

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090921\
 Data File : BM032109.D
 Acq On : 09 Sep 2021 13:14
 Operator : CG/JU
 Sample : M3644-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 191-0902-W

Quant Time: Sep 09 14:44:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 19:23:17 2021
 Response via : Initial Calibration

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

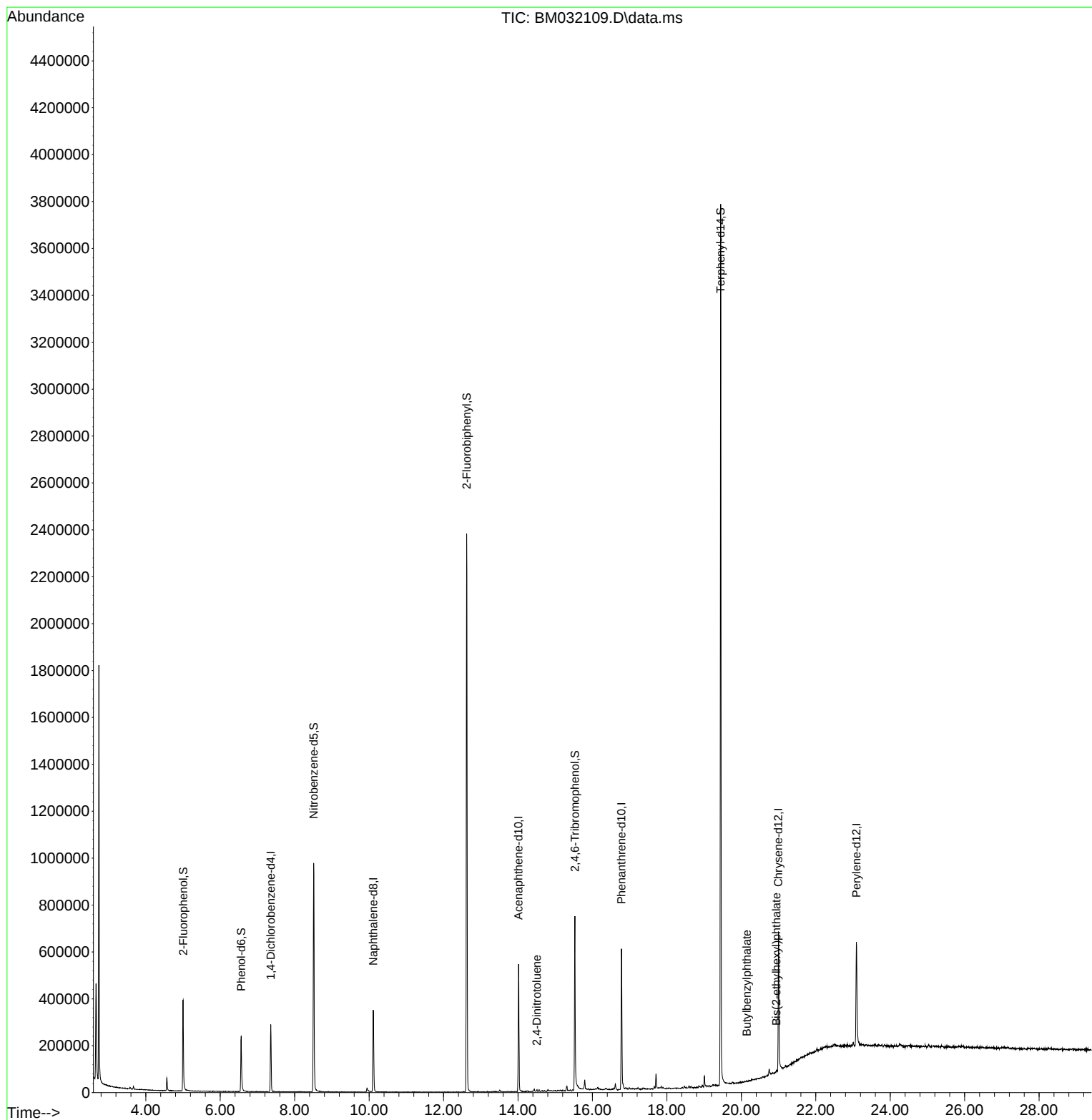
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	63987	20.000	ng	0.00
21) Naphthalene-d8	10.110	136	262451	20.000	ng	# 0.00
39) Acenaphthene-d10	14.015	164	173178	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	339787	20.000	ng	0.00
76) Chrysene-d12	20.997	240	311251	20.000	ng	-0.01
86) Perylene-d12	23.091	264	319264	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	147389	41.102	ng	0.00
7) Phenol-d6	6.563	99	118586	21.738	ng	0.00
23) Nitrobenzene-d5	8.510	82	540153	91.722	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	118648	86.209	ng	0.00
45) 2-Fluorobiphenyl	12.621	172	1134301	85.880	ng	0.00
79) Terphenyl-d14	19.445	244	1635691	85.744	ng	0.00
Target Compounds						
9) Benzaldehyde	6.522	77	124	Below Cal	Qvalue	# 7
57) 2,4-Dinitrotoluene	14.504	165	58	3.827 ng	#	3
80) Butylbenzylphthalate	20.144	149	273	3.735 ng	#	37
84) Bis(2-ethylhexyl)phtha...	20.944	149	1222	2.994 ng	#	92

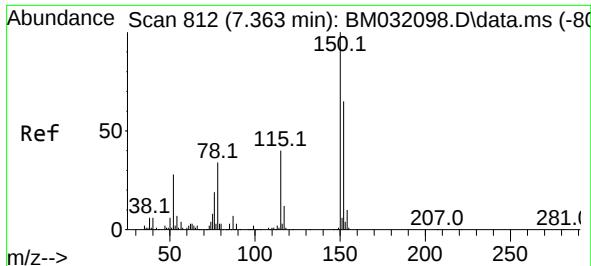
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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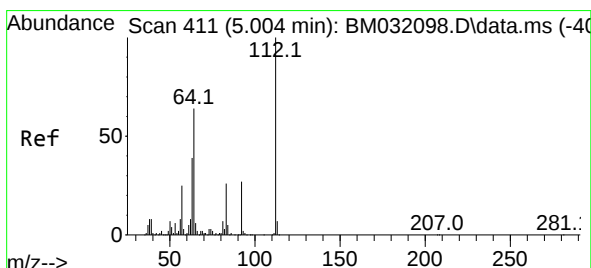
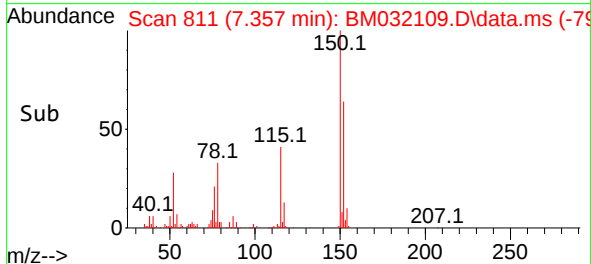
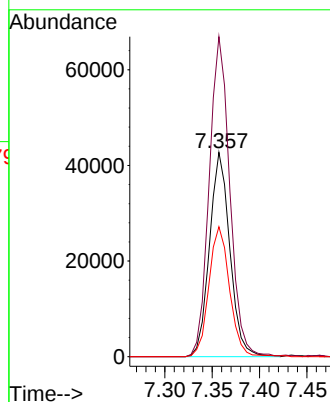
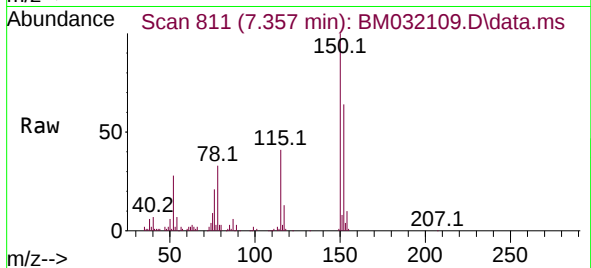




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.357 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

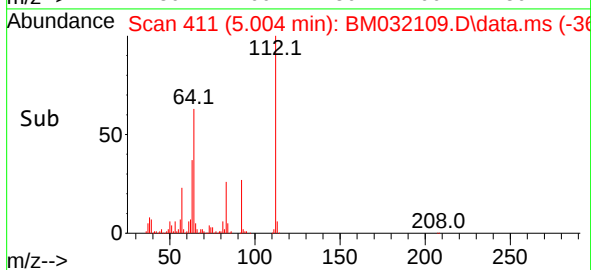
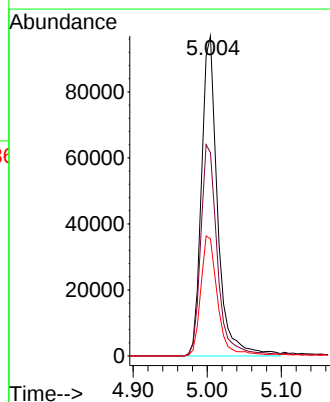
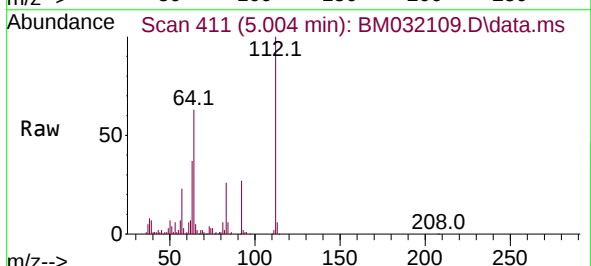
Instrument :
BNA_M
ClientSampleId :
191-0902-W

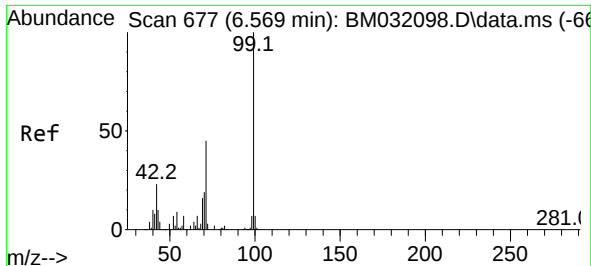
Tgt Ion:152 Resp: 63987
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 63.6 53.8 80.8



#5
2-Fluorophenol
Concen: 41.102 ng
RT: 5.004 min Scan# 411
Delta R.T. -0.000 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

Tgt Ion:112 Resp: 147389
Ion Ratio Lower Upper
112 100
64 63.5 53.7 80.5
63 36.6 33.9 50.9

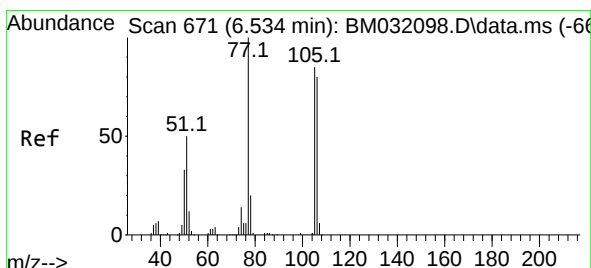
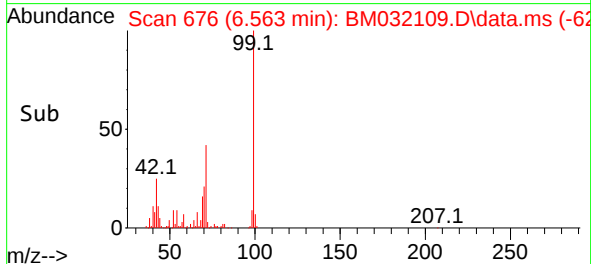
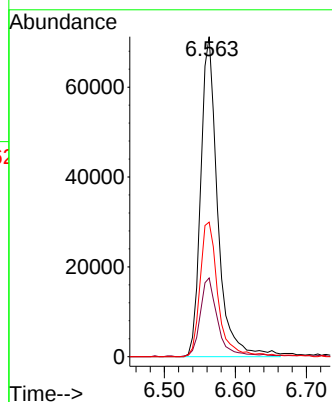
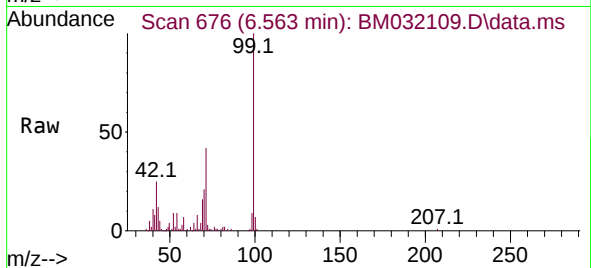




#7
Phenol-d6
Concen: 21.738 ng
RT: 6.563 min Scan# 676
Delta R.T. -0.006 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

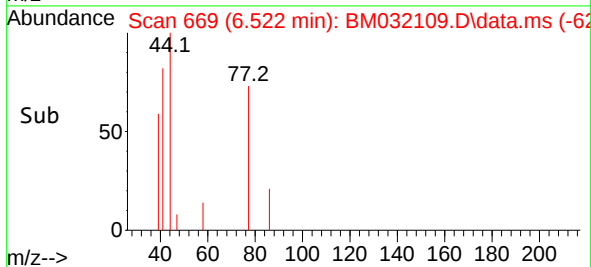
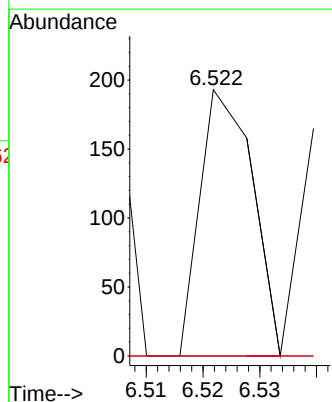
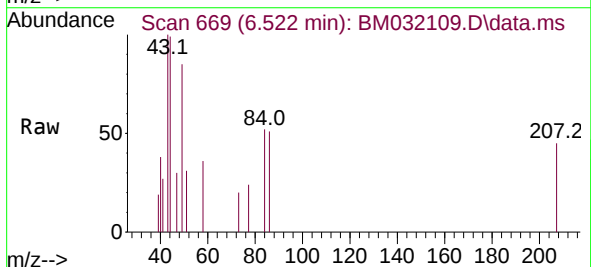
Instrument :
BNA_M
ClientSampleId :
191-0902-W

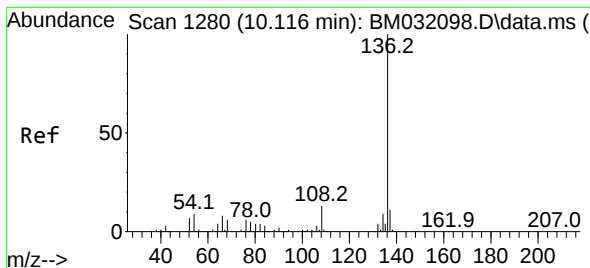
Tgt Ion: 99 Resp: 118586
Ion Ratio Lower Upper
99 100
42 24.6 23.0 34.6
71 42.0 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.522 min Scan# 669
Delta R.T. -0.012 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

Tgt Ion: 77 Resp: 124
Ion Ratio Lower Upper
77 100
105 0.0 68.9 108.9#
106 0.0 61.2 101.2#

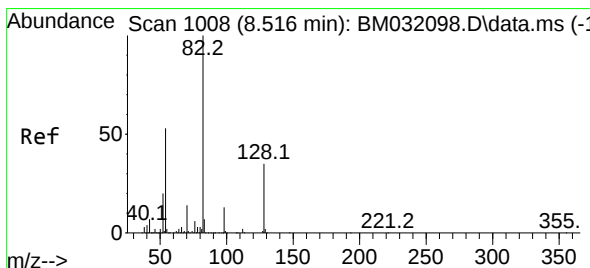
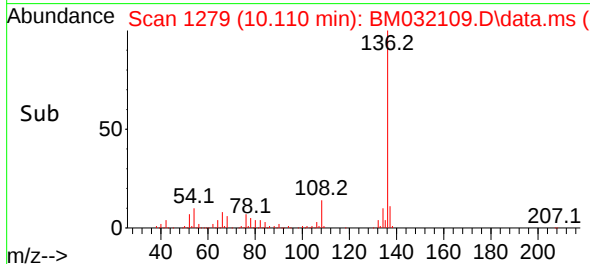
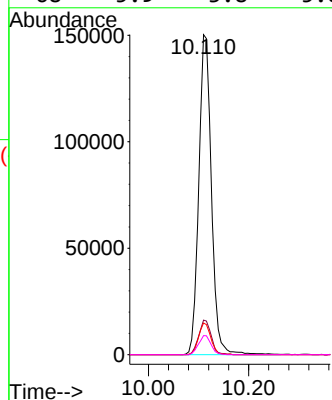
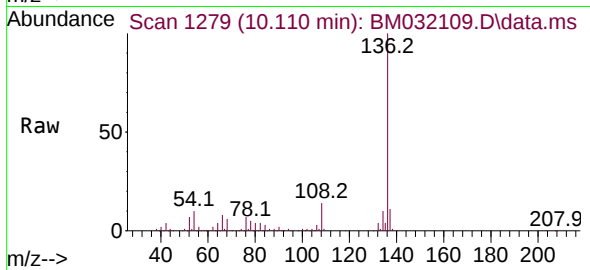




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

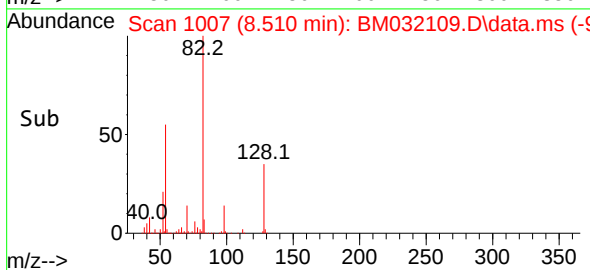
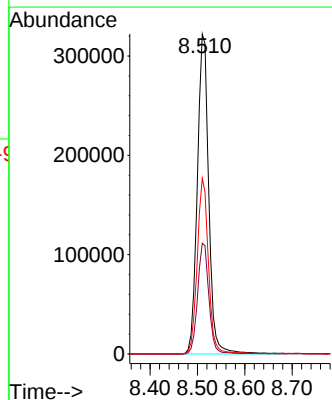
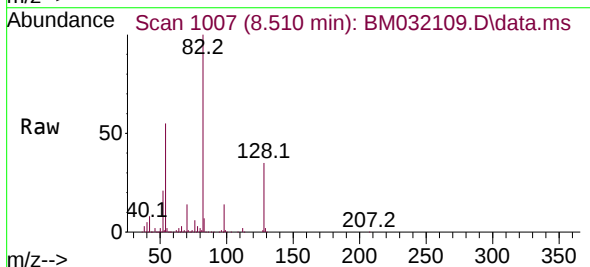
Instrument :
BNA_M
ClientSampleId :
191-0902-W

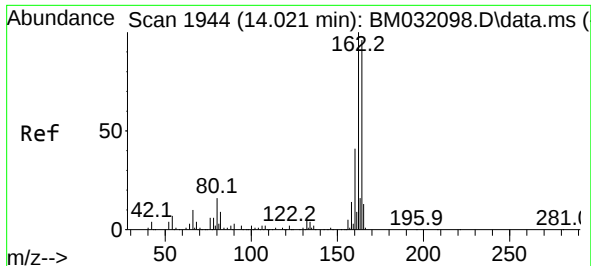
Tgt Ion:136 Resp: 262451
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.9 7.4 11.0
68 5.9 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 91.722 ng
RT: 8.510 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

Tgt Ion: 82 Resp: 540153
Ion Ratio Lower Upper
82 100
128 34.6 29.0 43.6
54 54.9 45.8 68.8

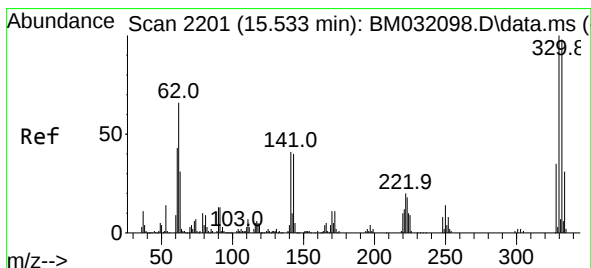
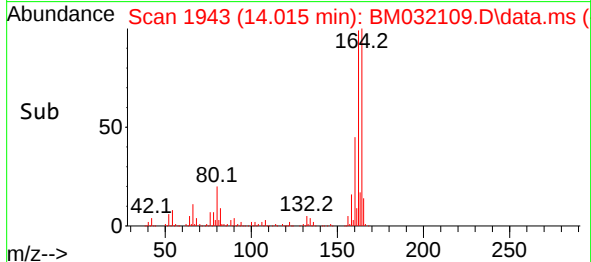
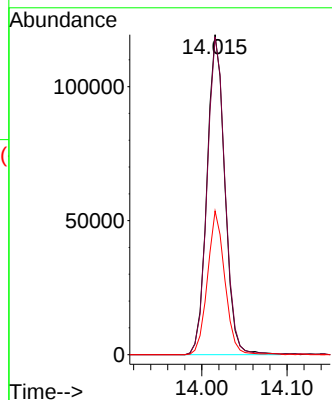
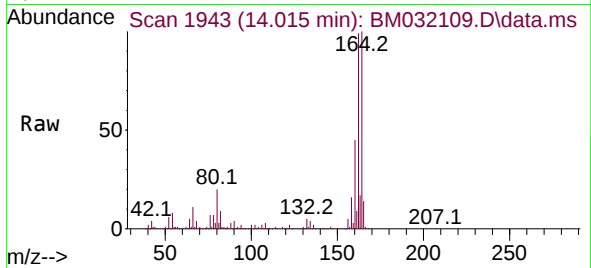




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.015 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

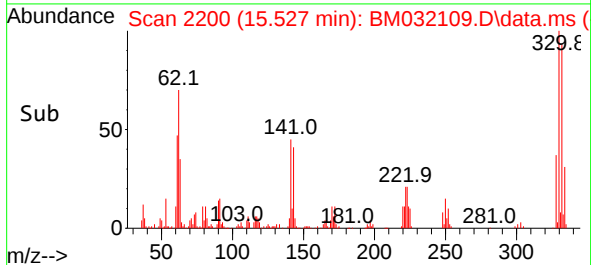
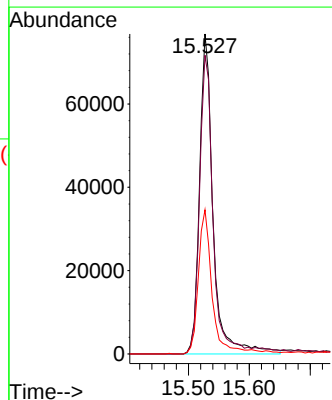
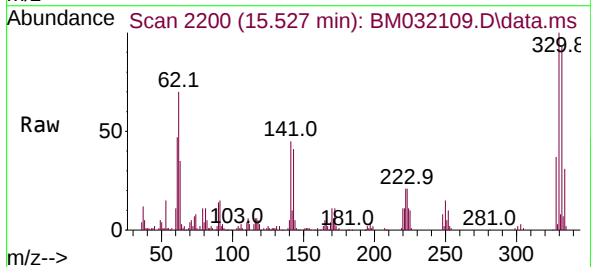
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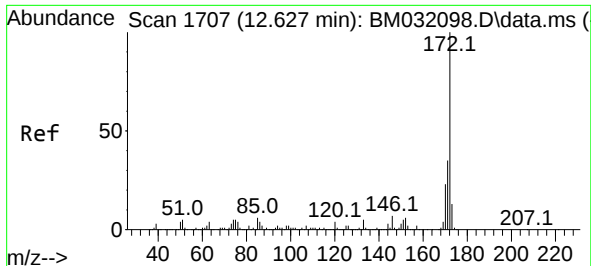
Tgt Ion:164 Resp: 173178
Ion Ratio Lower Upper
164 100
162 99.3 80.6 121.0
160 44.9 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 86.209 ng
RT: 15.527 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

Tgt Ion:330 Resp: 118648
Ion Ratio Lower Upper
330 100
332 92.2 75.7 113.5
141 45.8 50.7 76.1#

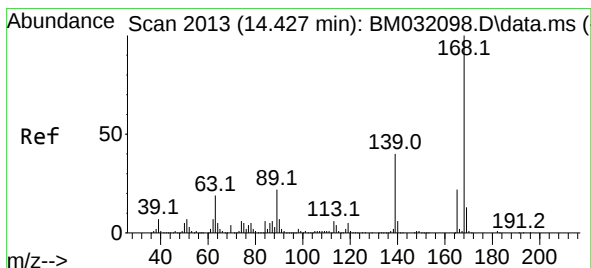
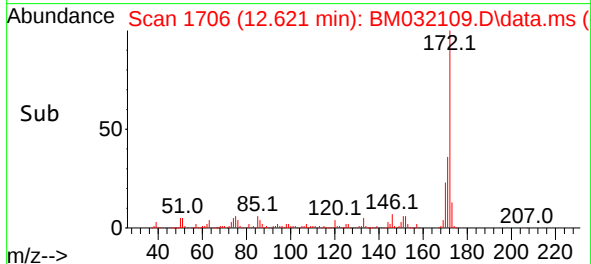
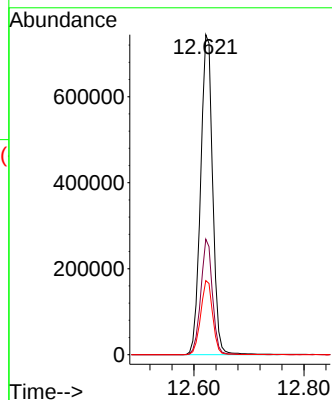
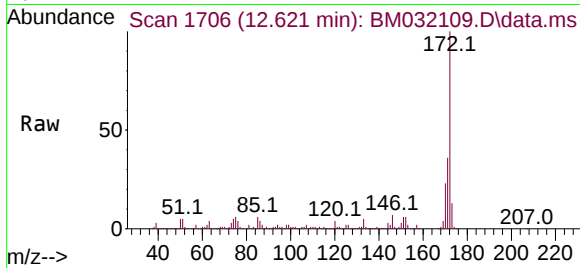




#45
2-Fluorobiphenyl
Concen: 85.880 ng
RT: 12.621 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

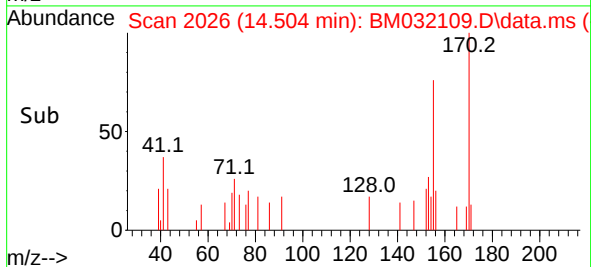
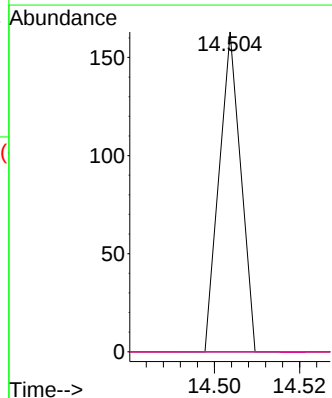
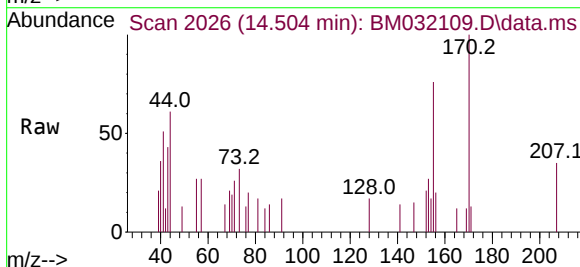
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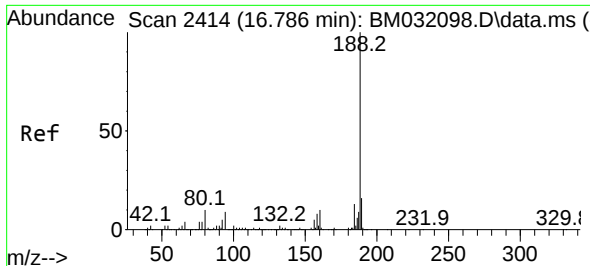
Tgt Ion:172 Resp: 1134301
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 23.2 18.6 27.8



#57
2,4-Dinitrotoluene
Concen: 3.827 ng
RT: 14.504 min Scan# 2026
Delta R.T. 0.077 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

Tgt Ion:165 Resp: 58
Ion Ratio Lower Upper
165 100
63 0.0 70.3 105.5#
89 0.0 83.1 124.7#
182 0.0 2.2 3.4#

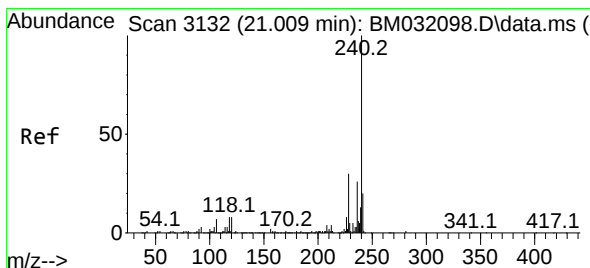
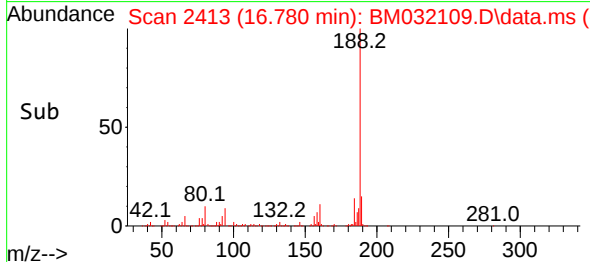
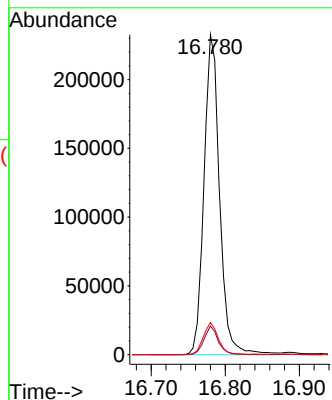
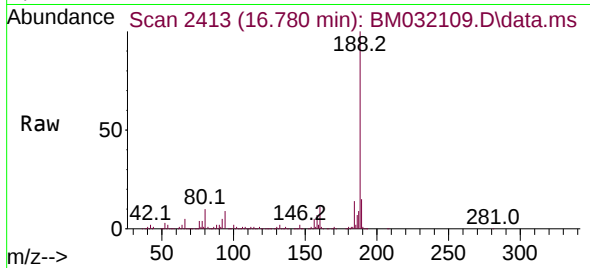




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

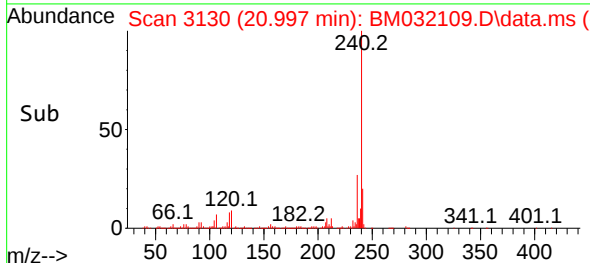
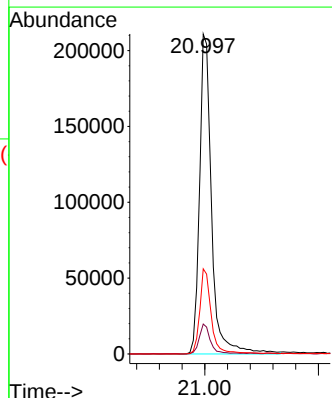
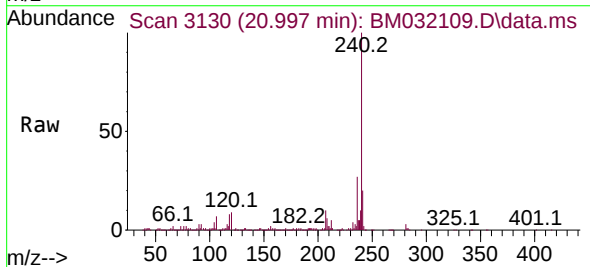
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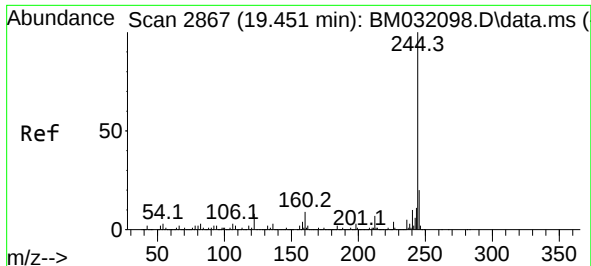
Tgt Ion:188 Resp: 339787
Ion Ratio Lower Upper
188 100
94 9.0 6.3 9.5
80 10.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.997 min Scan# 3130
Delta R.T. -0.012 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

Tgt Ion:240 Resp: 311251
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 26.6 20.9 31.3

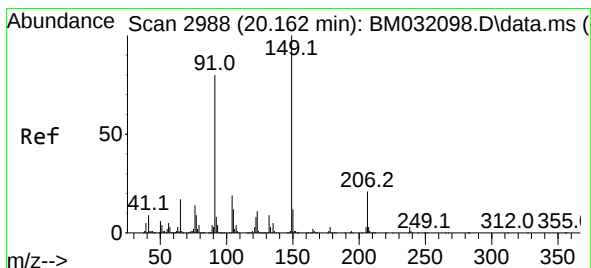
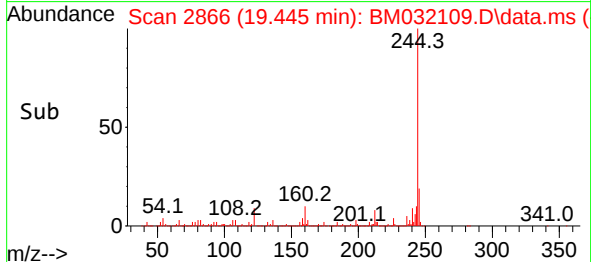
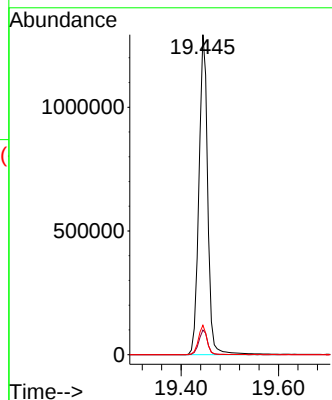
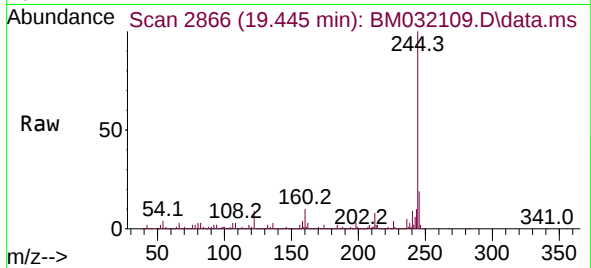




#79
 Terphenyl-d14
 Concen: 85.744 ng
 RT: 19.445 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BM032109.D
 Acq: 09 Sep 2021 13:14

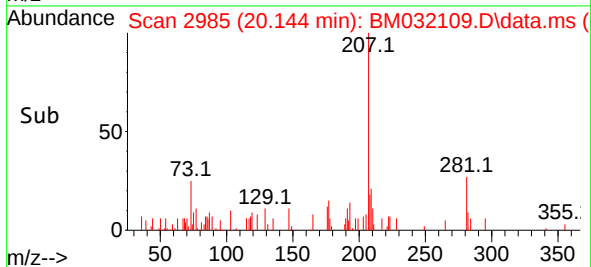
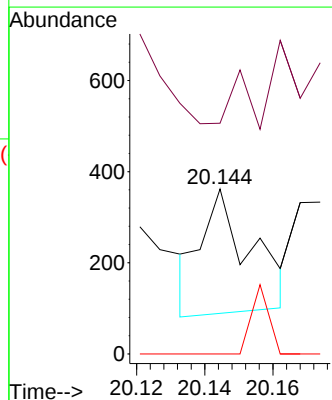
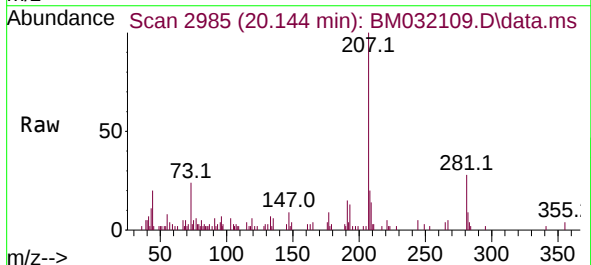
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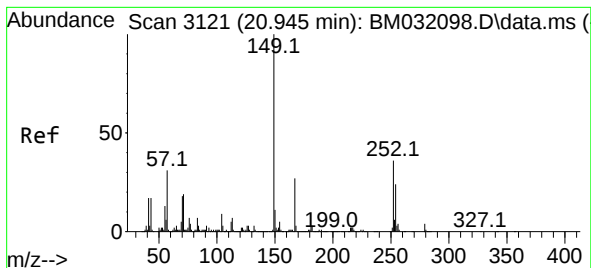
Tgt Ion:244 Resp: 1635691
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.2 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 3.735 ng
 RT: 20.144 min Scan# 2985
 Delta R.T. -0.018 min
 Lab File: BM032109.D
 Acq: 09 Sep 2021 13:14

Tgt Ion:149 Resp: 273
 Ion Ratio Lower Upper
 149 100
 91 139.8 64.0 96.0#
 206 0.0 14.4 21.6#

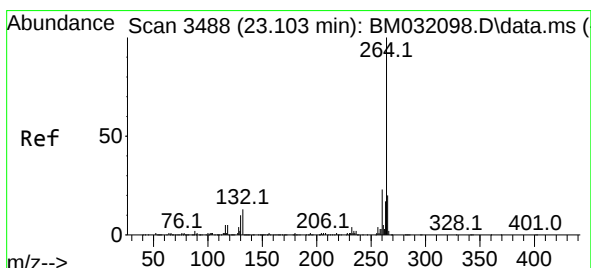
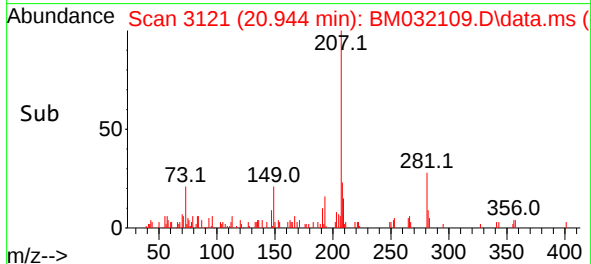
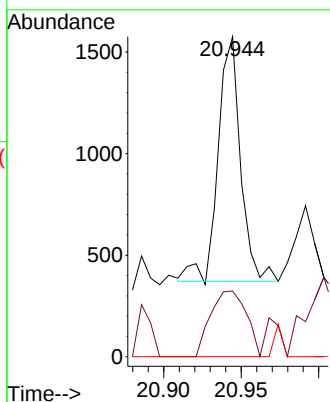
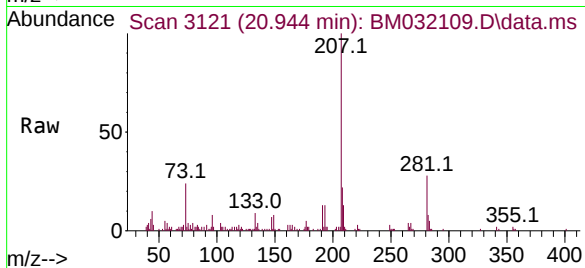




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.994 ng
RT: 20.944 min Scan# 3121
Delta R.T. -0.001 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

Instrument :
BNA_M
ClientSampleId :
191-0902-W

Tgt Ion:149 Resp: 1222
Ion Ratio Lower Upper
149 100
167 20.5 19.7 29.5
279 0.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.091 min Scan# 3486
Delta R.T. -0.012 min
Lab File: BM032109.D
Acq: 09 Sep 2021 13:14

Tgt Ion:264 Resp: 319264
Ion Ratio Lower Upper
264 100
260 22.7 19.3 28.9
265 22.5 18.3 27.5

