

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
 Data File : BM035410.D
 Acq On : 07 Jun 2022 13:07
 Operator : CG/JU
 Sample : N3186-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2513-2514

Quant Time: Jun 07 15:09:06 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)

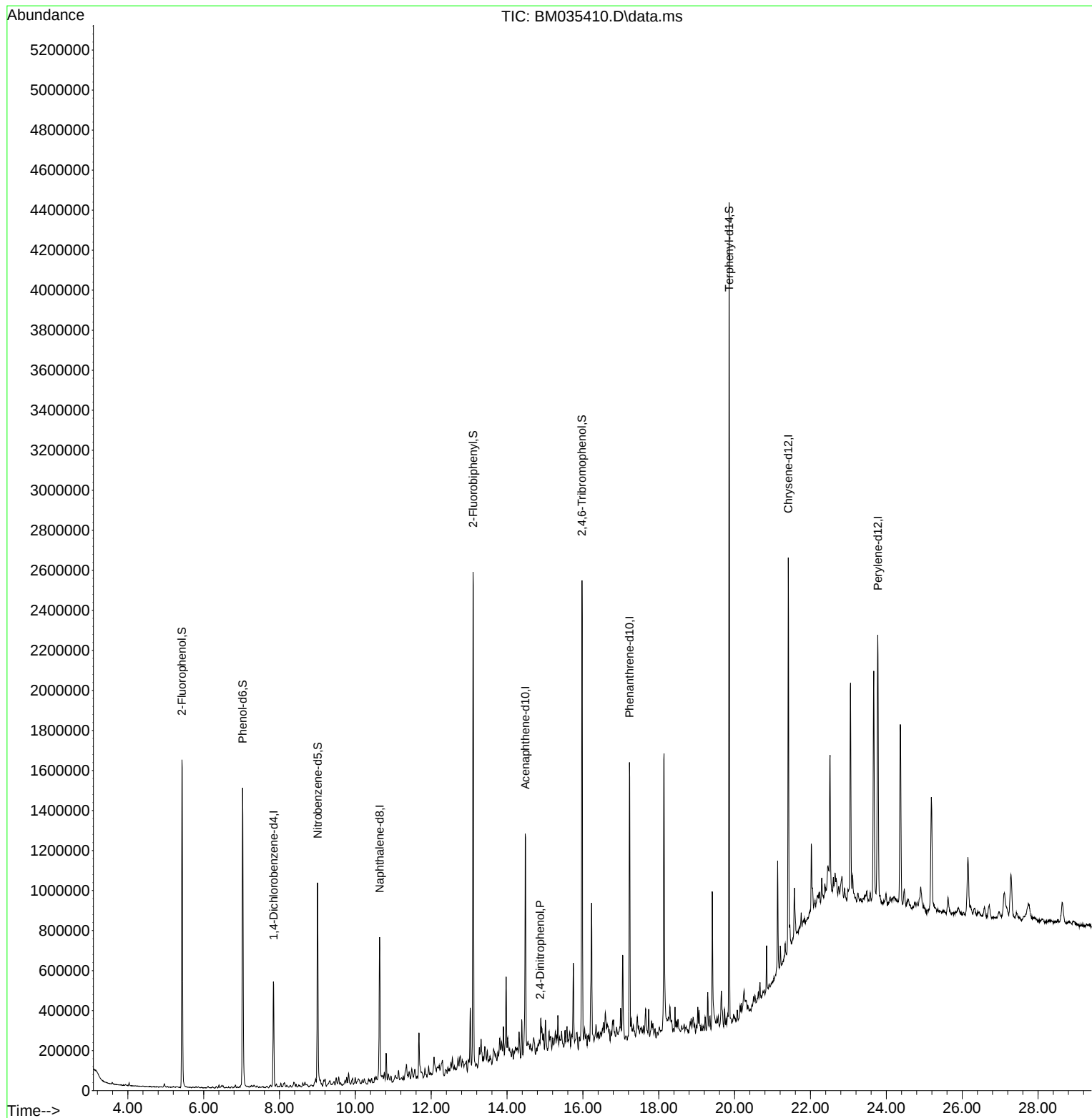
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	168941	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	631789	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	393803	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	869553	20.000	ng	0.00
76) Chrysene-d12	21.415	240	945335	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1055116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	815865	101.479	ng	0.00
7) Phenol-d6	7.028	99	1014280	92.358	ng	0.00
23) Nitrobenzene-d5	9.004	82	600537	60.355	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	548361	86.787	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1406873	51.311	ng	0.00
79) Terphenyl-d14	19.856	244	2050390	43.211	ng	0.00
Target Compounds						
9) Benzaldehyde	7.034	77	2249	Below Cal	#	3
54) 2,4-Dinitrophenol	14.868	184	56	2.654	ng	# 1

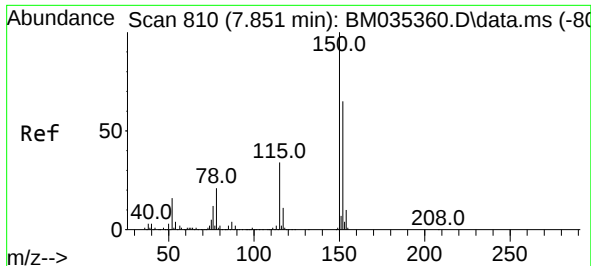
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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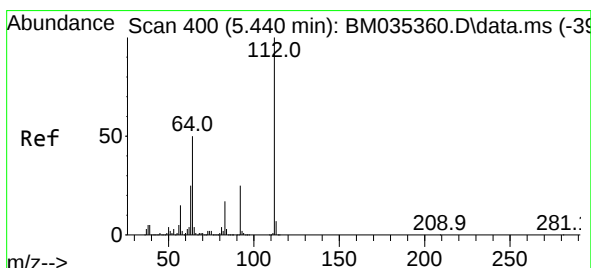
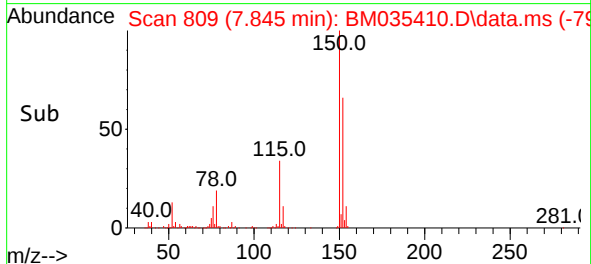
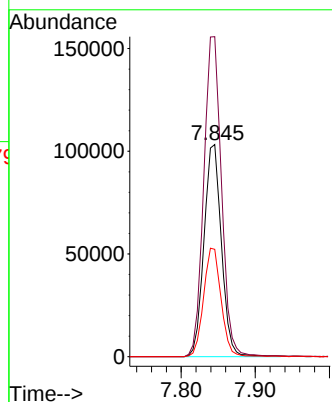
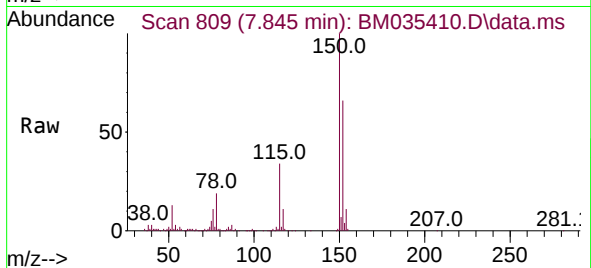




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. 0.005 min
Lab File: BM035410.D
Acq: 07 Jun 2022 13:07

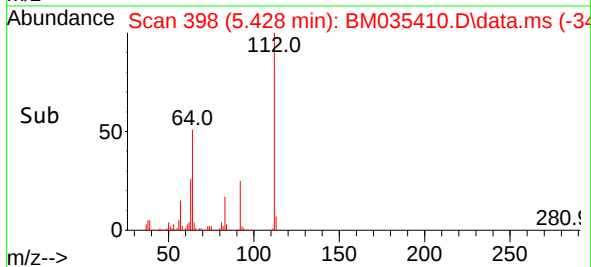
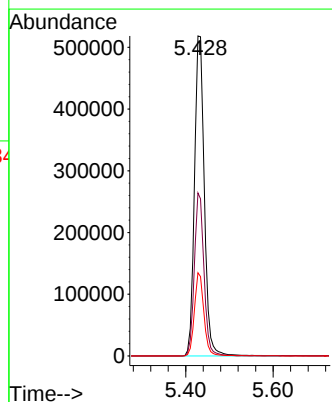
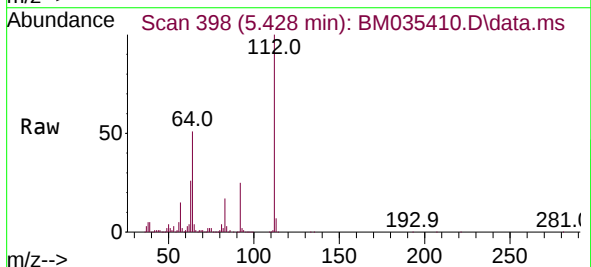
Instrument :
BNA_M
ClientSampleId :
2513-2514

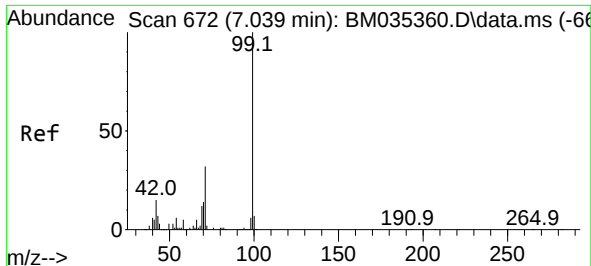
Tgt Ion:152 Resp: 168941
Ion Ratio Lower Upper
152 100
150 150.8 124.9 187.3
115 50.6 47.9 71.9



#5
2-Fluorophenol
Concen: 101.479 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM035410.D
Acq: 07 Jun 2022 13:07

Tgt Ion:112 Resp: 815865
Ion Ratio Lower Upper
112 100
64 51.0 47.8 71.6
63 26.0 26.6 40.0#

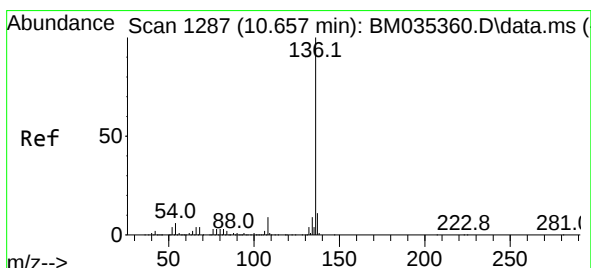
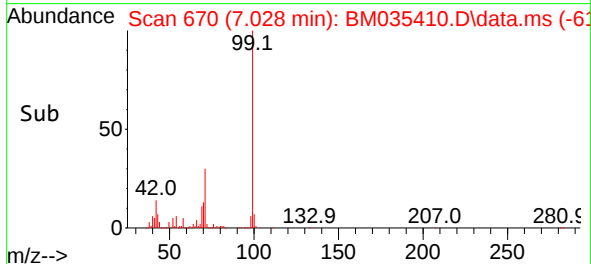
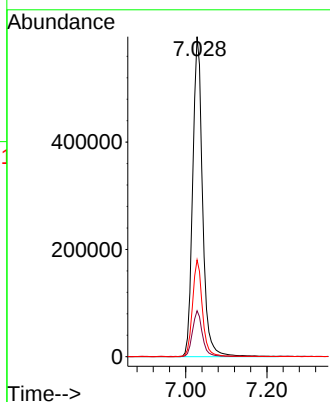
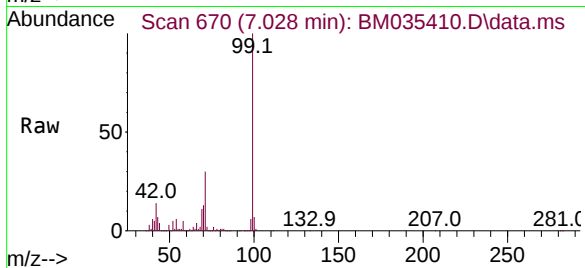




#7
Phenol-d6
Concen: 92.358 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035410.D
Acq: 07 Jun 2022 13:07

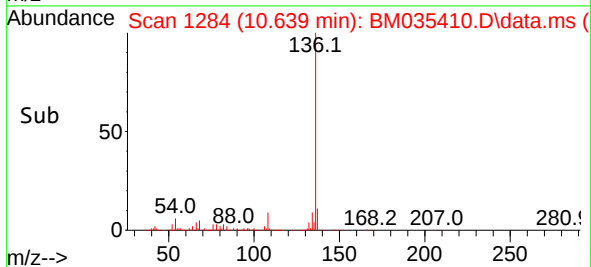
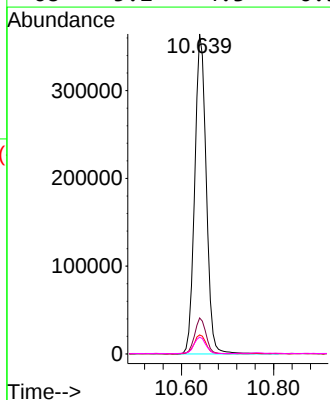
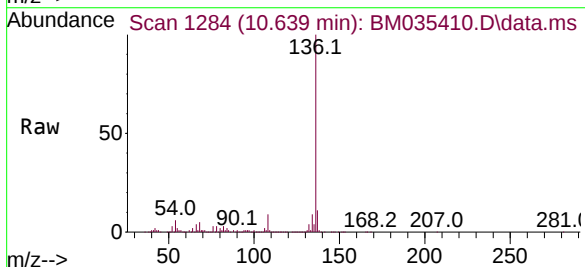
Instrument :
BNA_M
ClientSampleId :
2513-2514

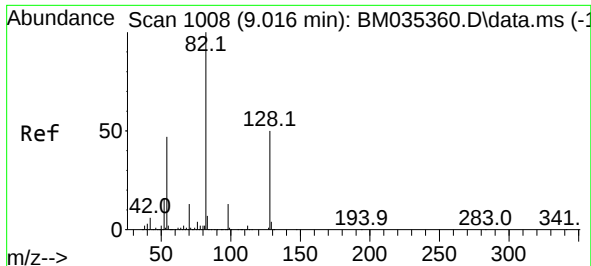
Tgt Ion: 99 Resp: 1014280
Ion Ratio Lower Upper
99 100
42 14.4 18.8 28.2#
71 30.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BM035410.D
Acq: 07 Jun 2022 13:07

Tgt Ion: 136 Resp: 631789
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 5.9 7.0 10.4#
68 5.2 4.3 6.5

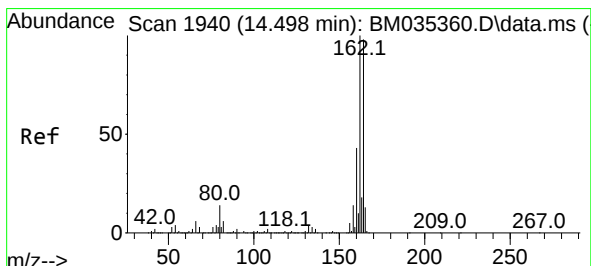
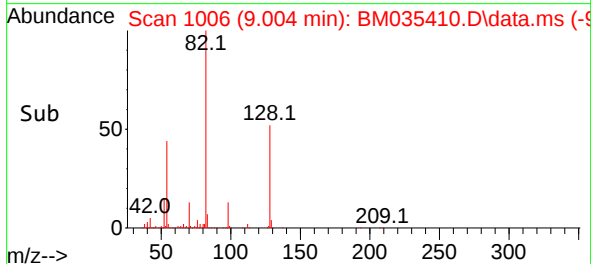
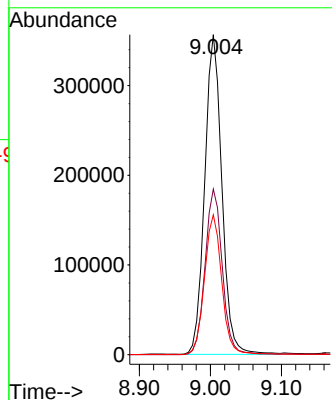
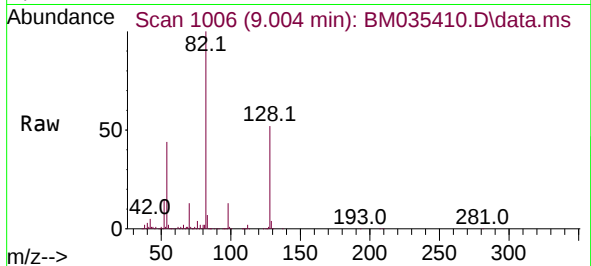




#23
Nitrobenzene-d5
Concen: 60.355 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM035410.D
Acq: 07 Jun 2022 13:07

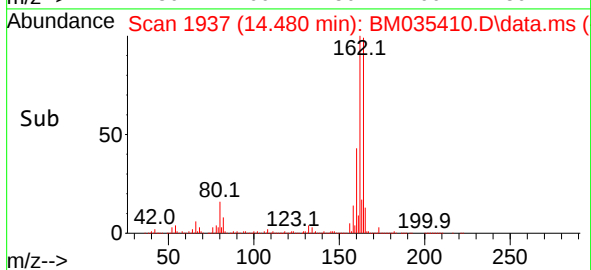
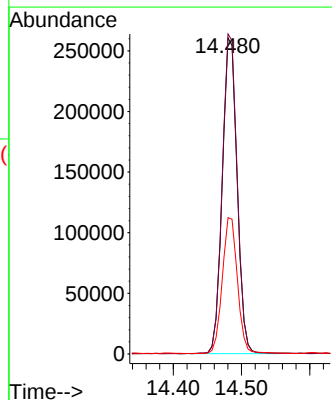
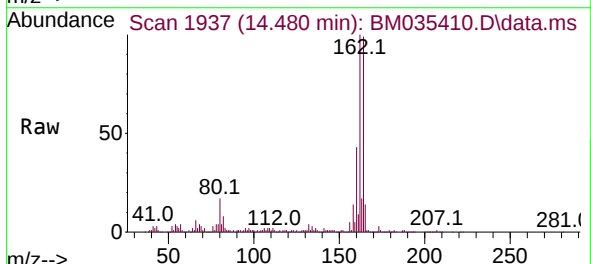
Instrument :
BNA_M
ClientSampleId :
2513-2514

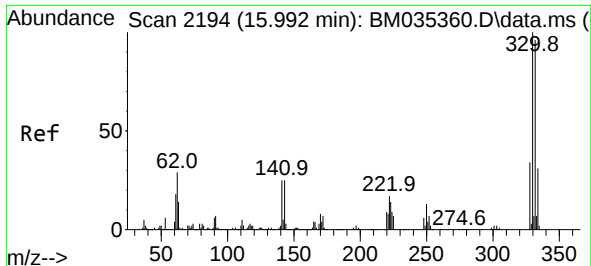
Tgt Ion: 82 Resp: 600537
Ion Ratio Lower Upper
82 100
128 51.7 33.7 50.5#
54 43.7 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM035410.D
Acq: 07 Jun 2022 13:07

Tgt Ion: 164 Resp: 393803
Ion Ratio Lower Upper
164 100
162 101.3 83.0 124.6
160 43.2 37.0 55.4

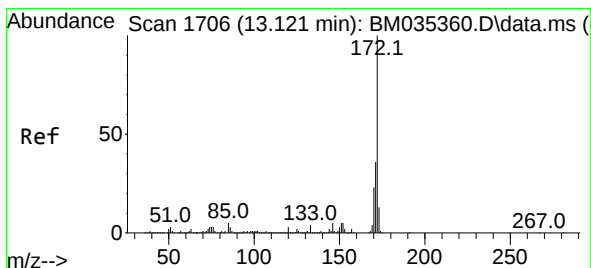
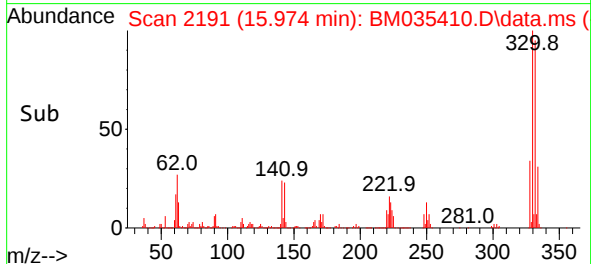
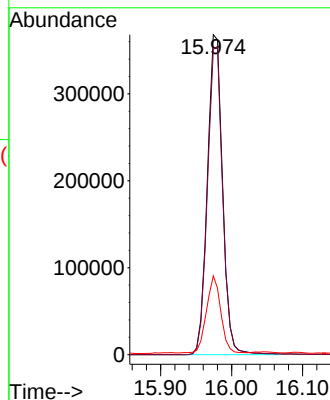
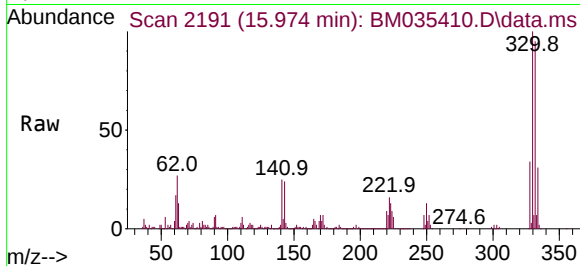




#42
2,4,6-Tribromophenol
Concen: 86.787 ng
RT: 15.974 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM035410.D
Acq: 07 Jun 2022 13:07

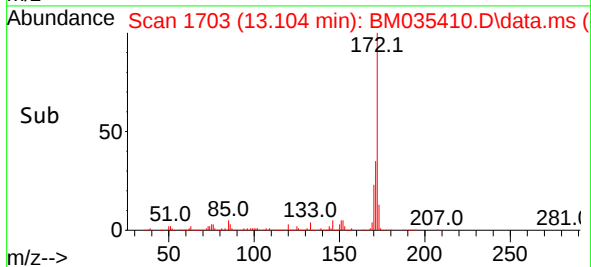
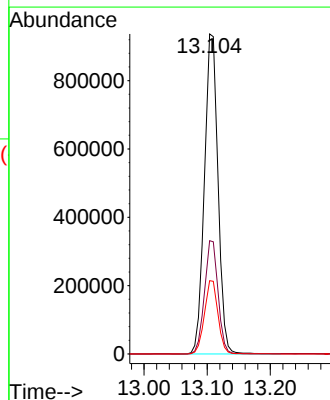
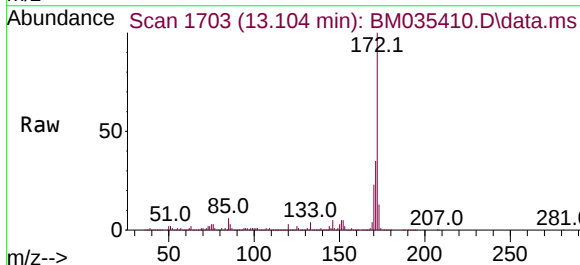
Instrument :
BNA_M
ClientSampleId :
2513-2514

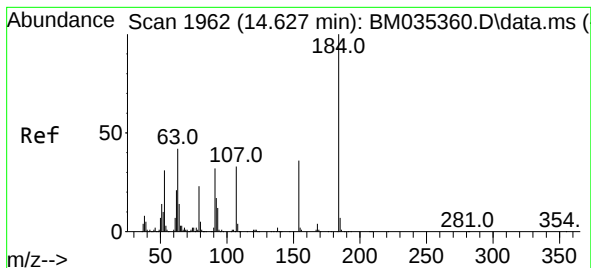
Tgt Ion:330 Resp: 548361
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 22.5 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 51.311 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM035410.D
Acq: 07 Jun 2022 13:07

Tgt Ion:172 Resp: 1406873
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.9 18.7 28.1

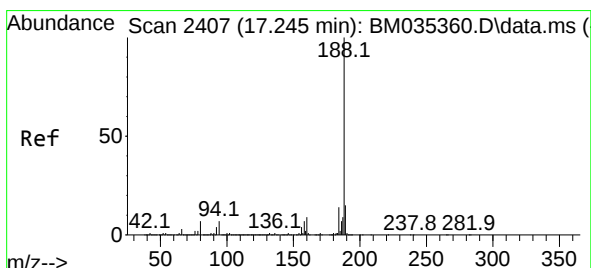
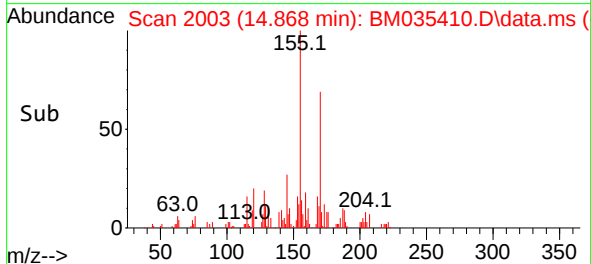
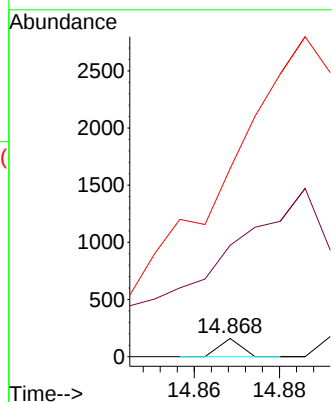
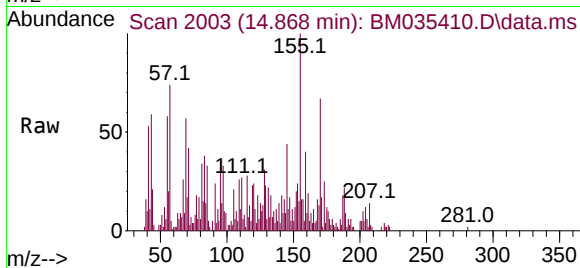




#54
2,4-Dinitrophenol
Concen: 2.654 ng
RT: 14.868 min Scan# 20
Delta R.T. 0.253 min
Lab File: BM035410.D
Acq: 07 Jun 2022 13:07

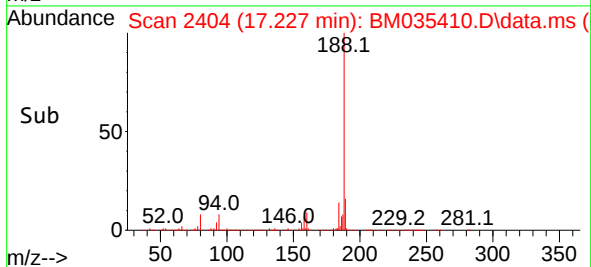
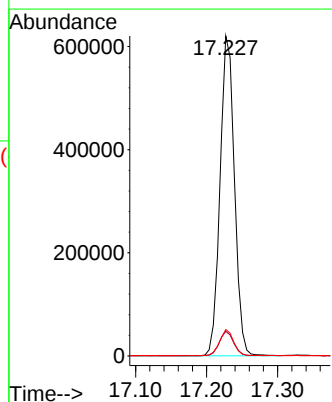
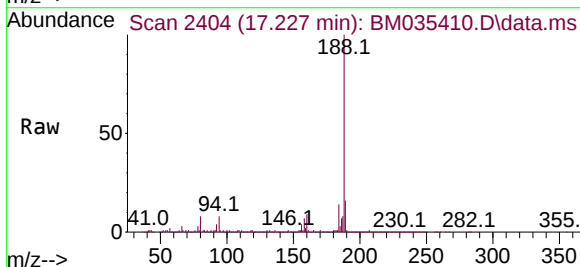
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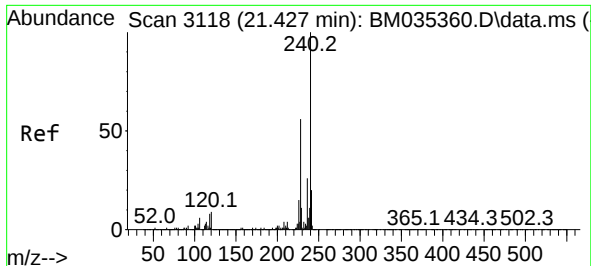
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 608.8 59.5 89.3#
154 1027.5 55.6 83.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM035410.D
Acq: 07 Jun 2022 13:07

Tgt Ion:188 Resp: 869553
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.2 7.6 11.4

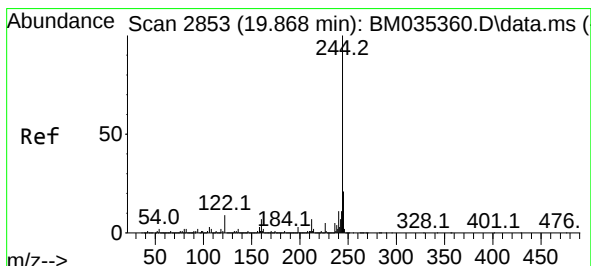
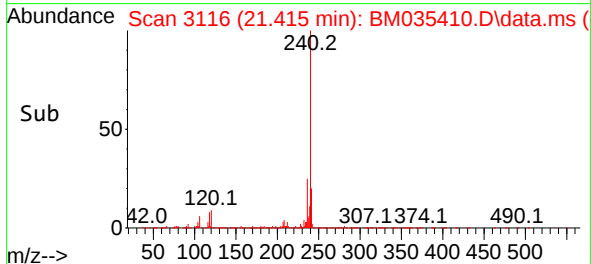
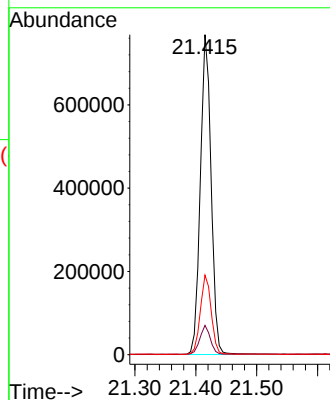
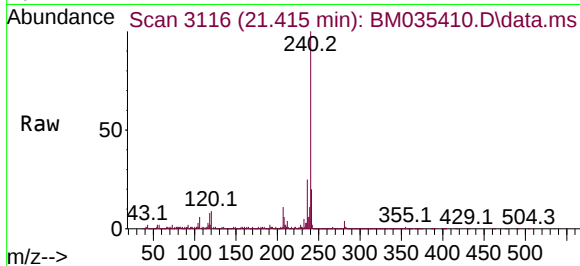




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM035410.D
Acq: 07 Jun 2022 13:07

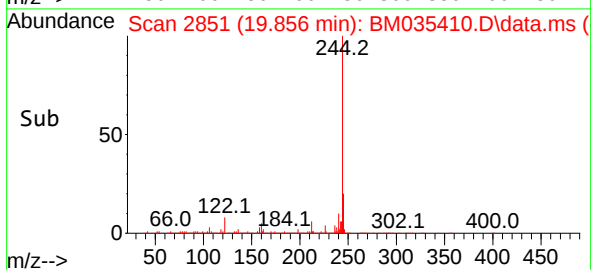
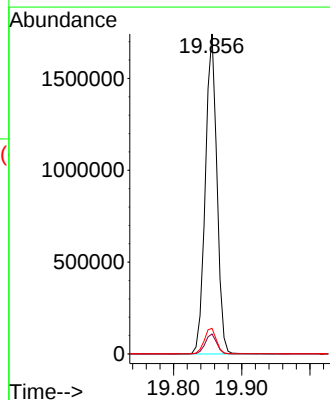
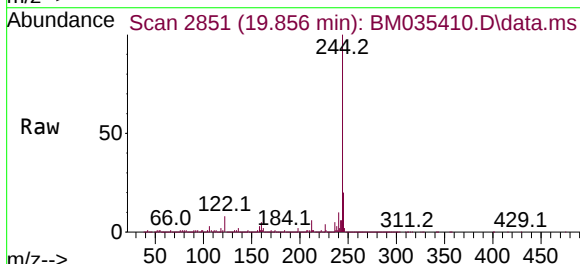
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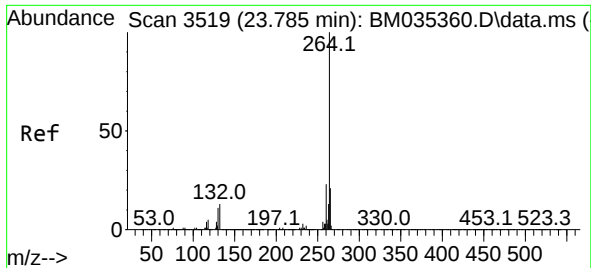
Tgt Ion:240 Resp: 945335
Ion Ratio Lower Upper
240 100
120 9.2 9.4 14.0#
236 24.9 20.6 30.8



#79
Terphenyl-d14
Concen: 43.211 ng
RT: 19.856 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BM035410.D
Acq: 07 Jun 2022 13:07

Tgt Ion:244 Resp: 2050390
Ion Ratio Lower Upper
244 100
212 6.2 6.2 9.4
122 8.0 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM035410.D

Acq: 07 Jun 2022 13:07

Instrument :

BNA_M

ClientSampleId :

2513-2514

Tgt Ion:264 Resp: 1055116

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.5 17.5 26.3

