

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122021\
 Data File : BM033545.D
 Acq On : 20 Dec 2021 18:08
 Operator : CG/JU
 Sample : M5079-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 21 04:00:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 21 03:57:10 2021
 Response via : Initial Calibration

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

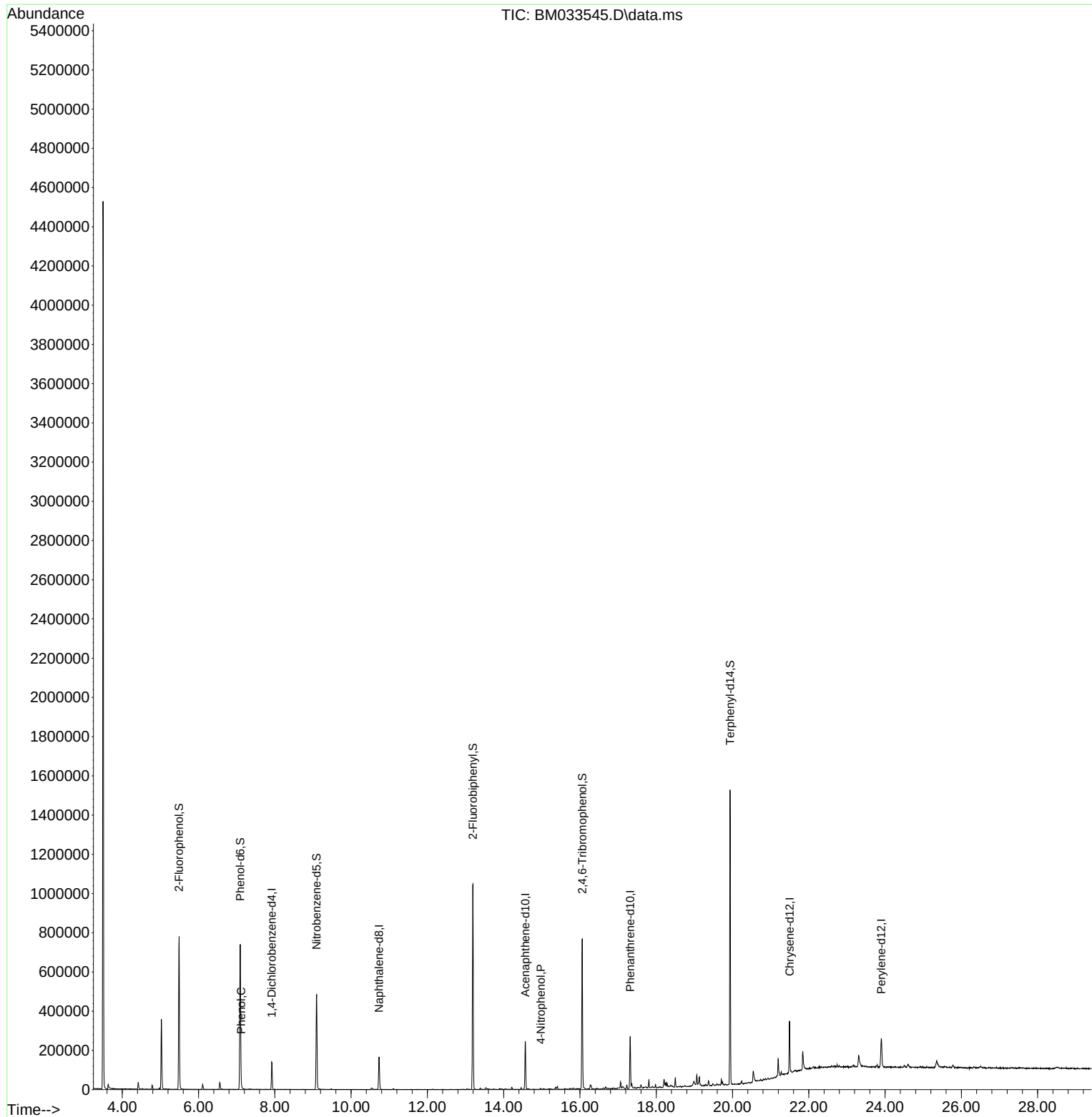
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	29823	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	119554	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	77012	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	148791	20.000	ng	# 0.00
76) Chrysene-d12	21.495	240	118887	20.000	ng	0.00
86) Perylene-d12	23.900	264	104598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	248048	143.519	ng	0.00
7) Phenol-d6	7.090	99	325574	140.369	ng	0.00
23) Nitrobenzene-d5	9.095	82	257403	92.446	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	97524	112.575	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	486459	87.379	ng	0.00
79) Terphenyl-d14	19.936	244	614835	81.418	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.496	88	64	Below Cal	#	1
9) Benzaldehyde	7.096	77	988	Below Cal	#	7
10) Phenol	7.119	94	5691	2.429	ng	# 52
56) 4-Nitrophenol	14.971	139	414	4.476	ng	# 1

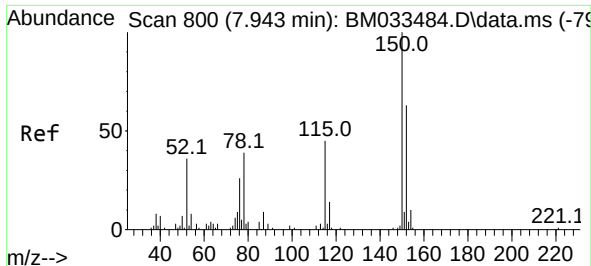
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
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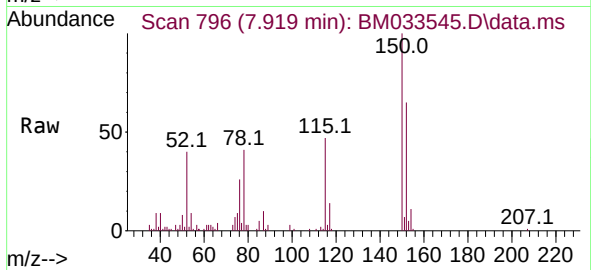
Quant Time: Dec 21 04:00:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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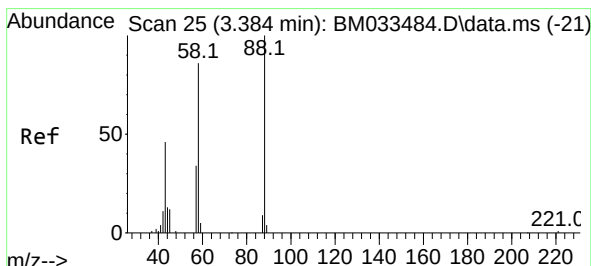
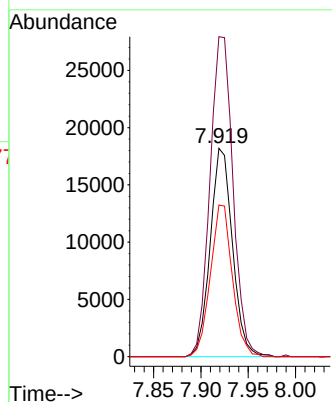
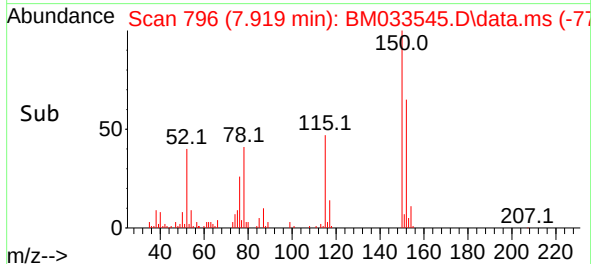


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08

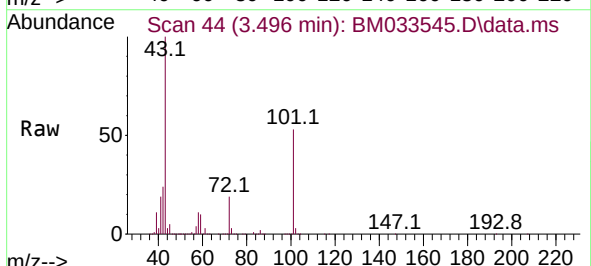
Instrument :
BNA_M
ClientSampleId :



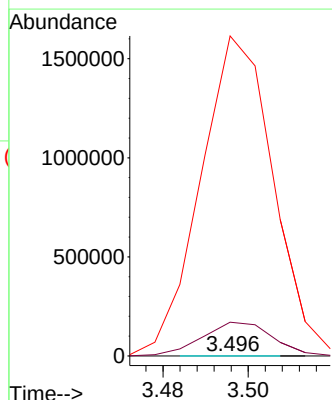
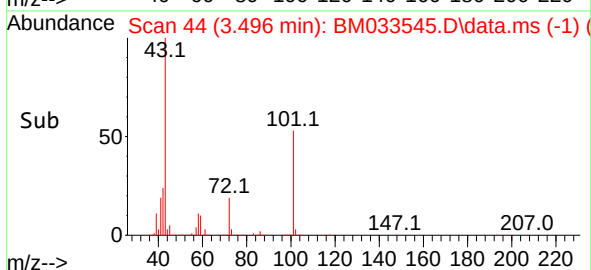
Tgt Ion:152 Resp: 29823
Ion Ratio Lower Upper
152 100
150 153.6 128.9 193.3
115 72.8 53.0 79.6

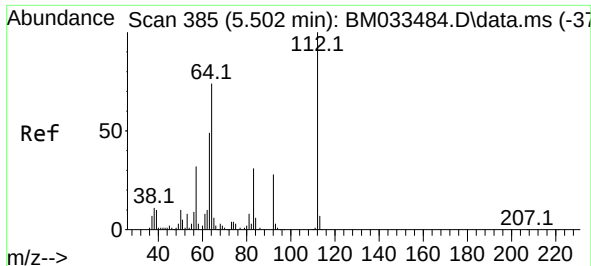


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.496 min Scan# 44
Delta R.T. 0.129 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08



Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
58 312582.8 67.0 100.4#
43 3005746.9 31.6 47.4#

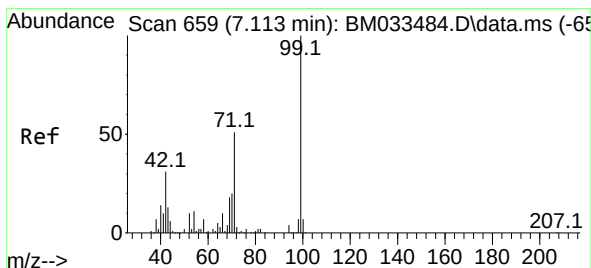
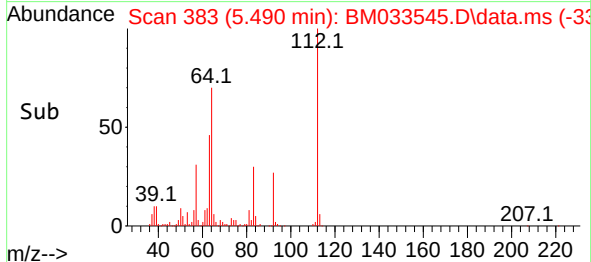
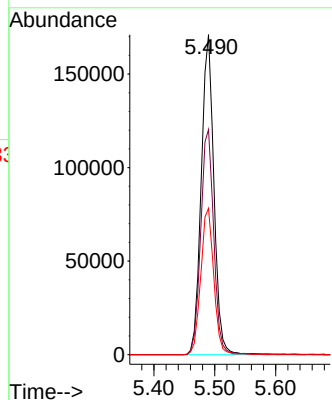
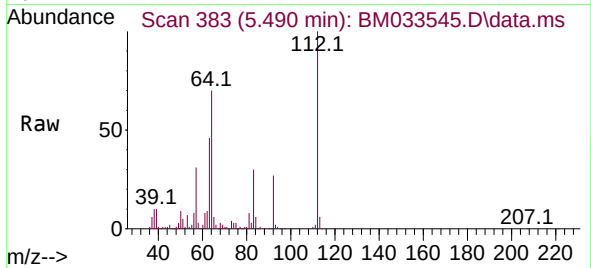




#5
2-Fluorophenol
Concen: 143.519 ng
RT: 5.490 min Scan# 385
Delta R.T. 0.006 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08

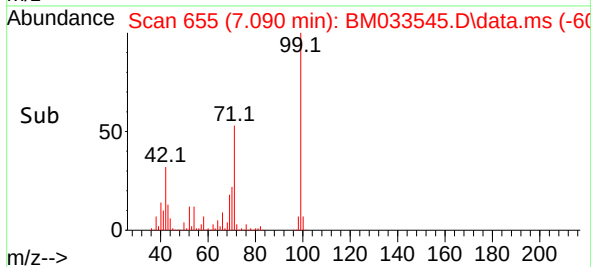
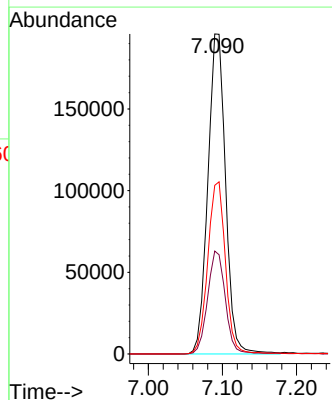
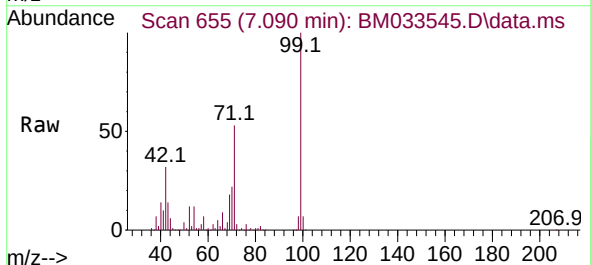
Instrument :
BNA_M
ClientSampleId :

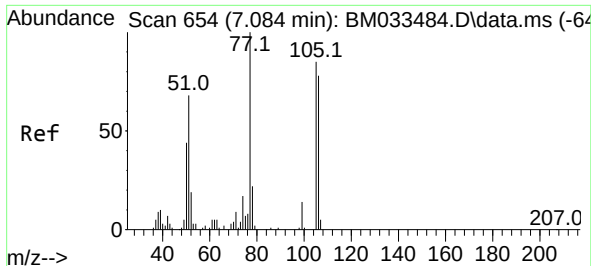
Tgt Ion:112 Resp: 248048
Ion Ratio Lower Upper
112 100
64 70.3 55.5 83.3
63 45.7 31.3 46.9



#7
Phenol-d6
Concen: 140.369 ng
RT: 7.090 min Scan# 655
Delta R.T. -0.000 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08

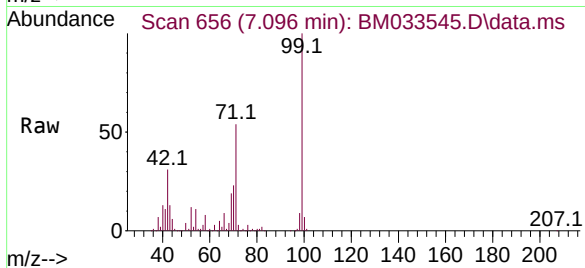
Tgt Ion: 99 Resp: 325574
Ion Ratio Lower Upper
99 100
42 32.1 20.3 30.5#
71 52.7 34.5 51.7#



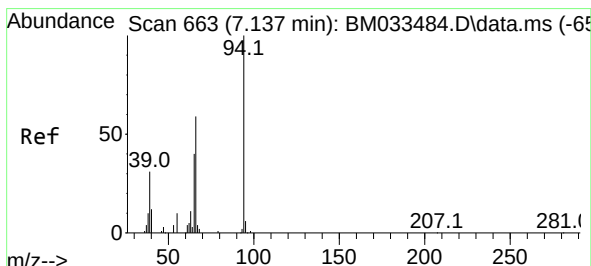
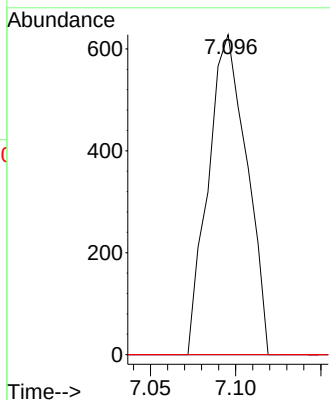
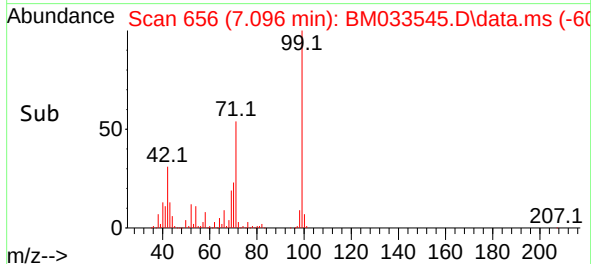


#9
Benzaldehyde
Concen: Below Cal
RT: 7.096 min Scan# 61
Delta R.T. 0.029 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08

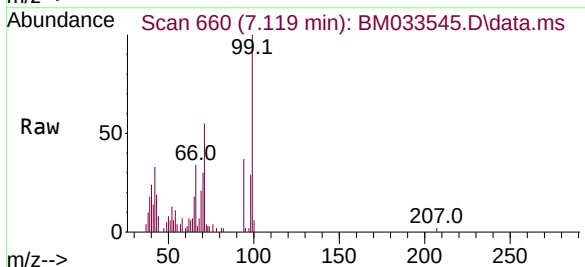
Instrument :
BNA_M
ClientSampleId :



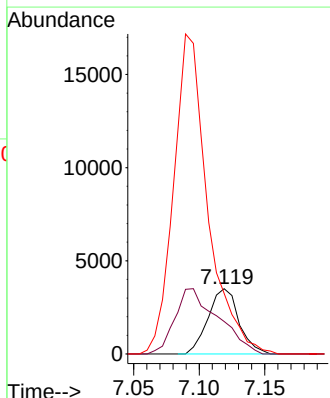
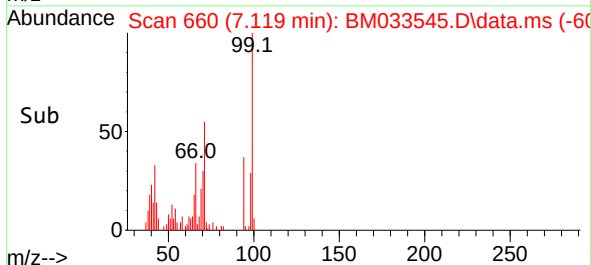
Tgt Ion: 77 Resp: 988
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

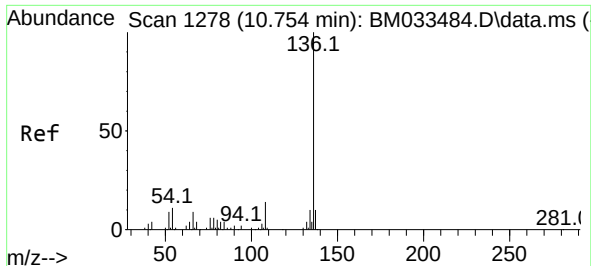


#10
Phenol
Concen: 2.429 ng
RT: 7.119 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08



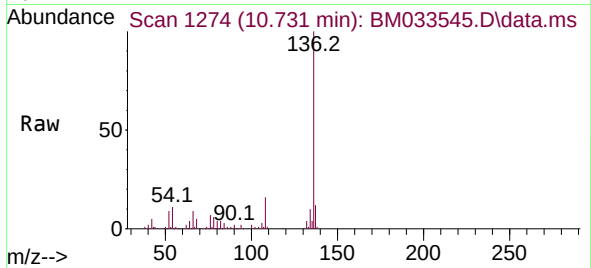
Tgt Ion: 94 Resp: 5691
Ion Ratio Lower Upper
94 100
65 49.9 15.5 55.5
66 93.0 28.5 68.5#



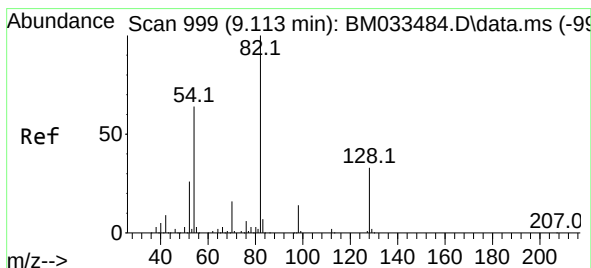
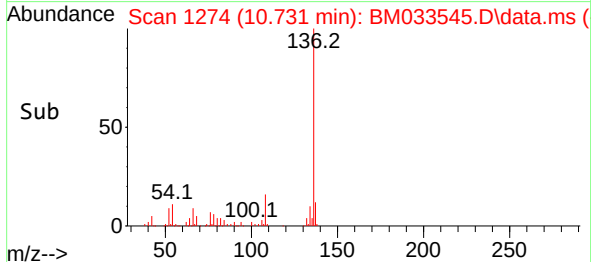
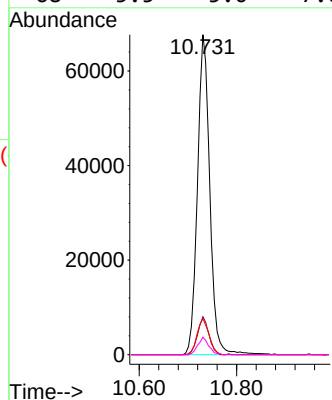


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08

Instrument :
BNA_M
ClientSampleId :

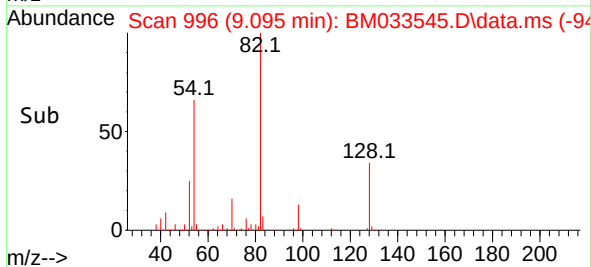
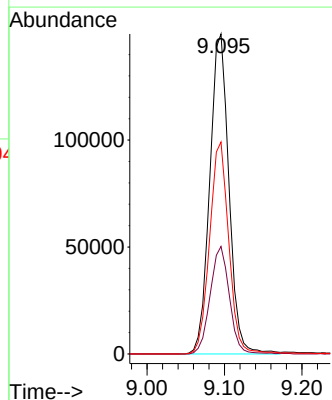
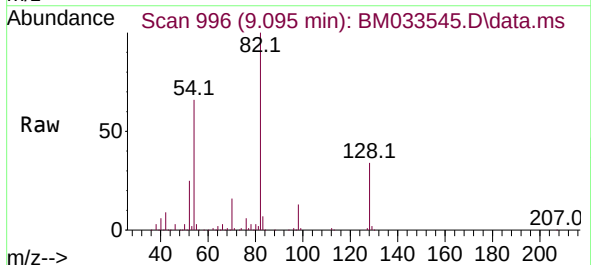


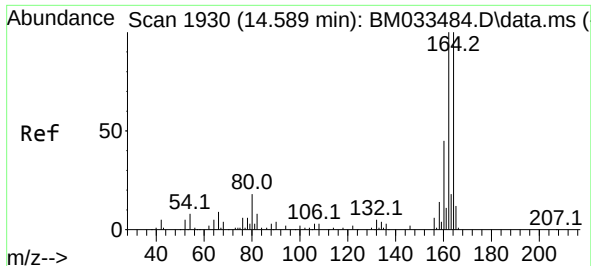
Tgt Ion:136 Resp: 119554
Ion Ratio Lower Upper
136 100
137 11.9 8.6 13.0
54 11.2 8.3 12.5
68 5.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 92.446 ng
RT: 9.095 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08

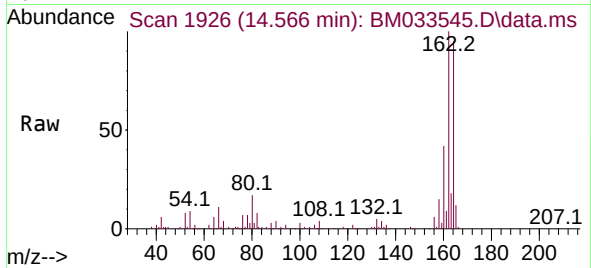
Tgt Ion: 82 Resp: 257403
Ion Ratio Lower Upper
82 100
128 33.6 28.1 42.1
54 66.3 46.1 69.1



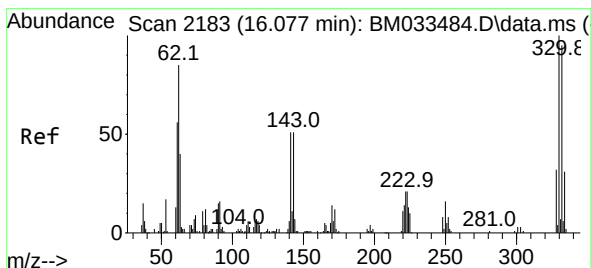
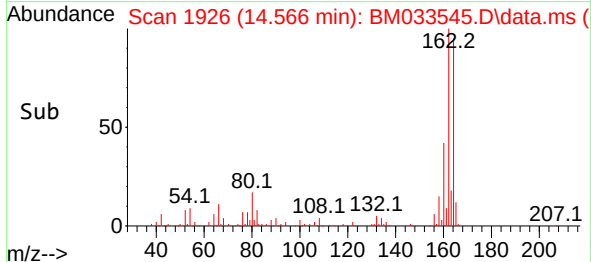
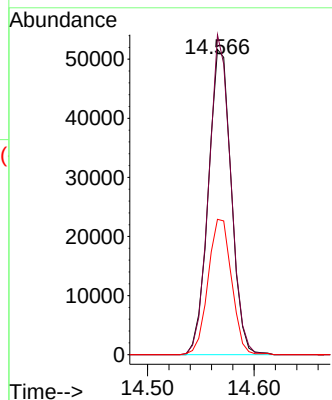


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08

Instrument :
BNA_M
ClientSampleId :

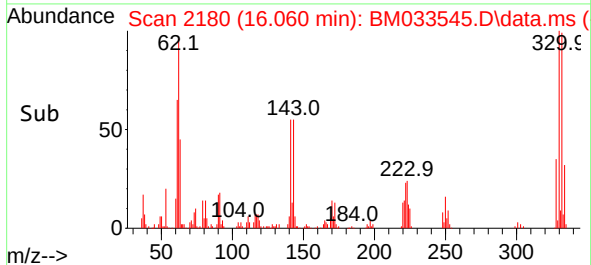
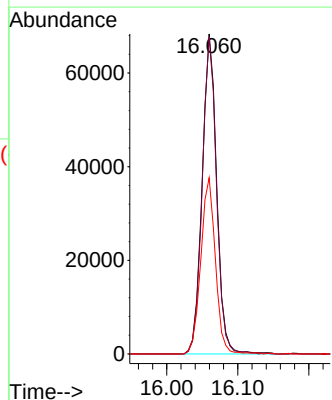
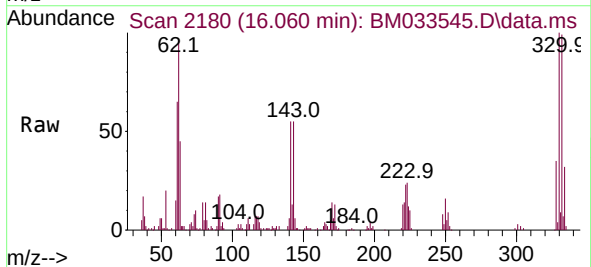


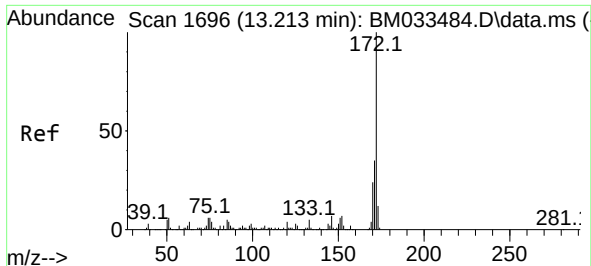
Tgt Ion:164 Resp: 77012
Ion Ratio Lower Upper
164 100
162 104.8 79.7 119.5
160 44.3 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 112.575 ng
RT: 16.060 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08

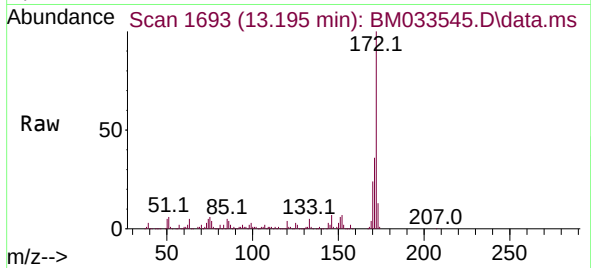
Tgt Ion:330 Resp: 97524
Ion Ratio Lower Upper
330 100
332 97.4 76.5 114.7
141 55.3 35.9 53.9#



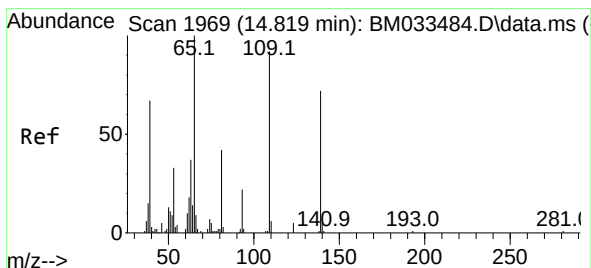
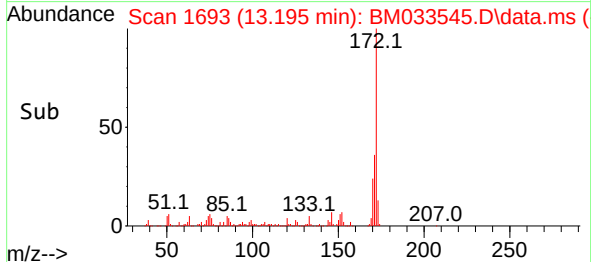
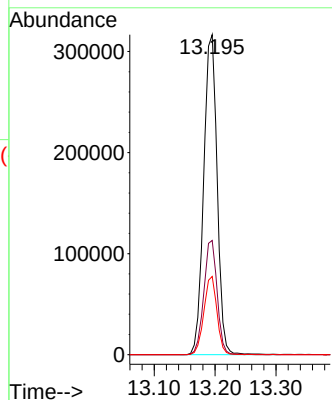


#45
2-Fluorobiphenyl
Concen: 87.379 ng
RT: 13.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08

Instrument :
BNA_M
ClientSampleId :

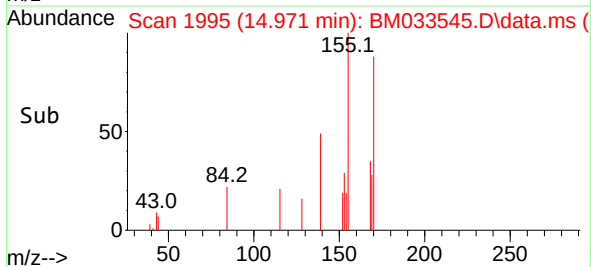
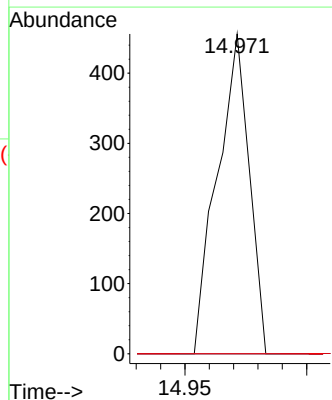
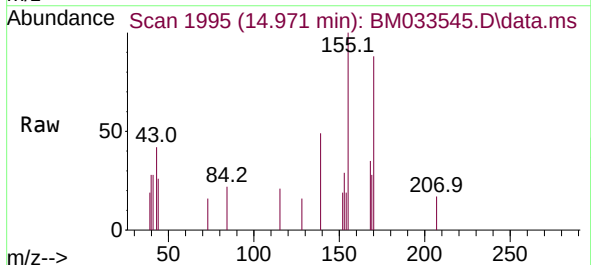


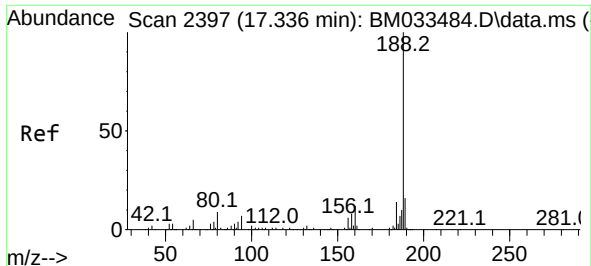
Tgt Ion:172 Resp: 486459
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 24.4 18.7 28.1



#56
4-Nitrophenol
Concen: 4.476 ng
RT: 14.971 min Scan# 1995
Delta R.T. 0.170 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08

Tgt Ion:139 Resp: 414
Ion Ratio Lower Upper
139 100
109 0.0 75.3 115.3#
65 0.0 107.4 147.4#

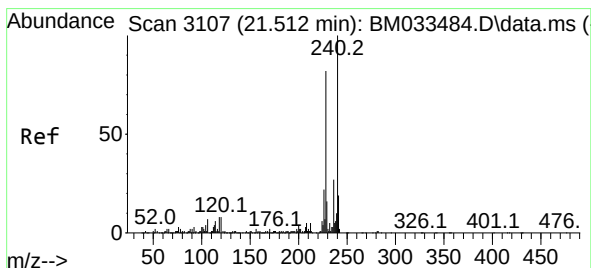
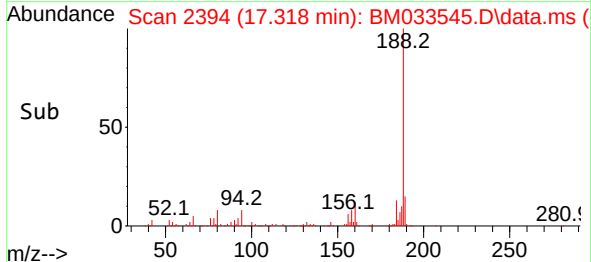
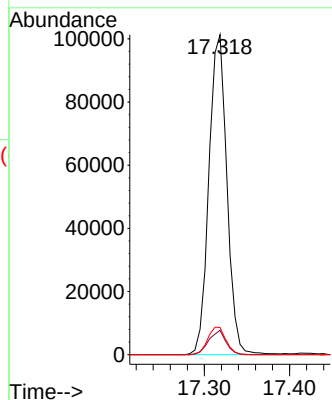
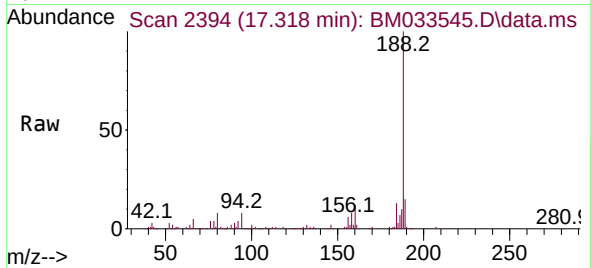




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08

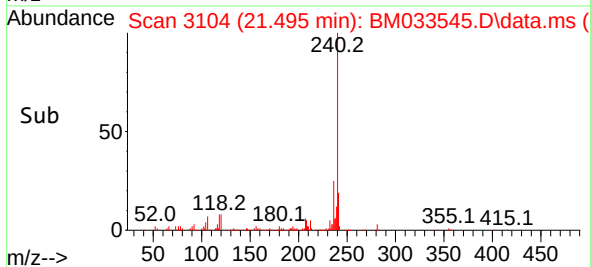
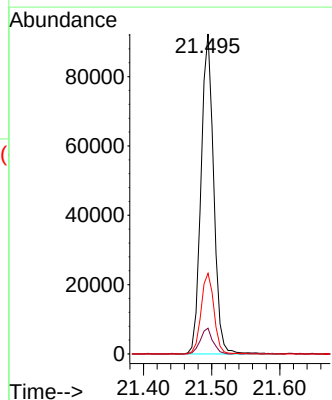
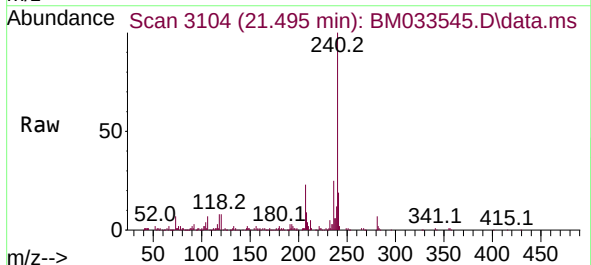
Instrument :
BNA_M
ClientSampleId :

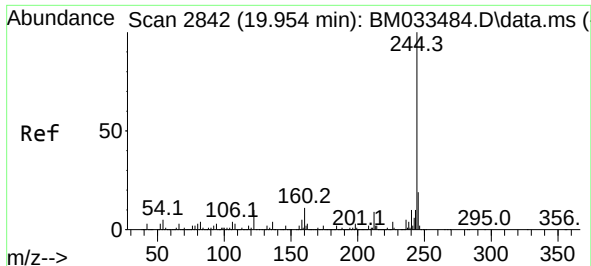
Tgt Ion:188 Resp: 148791
Ion Ratio Lower Upper
188 100
94 7.6 7.5 11.3
80 8.5 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM033545.D
Acq: 20 Dec 2021 18:08

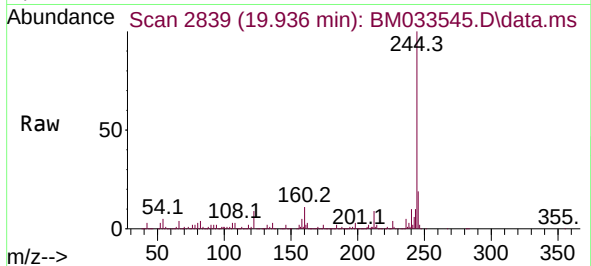
Tgt Ion:240 Resp: 118887
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 25.2 20.3 30.5



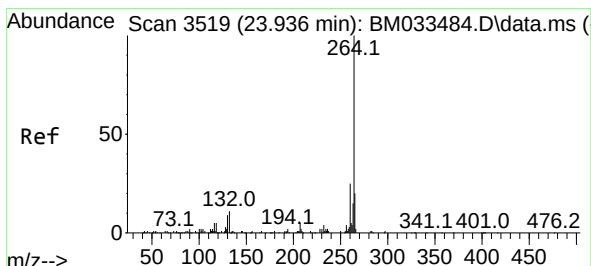
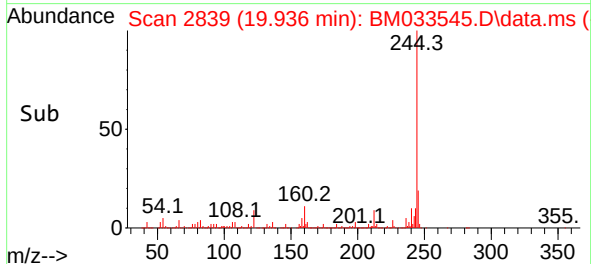
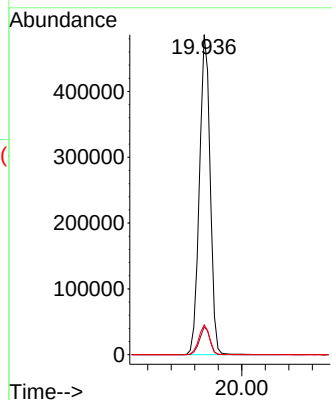


#79
 Terphenyl-d14
 Concen: 81.418 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033545.D
 Acq: 20 Dec 2021 18:08

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 614835
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.9 8.9
 122 9.4 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.900 min Scan# 3513
 Delta R.T. -0.000 min
 Lab File: BM033545.D
 Acq: 20 Dec 2021 18:08

Tgt Ion:264 Resp: 104598
 Ion Ratio Lower Upper
 264 100
 260 24.7 17.7 26.5
 265 21.5 17.7 26.5

