

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071222\
 Data File : BN020723.D
 Acq On : 12 Jul 2022 20:55
 Operator : CG/JU
 Sample : PB146159BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB146159BL

Quant Time: Jul 13 02:42:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

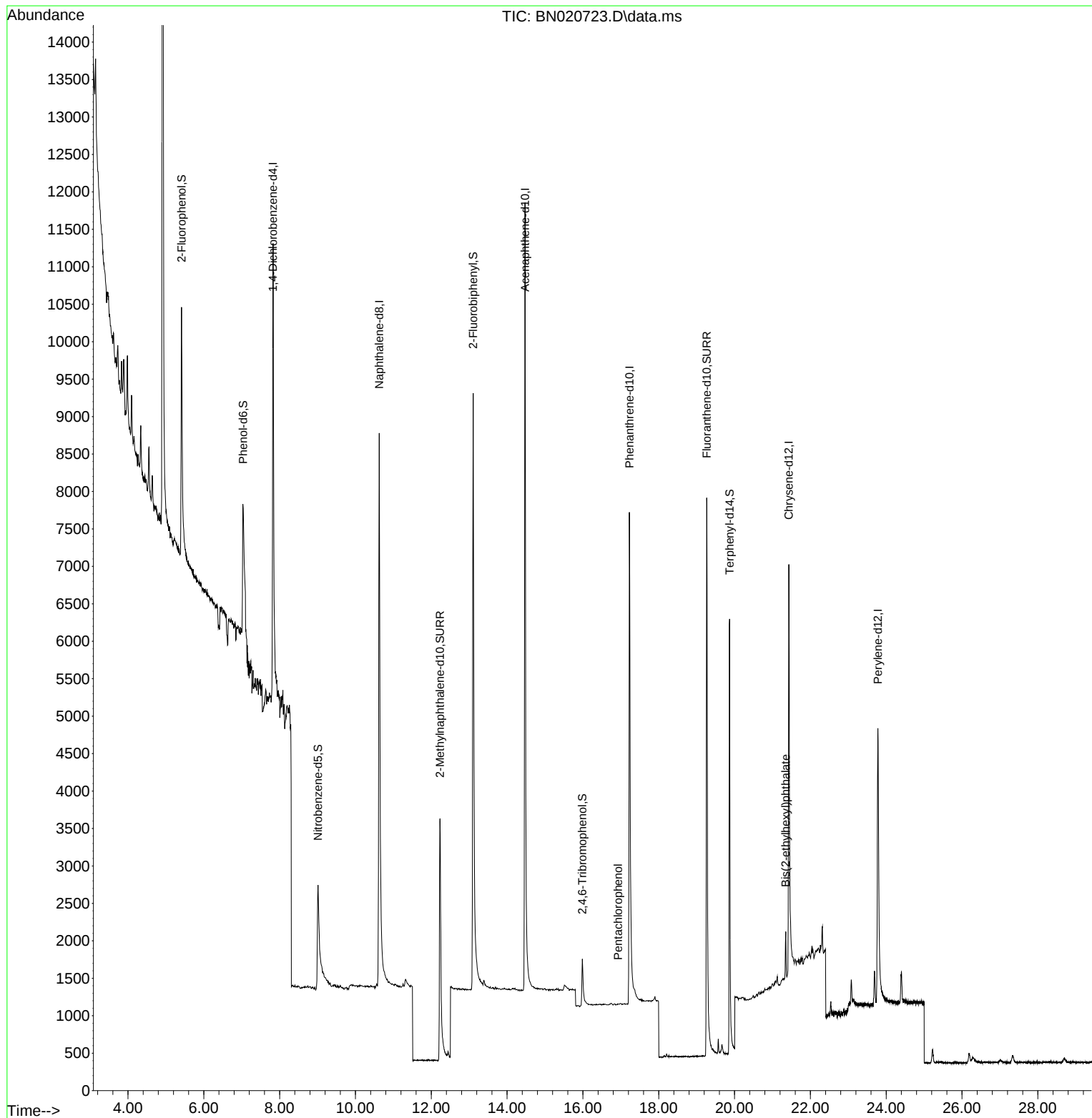
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4302	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	14321	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	7563	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	13550	0.400	ng	# 0.00
29) Chrysene-d12	21.431	240	7447	0.400	ng	0.00
35) Perylene-d12	23.782	264	7046	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	3913	0.328	ng	0.00
5) Phenol-d6	7.038	99	3723	0.261	ng	0.00
8) Nitrobenzene-d5	9.014	82	2607	0.225	ng	0.02
11) 2-Methylnaphthalene-d10	12.227	152	7460	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	506	0.178	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	9947	0.319	ng	0.00
27) Fluoranthene-d10	19.270	212	11562	0.287	ng	0.00
31) Terphenyl-d14	19.868	244	8198	0.461	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.928	266	12	0.188	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.351	149	641	0.043	ng	# 96

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

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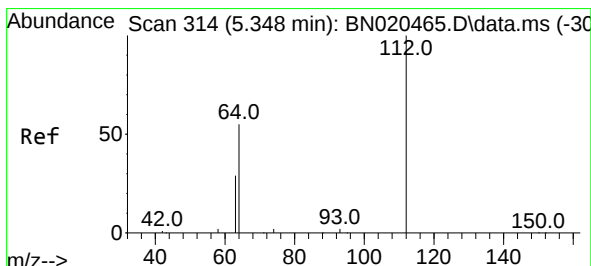
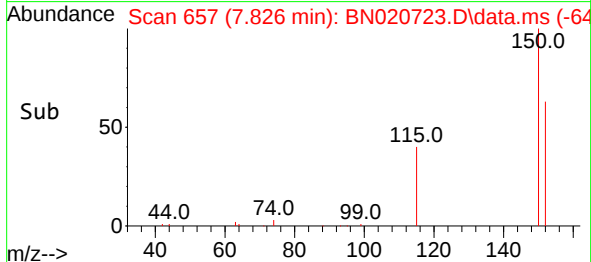
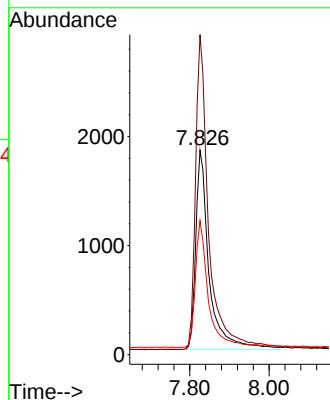
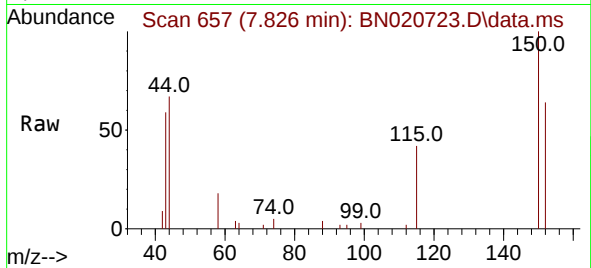




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN020723.D
 Acq: 12 Jul 2022 20:55

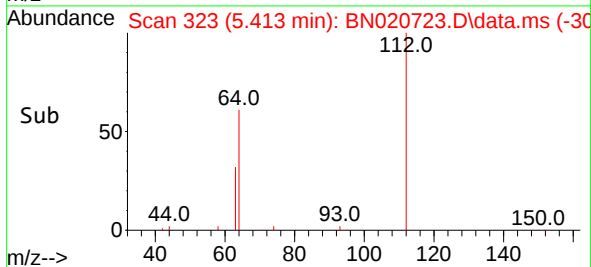
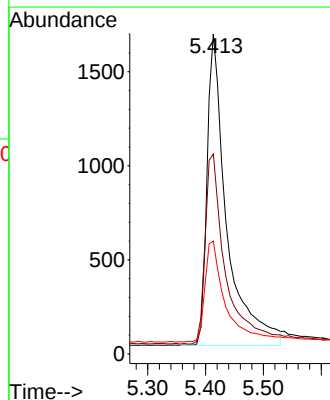
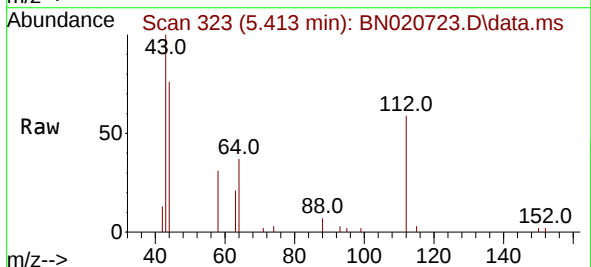
Instrument :
 BNA_N
 ClientSampleId :
 PB146159BL

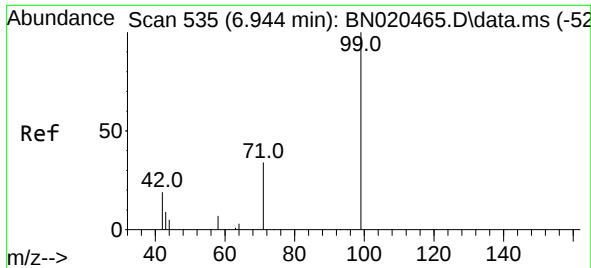
Tgt Ion:152 Resp: 4302
 Ion Ratio Lower Upper
 152 100
 150 156.6 127.9 191.9
 115 65.6 51.4 77.2



#4
 2-Fluorophenol
 Concen: 0.328 ng
 RT: 5.413 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: BN020723.D
 Acq: 12 Jul 2022 20:55

Tgt Ion:112 Resp: 3913
 Ion Ratio Lower Upper
 112 100
 64 64.0 49.1 73.7
 63 34.3 26.3 39.5

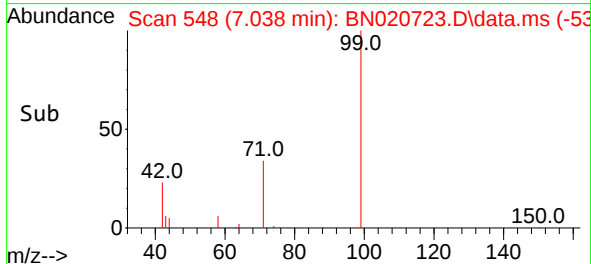
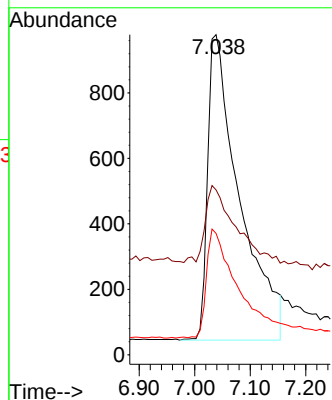
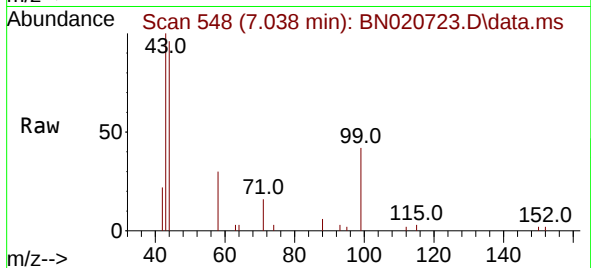




#5
Phenol-d6
Concen: 0.261 ng
RT: 7.038 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN020723.D
Acq: 12 Jul 2022 20:55

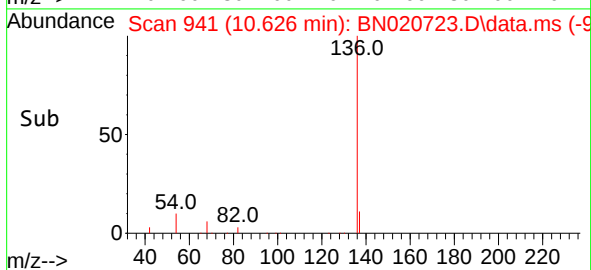
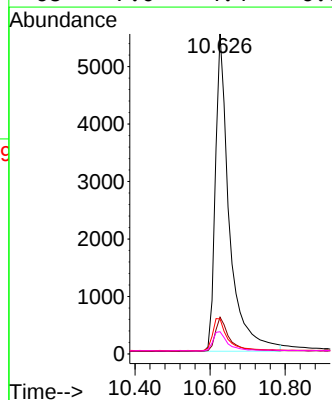
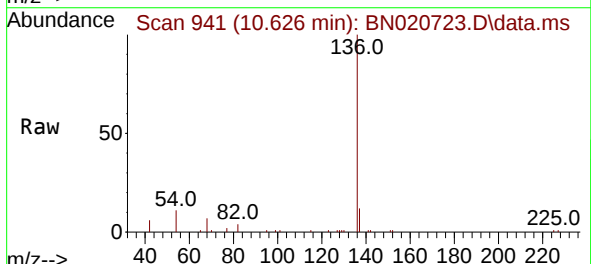
Instrument :
BNA_N
ClientSampleId :
PB146159BL

Tgt Ion:	99	Resp:	3723
Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.3	28.9
71	35.5	27.5	41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN020723.D
Acq: 12 Jul 2022 20:55

Tgt Ion:	136	Resp:	14321
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	11.0	6.2	9.2#
68	7.0	4.4	6.6#

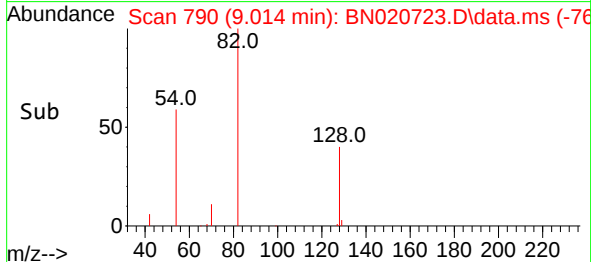
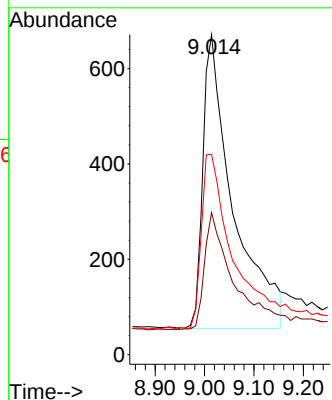
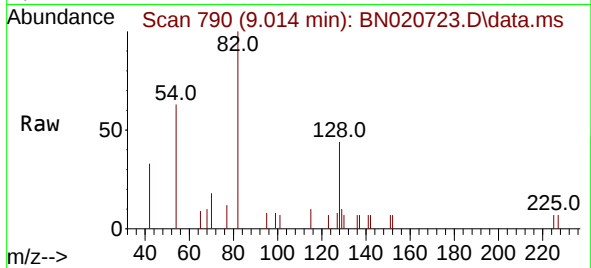




#8
 Nitrobenzene-d5
 Concen: 0.225 ng
 RT: 9.014 min Scan# 79
 Delta R.T. 0.022 min
 Lab File: BN020723.D
 Acq: 12 Jul 2022 20:55

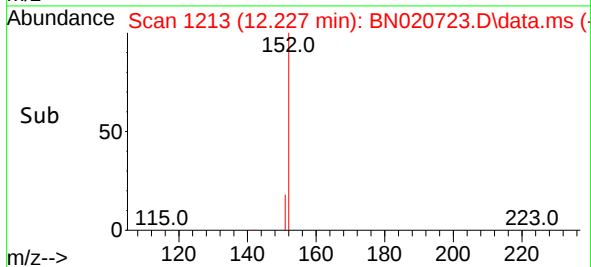
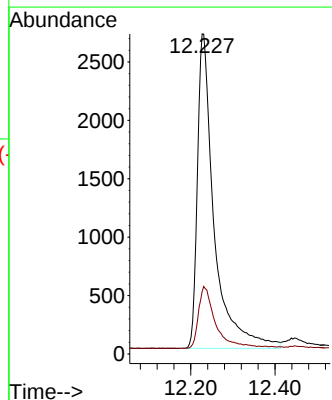
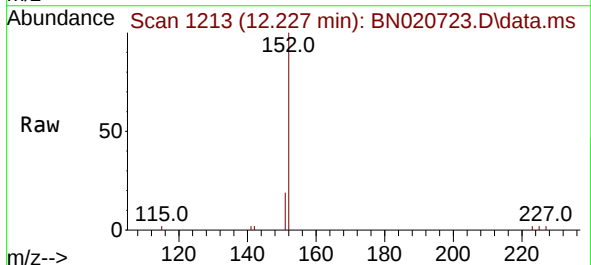
Instrument :
 BNA_N
 ClientSampleId :
 PB146159BL

Tgt Ion: 82 Resp: 2607
 Ion Ratio Lower Upper
 82 100
 128 44.4 35.0 52.6
 54 62.6 46.2 69.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.304 ng
 RT: 12.227 min Scan# 1213
 Delta R.T. 0.000 min
 Lab File: BN020723.D
 Acq: 12 Jul 2022 20:55

Tgt Ion: 152 Resp: 7460
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.2 24.4

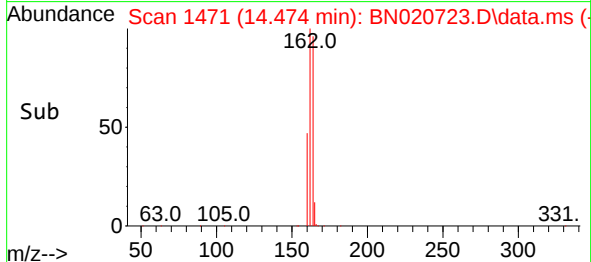
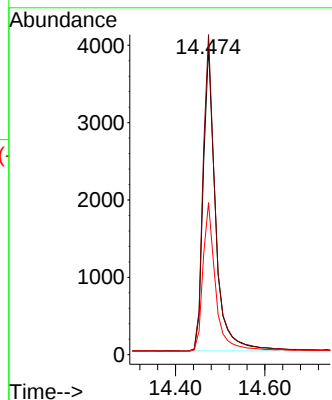
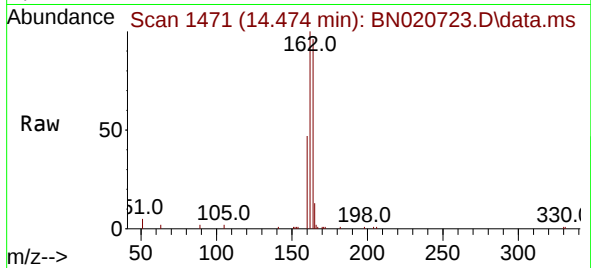




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020723.D
Acq: 12 Jul 2022 20:55

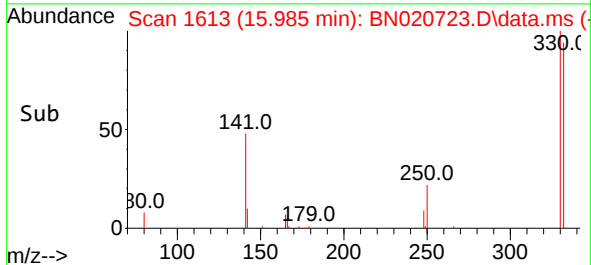
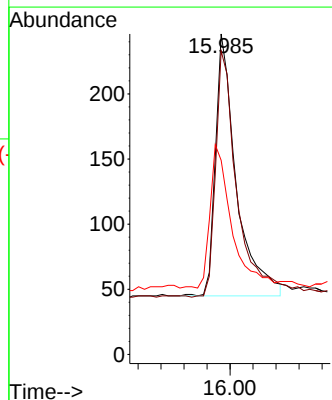
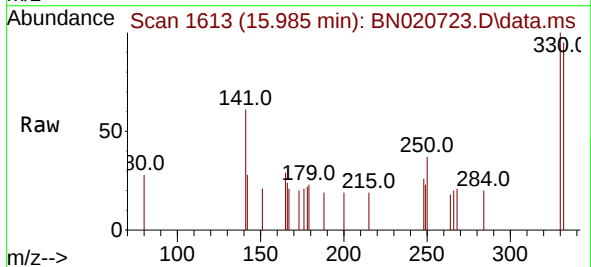
Instrument :
BNA_N
ClientSampleId :
PB146159BL

Tgt Ion:164 Resp: 7563
Ion Ratio Lower Upper
164 100
162 103.8 82.1 123.1
160 49.3 38.6 58.0



#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.010 min
Lab File: BN020723.D
Acq: 12 Jul 2022 20:55

Tgt Ion:330 Resp: 506
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 54.5 41.0 61.4

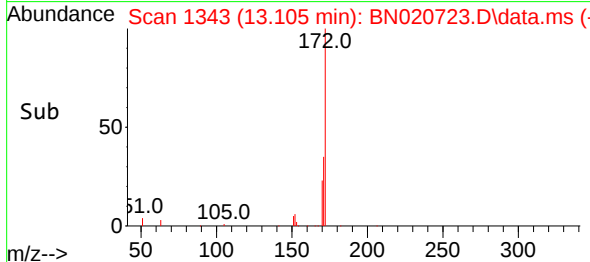
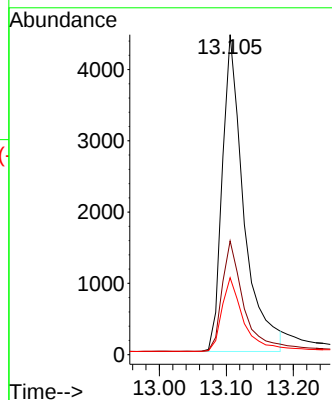
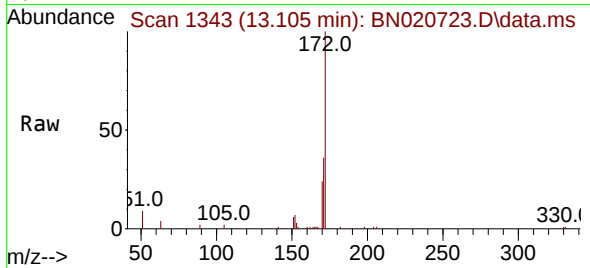




#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.105 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020723.D
Acq: 12 Jul 2022 20:55

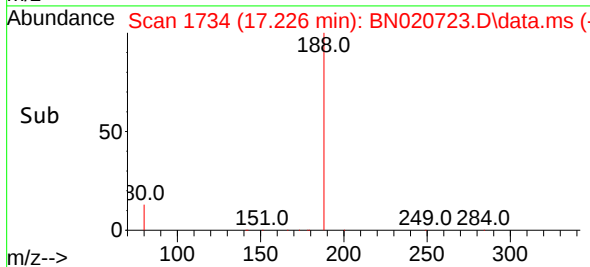
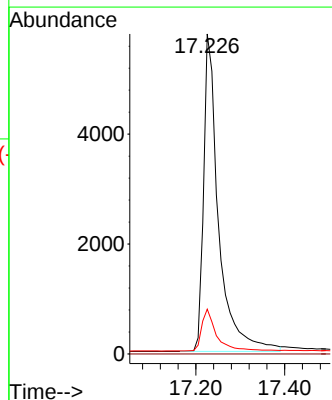
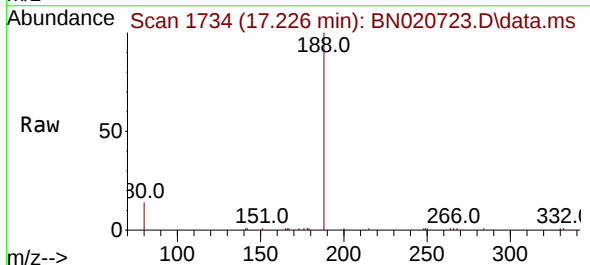
Instrument :
BNA_N
ClientSampleId :
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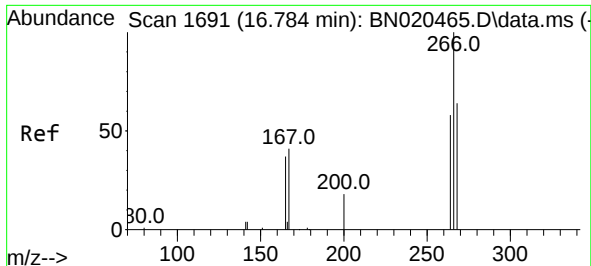
Tgt Ion:172 Resp: 9947
Ion Ratio Lower Upper
172 100
171 35.6 27.2 40.8
170 24.0 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN020723.D
Acq: 12 Jul 2022 20:55

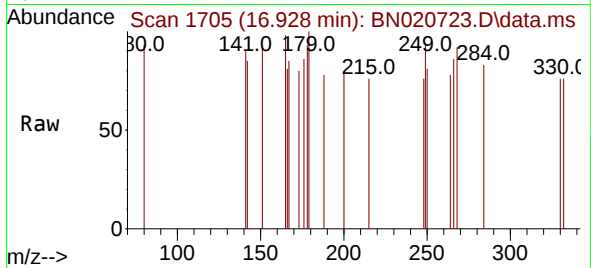
Tgt Ion:188 Resp: 13550
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 7.4 11.2#



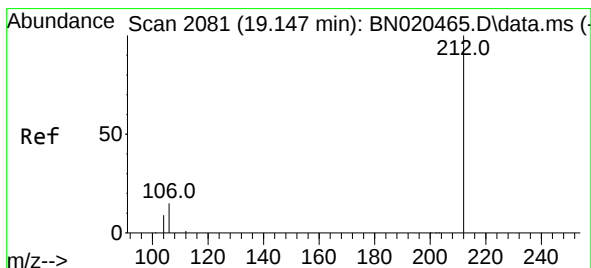
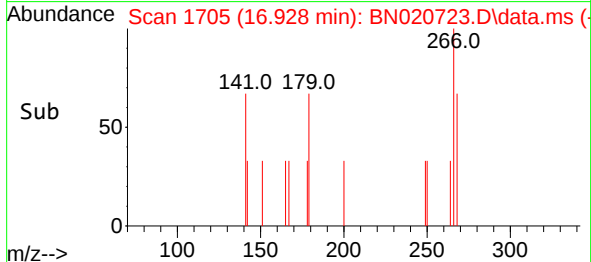
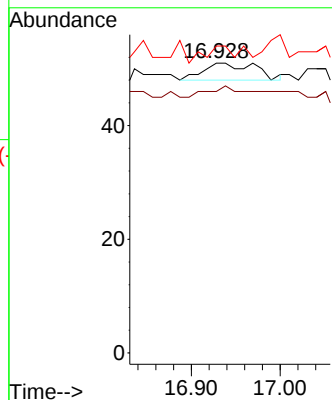


#24
 Pentachlorophenol
 Concen: 0.188 ng
 RT: 16.928 min Scan# 1110
 Delta R.T. 0.031 min
 Lab File: BN020723.D
 Acq: 12 Jul 2022 20:55

Instrument :
 BNA_N
 ClientSampleId :
 PB146159BL

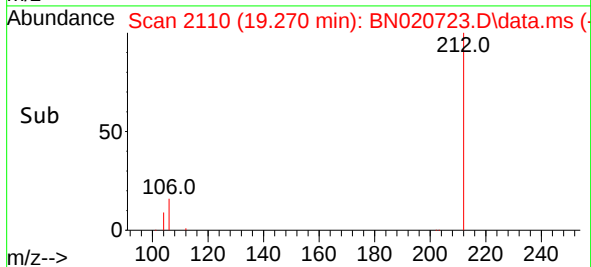
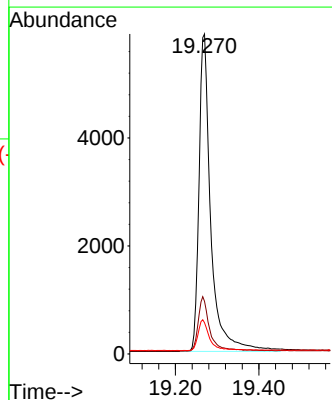
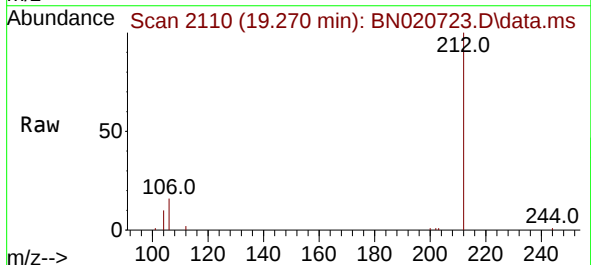


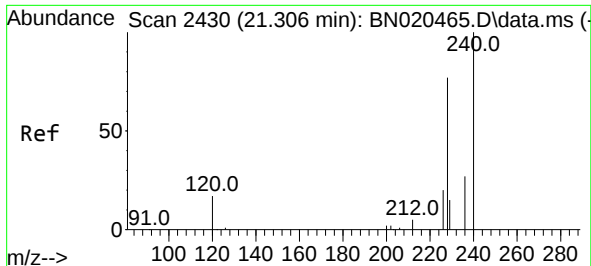
Tgt Ion:266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 264 66.7 51.3 76.9
 268 16.7 52.6 79.0#



#27
 Fluoranthene-d10
 Concen: 0.287 ng
 RT: 19.270 min Scan# 2110
 Delta R.T. 0.000 min
 Lab File: BN020723.D
 Acq: 12 Jul 2022 20:55

Tgt Ion:212 Resp: 11562
 Ion Ratio Lower Upper
 212 100
 106 16.4 12.6 19.0
 104 9.5 7.2 10.8

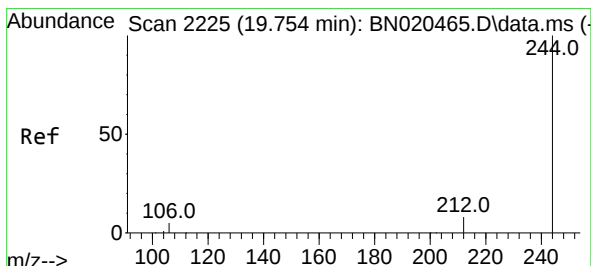
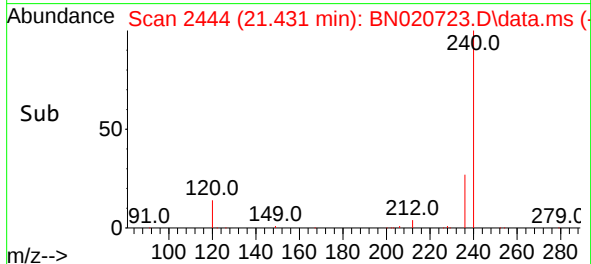
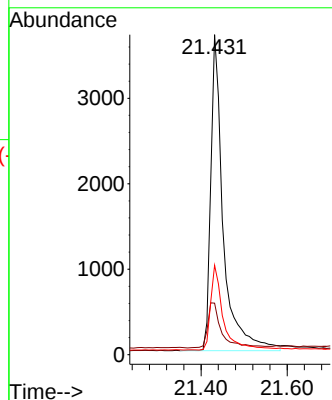
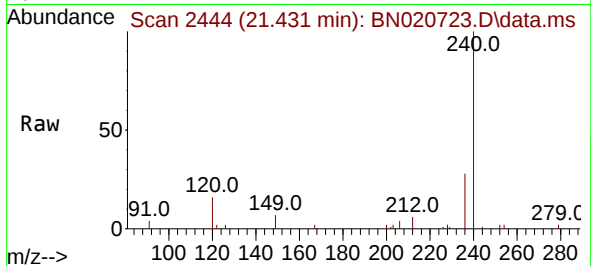




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN020723.D
Acq: 12 Jul 2022 20:55

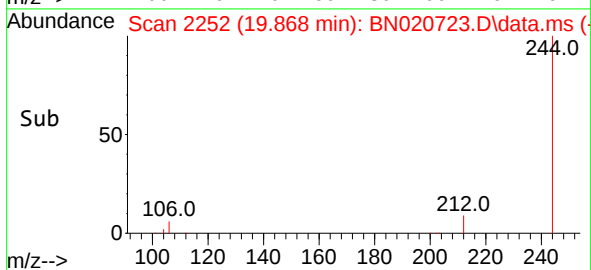
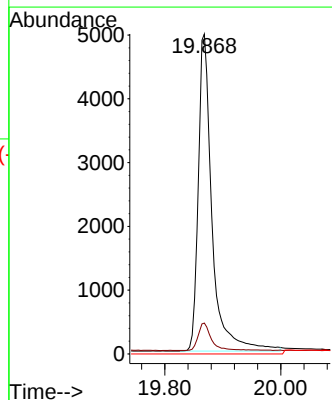
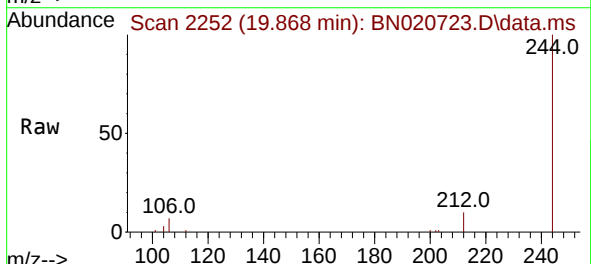
Instrument :
BNA_N
ClientSampleId :
PB146159BL

Tgt Ion:240 Resp: 7447
Ion Ratio Lower Upper
240 100
120 16.1 14.6 21.8
236 28.0 22.6 33.8



#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.868 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BN020723.D
Acq: 12 Jul 2022 20:55

Tgt Ion:244 Resp: 8198
Ion Ratio Lower Upper
244 100
212 9.6 7.1 10.7
122 0.0 0.0 0.0

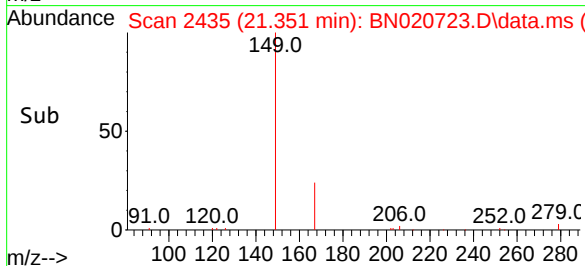
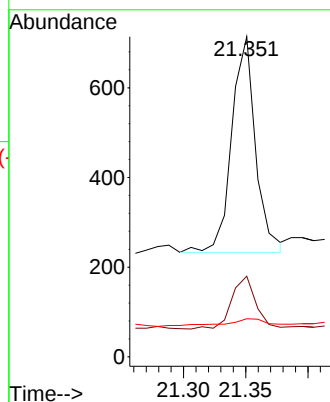
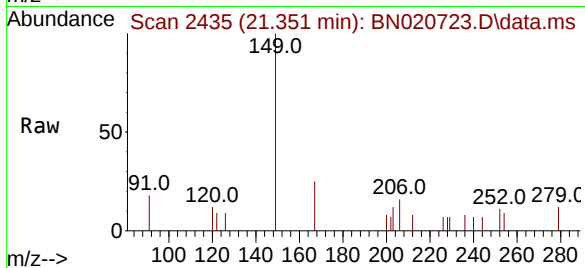




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.043 ng
 RT: 21.351 min Scan# 2422
 Delta R.T. 0.000 min
 Lab File: BN020723.D
 Acq: 12 Jul 2022 20:55

Instrument :
 BNA_N
 ClientSampleId :
 PB146159BL

Tgt Ion:149 Resp: 641
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.7 32.5
 279 6.2 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.782 min Scan# 3023
 Delta R.T. -0.009 min
 Lab File: BN020723.D
 Acq: 12 Jul 2022 20:55

Tgt Ion:264 Resp: 7046
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.9 31.3
 265 41.9 28.0 42.0

