61.116	ng	0.00
79) Terphenyl-d14	19.586	244	1265623	84.276	ng	0.00

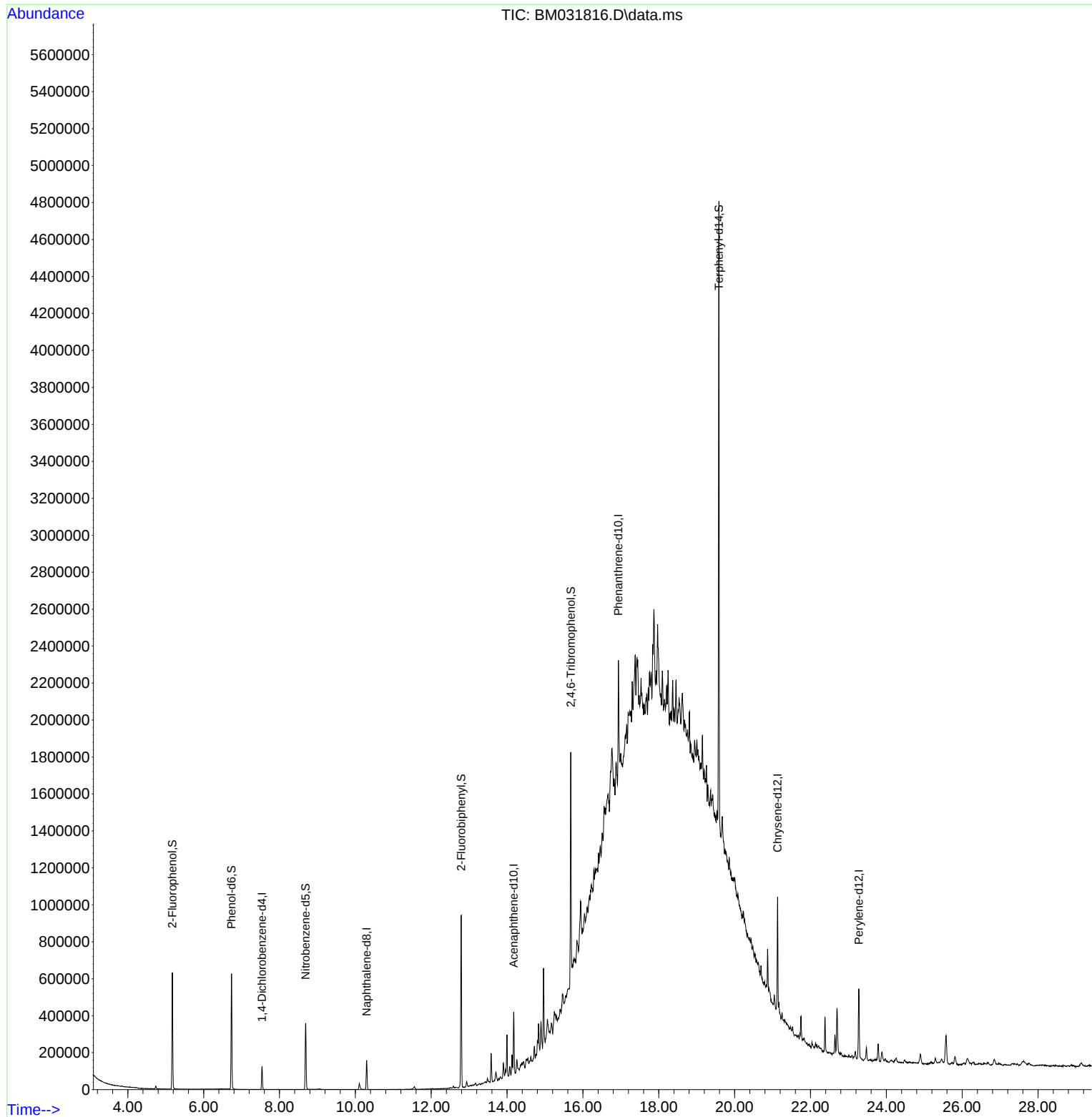
Target Compounds	Qvalue

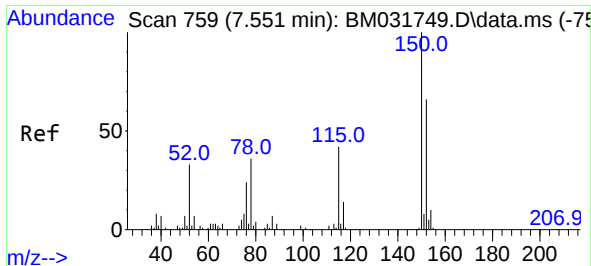
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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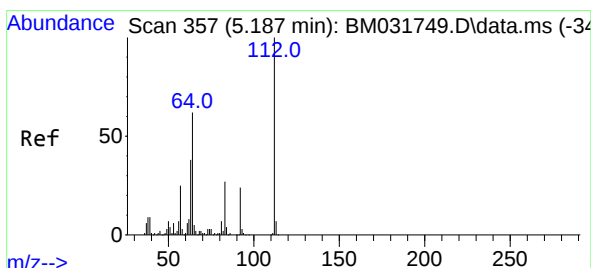
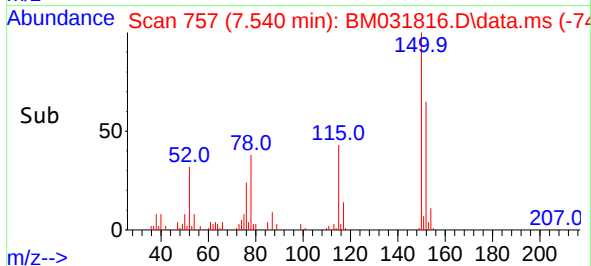
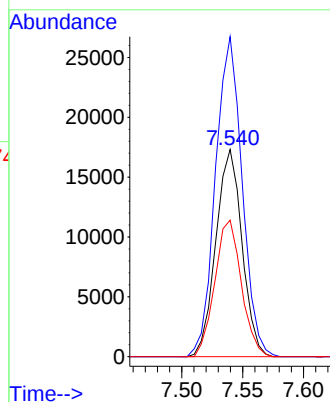
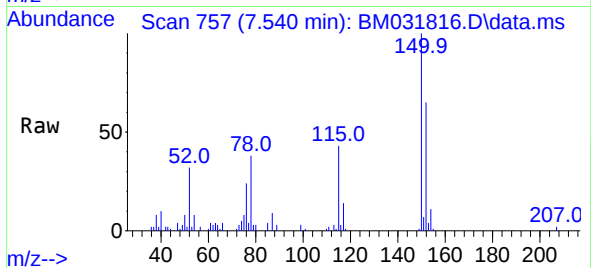




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.000 min
Lab File: BM031816.D
Acq: 18 Aug 2021 21:31

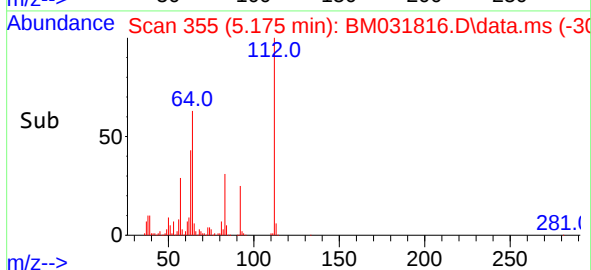
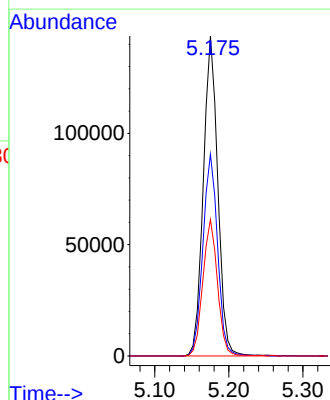
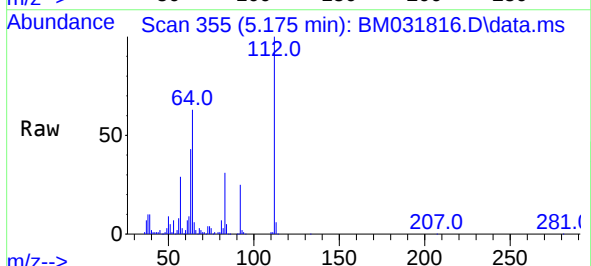
Instrument :
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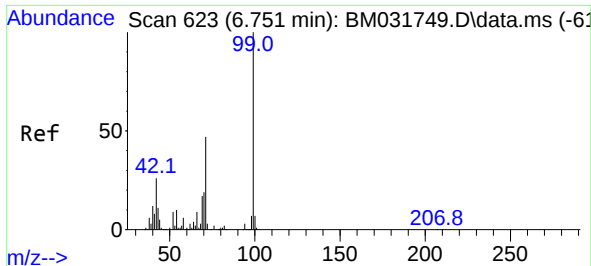
Tgt Ion:	152	Resp:	25861
Ion Ratio	Lower	Upper	
152	100		
150	154.4	125.9	188.9
115	65.9	44.6	67.0



#5
2-Fluorophenol
Concen: 121.327 ng
RT: 5.175 min Scan# 355
Delta R.T. 0.000 min
Lab File: BM031816.D
Acq: 18 Aug 2021 21:31

Tgt Ion:	112	Resp:	195492
Ion Ratio	Lower	Upper	
112	100		
64	63.1	47.1	70.7
63	42.7	27.3	40.9

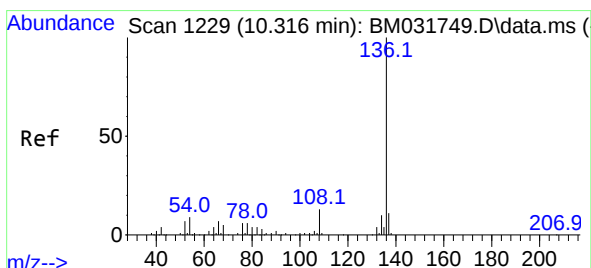
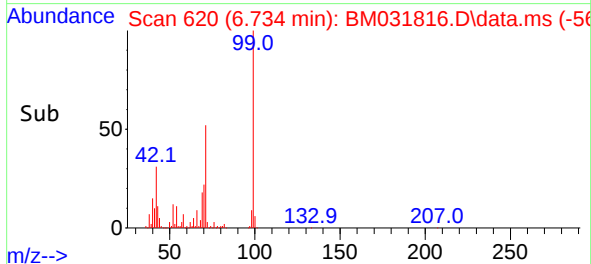
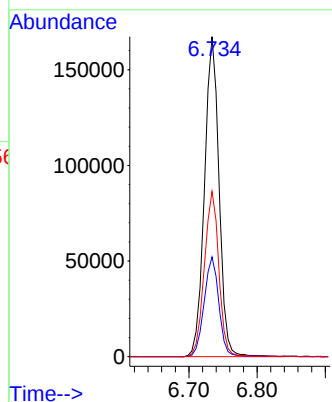
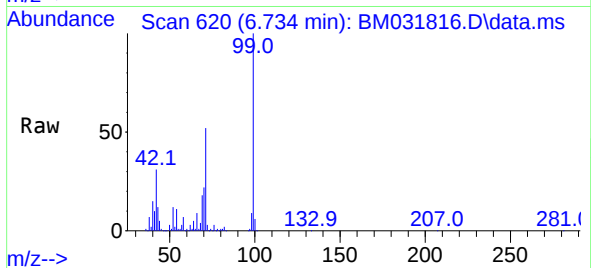




#7
Phenol-d6
Concen: 106.565 ng
RT: 6.734 min Scan# 620
Delta R.T. 0.000 min
Lab File: BM031816.D
Acq: 18 Aug 2021 21:31

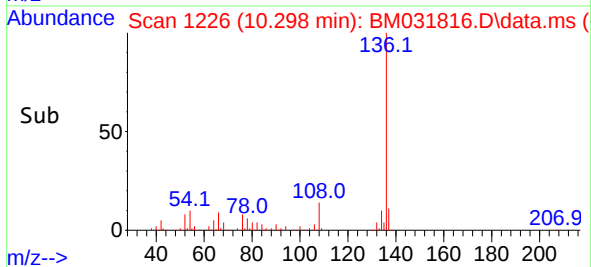
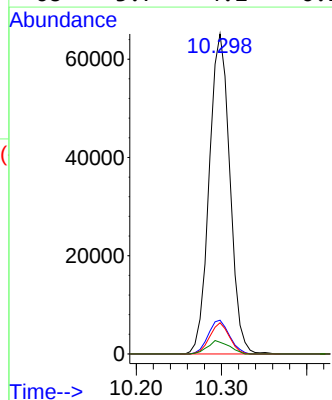
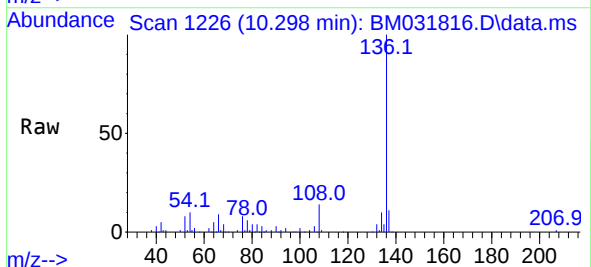
Instrument :
BNA_M
ClientSampleId :
RBR-2520561

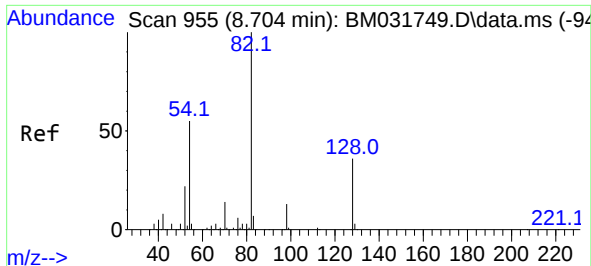
Tgt Ion: 99 Resp: 248806
Ion Ratio Lower Upper
99 100
42 31.1 18.0 27.0#
71 51.6 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.298 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BM031816.D
Acq: 18 Aug 2021 21:31

Tgt Ion: 136 Resp: 109845
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 9.8 5.5 8.3#
68 3.7 4.2 6.2#

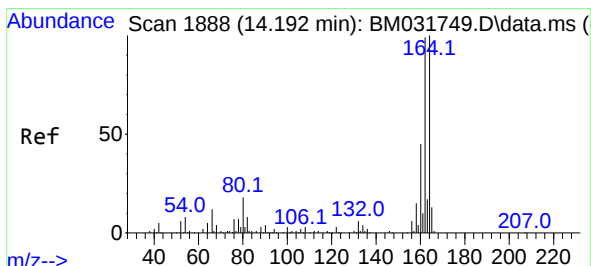
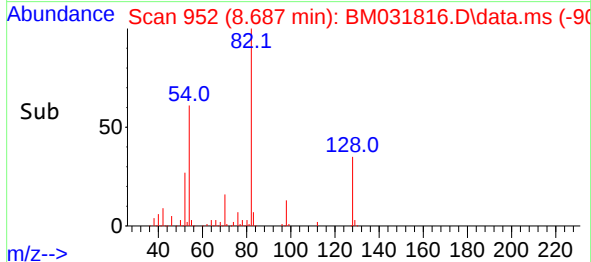
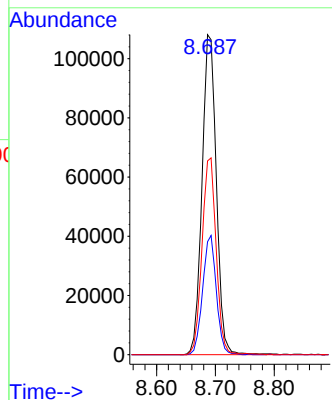
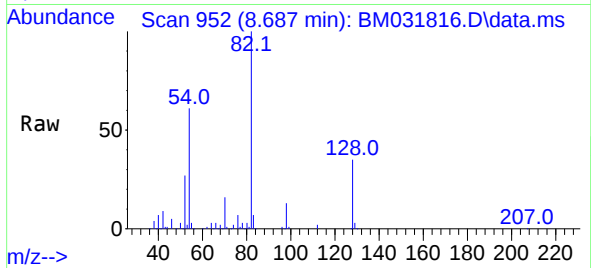




#23
Nitrobenzene-d5
Concen: 69.571 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031816.D
Acq: 18 Aug 2021 21:31

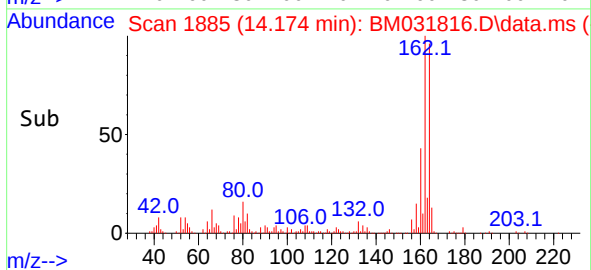
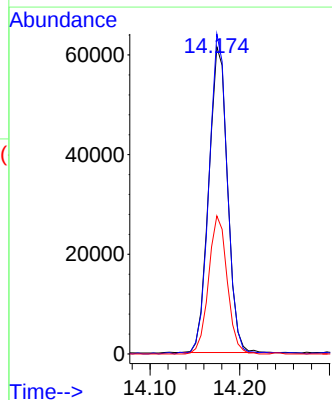
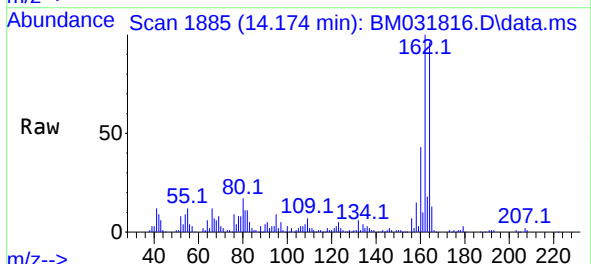
Instrument :
BNA_M
ClientSampleId :
RBR-2520561

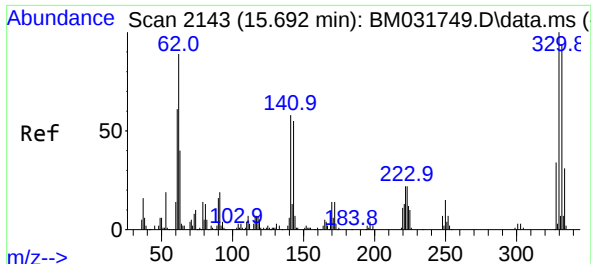
Tgt Ion: 82 Resp: 182513
Ion Ratio Lower Upper
82 100
128 35.3 31.1 46.7
54 60.6 37.3 55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031816.D
Acq: 18 Aug 2021 21:31

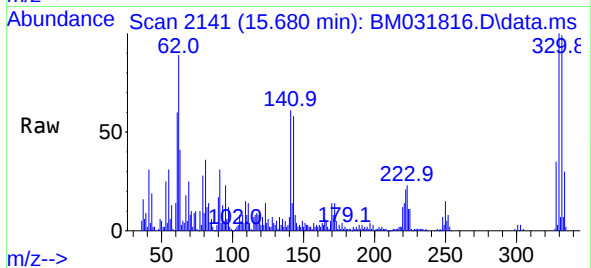
Tgt Ion:164 Resp: 89174
Ion Ratio Lower Upper
164 100
162 104.2 83.4 125.0
160 44.9 37.2 55.8



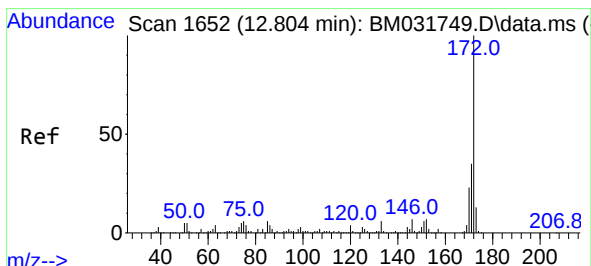
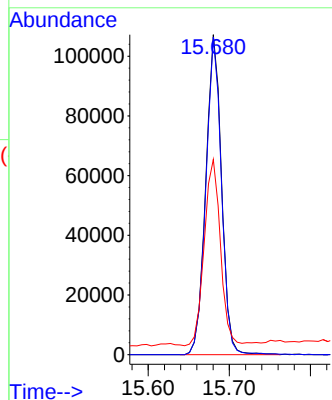
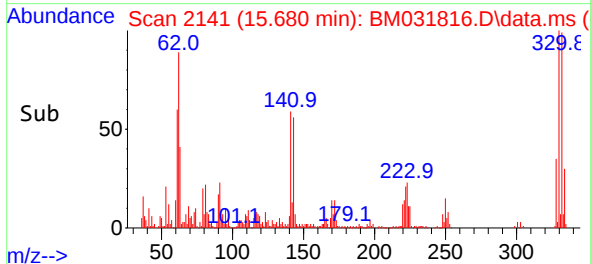


#42
2,4,6-Tribromophenol
Concen: 131.480 ng
RT: 15.680 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM031816.D
Acq: 18 Aug 2021 21:31

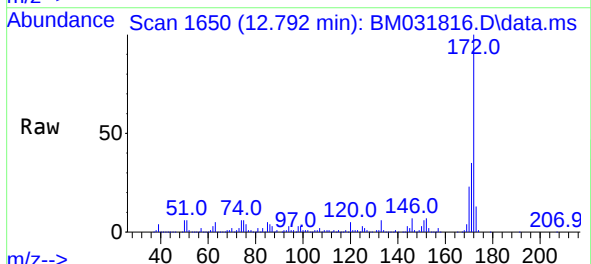
Instrument :
BNA_M
ClientSampleId :
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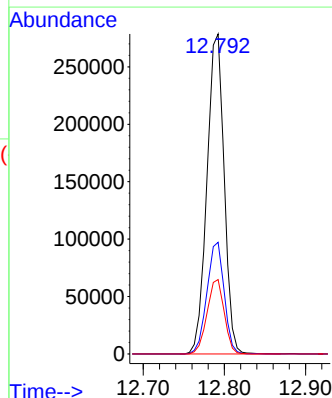
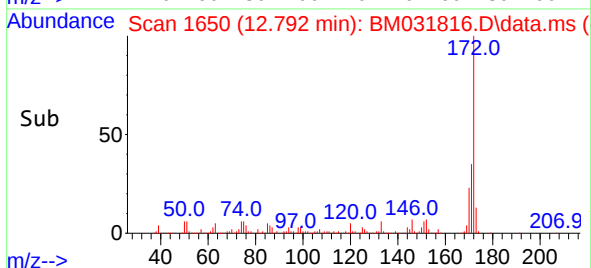
Tgt Ion:330 Resp: 144404
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.4
141 59.7 30.2 45.2#

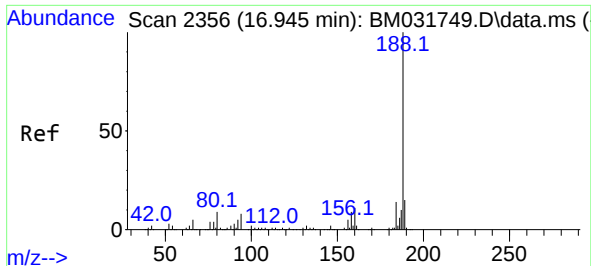


#45
2-Fluorobiphenyl
Concen: 61.116 ng
RT: 12.792 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM031816.D
Acq: 18 Aug 2021 21:31



Tgt Ion:172 Resp: 409458
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.2 18.4 27.6

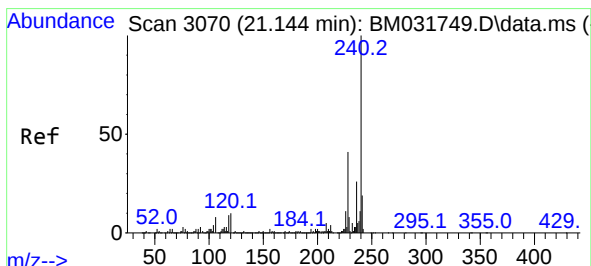
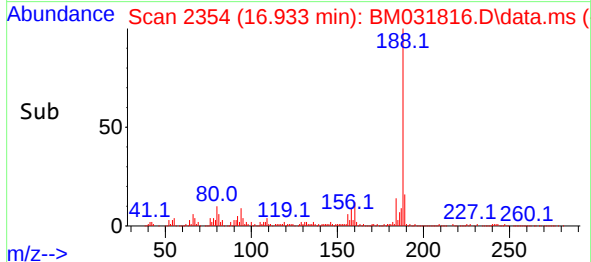
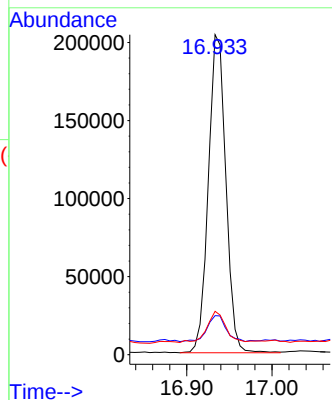
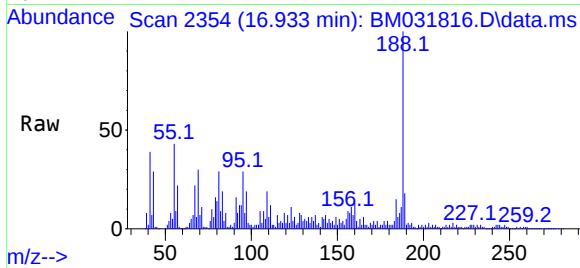




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.933 min Scan# 2354
Delta R.T. 0.000 min
Lab File: BM031816.D
Acq: 18 Aug 2021 21:31

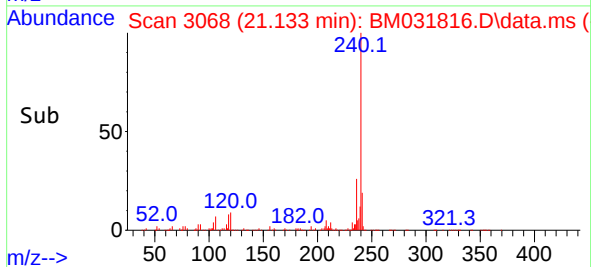
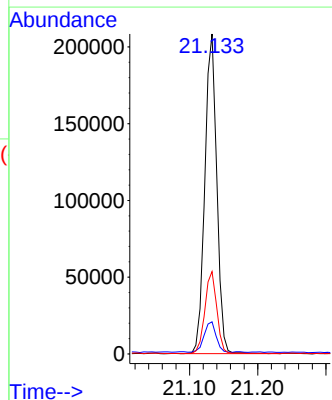
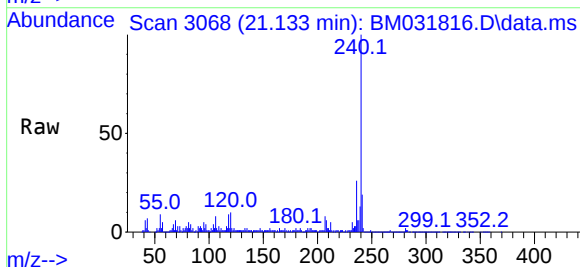
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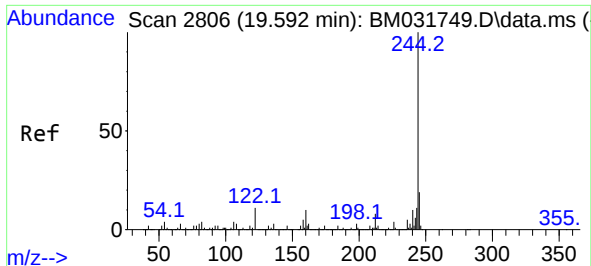
Tgt Ion:188 Resp: 290640
Ion Ratio Lower Upper
188 100
94 12.2 6.0 9.0#
80 13.5 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.133 min Scan# 3068
Delta R.T. 0.000 min
Lab File: BM031816.D
Acq: 18 Aug 2021 21:31

Tgt Ion:240 Resp: 253027
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 25.8 21.0 31.4

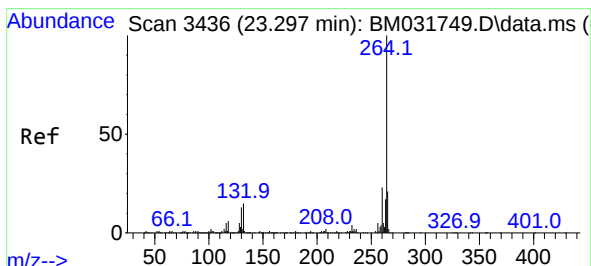
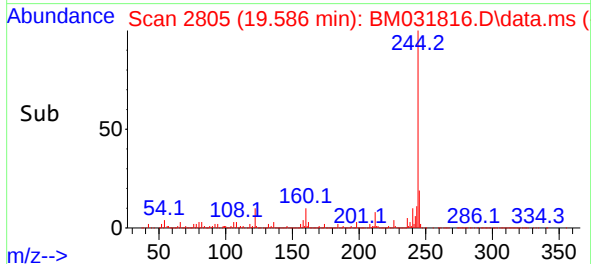
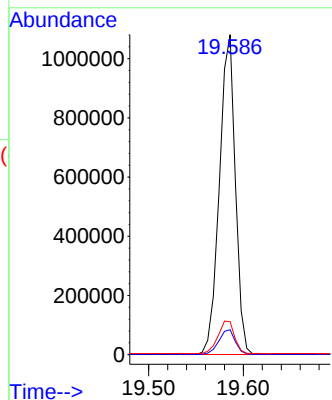
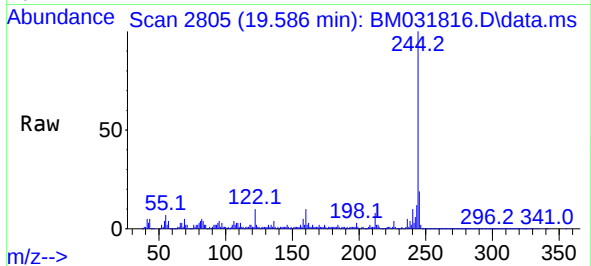




#79
Terphenyl-d14
Concen: 84.276 ng
RT: 19.586 min Scan# 2805
Delta R.T. 0.006 min
Lab File: BM031816.D
Acq: 18 Aug 2021 21:31

Instrument :
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Tgt Ion:244 Resp: 1265623
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 10.3 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.274 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BM031816.D
Acq: 18 Aug 2021 21:31

Tgt Ion:264 Resp: 220815
Ion Ratio Lower Upper
264 100
260 23.9 19.8 29.8
265 21.7 17.7 26.5

