

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
 Data File : BM037250.D
 Acq On : 26 Oct 2022 22:49
 Operator : CG/JU
 Sample : N5218-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-2

Quant Time: Oct 27 07:52:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 04:49:27 2022
 Response via : Initial Calibration

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

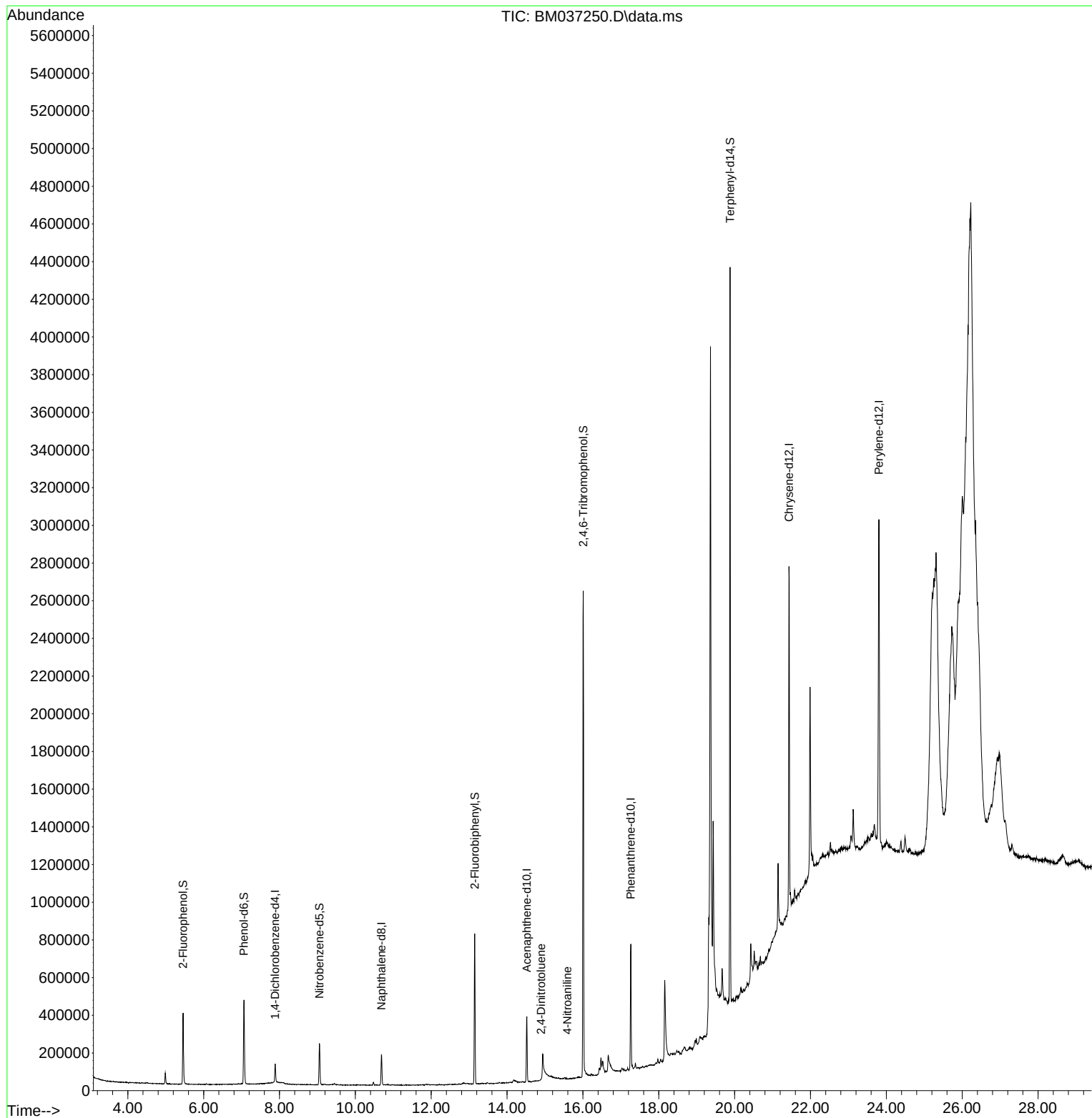
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	27912	20.000	ng	0.00
21) Naphthalene-d8	10.687	136	138676	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	120168	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	405923	20.000	ng	0.00
76) Chrysene-d12	21.433	240	902945	20.000	ng	0.00
86) Perylene-d12	23.803	264	1291836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	194843	143.118	ng	0.00
7) Phenol-d6	7.063	99	290202	154.014	ng	0.00
23) Nitrobenzene-d5	9.051	82	134985	55.569	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	550471	369.535	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	413717	48.621	ng	0.00
79) Terphenyl-d14	19.880	244	1918111	43.456	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.898	165	53	2.433	ng	Qvalue # 52
62) 4-Nitroaniline	15.586	138	145	2.428	ng	# 60

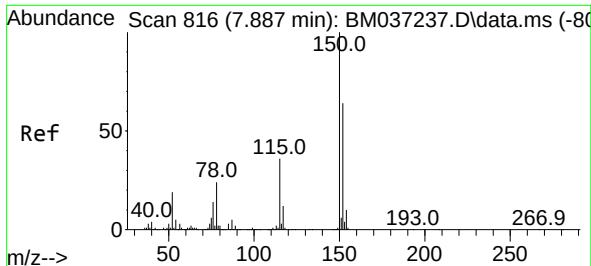
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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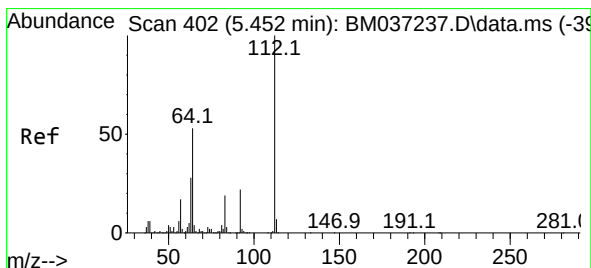
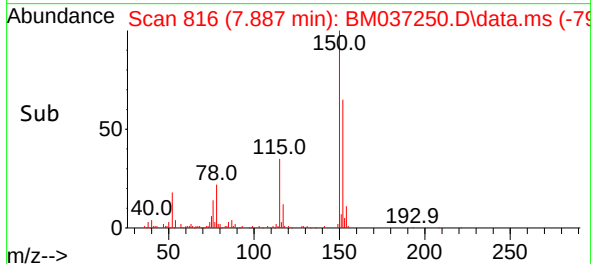
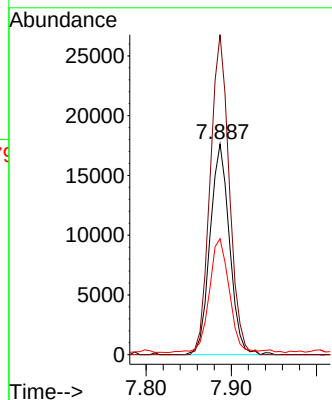
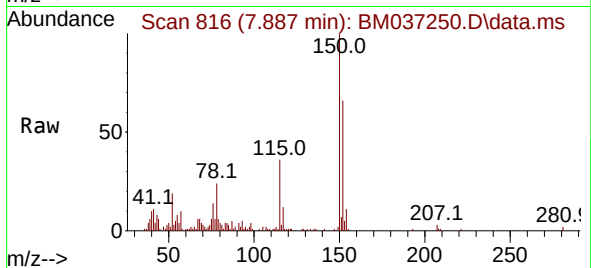




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 816
Delta R.T. -0.000 min
Lab File: BM037250.D
Acq: 26 Oct 2022 22:49

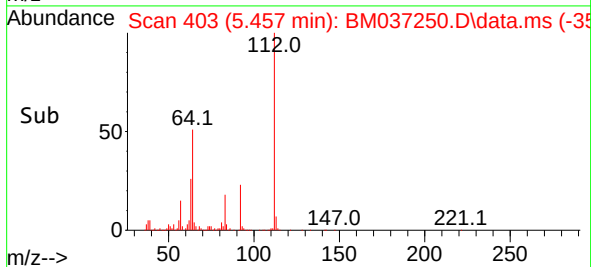
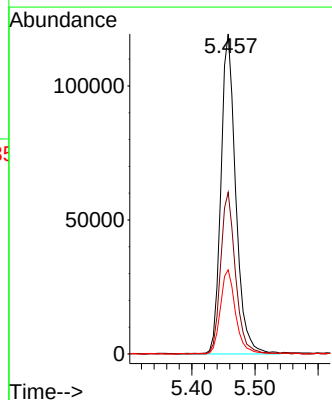
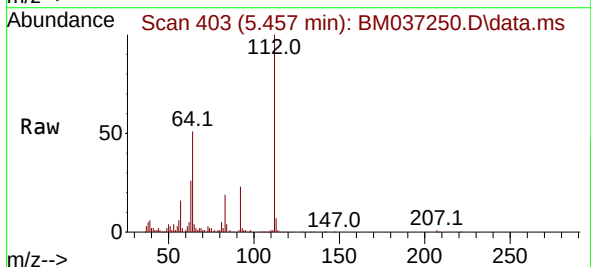
Instrument :
BNA_M
ClientSampleId :
SP-2

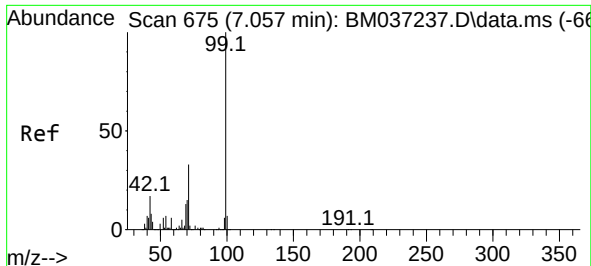
Tgt Ion:152 Resp: 27912
Ion Ratio Lower Upper
152 100
150 151.9 125.6 188.4
115 55.1 45.2 67.8



#5
2-Fluorophenol
Concen: 143.118 ng
RT: 5.457 min Scan# 403
Delta R.T. 0.005 min
Lab File: BM037250.D
Acq: 26 Oct 2022 22:49

Tgt Ion:112 Resp: 194843
Ion Ratio Lower Upper
112 100
64 50.5 42.5 63.7
63 26.3 22.6 33.8

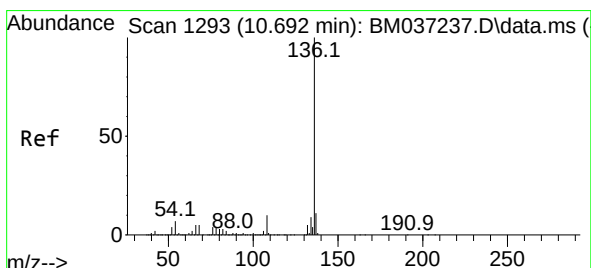
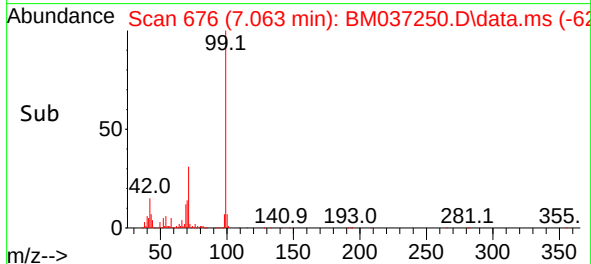
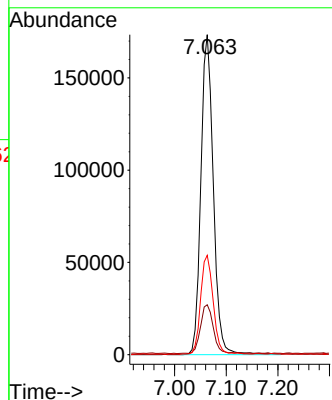
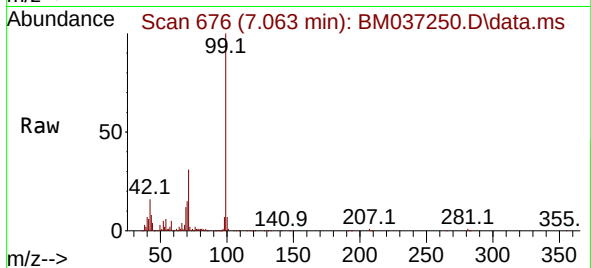




#7
Phenol-d6
Concen: 154.014 ng
RT: 7.063 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM037250.D
Acq: 26 Oct 2022 22:49

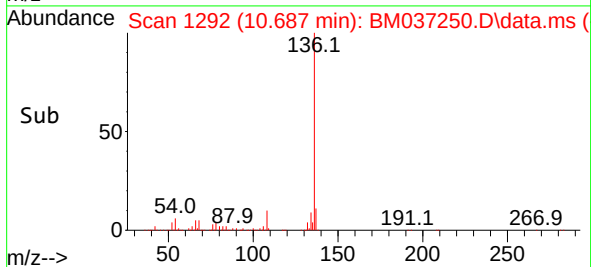
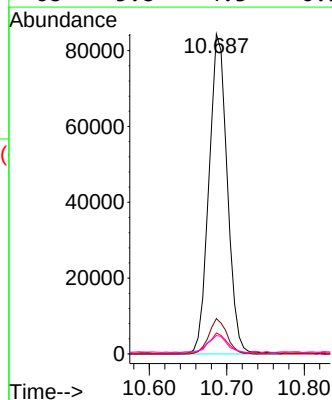
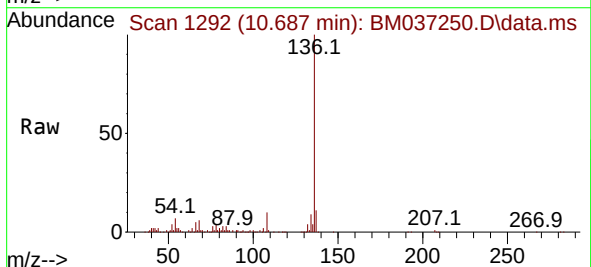
Instrument :
BNA_M
ClientSampleId :
SP-2

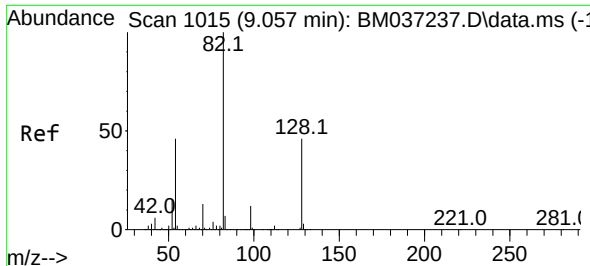
Tgt Ion: 99 Resp: 290202
Ion Ratio Lower Upper
99 100
42 15.6 13.8 20.6
71 31.1 26.5 39.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BM037250.D
Acq: 26 Oct 2022 22:49

Tgt Ion: 136 Resp: 138676
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.6 5.6 8.4
68 5.8 4.3 6.5

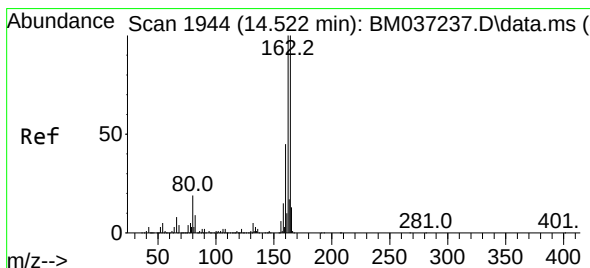
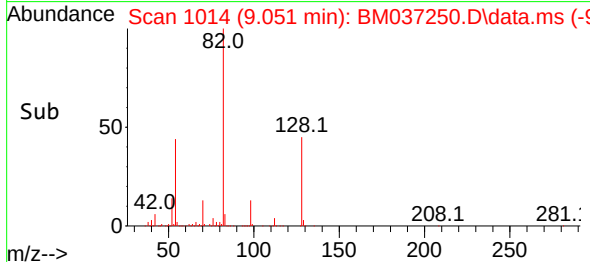
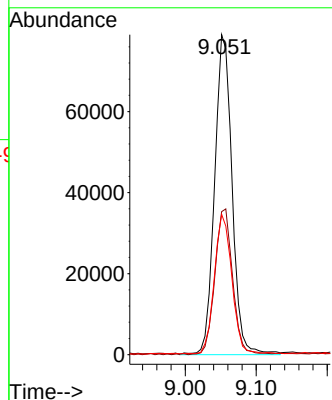
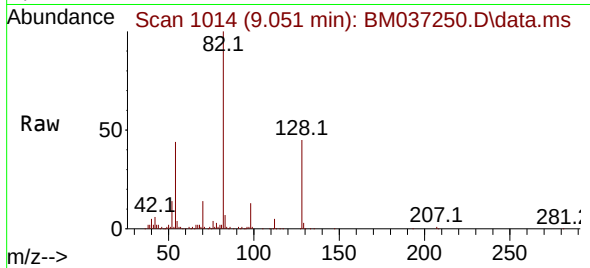




#23
Nitrobenzene-d5
Concen: 55.569 ng
RT: 9.051 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM037250.D
Acq: 26 Oct 2022 22:49

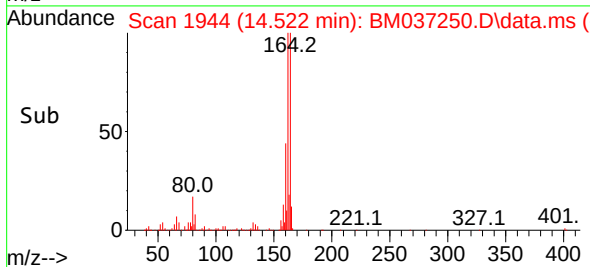
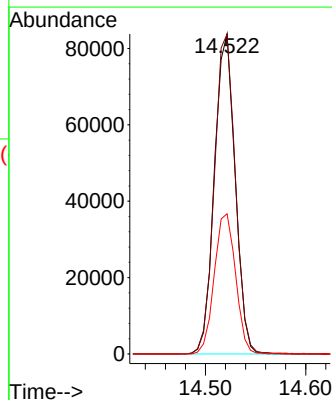
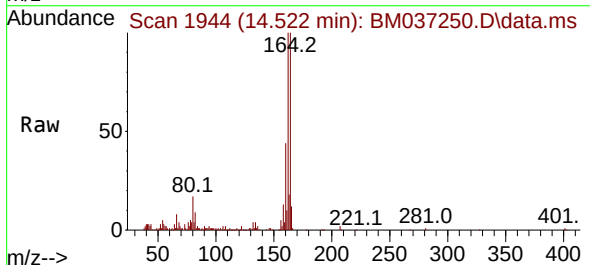
Instrument :
BNA_M
ClientSampleId :
SP-2

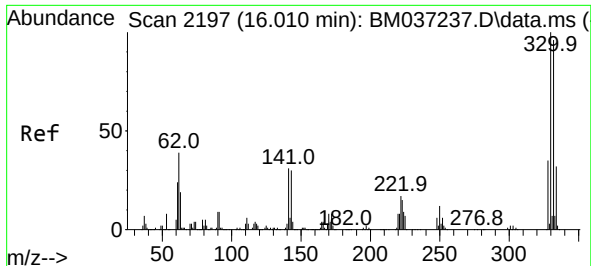
Tgt Ion: 82 Resp: 134985
Ion Ratio Lower Upper
82 100
128 44.7 36.7 55.1
54 43.9 36.6 55.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BM037250.D
Acq: 26 Oct 2022 22:49

Tgt Ion:164 Resp: 120168
Ion Ratio Lower Upper
164 100
162 100.0 80.0 120.0
160 43.8 36.1 54.1

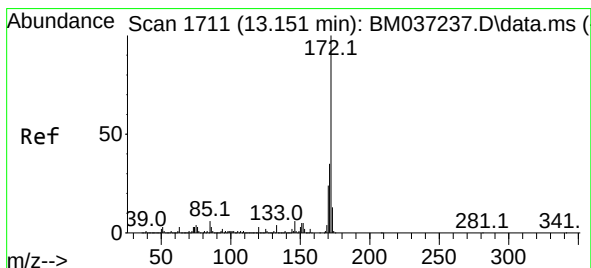
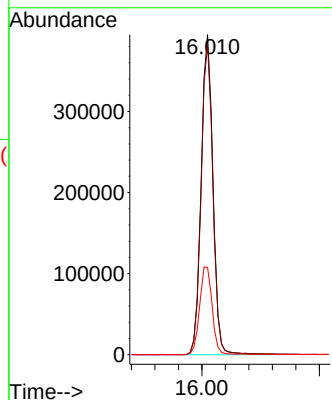
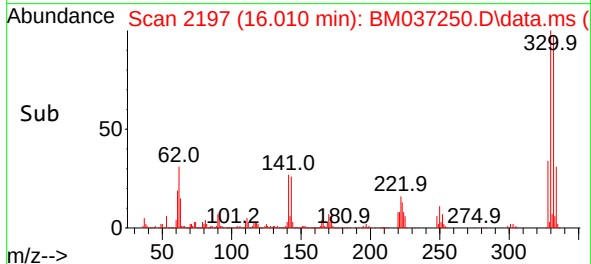
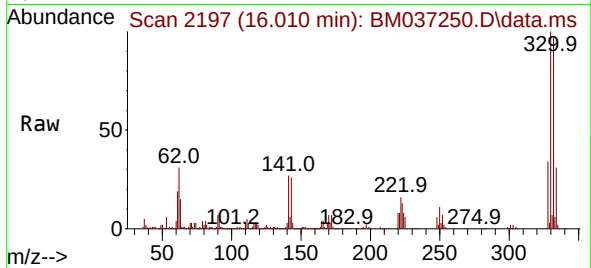




#42
2,4,6-Tribromophenol
Concen: 369.535 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM037250.D
Acq: 26 Oct 2022 22:49

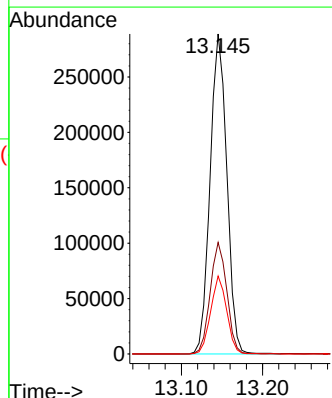
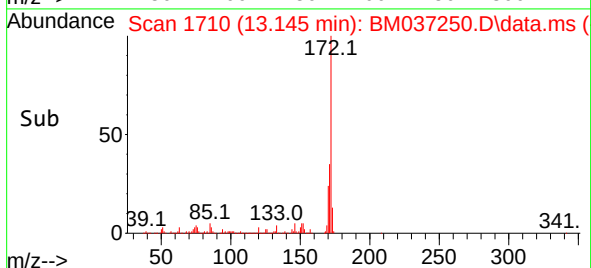
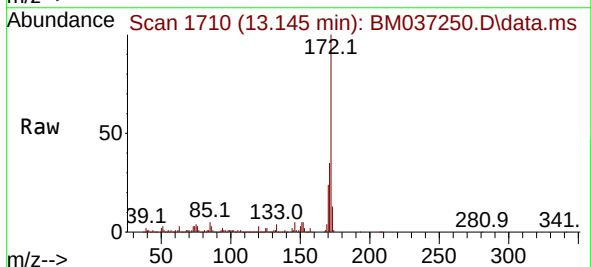
Instrument :
BNA_M
ClientSampleId :
SP-2

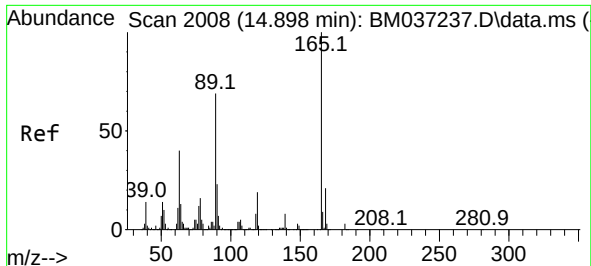
Tgt Ion:330 Resp: 550471
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 28.8 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 48.621 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM037250.D
Acq: 26 Oct 2022 22:49

Tgt Ion:172 Resp: 413717
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 24.3 18.9 28.3

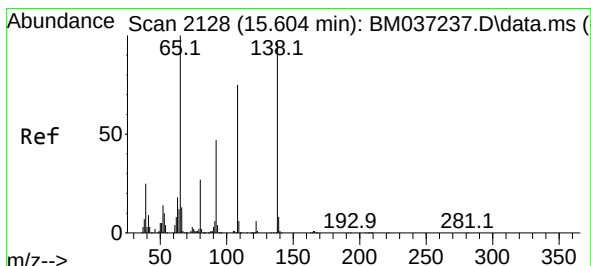
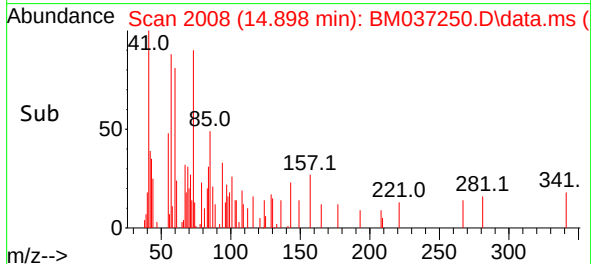
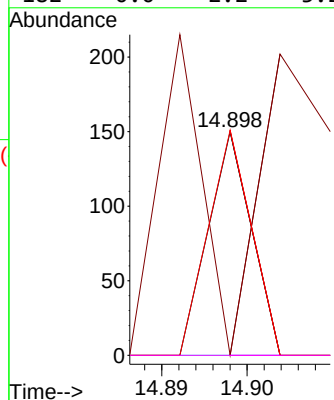
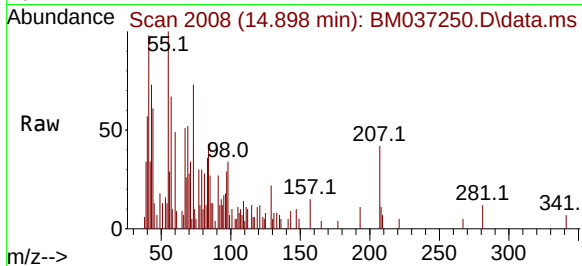




#57
2,4-Dinitrotoluene
Concen: 2.433 ng
RT: 14.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM037250.D
Acq: 26 Oct 2022 22:49

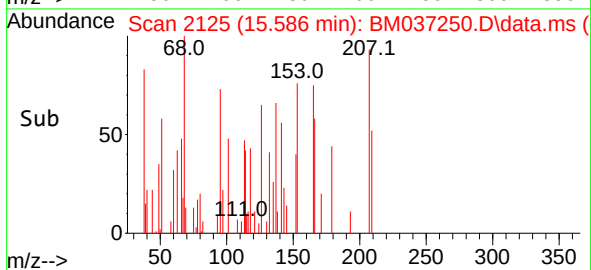
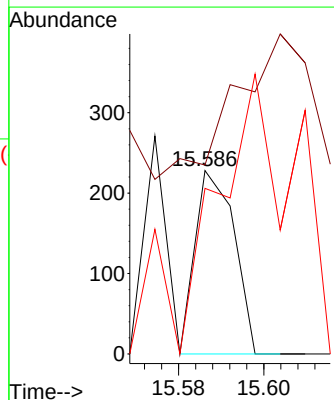
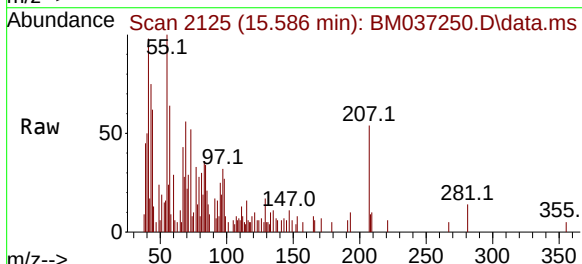
Instrument :
BNA_M
ClientSampleId :
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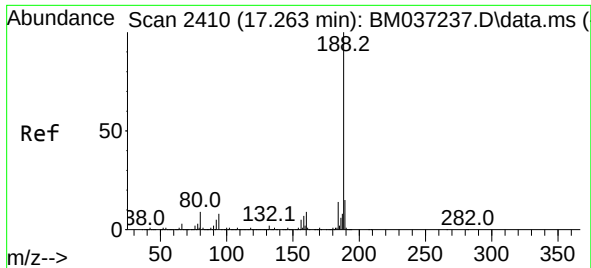
Tgt Ion:	165	Resp:	53
Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.9	47.9#
89	100.7	55.0	82.4#
182	0.0	2.2	3.2#



#62
4-Nitroaniline
Concen: 2.428 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BM037250.D
Acq: 26 Oct 2022 22:49

Tgt Ion:	138	Resp:	145
Ion	Ratio	Lower	Upper
138	100		
92	103.1	28.7	68.7#
108	90.4	57.7	97.7

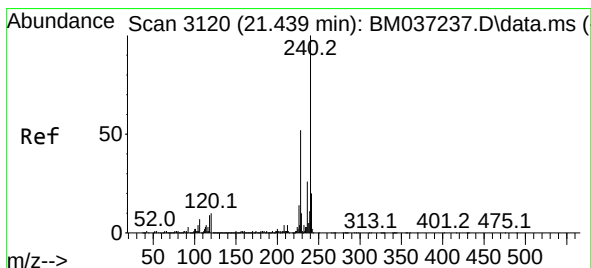
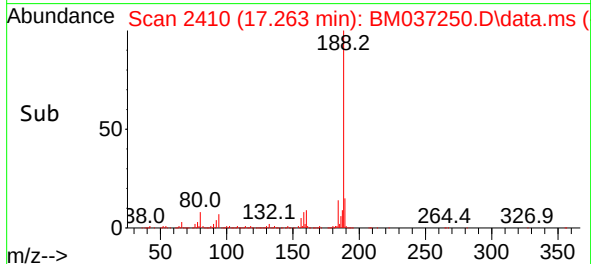
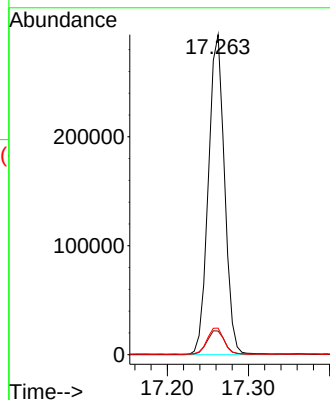
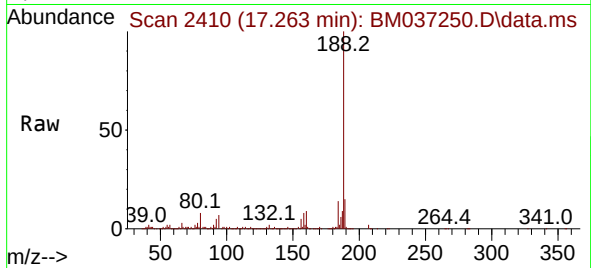




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM037250.D
Acq: 26 Oct 2022 22:49

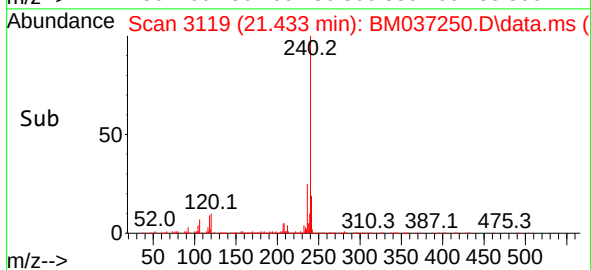
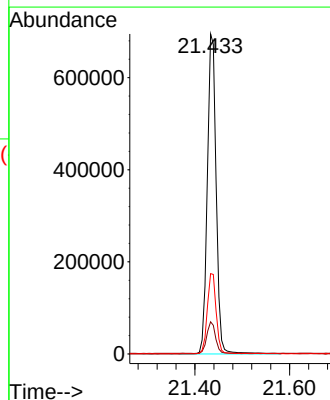
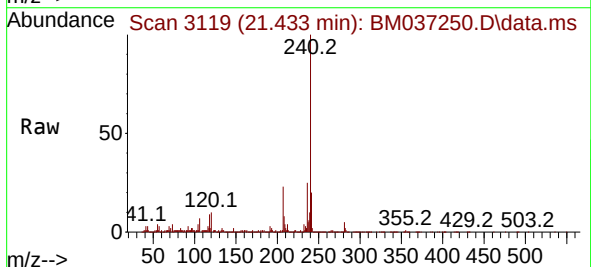
Instrument :
BNA_M
ClientSampleId :
SP-2

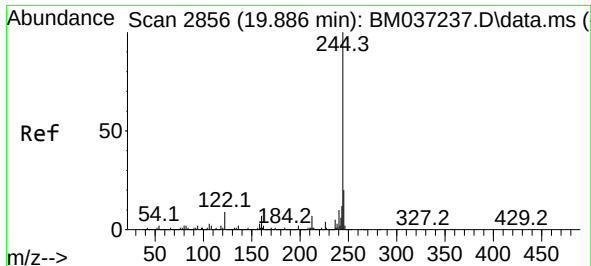
Tgt Ion:188 Resp: 405923
Ion Ratio Lower Upper
188 100
94 7.4 6.3 9.5
80 8.3 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM037250.D
Acq: 26 Oct 2022 22:49

Tgt Ion:240 Resp: 902945
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.6
236 25.1 21.0 31.4

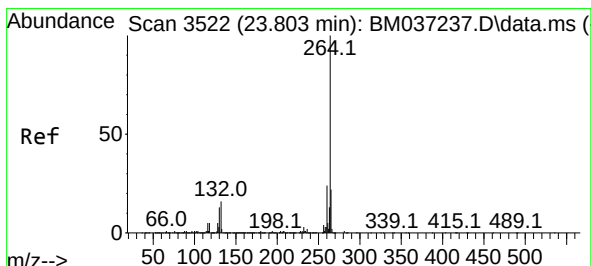
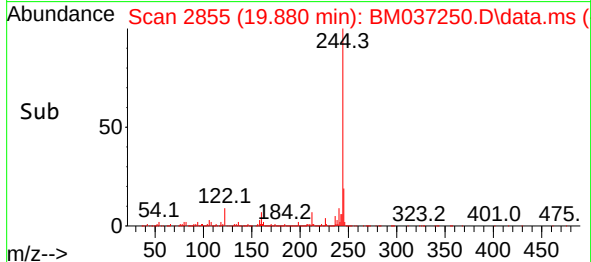
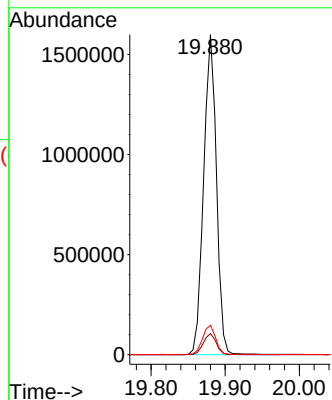
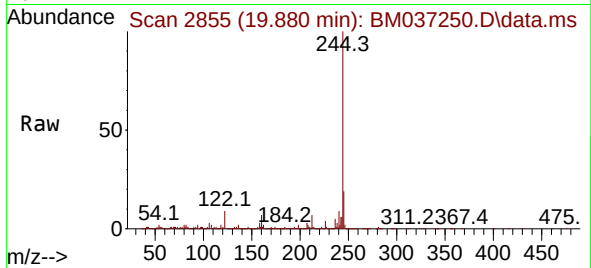




#79
 Terphenyl-d14
 Concen: 43.456 ng
 RT: 19.880 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM037250.D
 Acq: 26 Oct 2022 22:49

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 1918111
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 9.1 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.803 min Scan# 3522
 Delta R.T. 0.000 min
 Lab File: BM037250.D
 Acq: 26 Oct 2022 22:49

Tgt Ion:264 Resp: 1291836
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 22.1 17.9 26.9

