

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050824\
 Data File : BM045714.D
 Acq On : 08 May 2024 15:58
 Operator : MA/JU
 Sample : PB160503BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB160503BL

Quant Time: May 08 16:50:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM050824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 08 16:45:57 2024
 Response via : Initial Calibration

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

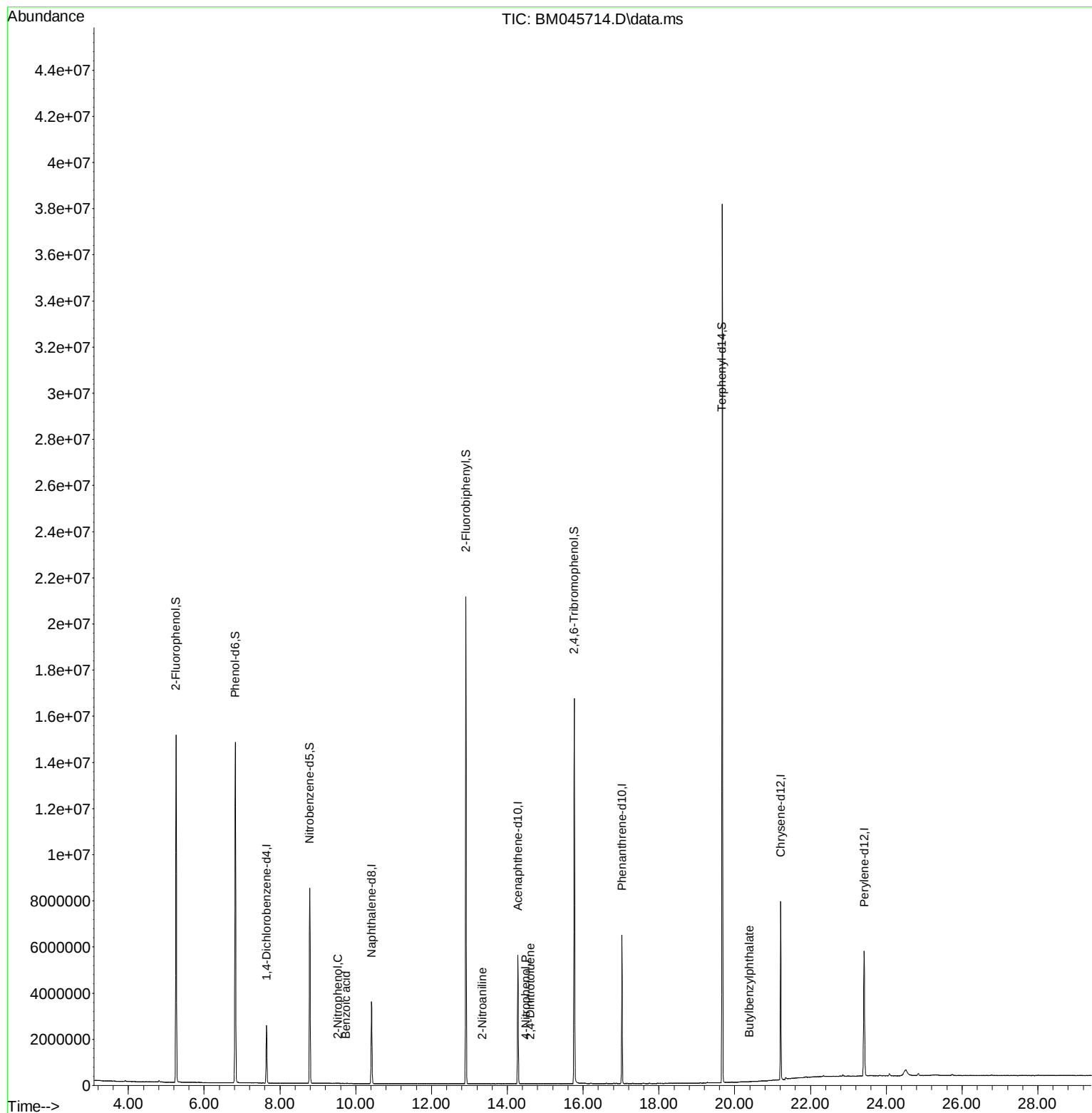
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	618583	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	2762512	20.000	ng	0.00
39) Acenaphthene-d10	14.280	164	1757775	20.000	ng	0.00
64) Phenanthrene-d10	17.027	188	3654954	20.000	ng	0.00
76) Chrysene-d12	21.215	240	3125427	20.000	ng	0.00
86) Perylene-d12	23.415	264	3447692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	6066177	163.068	ng	0.00
7) Phenol-d6	6.822	99	7778581	154.214	ng	0.00
23) Nitrobenzene-d5	8.787	82	4613589	95.611	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	2601764	151.100	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	10292844	95.290	ng	0.00
79) Terphenyl-d14	19.668	244	13150324	99.876	ng	0.00
Target Compounds						
9) Benzaldehyde	6.757	77	751	Below Cal	#	63
26) 2-Nitrophenol	9.528	139	61	4.834	ng	# 1
32) Benzoic acid	9.739	122	139	2.354	ng	# 1
48) 2-Nitroaniline	13.345	65	333	3.722	ng	# 34
56) 4-Nitrophenol	14.492	139	59	3.691	ng	# 47
57) 2,4-Dinitrotoluene	14.610	165	202	3.737	ng	# 19
80) Butylbenzylphthalate	20.392	149	562	3.794	ng	# 71

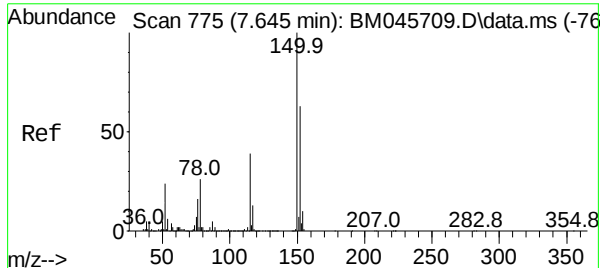
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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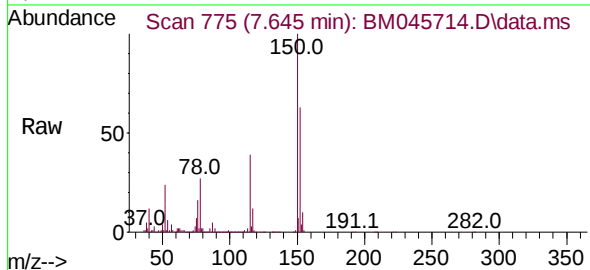
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.645 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: BM045714.D
 Acq: 08 May 2024 15:58

Instrument :

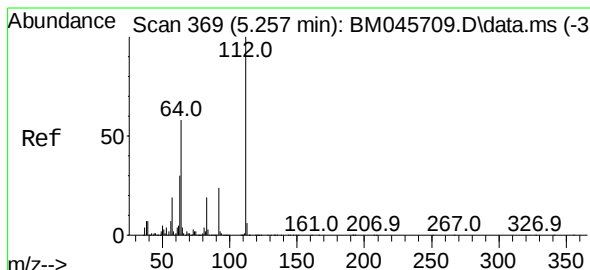
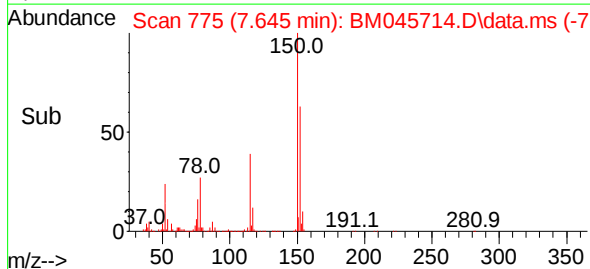
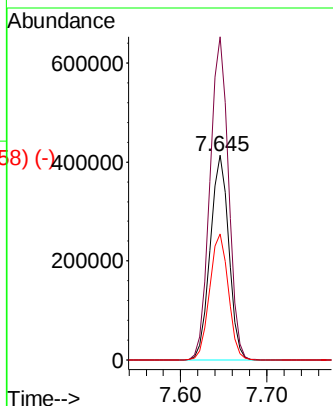
BNA_M

ClientSampleId :

PB160503BL

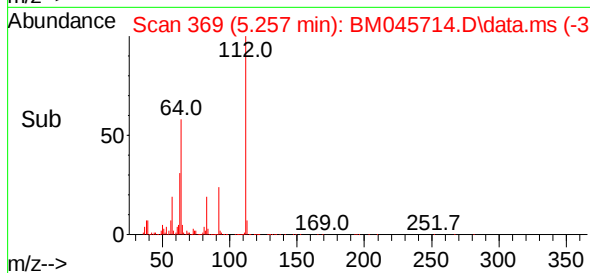
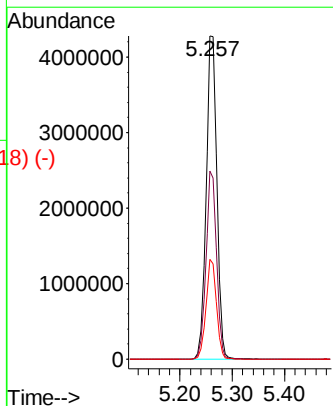
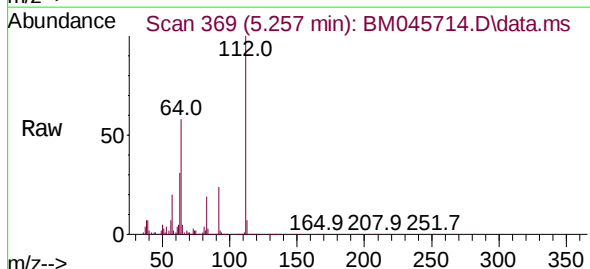


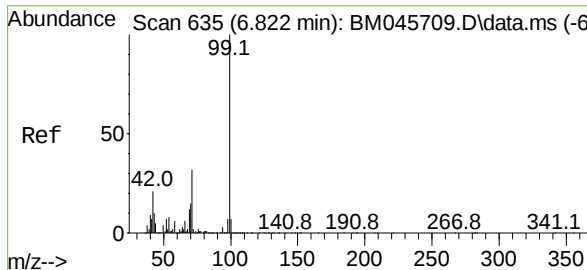
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	61.5	48.9	73.3



2-Fluorophenol
 Concen: 163.068 ng
 RT: 5.257 min Scan# 369
 Delta R.T. 0.000 min
 Lab File: BM045714.D
 Acq: 08 May 2024 15:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.3	69.5
63	30.9	24.1	36.1





Phenol-d6

Concen: 154.214 ng

RT: 6.822 min Scan#

Delta R.T. 0.000 min

Lab File: BM045714.D

Acq: 08 May 2024 15:58

Instrument :

BNA_M

ClientSampleId :

PB160503BL

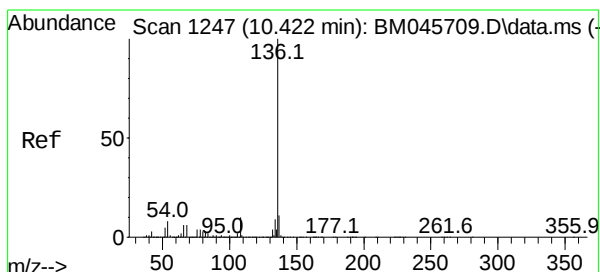
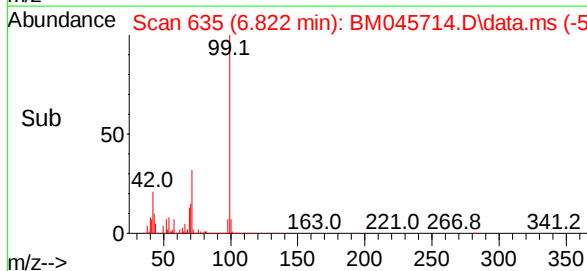
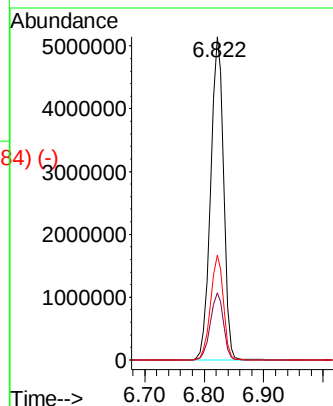
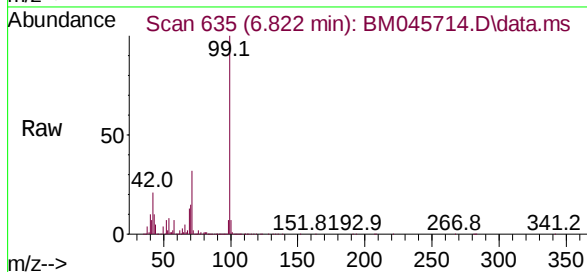
Tgt Ion: 99 Resp: 7778581

Ion Ratio Lower Upper

99 100

42 20.8 16.6 24.8

71 32.4 25.5 38.3



Naphthalene-d8

Concen: 20.000 ng

RT: 10.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BM045714.D

Acq: 08 May 2024 15:58

Tgt Ion: 136 Resp: 2762512

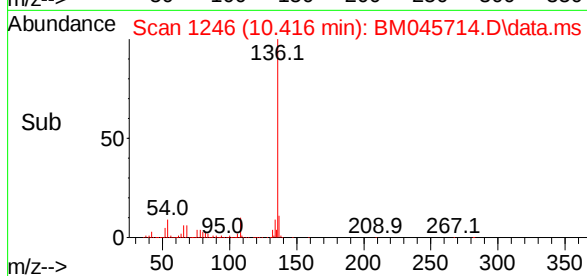
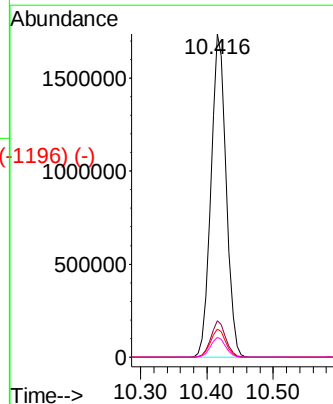
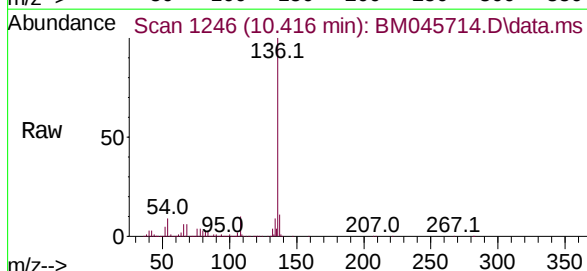
Ion Ratio Lower Upper

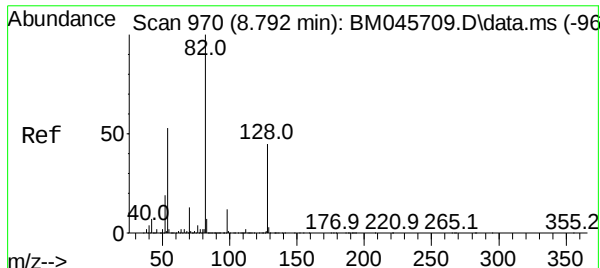
136 100

137 11.2 8.6 13.0

54 8.6 6.7 10.1

68 6.2 5.0 7.4

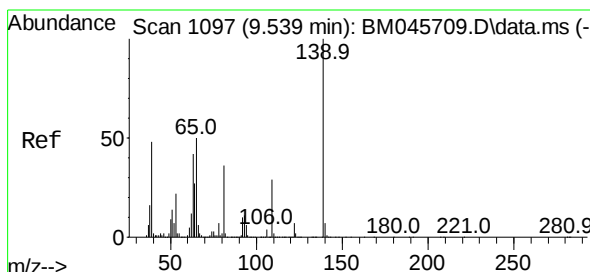
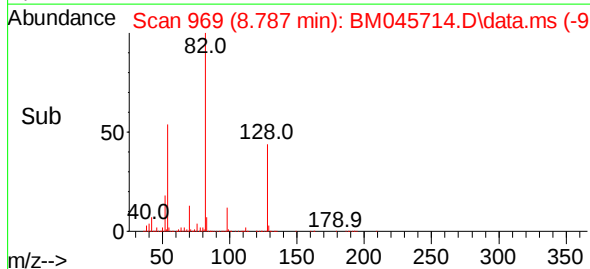
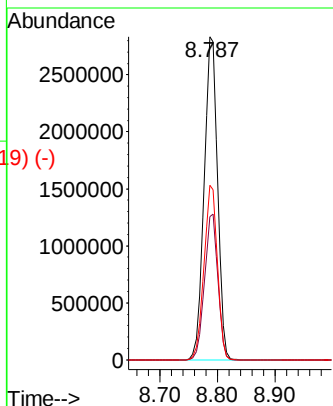
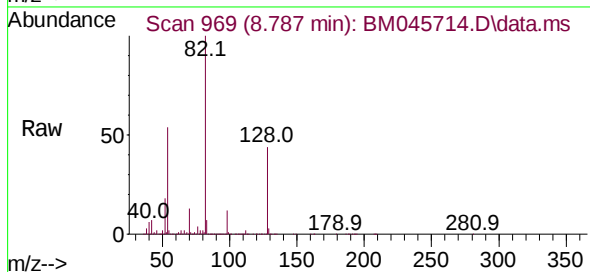




Scan 970 (8.792 min): BM045709.D\data.ms (-962) (-)
 Nitrobenzene-d5
 Concen: 95.611 ng
 RT: 8.787 min Scan# 969
 Delta R.T. -0.006 min
 Lab File: BM045714.D
 Acq: 08 May 2024 15:58

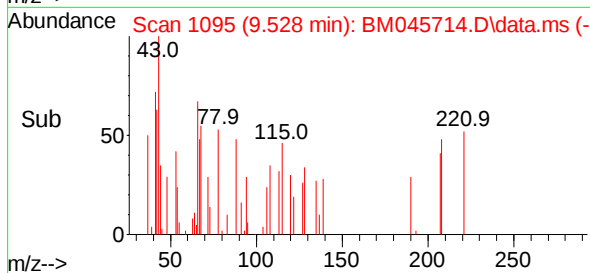
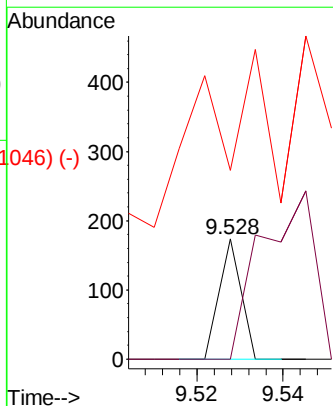
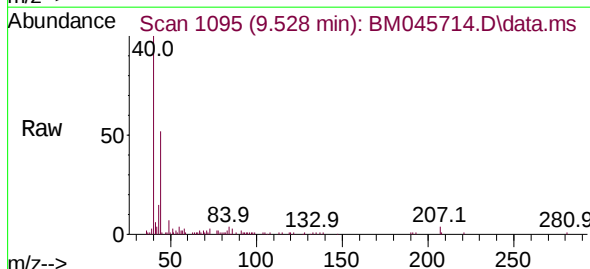
Instrument :
 BNA_M
 ClientSampleId :
 PB160503BL

Tgt Ion:	82	Resp:	4613589
Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.8	53.6
54	54.0	42.5	63.7

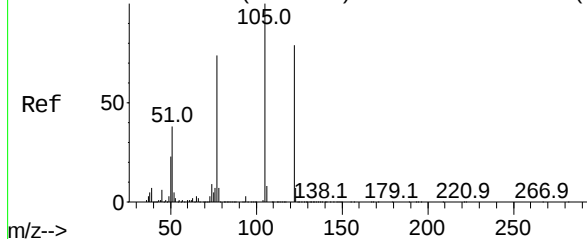


Scan 1097 (9.539 min): BM045709.D\data.ms (-1082) (-)
 2-Nitrophenol
 Concen: 4.834 ng
 RT: 9.528 min Scan# 1095
 Delta R.T. -0.011 min
 Lab File: BM045714.D
 Acq: 08 May 2024 15:58

Tgt Ion:	139	Resp:	61
Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.9	34.3#
65	156.9	40.1	60.1#



Abundance Scan 1132 (9.745 min): BM045709.D\data.ms (-1132) (-)

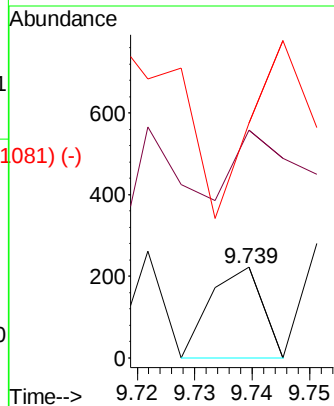
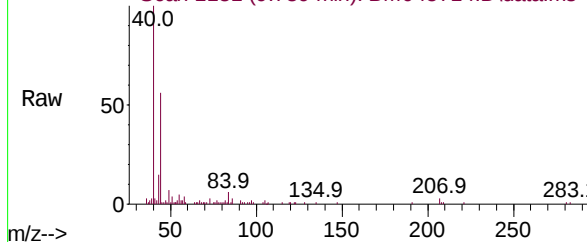


Benzoic acid
Concen: 2.354 ng
RT: 9.739 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BM045714.D
Acq: 08 May 2024 15:58

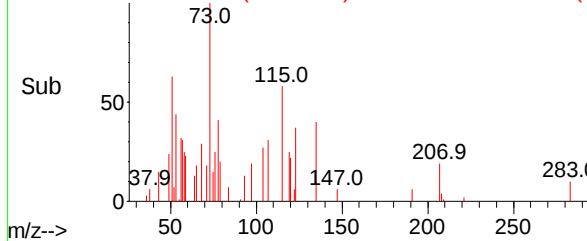
Instrument :
BNA_M
ClientSampleId :
PB160503BL

Tgt Ion:122 Resp: 139
Ion Ratio Lower Upper
122 100
105 251.8 103.7 143.7#
77 259.5 72.2 112.2#

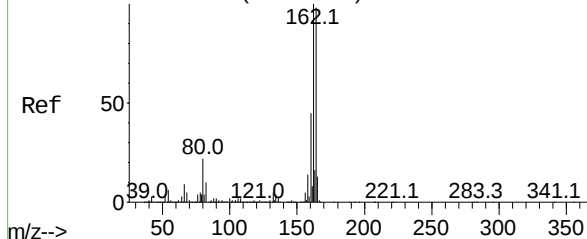
Abundance Scan 1131 (9.739 min): BM045714.D\data.ms



Abundance Scan 1131 (9.739 min): BM045714.D\data.ms (-1081) (-)



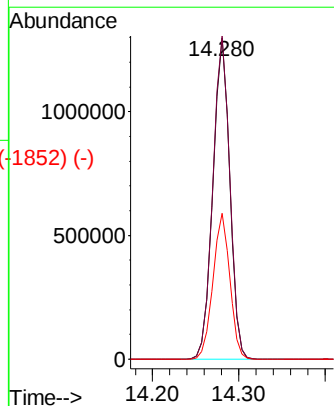
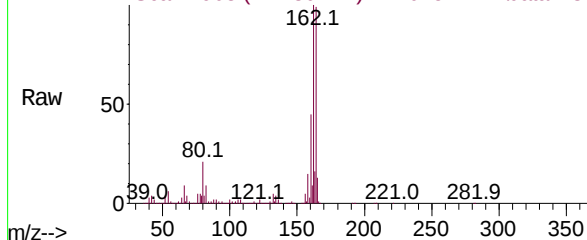
Abundance Scan 1903 (14.280 min): BM045709.D\data.ms (-1852) (-)



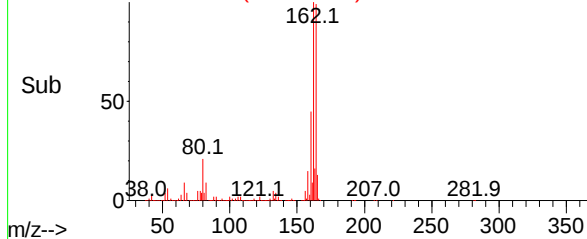
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.280 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BM045714.D
Acq: 08 May 2024 15:58

Tgt Ion:164 Resp: 1757775
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.2
160 45.4 36.6 54.8

Abundance Scan 1903 (14.280 min): BM045714.D\data.ms



Abundance Scan 1903 (14.280 min): BM045714.D\data.ms (-1852) (-)



Abundance Scan 2157 (15.774 min): BM045709.D\data.ms (-2142) (-)

2,4,6-Tribromophenol

Concen: 151.100 ng

RT: 15.768 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM045714.D

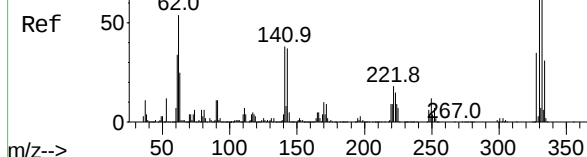
Acq: 08 May 2024 15:58

Instrument :

BNA_M

ClientSampleId :

PB160503BL



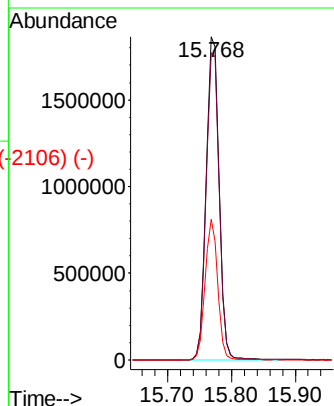
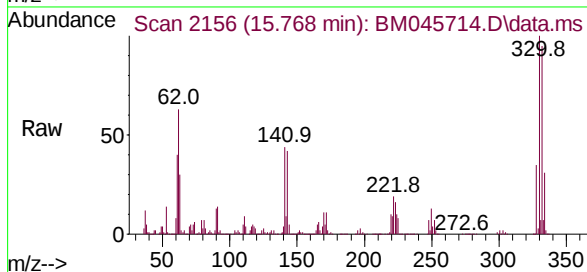
Tgt Ion:330 Resp: 2601764

Ion Ratio Lower Upper

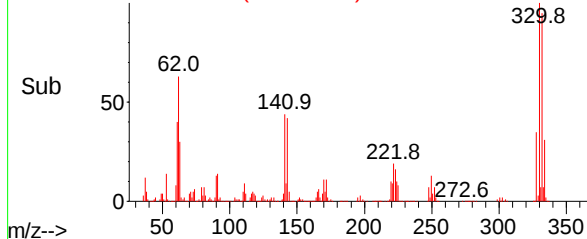
330 100

332 96.1 76.8 115.2

141 42.3 33.8 50.8



Abundance Scan 2156 (15.768 min): BM045714.D\data.ms (-2106) (-)



Abundance Scan 1670 (12.910 min): BM045709.D\data.ms (-1665) (-)

2-Fluorobiphenyl

Concen: 95.290 ng

RT: 12.910 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BM045714.D

Acq: 08 May 2024 15:58

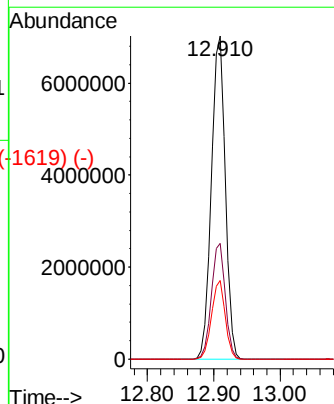
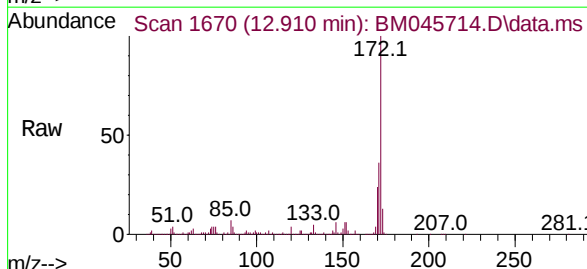
Tgt Ion:172 Resp:10292844

Ion Ratio Lower Upper

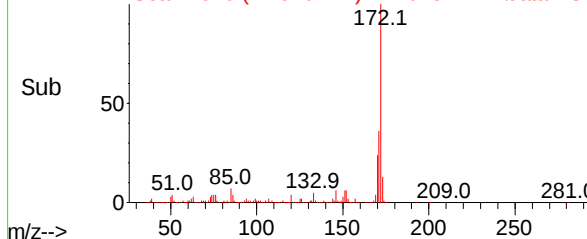
172 100

171 35.8 28.4 42.6

170 24.3 19.0 28.4



Abundance Scan 1670 (12.910 min): BM045714.D\data.ms (-1619) (-)



Abundance Scan 1745 (13.351 min): BM045709.D\data.ms (-1745) (-)

2-Nitroaniline

Concen: 3.722 ng

RT: 13.345 min Scan#

Delta R.T. -0.006 min

Lab File: BM045714.D

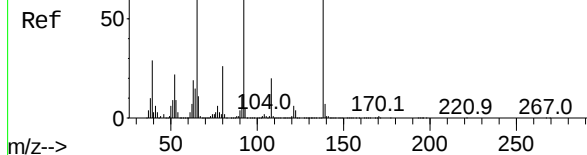
Acq: 08 May 2024 15:58

Instrument :

BNA_M

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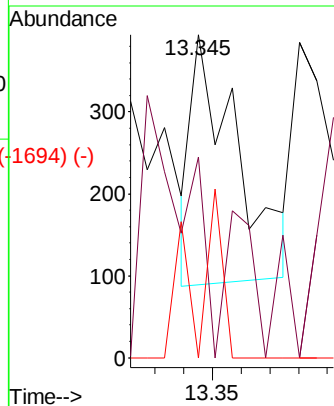
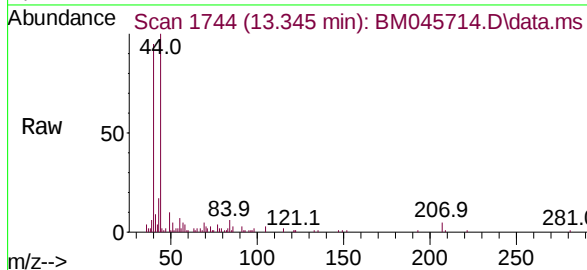
Tgt Ion: 65 Resp: 333

Ion Ratio Lower Upper

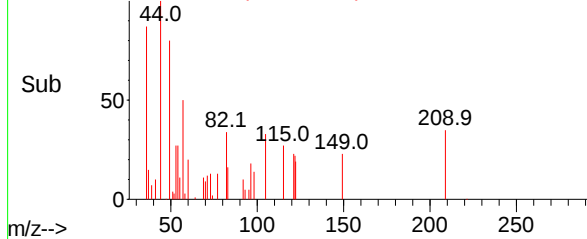
65 100

92 62.2 54.0 81.0

138 0.0 85.8 128.8#



Abundance Scan 1744 (13.345 min): BM045714.D\data.ms (-1694) (-)



Abundance Scan 1938 (14.486 min): BM045709.D\data.ms (-1938) (-)

4-Nitrophenol

Concen: 3.691 ng

RT: 14.492 min Scan# 1939

Delta R.T. 0.006 min

Lab File: BM045714.D

Acq: 08 May 2024 15:58

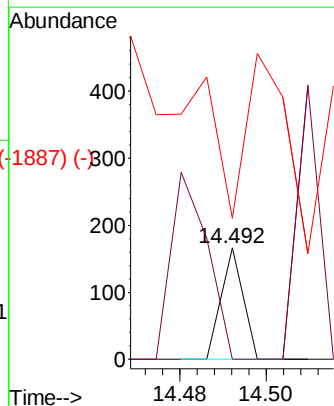
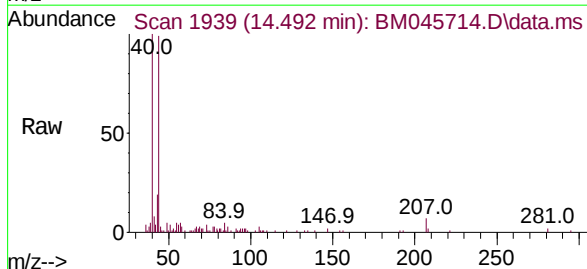
Tgt Ion: 139 Resp: 59

Ion Ratio Lower Upper

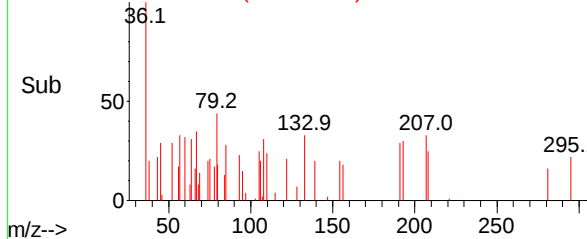
139 100

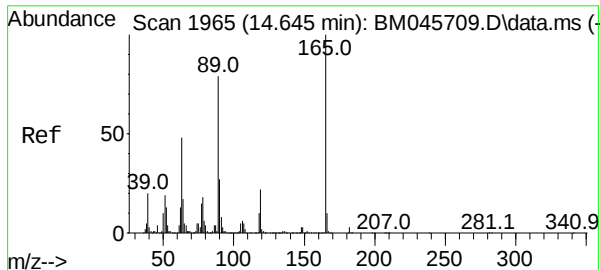
109 0.0 51.2 91.2#

65 126.5 77.6 117.6#



Abundance Scan 1939 (14.492 min): BM045714.D\data.ms (-1887) (-)

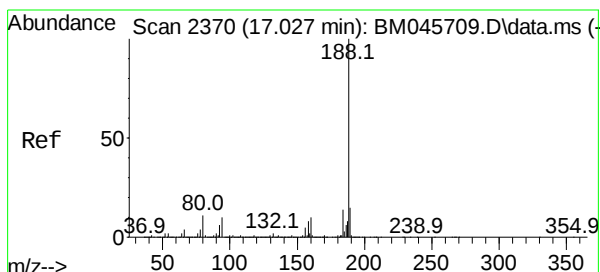
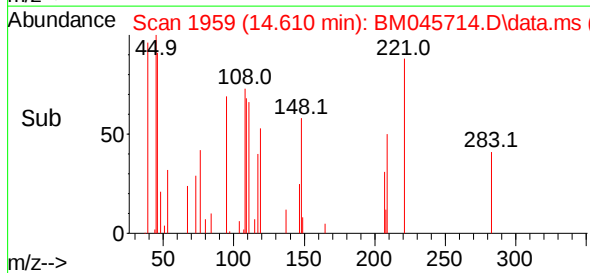
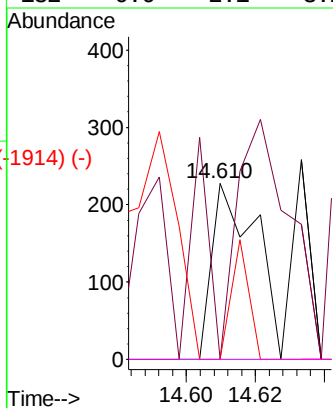
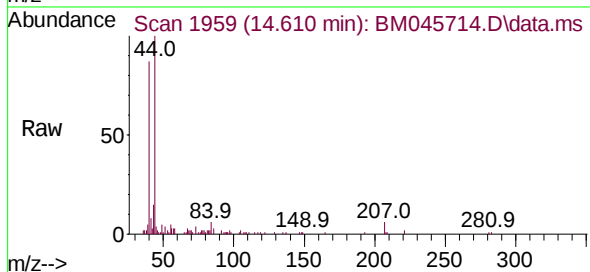




2,4-Dinitrotoluene
Concen: 3.737 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.035 min
Lab File: BM045714.D
Acq: 08 May 2024 15:58

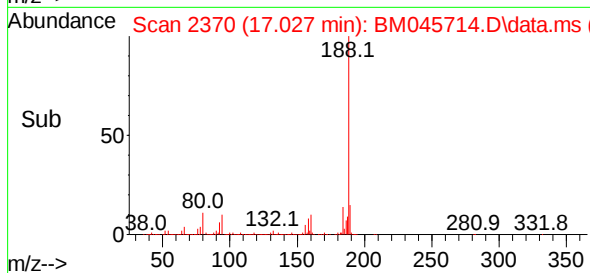
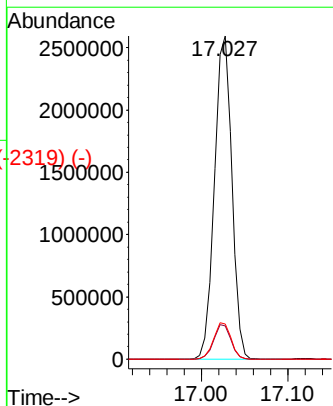
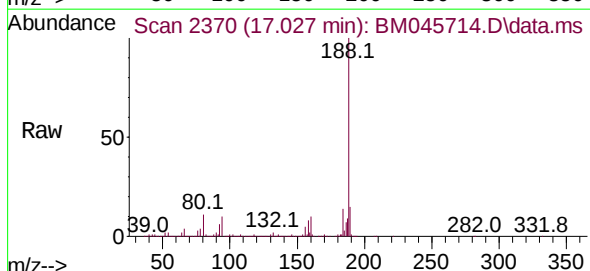
Instrument :
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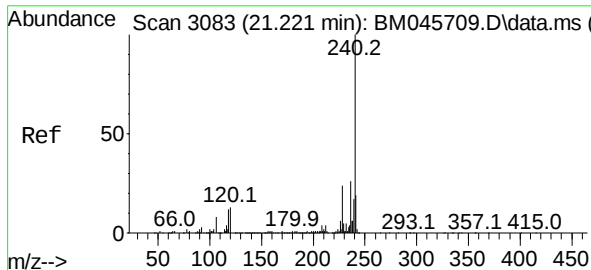
Tgt Ion:	165	Resp:	202
Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.1	57.1#
89	0.0	63.2	94.8#
182	0.0	2.1	3.1#



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.027 min Scan# 2370
Delta R.T. 0.000 min
Lab File: BM045714.D
Acq: 08 May 2024 15:58

Tgt Ion:	188	Resp:	3654954
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.4
80	10.9	9.0	13.4



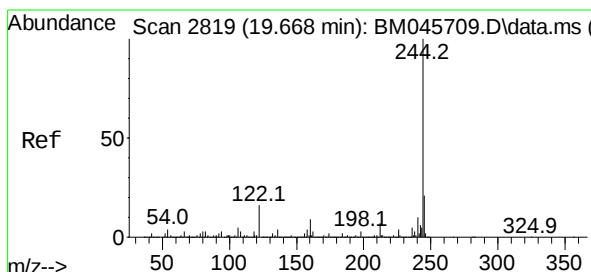
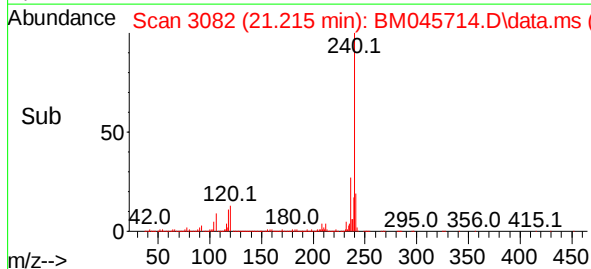
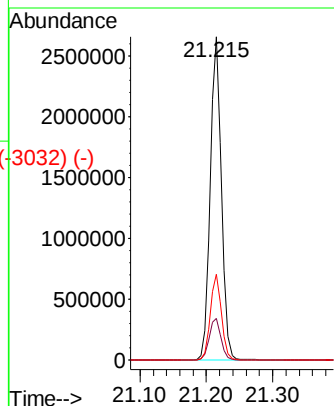
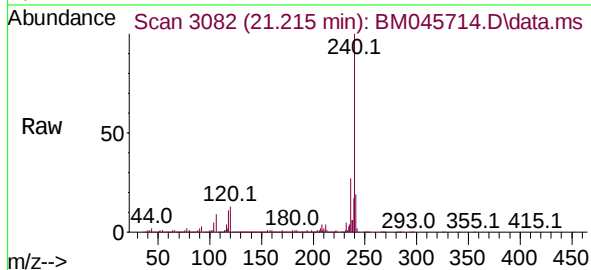


Chrysene-d12
 Concen: 20.000 ng
 RT: 21.215 min Scan# 3082
 Delta R.T. -0.006 min
 Lab File: BM045714.D
 Acq: 08 May 2024 15:58

Instrument :
 BNA_M
 ClientSampleId :
 PB160503BL

Tgt Ion:240 Resp: 3125427

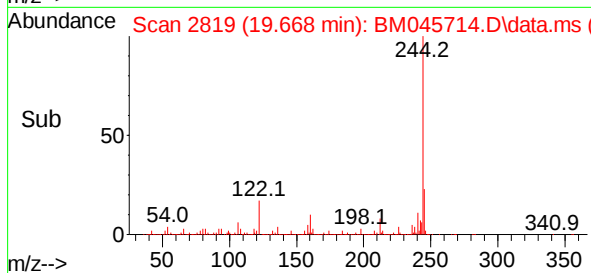
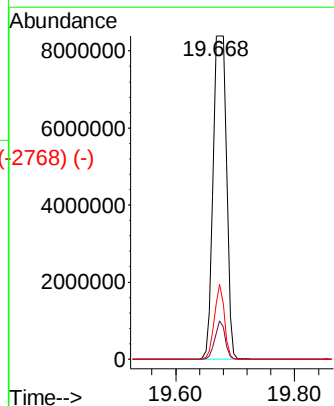
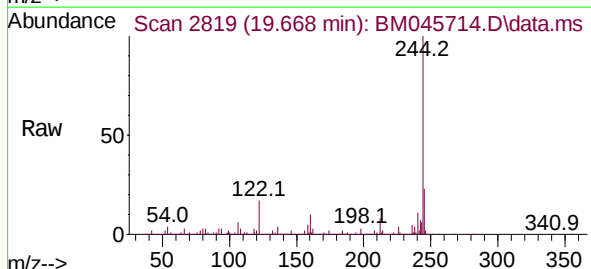
Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.1	15.1
236	26.5	21.0	31.4

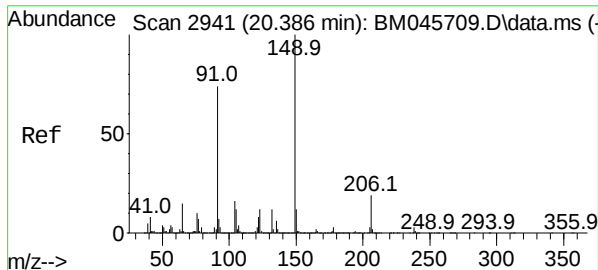


Terphenyl-d14
 Concen: 99.876 ng
 RT: 19.668 min Scan# 2819
 Delta R.T. 0.000 min
 Lab File: BM045714.D
 Acq: 08 May 2024 15:58

Tgt Ion:244 Resp:13150324

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	17.5	12.6	18.8

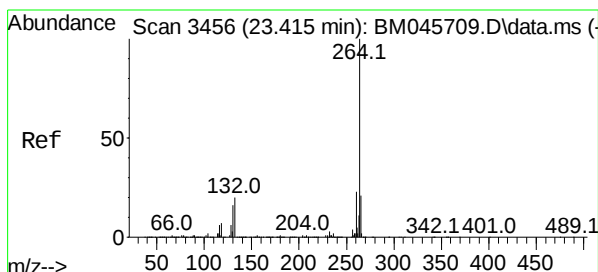
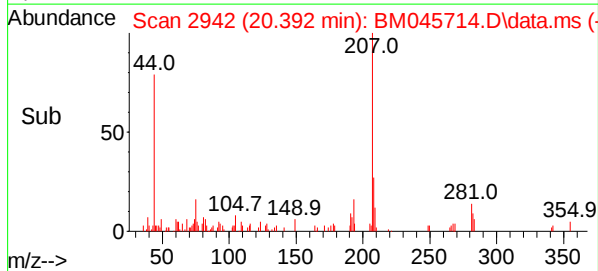
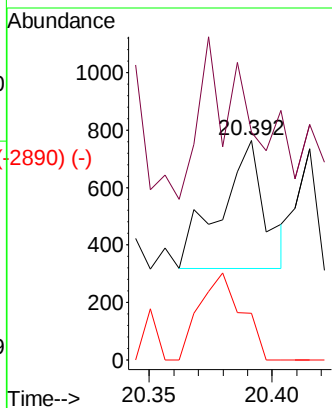
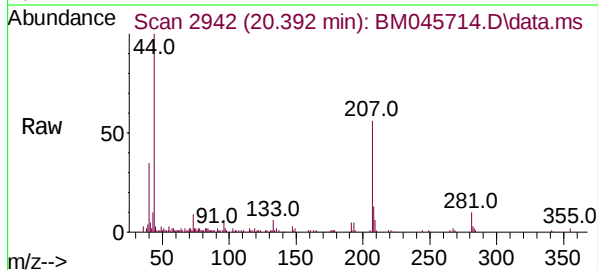




Butylbenzylphthalate
 Concen: 3.794 ng
 RT: 20.392 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BM045714.D
 Acq: 08 May 2024 15:58

Instrument :
 BNA_M
 ClientSampleId :
 PB160503BL

Tgt Ion:	149	Resp:	562
Ion	Ratio	Lower	Upper
149	100		
91	103.7	59.2	88.8#
206	21.3	14.9	22.3



Perylene-d12
 Concen: 20.000 ng
 RT: 23.415 min Scan# 3456
 Delta R.T. 0.000 min
 Lab File: BM045714.D
 Acq: 08 May 2024 15:58

Tgt Ion:	264	Resp:	3447692
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.2	17.2	25.8

