

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
 Data File : BM037297.D
 Acq On : 31 Oct 2022 19:33
 Operator : CG/JU
 Sample : N5337-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-COMP

Quant Time: Nov 01 05:05:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 31 01:34:15 2022
 Response via : Initial Calibration

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

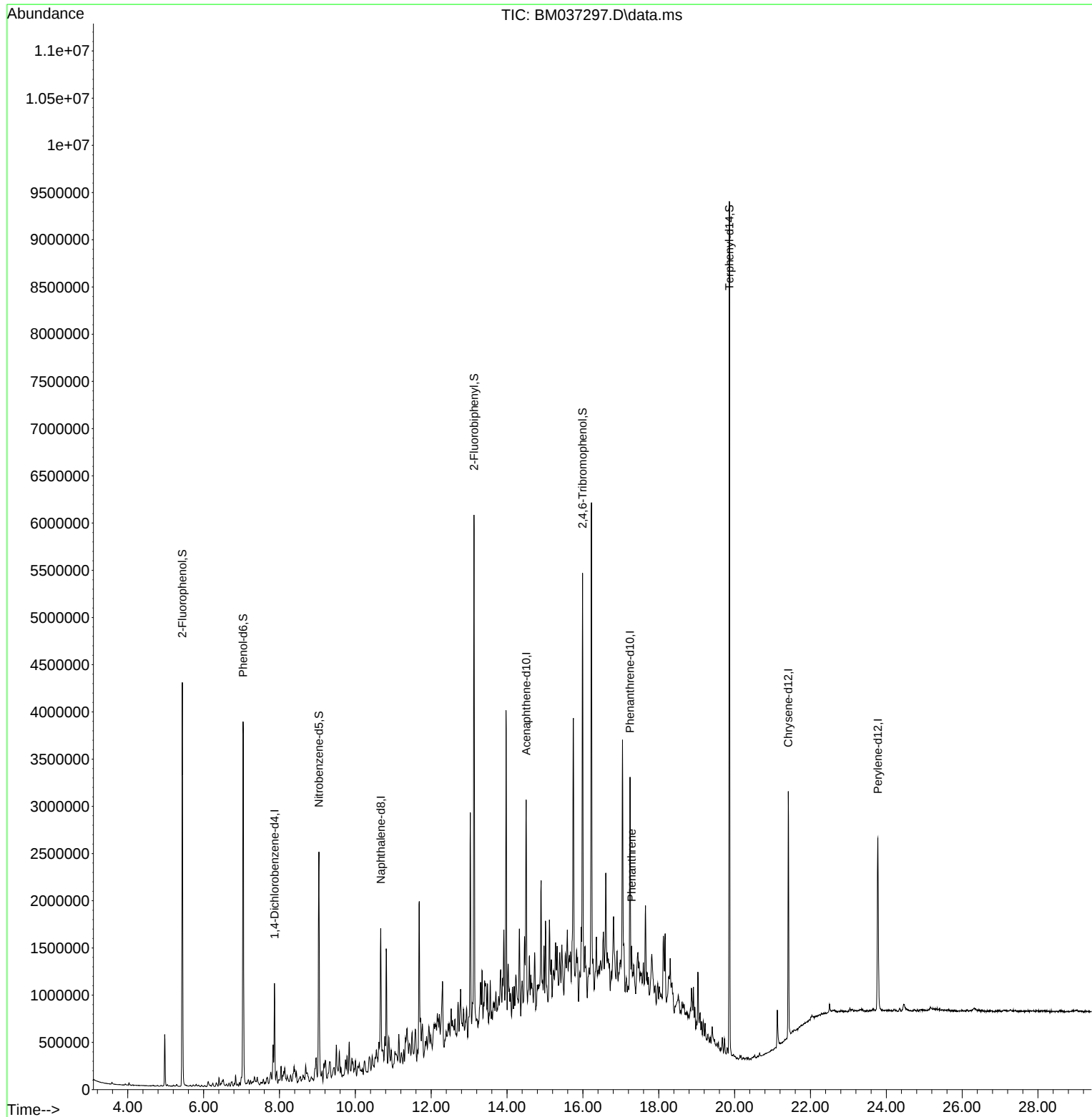
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	275914	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	1081509	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	601244	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1149038	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1207958	20.000	ng	0.00
86) Perylene-d12	23.780	264	1346147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1777550	111.302	ng	0.00
7) Phenol-d6	7.040	99	2212519	102.075	ng	0.00
23) Nitrobenzene-d5	9.040	82	1315838	61.384	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	755288	106.597	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2812311	62.149	ng	-0.01
79) Terphenyl-d14	19.862	244	4109161	61.002	ng	0.00
Target Compounds						
71) Phenanthrene	17.286	178	199238	2.795	ng	Qvalue # 92

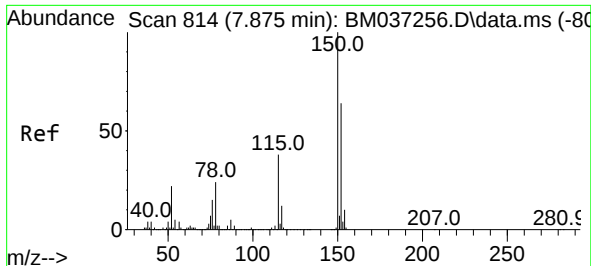
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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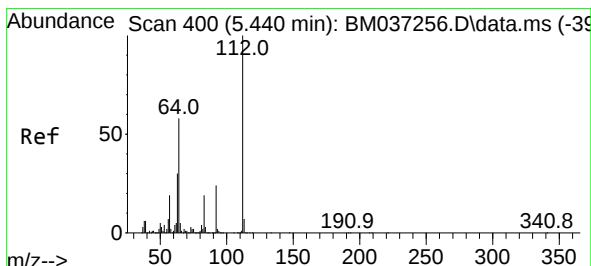
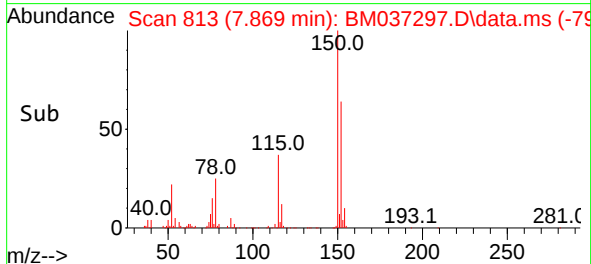
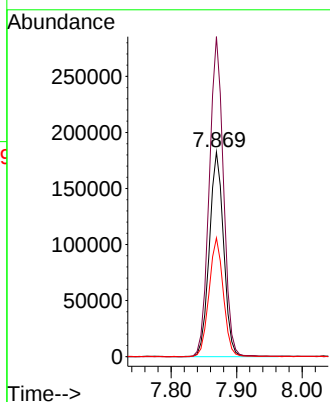
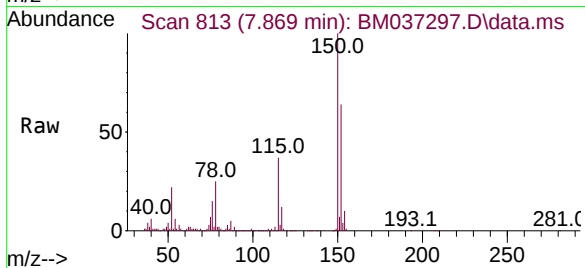




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM037297.D
Acq: 31 Oct 2022 19:33

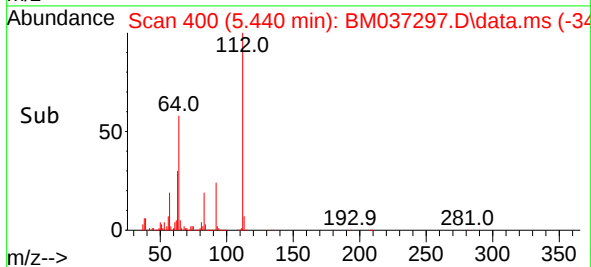
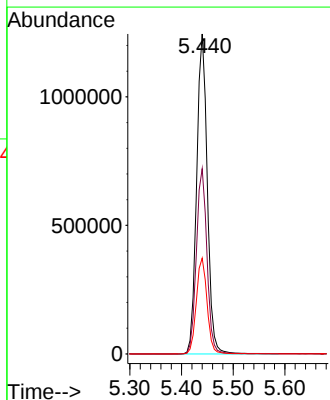
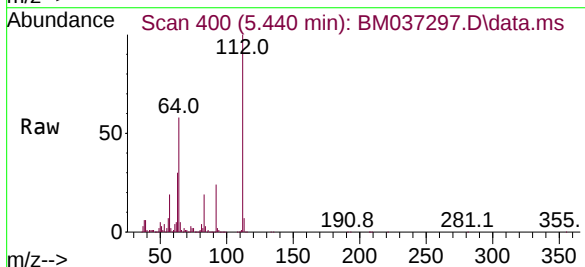
Instrument :
BNA_M
ClientSampleId :
SB-02-COMP

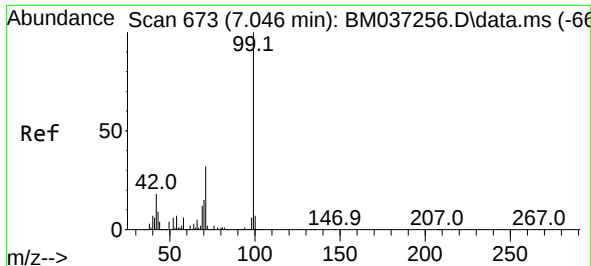
Tgt Ion:152 Resp: 275914
Ion Ratio Lower Upper
152 100
150 156.5 124.8 187.2
115 58.0 47.0 70.4



#5
2-Fluorophenol
Concen: 111.302 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM037297.D
Acq: 31 Oct 2022 19:33

Tgt Ion:112 Resp: 1777550
Ion Ratio Lower Upper
112 100
64 57.9 46.8 70.2
63 29.9 24.4 36.6

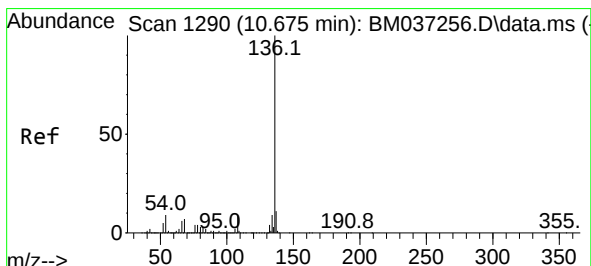
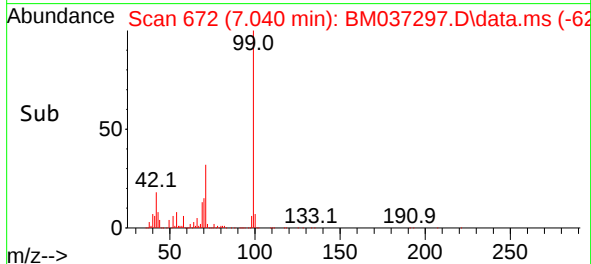
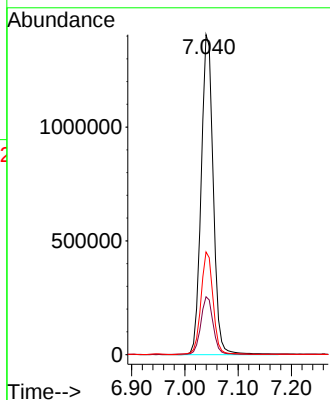
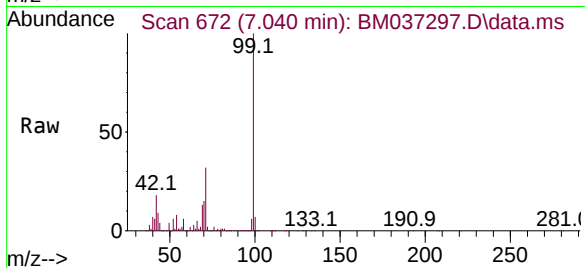




#7
Phenol-d6
Concen: 102.075 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037297.D
Acq: 31 Oct 2022 19:33

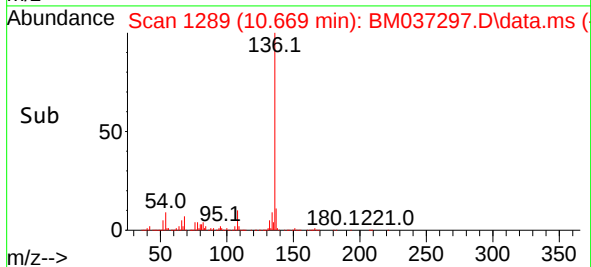
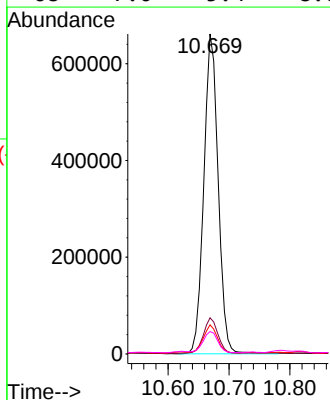
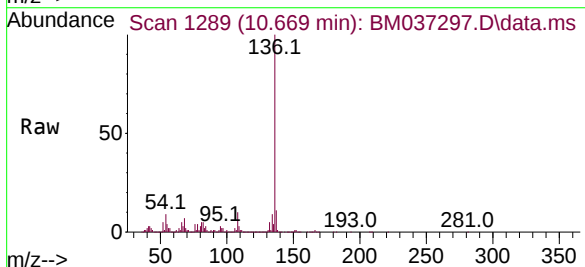
Instrument :
BNA_M
ClientSampleId :
SB-02-COMP

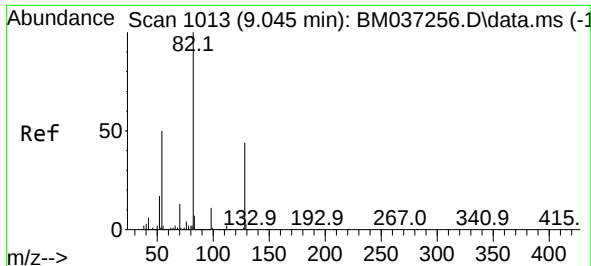
Tgt Ion: 99 Resp: 2212519
Ion Ratio Lower Upper
99 100
42 18.1 14.8 22.2
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM037297.D
Acq: 31 Oct 2022 19:33

Tgt Ion: 136 Resp: 1081509
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 9.1 7.0 10.4
68 7.0 5.4 8.0

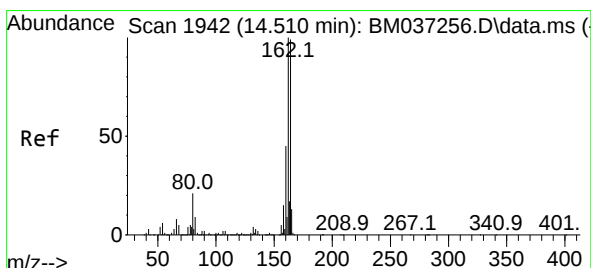
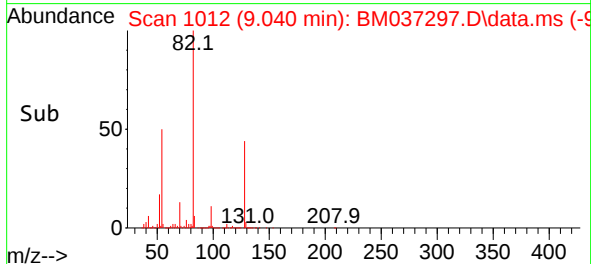
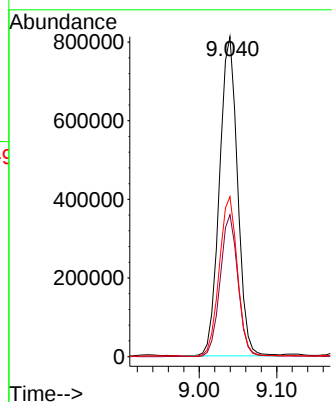
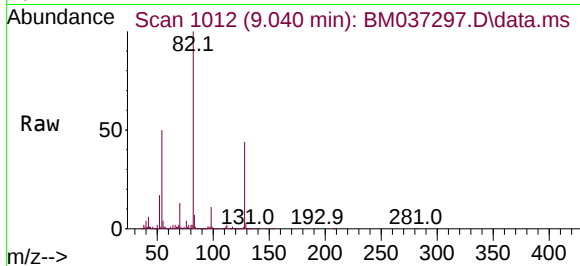




#23
Nitrobenzene-d5
Concen: 61.384 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BM037297.D
Acq: 31 Oct 2022 19:33

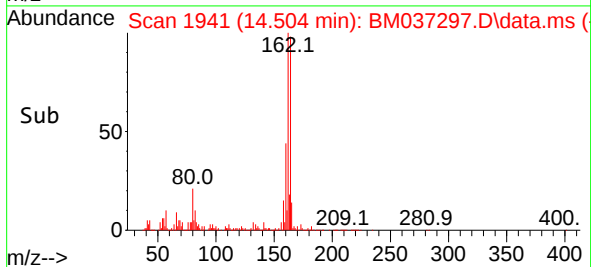
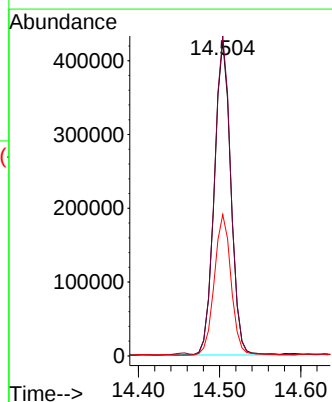
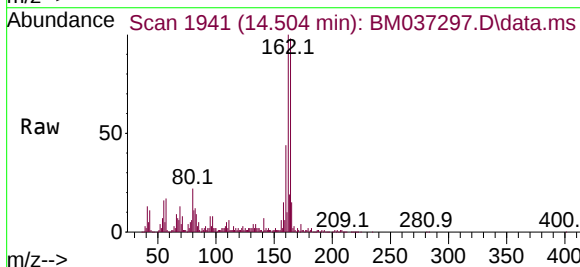
Instrument :
BNA_M
ClientSampleId :
SB-02-COMP

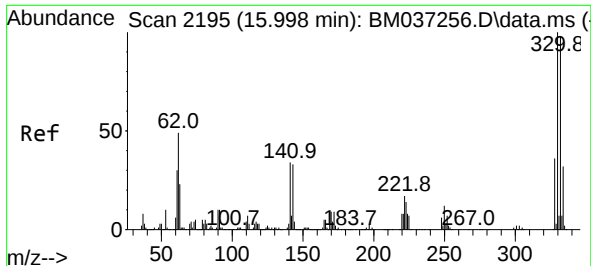
Tgt Ion: 82 Resp: 1315838
Ion Ratio Lower Upper
82 100
128 44.3 35.2 52.8
54 50.0 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM037297.D
Acq: 31 Oct 2022 19:33

Tgt Ion:164 Resp: 601244
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 44.9 36.2 54.4

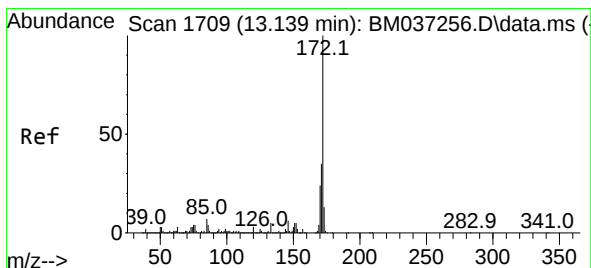
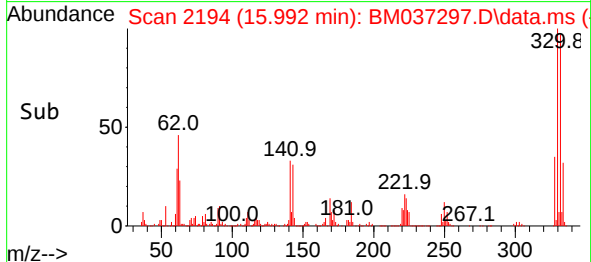
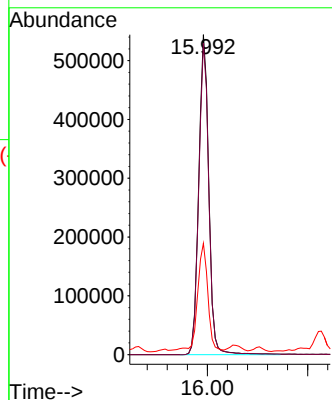
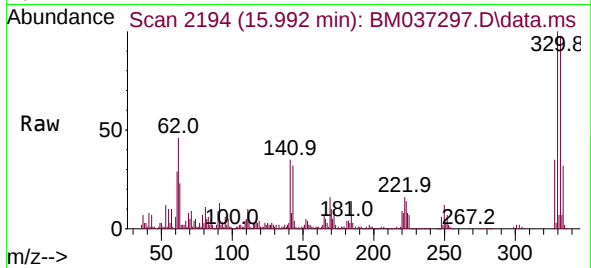




#42
2,4,6-Tribromophenol
Concen: 106.597 ng
RT: 15.992 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM037297.D
Acq: 31 Oct 2022 19:33

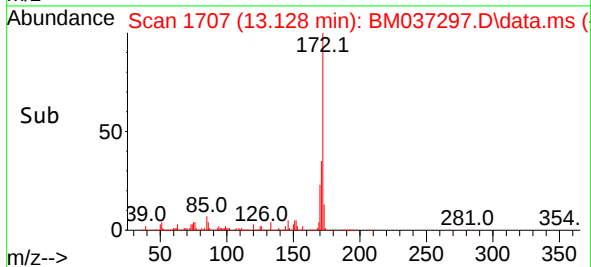
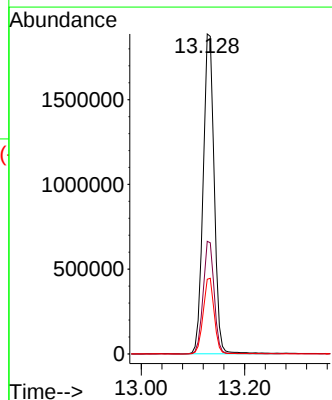
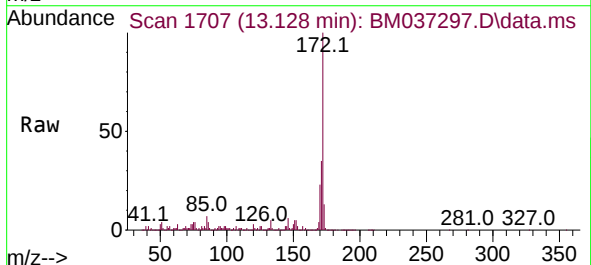
Instrument :
BNA_M
ClientSampleId :
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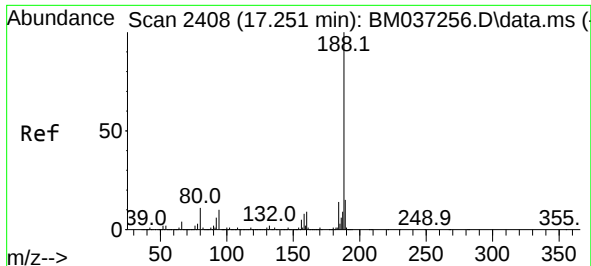
Tgt Ion:330 Resp: 755288
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 34.4 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 62.149 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.011 min
Lab File: BM037297.D
Acq: 31 Oct 2022 19:33

Tgt Ion:172 Resp: 2812311
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.3 19.0 28.4

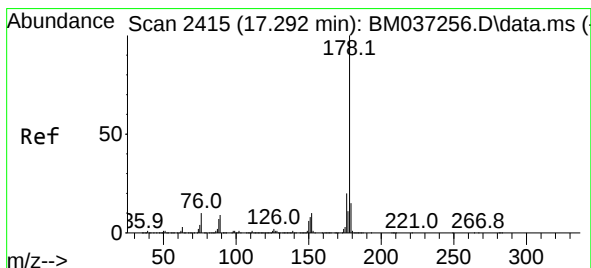
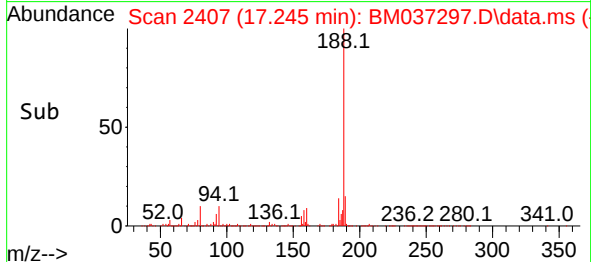
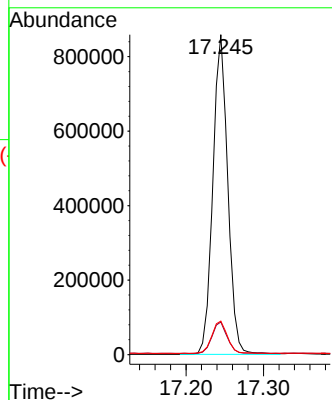
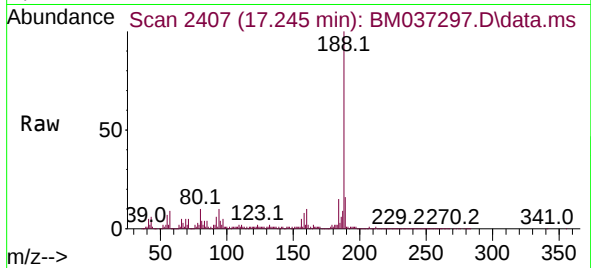




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM037297.D
Acq: 31 Oct 2022 19:33

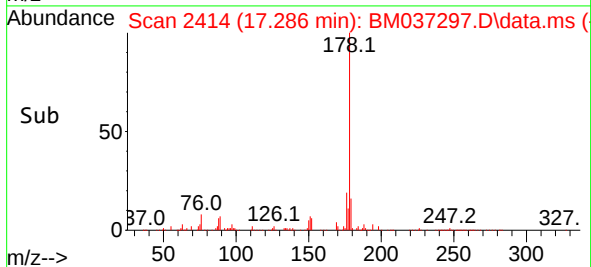
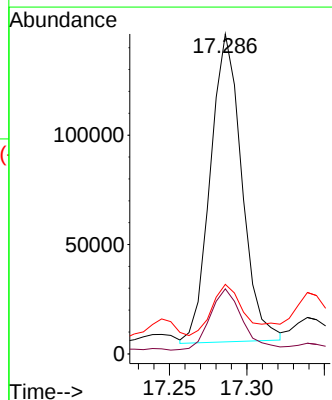
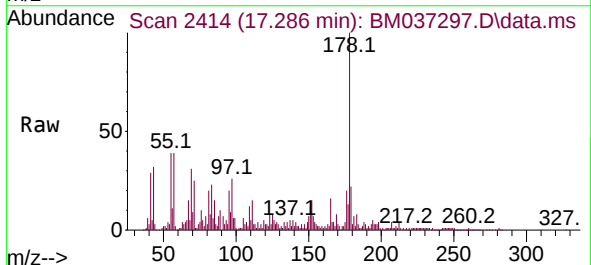
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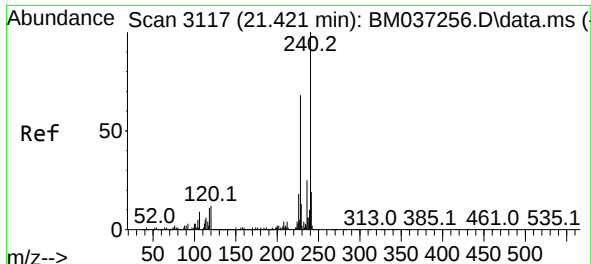
Tgt Ion:188 Resp: 1149038
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 10.5 8.5 12.7



#71
Phenanthrene
Concen: 2.795 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM037297.D
Acq: 31 Oct 2022 19:33

Tgt Ion:178 Resp: 199238
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 21.7 12.4 18.6#

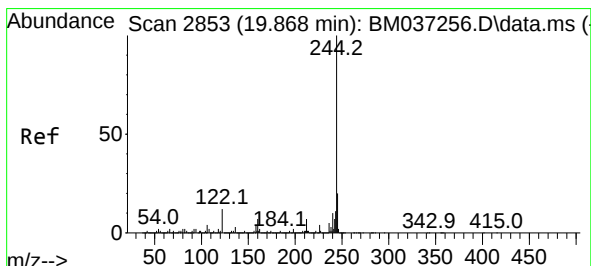
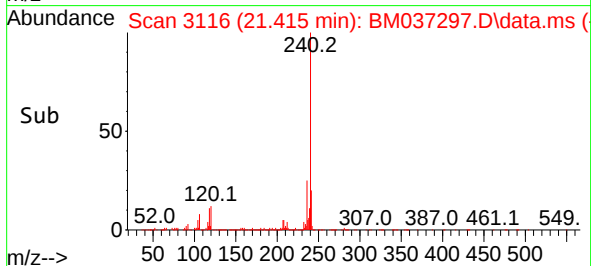
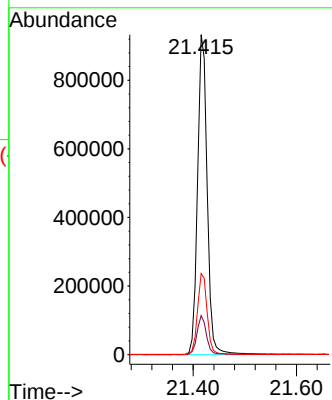
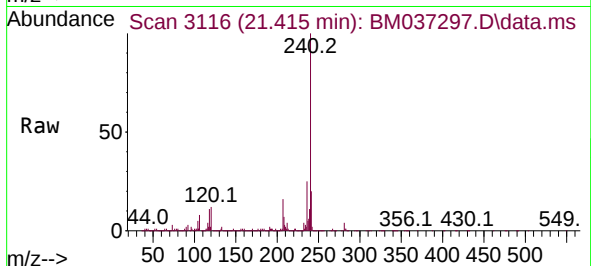




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM037297.D
Acq: 31 Oct 2022 19:33

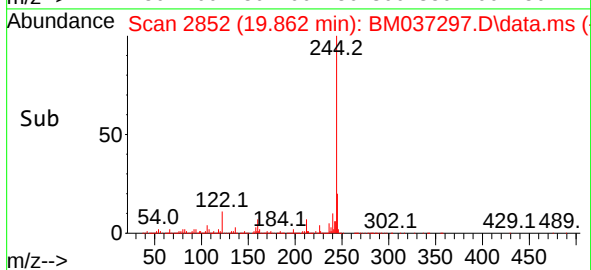
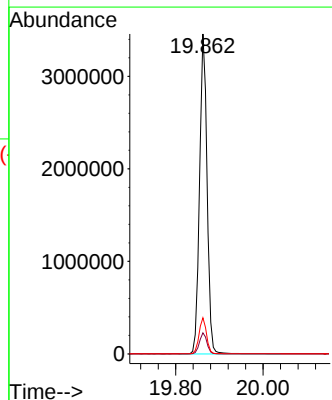
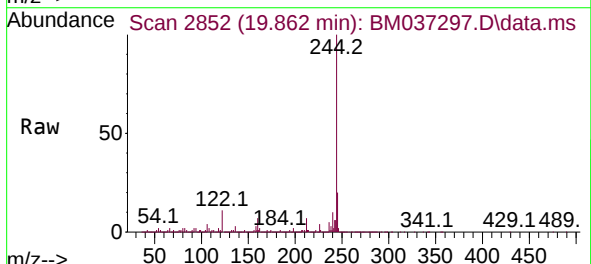
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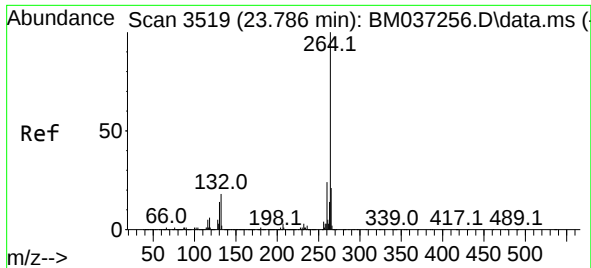
Tgt Ion:240 Resp: 1207958
Ion Ratio Lower Upper
240 100
120 12.2 9.9 14.9
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 61.002 ng
RT: 19.862 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM037297.D
Acq: 31 Oct 2022 19:33

Tgt Ion:244 Resp: 4109161
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 11.3 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM037297.D
 Acq: 31 Oct 2022 19:33

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:264 Resp: 1346147
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.2 17.7 26.5

