

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
 Data File : BM032408.D
 Acq On : 09 Oct 2021 00:11
 Operator : CG/JU
 Sample : M4117-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-3(1.5-2.0)

Quant Time: Oct 09 02:18:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 17:11:04 2021
 Response via : Initial Calibration

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

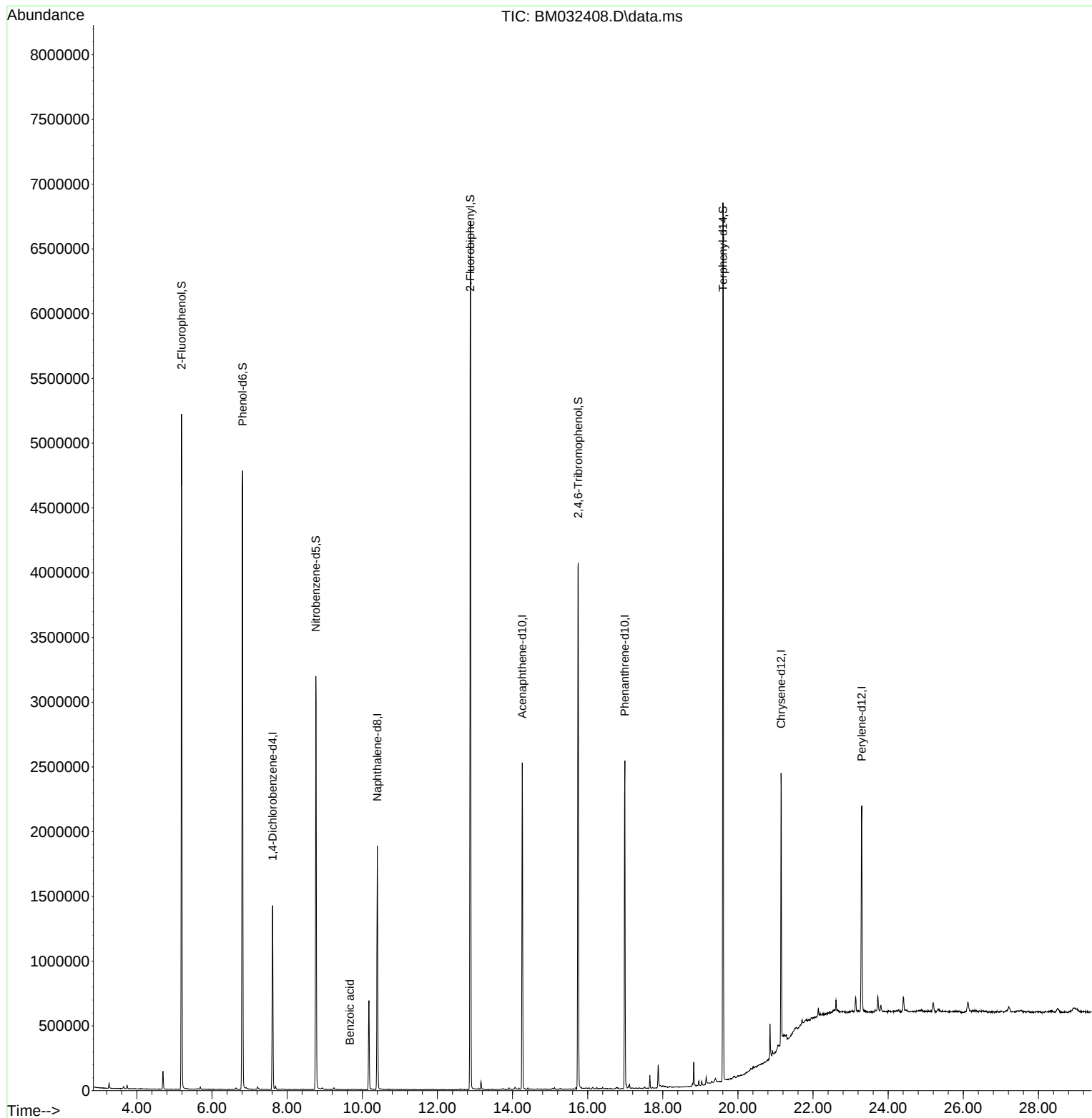
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	374212	20.000	ng	0.00
21) Naphthalene-d8	10.401	136	1495689	20.000	ng	# 0.00
39) Acenaphthene-d10	14.260	164	826144	20.000	ng	0.00
64) Phenanthrene-d10	16.989	188	1406833	20.000	ng	0.00
76) Chrysene-d12	21.147	240	966420	20.000	ng	#-0.01
86) Perylene-d12	23.294	264	1013840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.190	112	2231067	100.455	ng	0.00
7) Phenol-d6	6.813	99	2855301	94.011	ng	0.00
23) Nitrobenzene-d5	8.766	82	1768476	65.761	ng	0.00
42) 2,4,6-Tribromophenol	15.748	330	713553	77.152	ng	0.00
45) 2-Fluorobiphenyl	12.877	172	3555572	63.991	ng	0.00
79) Terphenyl-d14	19.600	244	3150087	68.647	ng	0.00
Target Compounds						
32) Benzoic acid	9.672	122	56	4.824	ng	# 52

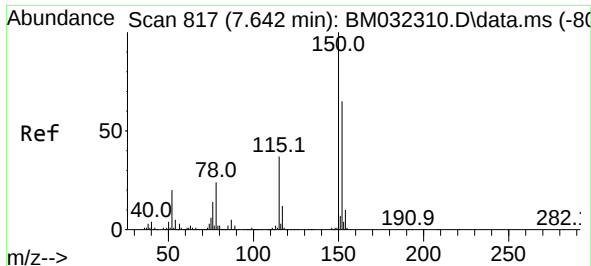
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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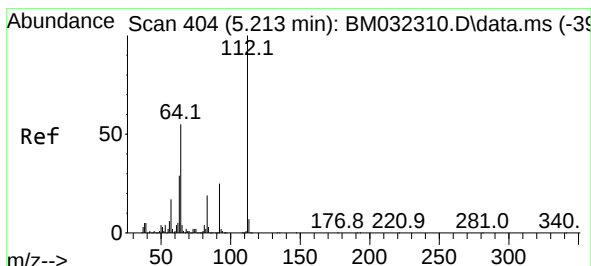
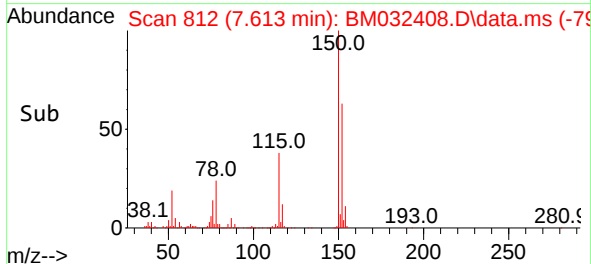
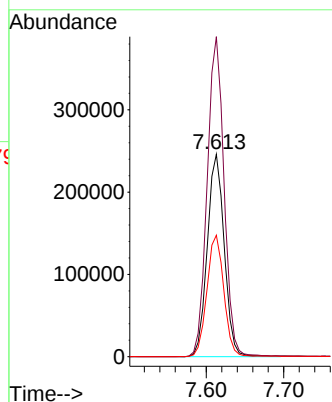
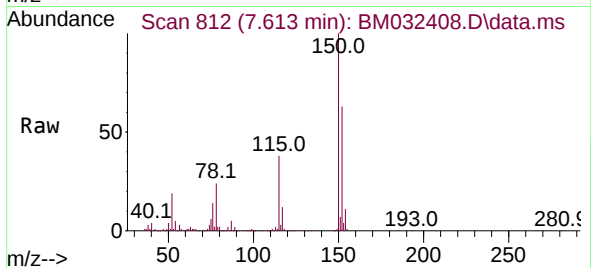




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM032408.D
Acq: 09 Oct 2021 00:11

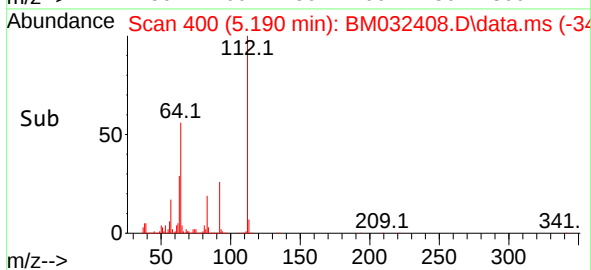
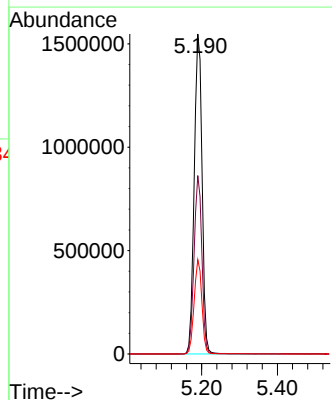
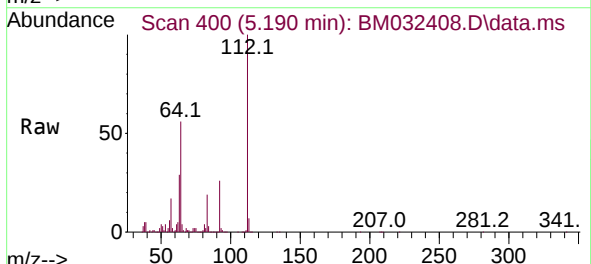
Instrument :
BNA_M
ClientSampleId :
SB-3(1.5-2.0)

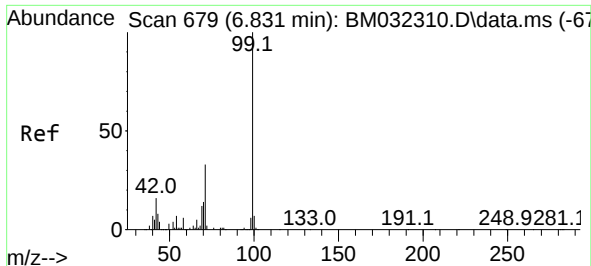
Tgt Ion:152 Resp: 374212
Ion Ratio Lower Upper
152 100
150 158.1 122.4 183.6
115 60.0 53.8 80.8



#5
2-Fluorophenol
Concen: 100.455 ng
RT: 5.190 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM032408.D
Acq: 09 Oct 2021 00:11

Tgt Ion:112 Resp: 2231067
Ion Ratio Lower Upper
112 100
64 55.7 53.7 80.5
63 29.5 33.9 50.9#

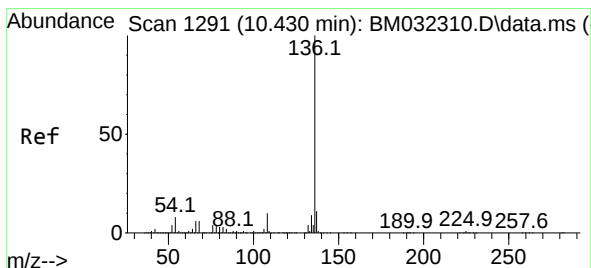
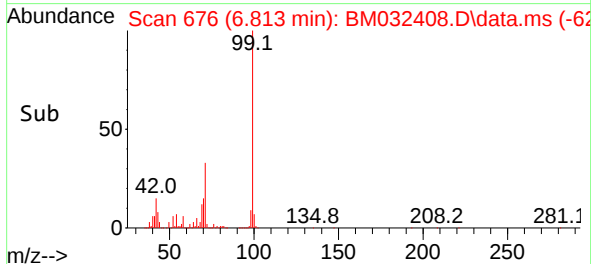
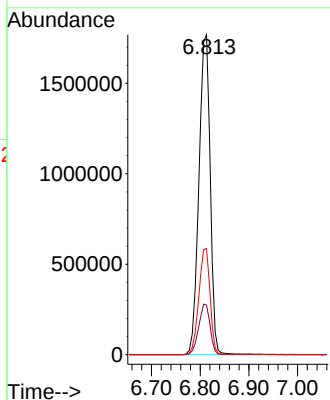
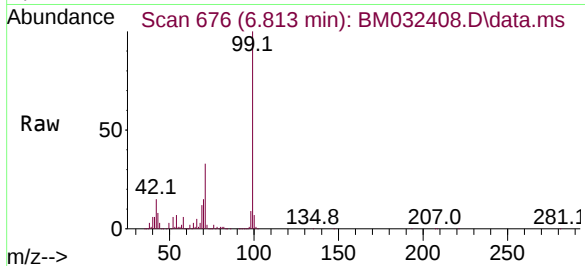




#7
Phenol-d6
Concen: 94.011 ng
RT: 6.813 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM032408.D
Acq: 09 Oct 2021 00:11

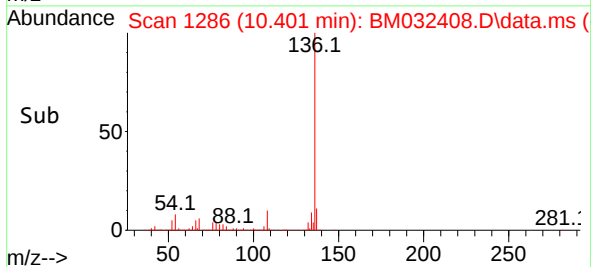
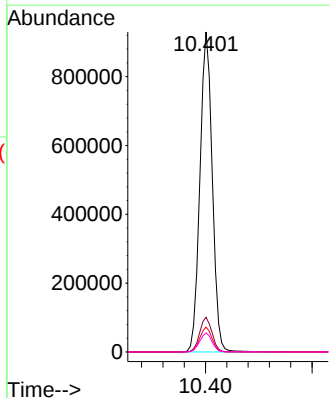
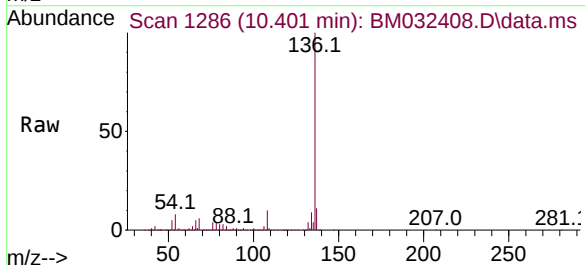
Instrument :
BNA_M
ClientSampleId :
SB-3(1.5-2.0)

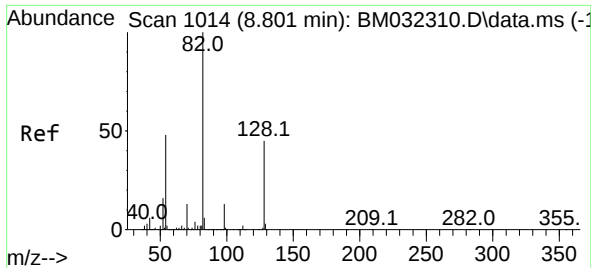
Tgt Ion: 99 Resp: 2855301
Ion Ratio Lower Upper
99 100
42 15.5 23.0 34.6#
71 33.2 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.401 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM032408.D
Acq: 09 Oct 2021 00:11

Tgt Ion: 136 Resp: 1495689
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 7.4 11.0
68 6.0 3.8 5.8#

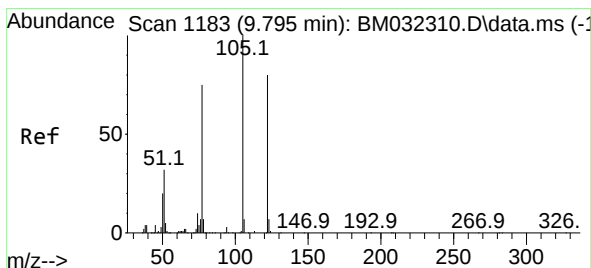
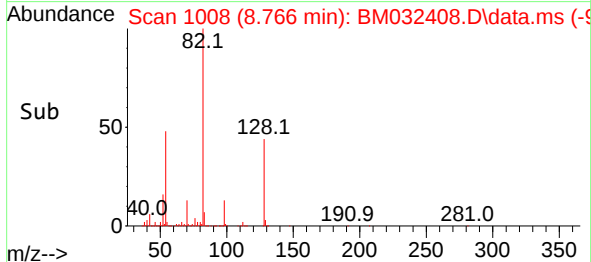
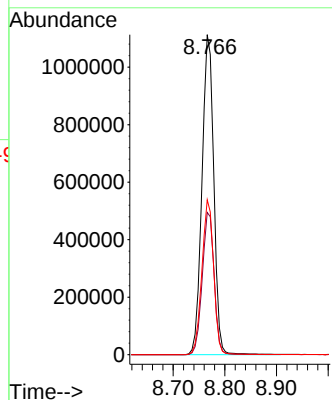
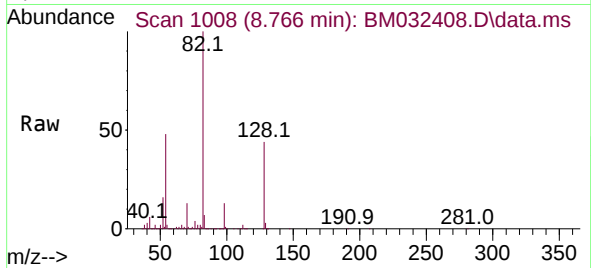




#23
Nitrobenzene-d5
Concen: 65.761 ng
RT: 8.766 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM032408.D
Acq: 09 Oct 2021 00:11

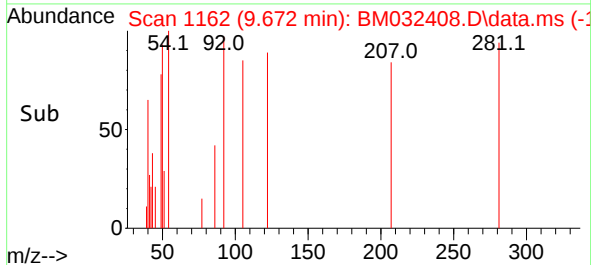
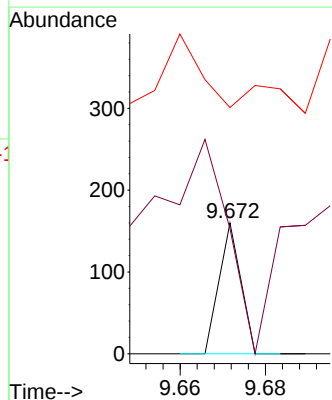
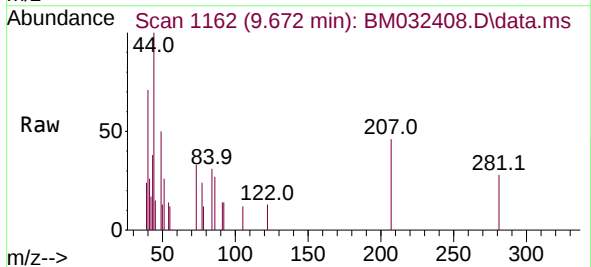
Instrument :
BNA_M
ClientSampleId :
SB-3(1.5-2.0)

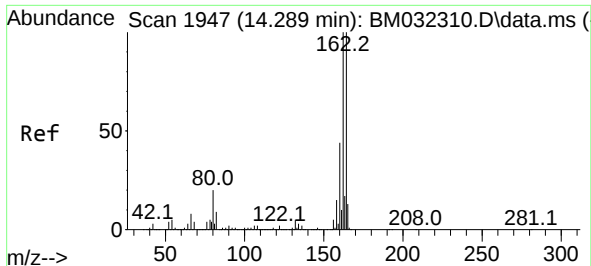
Tgt Ion: 82 Resp: 1768476
Ion Ratio Lower Upper
82 100
128 44.4 29.0 43.6#
54 48.4 45.8 68.8



#32
Benzoic acid
Concen: 4.824 ng
RT: 9.672 min Scan# 1162
Delta R.T. -0.100 min
Lab File: BM032408.D
Acq: 09 Oct 2021 00:11

Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 95.6 120.3 160.3#
77 188.1 100.0 140.0#

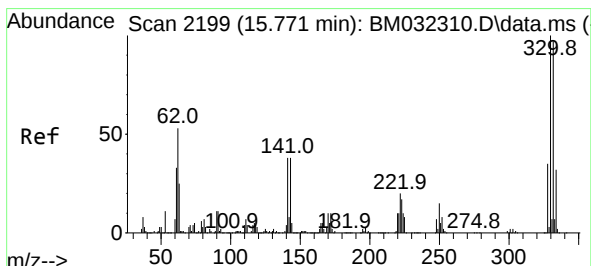
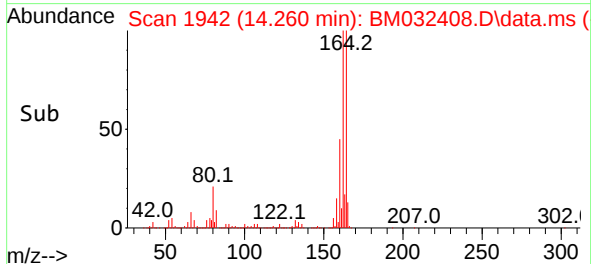
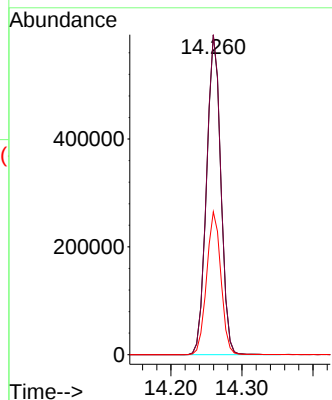
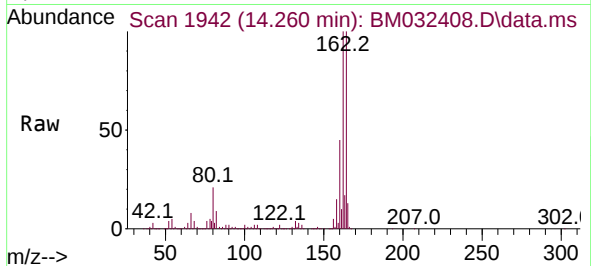




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM032408.D
Acq: 09 Oct 2021 00:11

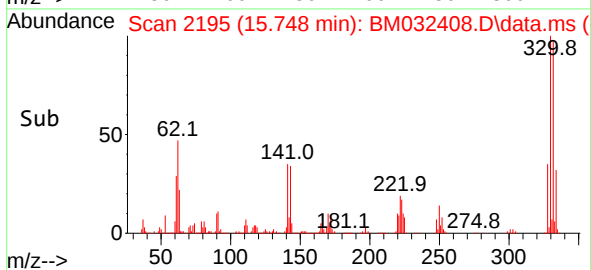
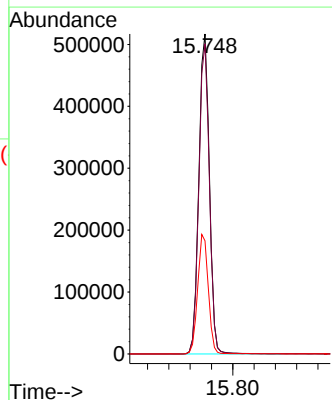
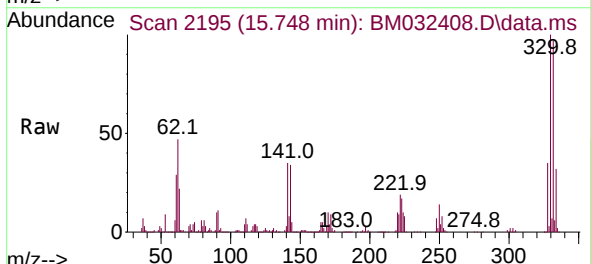
Instrument :
BNA_M
ClientSampleId :
SB-3(1.5-2.0)

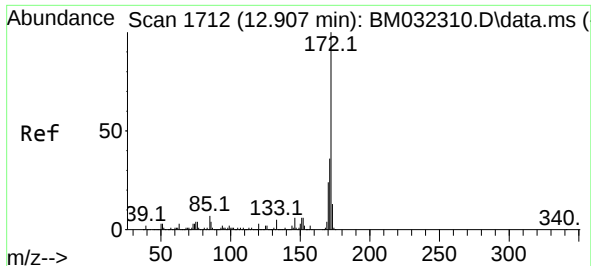
Tgt Ion:164 Resp: 826144
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 44.7 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 77.152 ng
RT: 15.748 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM032408.D
Acq: 09 Oct 2021 00:11

Tgt Ion:330 Resp: 713553
Ion Ratio Lower Upper
330 100
332 96.3 75.7 113.5
141 37.6 50.7 76.1#

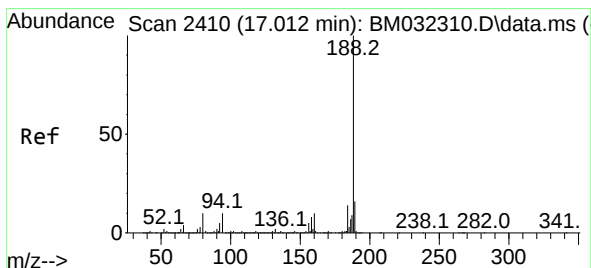
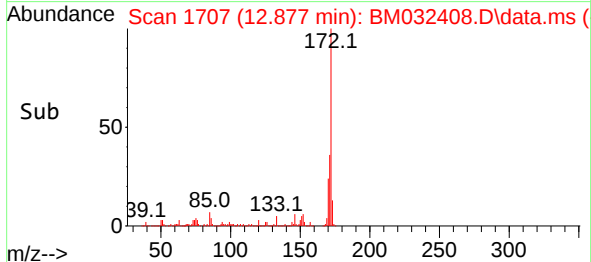
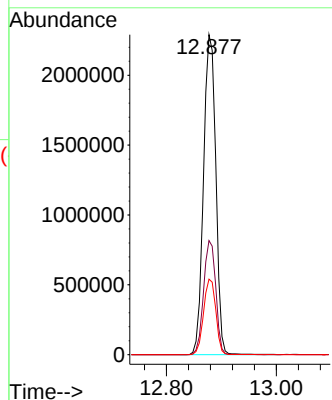
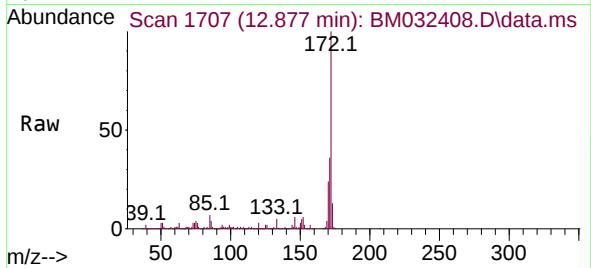




#45
2-Fluorobiphenyl
Concen: 63.991 ng
RT: 12.877 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM032408.D
Acq: 09 Oct 2021 00:11

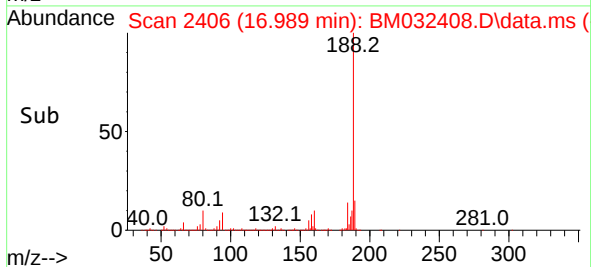
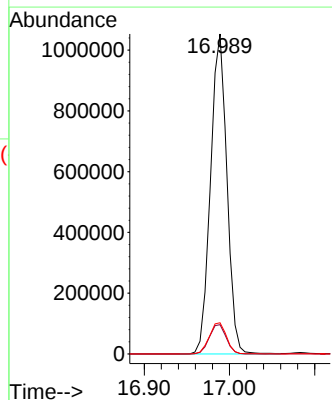
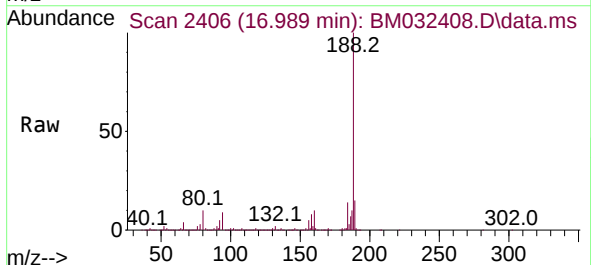
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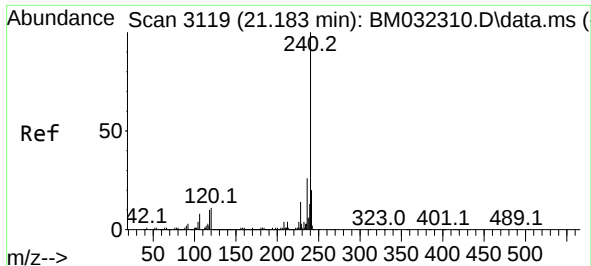
Tgt Ion:172 Resp: 3555572
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.6 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.989 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM032408.D
Acq: 09 Oct 2021 00:11

Tgt Ion:188 Resp: 1406833
Ion Ratio Lower Upper
188 100
94 9.1 6.3 9.5
80 9.7 7.3 10.9

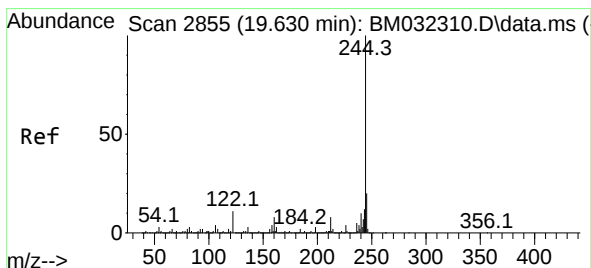
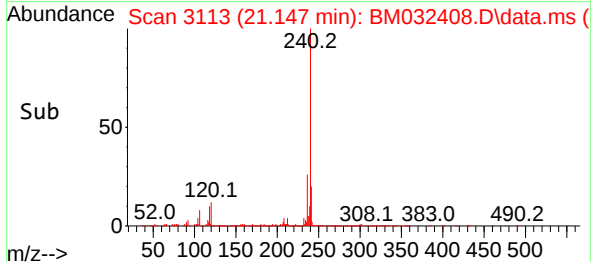
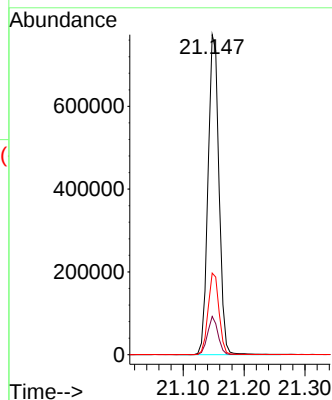
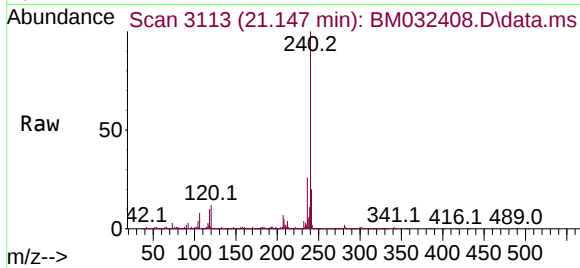




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.147 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BM032408.D
Acq: 09 Oct 2021 00:11

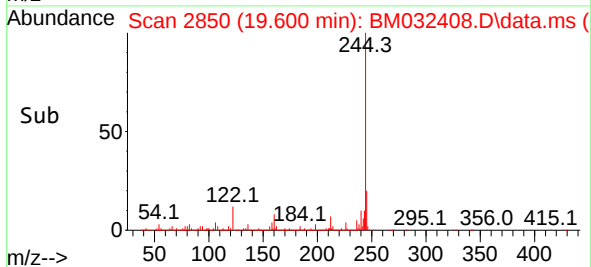
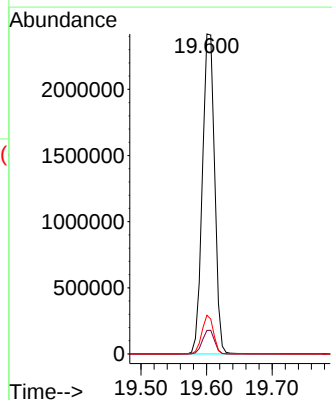
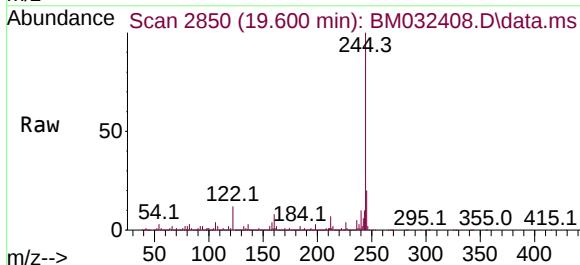
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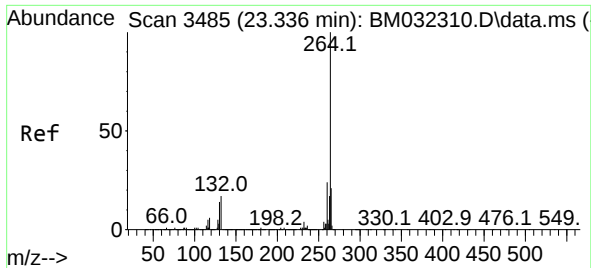
Tgt Ion:240 Resp: 966420
Ion Ratio Lower Upper
240 100
120 12.0 7.8 11.6#
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 68.647 ng
RT: 19.600 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BM032408.D
Acq: 09 Oct 2021 00:11

Tgt Ion:244 Resp: 3150087
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 12.1 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.294 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM032408.D
Acq: 09 Oct 2021 00:11

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:264 Resp: 1013840
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.9 18.3 27.5

