

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
 Data File : BM035415.D
 Acq On : 07 Jun 2022 17:15
 Operator : CG/JU
 Sample : N3194-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Quant Time: Jun 08 04:08:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	200890	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	704929	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	434445	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	889759	20.000	ng	0.00
76) Chrysene-d12	21.415	240	918609	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	1064930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1528960	159.930	ng	0.00
7) Phenol-d6	7.028	99	1753102	134.246	ng	0.00
23) Nitrobenzene-d5	9.004	82	1181226	106.399	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1019413	146.246	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	3303460	109.212	ng	0.00
79) Terphenyl-d14	19.857	244	4845940	105.098	ng	0.00

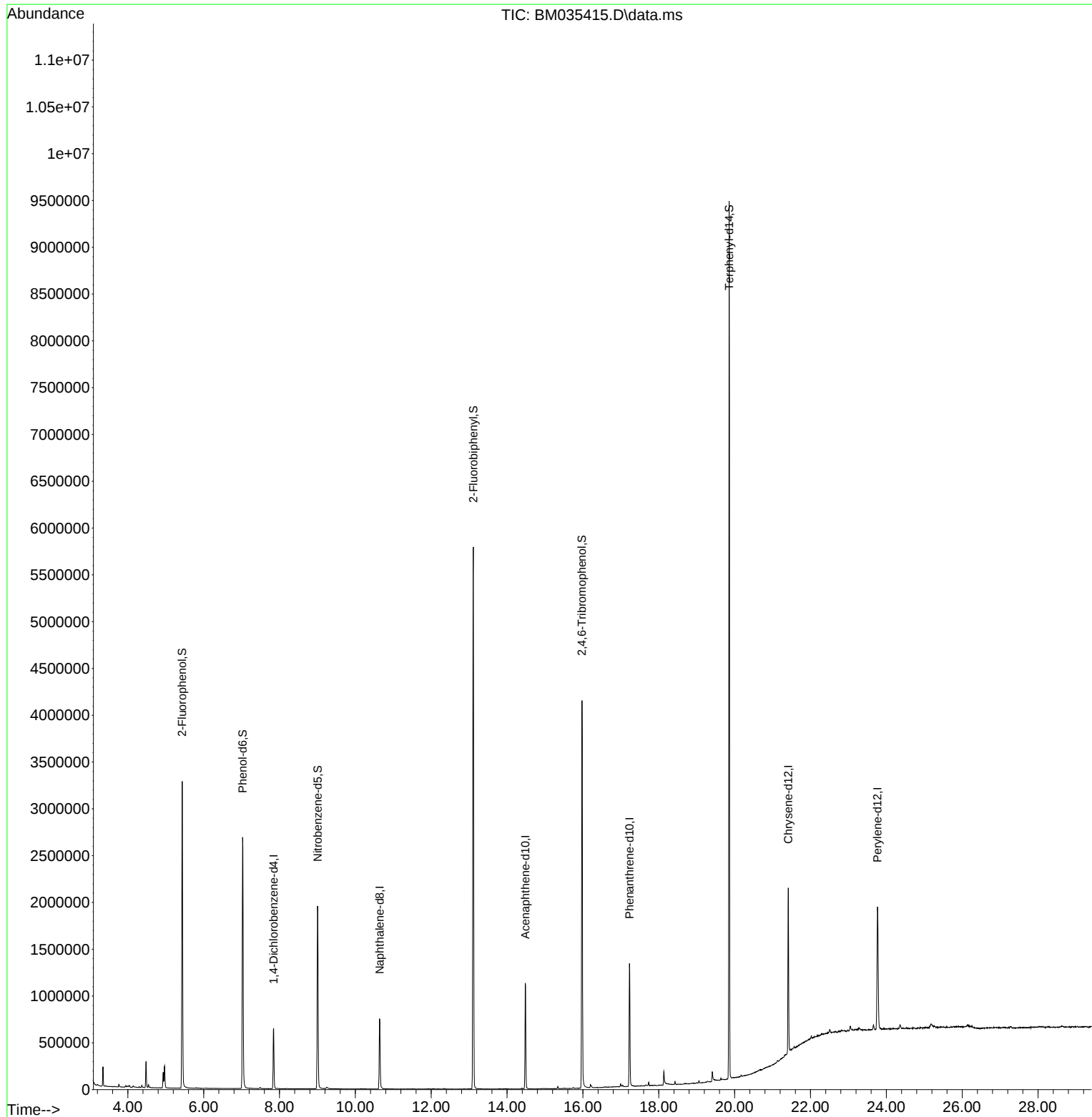
Target Compounds	Qvalue

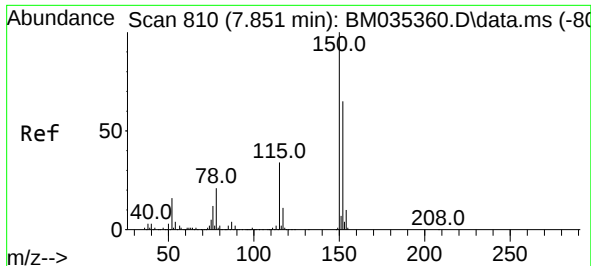
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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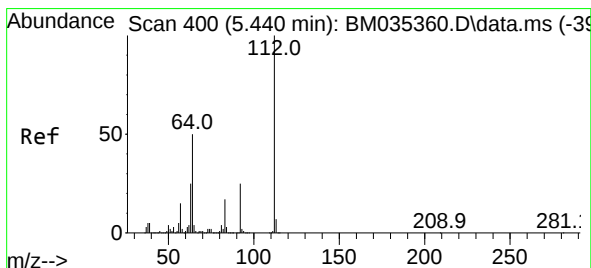
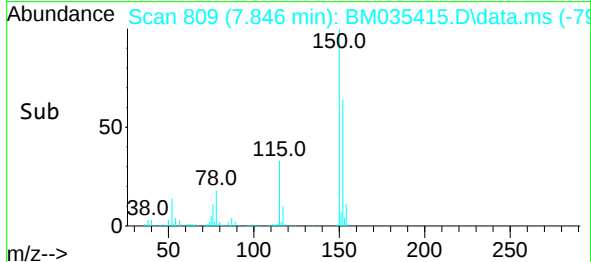
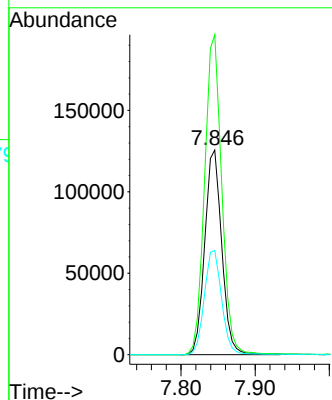
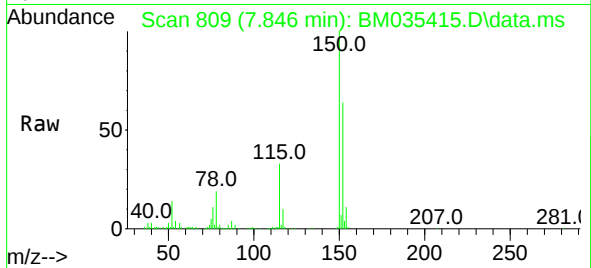




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM035415.D
Acq: 07 Jun 2022 17:15

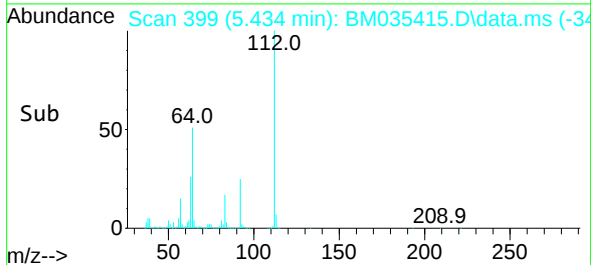
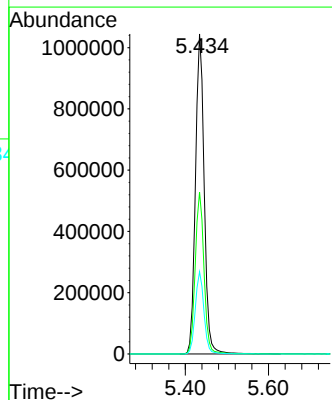
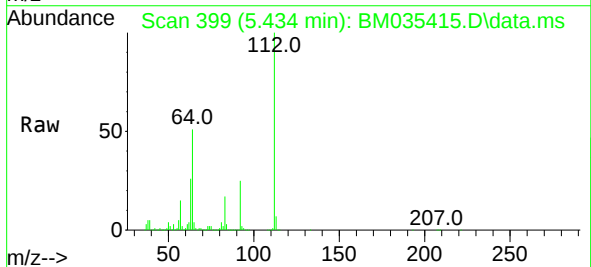
Instrument :
BNA_M
ClientSampleId :
TP-1

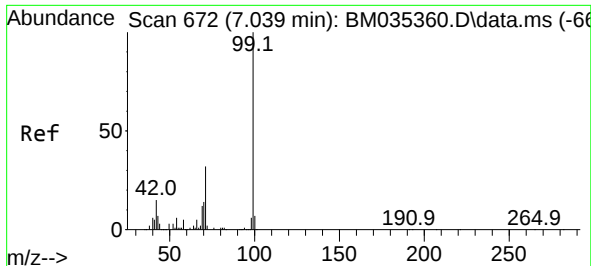
Tgt Ion:152 Resp: 200890
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 50.9 47.9 71.9



#5
2-Fluorophenol
Concen: 159.930 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM035415.D
Acq: 07 Jun 2022 17:15

Tgt Ion:112 Resp: 1528960
Ion Ratio Lower Upper
112 100
64 50.6 47.8 71.6
63 25.7 26.6 40.0#

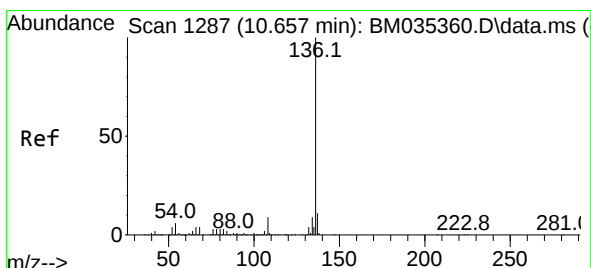
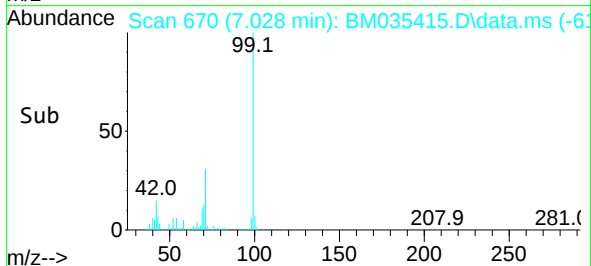
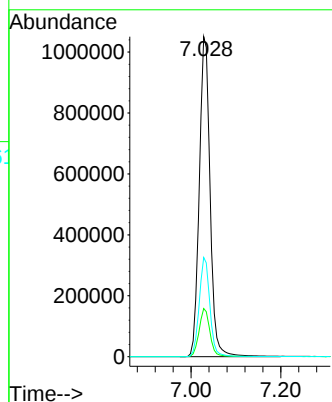
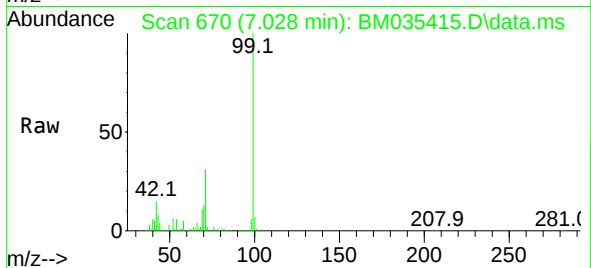




#7
Phenol-d6
Concen: 134.246 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035415.D
Acq: 07 Jun 2022 17:15

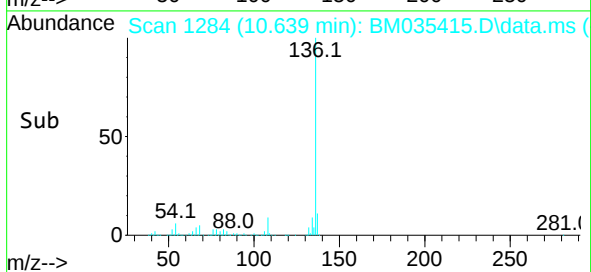
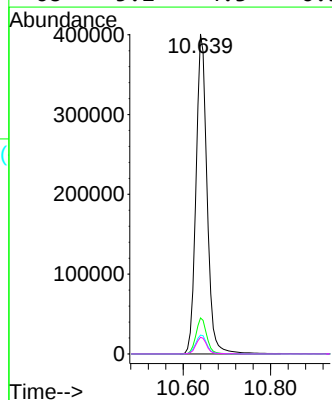
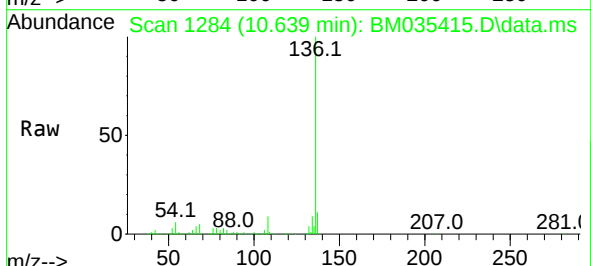
Instrument :
BNA_M
ClientSampleId :
TP-1

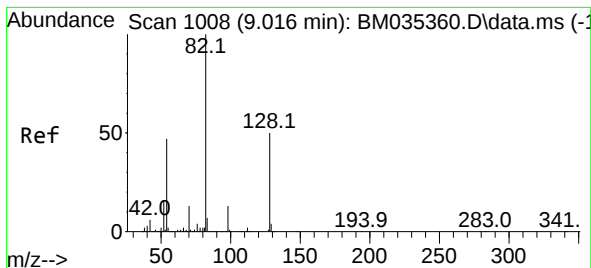
Tgt Ion: 99 Resp: 1753102
Ion Ratio Lower Upper
99 100
42 15.1 18.8 28.2#
71 31.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BM035415.D
Acq: 07 Jun 2022 17:15

Tgt Ion: 136 Resp: 704929
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 5.9 7.0 10.4#
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 106.399 ng

RT: 9.004 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035415.D

Acq: 07 Jun 2022 17:15

Instrument :

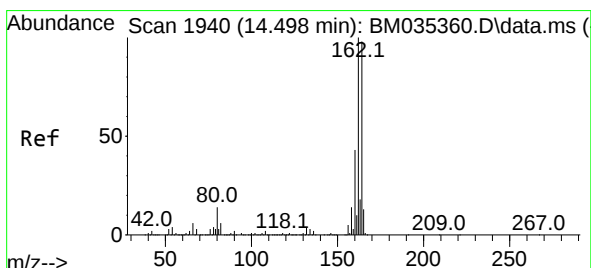
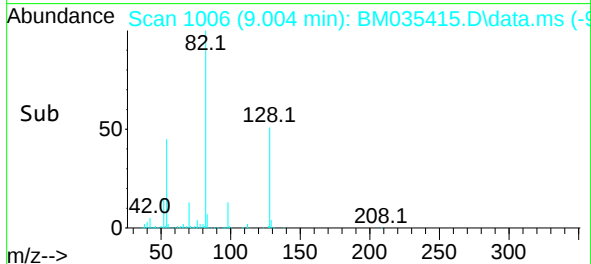
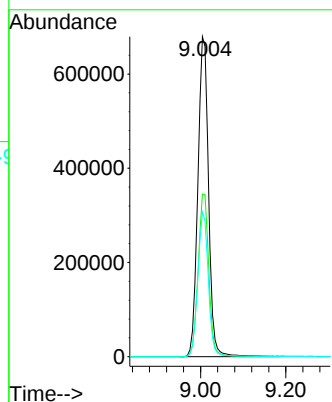
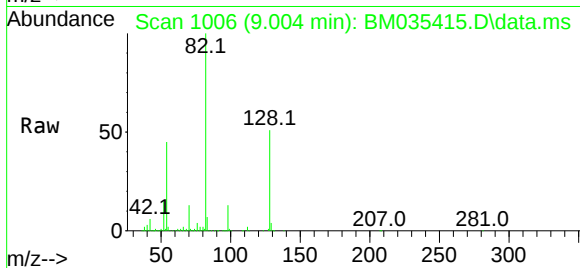
BNA_M

ClientSampleId :

TP-1

Tgt Ion: 82 Resp: 1181226

Ion	Ratio	Lower	Upper
82	100		
128	50.8	33.7	50.5#
54	45.2	43.2	64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1937

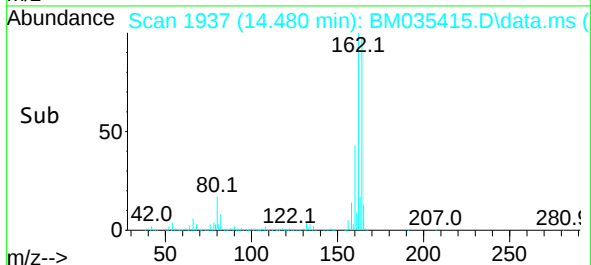
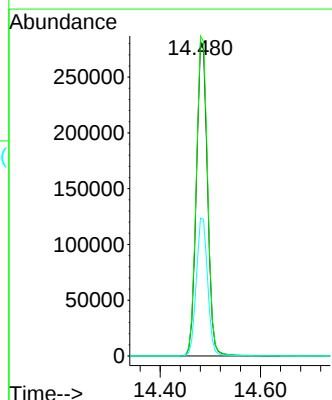
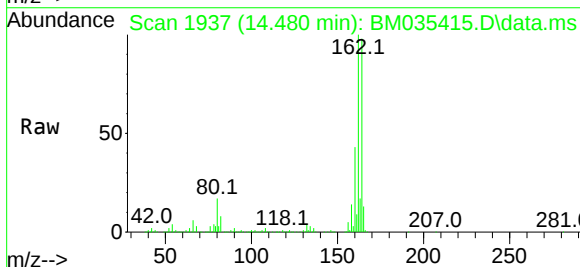
Delta R.T. -0.006 min

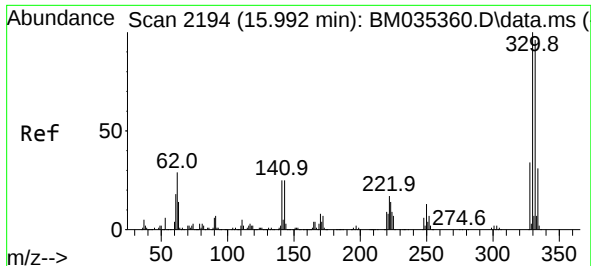
Lab File: BM035415.D

Acq: 07 Jun 2022 17:15

Tgt Ion:164 Resp: 434445

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.0	124.6
160	43.8	37.0	55.4

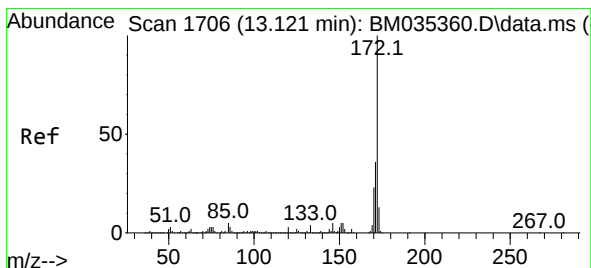
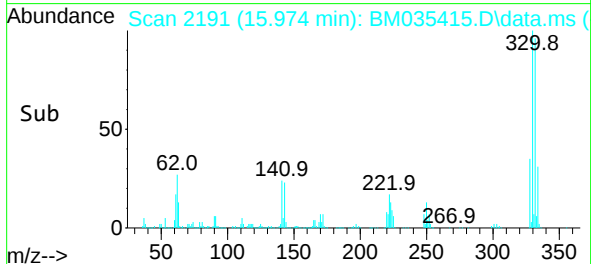
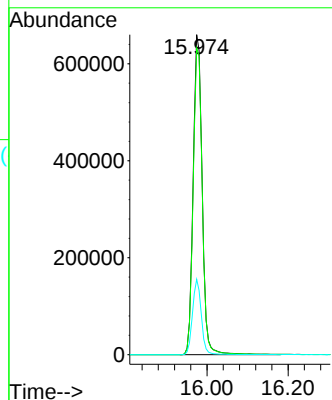
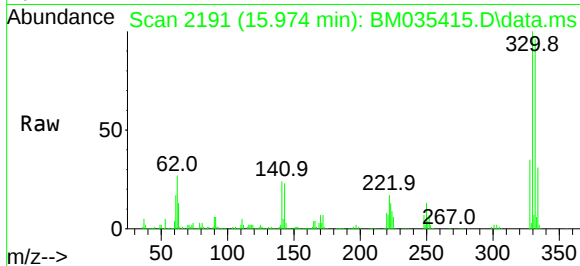




#42
2,4,6-Tribromophenol
Concen: 146.246 ng
RT: 15.974 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM035415.D
Acq: 07 Jun 2022 17:15

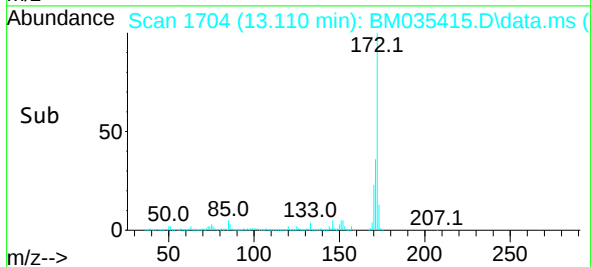
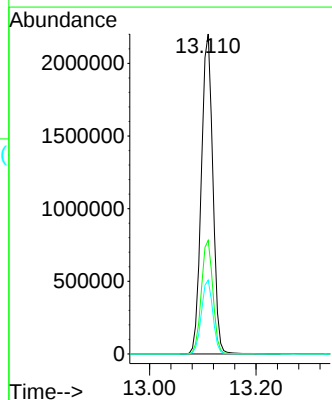
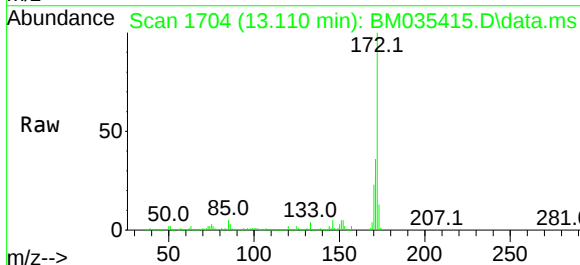
Instrument :
BNA_M
ClientSampleId :
TP-1

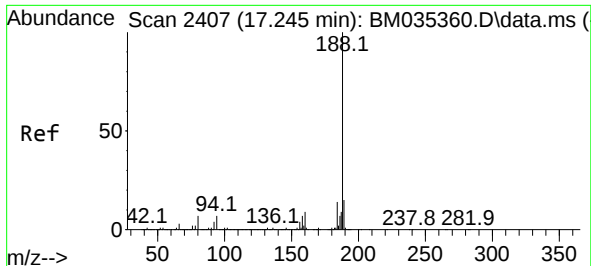
Tgt Ion:330 Resp: 1019413
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 23.0 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 109.212 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BM035415.D
Acq: 07 Jun 2022 17:15

Tgt Ion:172 Resp: 3303460
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.1 18.7 28.1

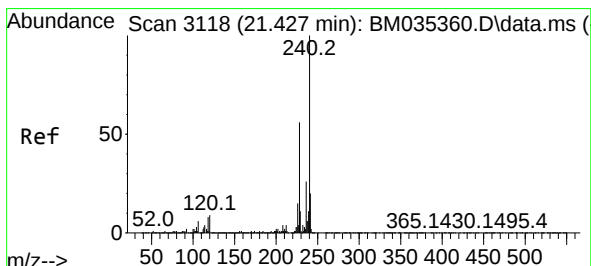
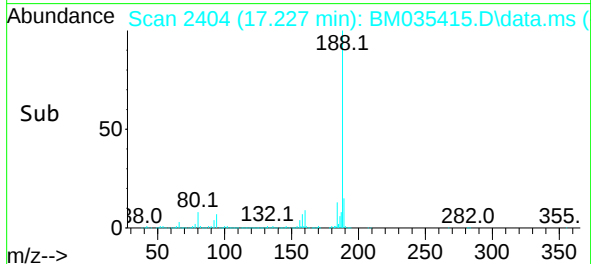
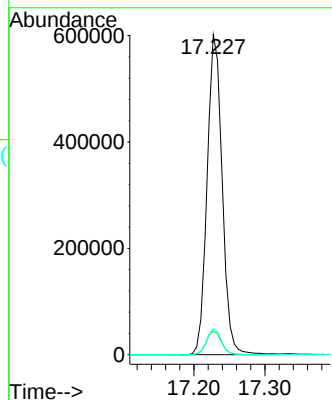
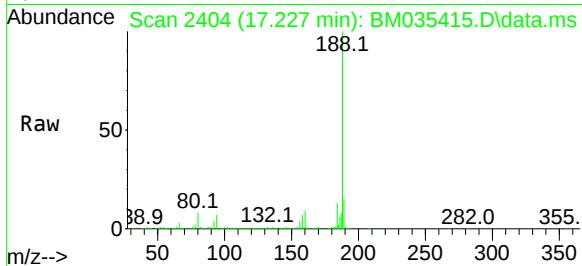




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM035415.D
Acq: 07 Jun 2022 17:15

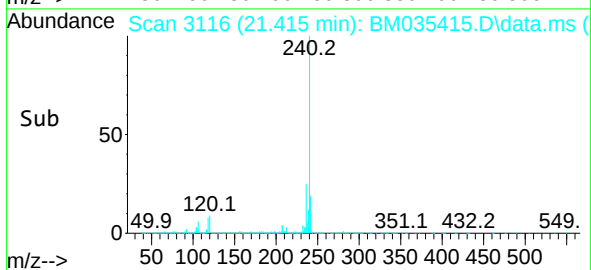
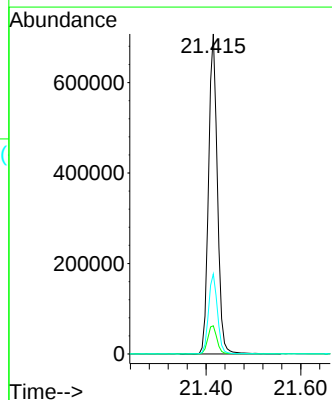
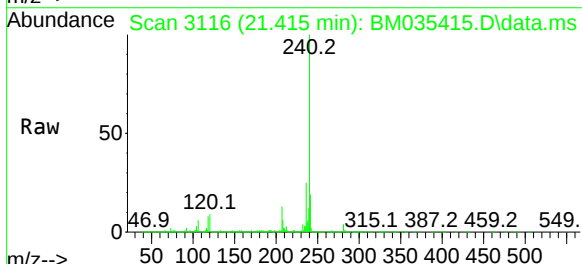
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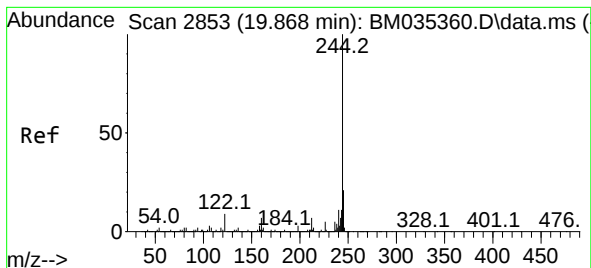
Tgt Ion:188 Resp: 889759
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 8.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM035415.D
Acq: 07 Jun 2022 17:15

Tgt Ion:240 Resp: 918609
Ion Ratio Lower Upper
240 100
120 8.8 9.4 14.0#
236 25.0 20.6 30.8





#79

Terphenyl-d14

Concen: 105.098 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035415.D

Acq: 07 Jun 2022 17:15

Instrument :

BNA_M

ClientSampleId :

TP-1

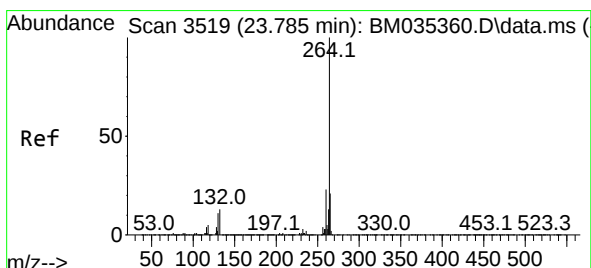
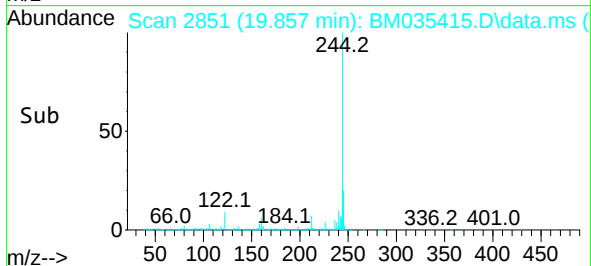
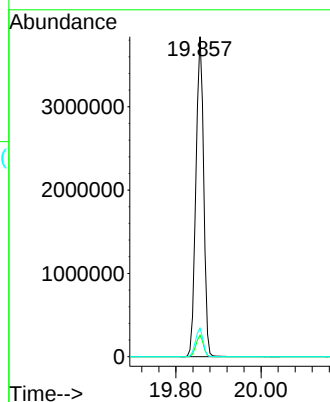
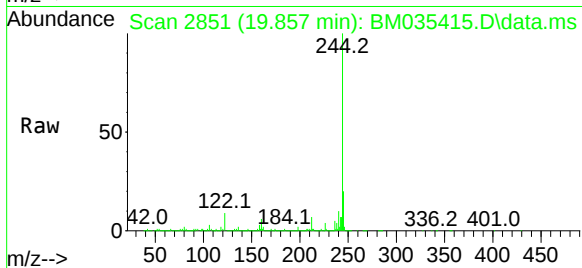
Tgt Ion:244 Resp: 4845940

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.4

122 8.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.768 min Scan# 3516

Delta R.T. -0.006 min

Lab File: BM035415.D

Acq: 07 Jun 2022 17:15

Tgt Ion:264 Resp: 1064930

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.4 17.5 26.3

