

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033042.D
 Acq On : 27 Jul 2024 20:51
 Operator : MA/JU
 Sample : P3375-04
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-072524

Quant Time: Jul 29 01:08:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

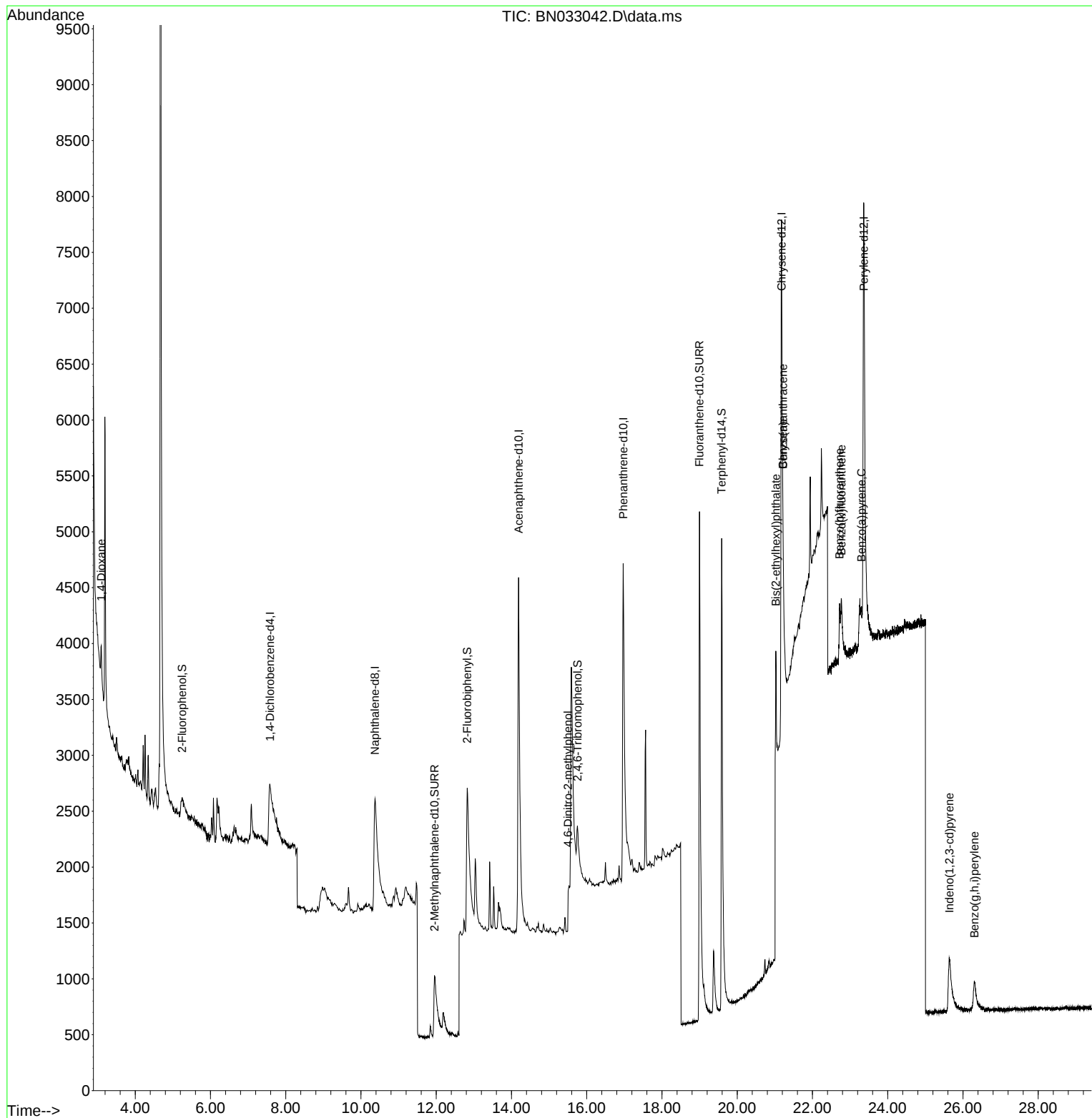
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	1202	0.400	ng	# 0.05
7) Naphthalene-d8	10.372	136	5374	0.400	ng	# 0.07
13) Acenaphthene-d10	14.190	164	4065	0.400	ng	0.01
19) Phenanthrene-d10	16.970	188	9060	0.400	ng	# 0.02
29) Chrysene-d12	21.178	240	8529	0.400	ng	0.01
35) Perylene-d12	23.361	264	9022	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.242	112	633	0.208	ng	0.07
5) Phenol-d6	6.846	99	7	0.002	ng	0.07
8) Nitrobenzene-d5	8.696	82	12	0.003	ng	-0.04
11) 2-Methylnaphthalene-d10	11.954	152	2982	0.363	ng	0.04
14) 2,4,6-Tribromophenol	15.753	330	518	0.298	ng	0.03
15) 2-Fluorobiphenyl	12.822	172	4413	0.292	ng	0.01
27) Fluoranthene-d10	18.997	212	9966	0.425	ng	0.00
31) Terphenyl-d14	19.587	244	8586	0.491	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.097	88	311	0.209	ng	# 24
20) 4,6-Dinitro-2-methylph...	15.505	198	1	0.294	ng	# 1
32) Benzo(a)anthracene	21.214	228	1255	0.047	ng	# 78
33) Chrysene	21.214	228	1925	0.060	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.026	149	4670	0.313	ng	# 80
36) Indeno(1,2,3-cd)pyrene	25.639	276	886	0.025	ng	# 80
37) Benzo(b)fluoranthene	22.721	252	798	0.025	ng	# 1
38) Benzo(k)fluoranthene	22.771	252	937	0.026	ng	# 1
39) Benzo(a)pyrene	23.303	252	668	0.024	ng	# 1
41) Benzo(g,h,i)perylene	26.308	276	886	0.028	ng	# 32

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

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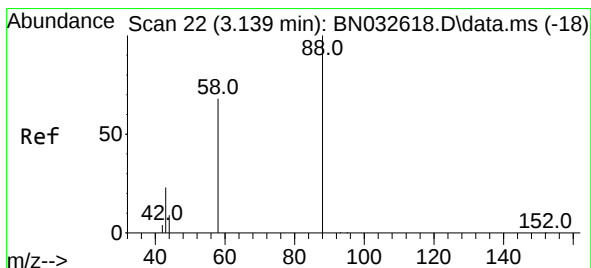
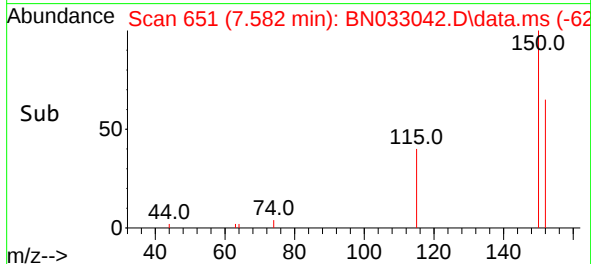
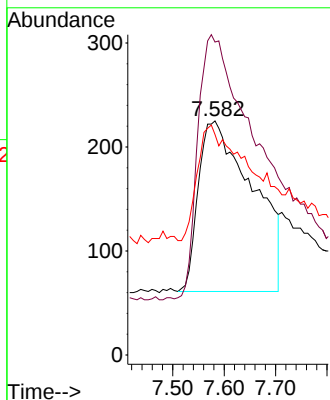
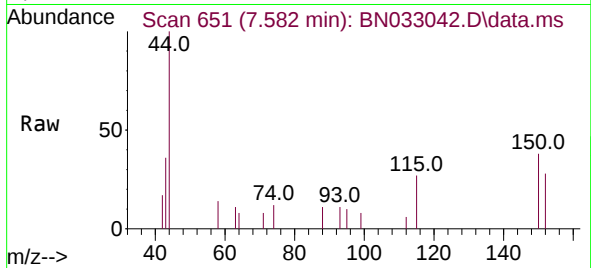




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.582 min Scan# 61
 Delta R.T. 0.051 min
 Lab File: BN033042.D
 Acq: 27 Jul 2024 20:51

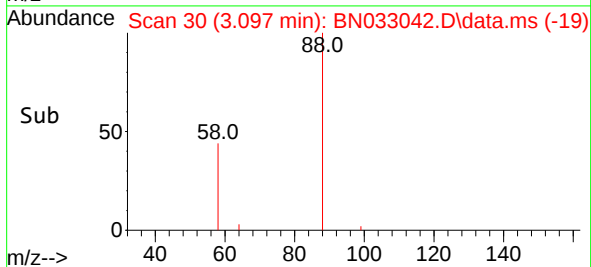
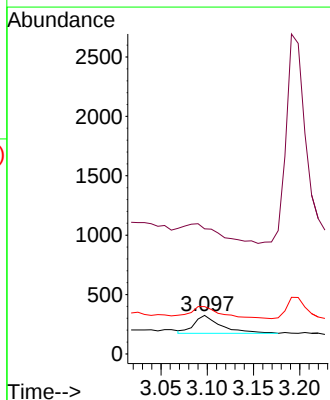
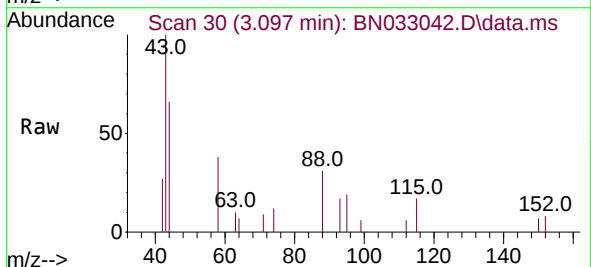
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-072524

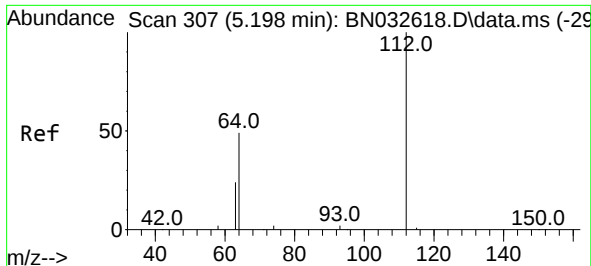
Tgt Ion:152 Resp: 1202
 Ion Ratio Lower Upper
 152 100
 150 133.8 123.8 185.6
 115 94.2 52.8 79.2#



#2
 1,4-Dioxane
 Concen: 0.209 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.021 min
 Lab File: BN033042.D
 Acq: 27 Jul 2024 20:51

Tgt Ion: 88 Resp: 311
 Ion Ratio Lower Upper
 88 100
 43 133.8 18.4 27.6#
 58 76.2 49.2 73.8#

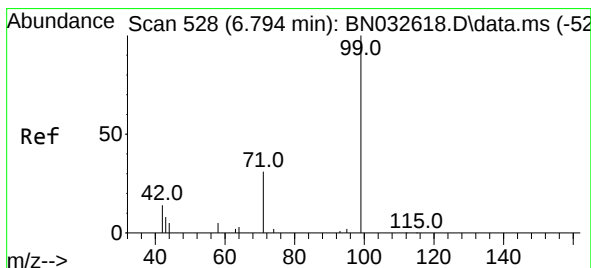
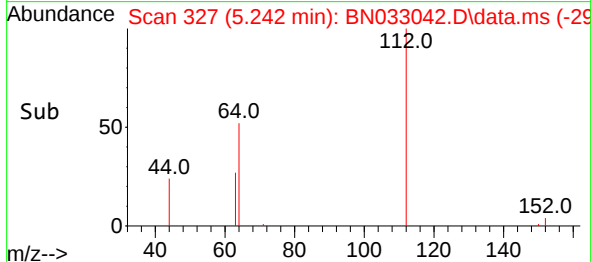
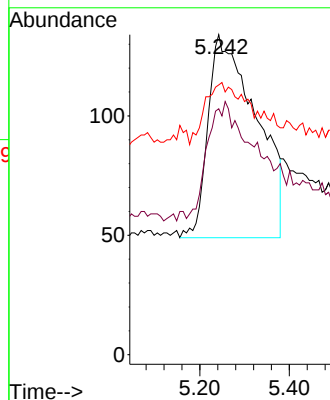
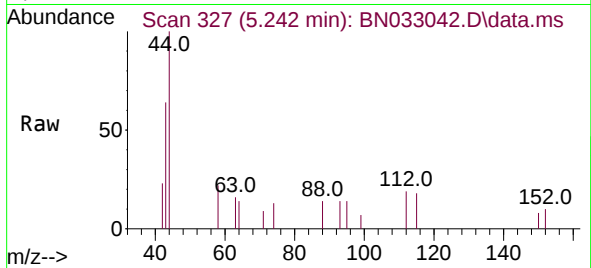




#4
2-Fluorophenol
Concen: 0.208 ng
RT: 5.242 min Scan# 31
Delta R.T. 0.066 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

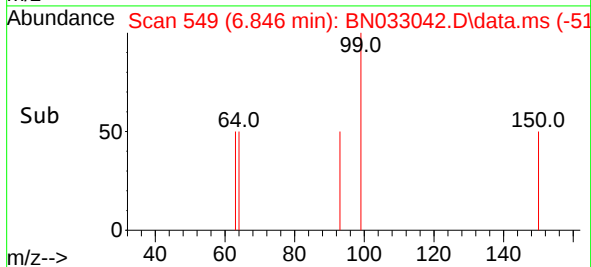
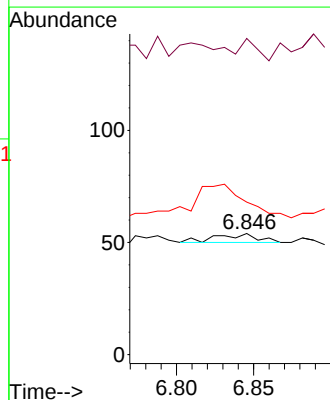
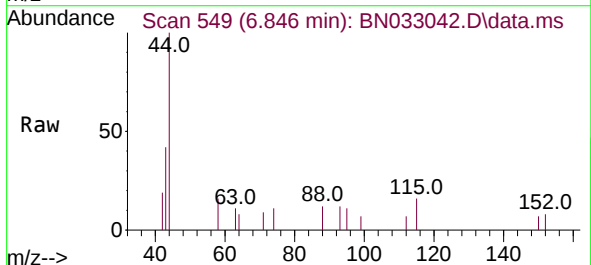
Instrument :
BNA_N
ClientSampleId :
EB-01-072524

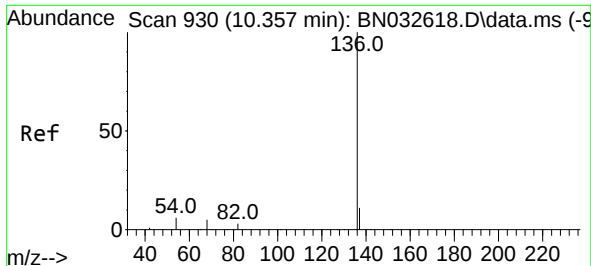
Tgt Ion:112 Resp: 633
Ion Ratio Lower Upper
112 100
64 58.9 40.2 60.4
63 30.6 22.2 33.4



#5
Phenol-d6
Concen: 0.002 ng
RT: 6.846 min Scan# 549
Delta R.T. 0.066 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Tgt Ion: 99 Resp: 7
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 514.3 22.3 33.5#

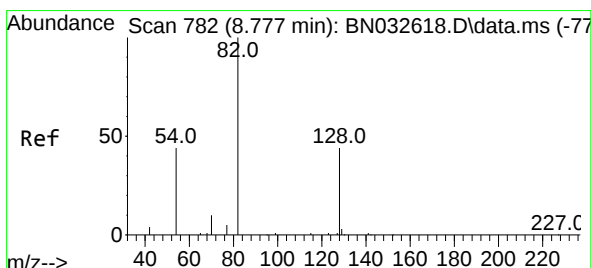
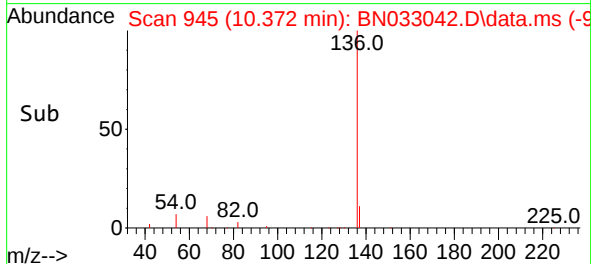
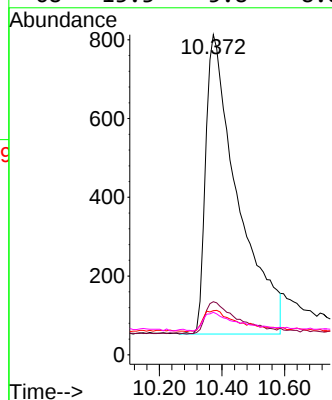
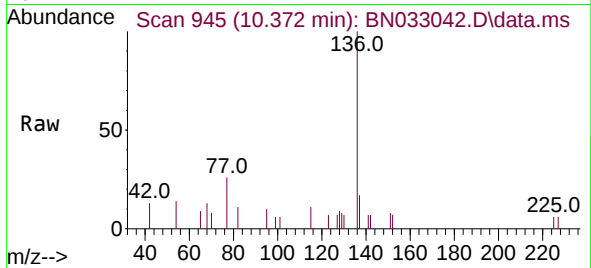




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 94
Delta R.T. 0.069 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

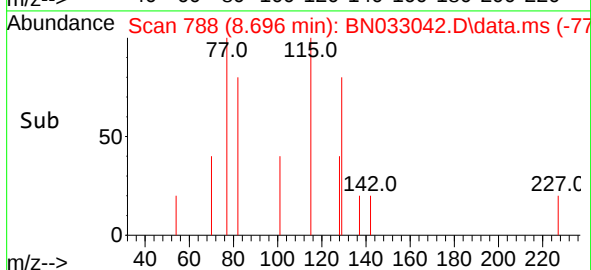
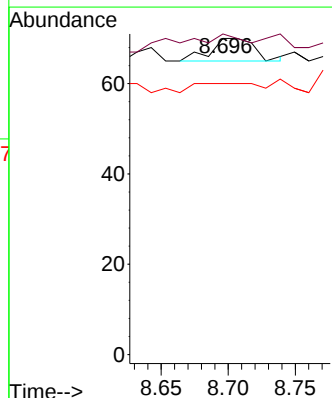
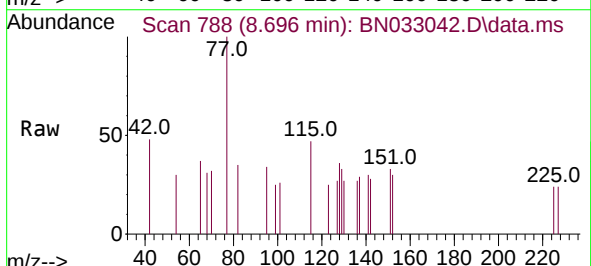
Instrument :
BNA_N
ClientSampleId :
EB-01-072524

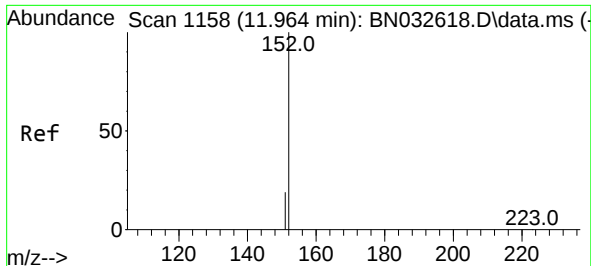
Tgt Ion:	136	Resp:	5374
Ion	Ratio	Lower	Upper
136	100		
137	16.6	9.9	14.9#
54	13.8	6.5	9.7#
68	13.3	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.003 ng
RT: 8.696 min Scan# 788
Delta R.T. -0.038 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Tgt Ion:	82	Resp:	12
Ion	Ratio	Lower	Upper
82	100		
128	101.4	41.7	62.5#
54	85.7	39.5	59.3#

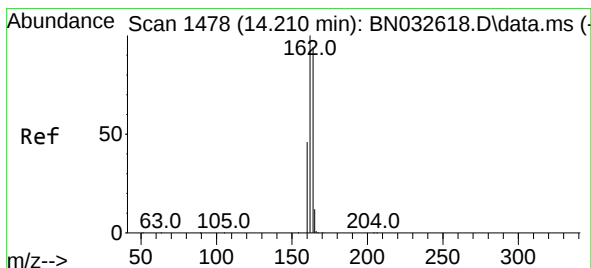
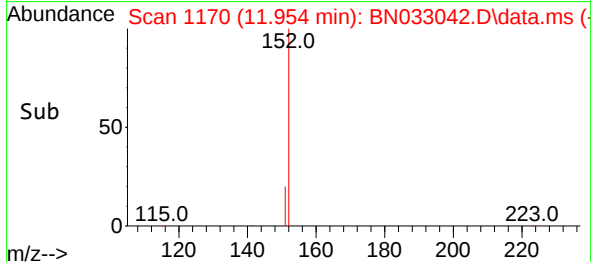
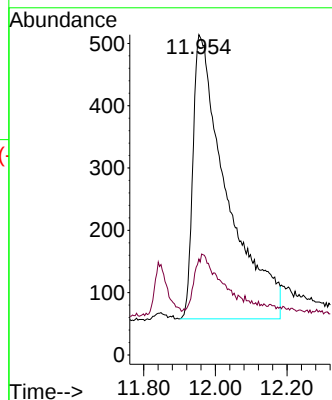
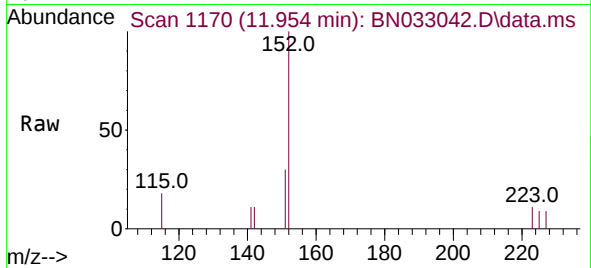




#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 11.954 min Scan# 1158
Delta R.T. 0.039 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

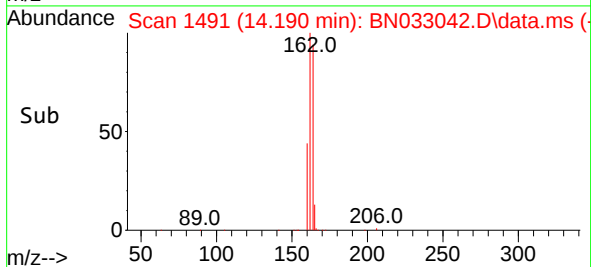
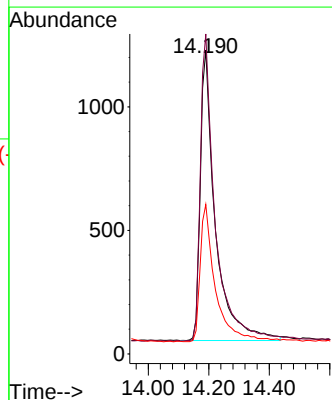
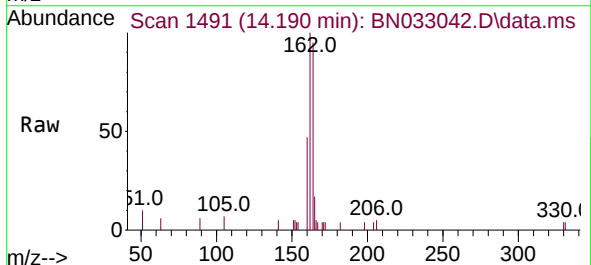
Instrument :
BNA_N
ClientSampleId :
EB-01-072524

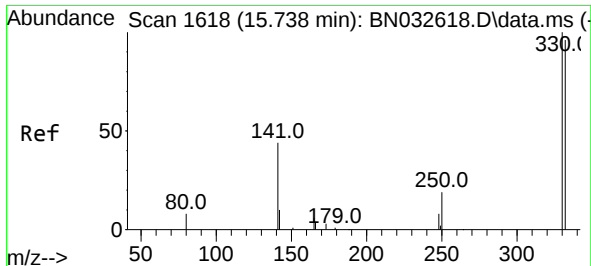
Tgt Ion:152 Resp: 2982
Ion Ratio Lower Upper
152 100
151 14.9 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.190 min Scan# 1491
Delta R.T. 0.012 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Tgt Ion:164 Resp: 4065
Ion Ratio Lower Upper
164 100
162 105.3 85.0 127.4
160 49.2 39.4 59.2

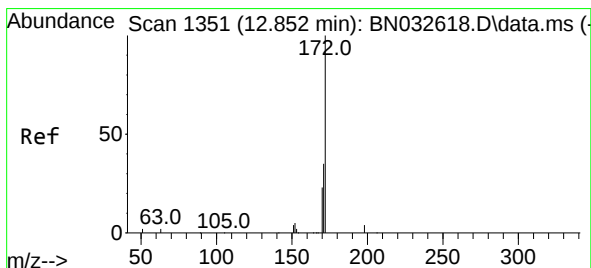
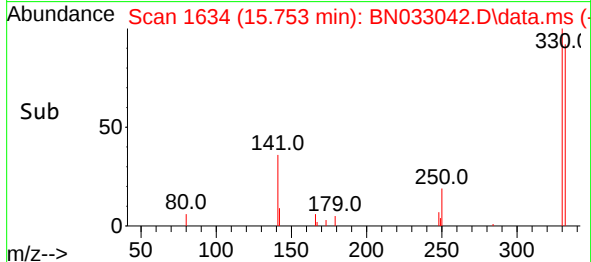
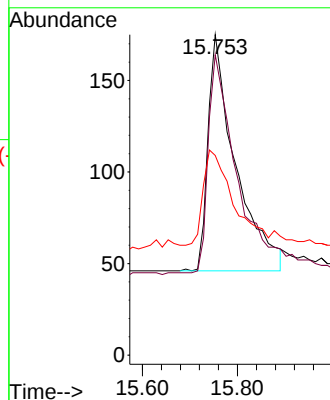
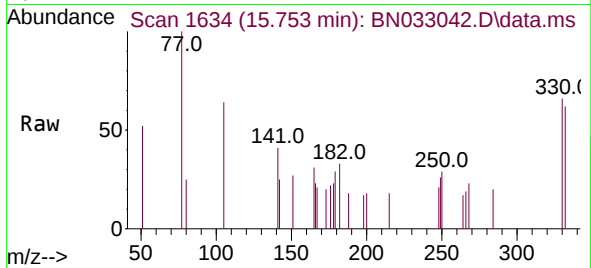




#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.753 min Scan# 1634
Delta R.T. 0.028 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

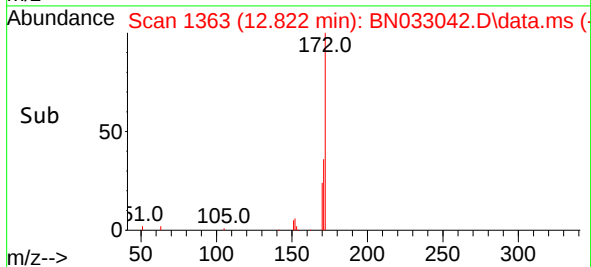
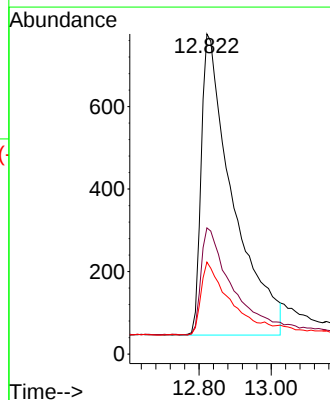
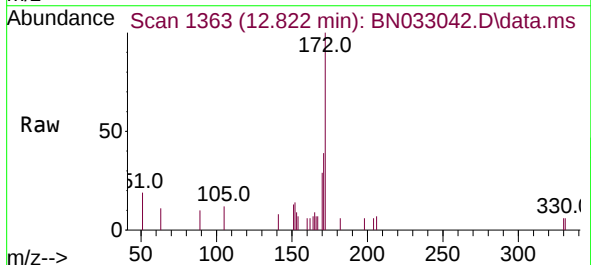
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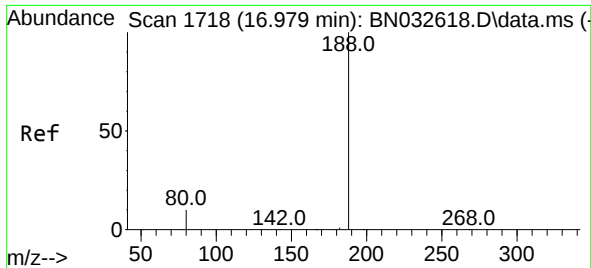
Tgt Ion: 330 Resp: 518
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 45.8 34.2 51.2



#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.822 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Tgt Ion: 172 Resp: 4413
Ion Ratio Lower Upper
172 100
171 39.4 28.6 43.0
170 28.7 19.0 28.6#

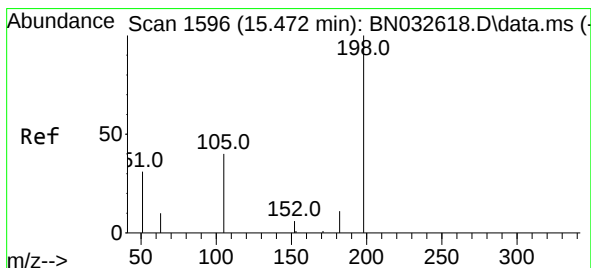
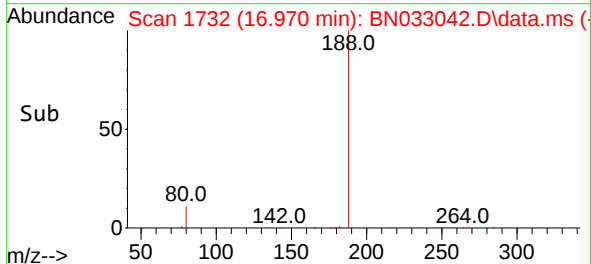
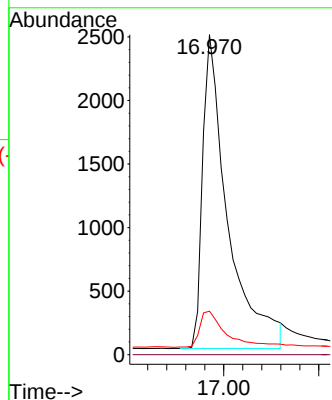
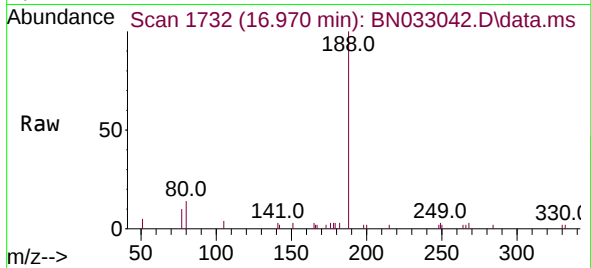




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 11
Delta R.T. 0.016 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

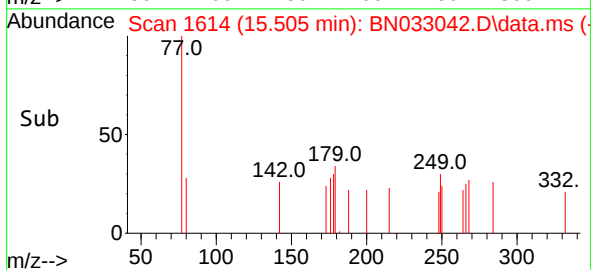
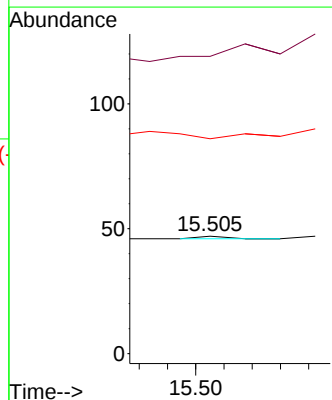
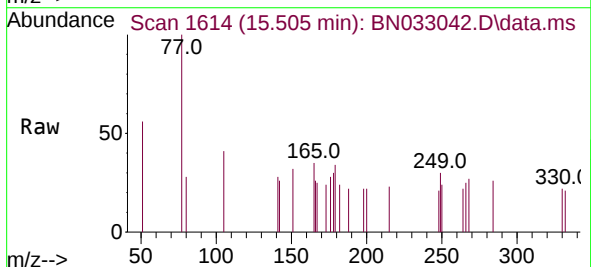
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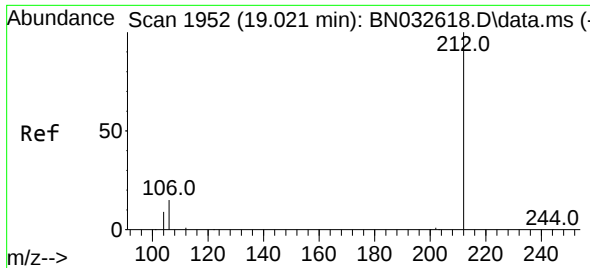
Tgt Ion:188 Resp: 9060
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.294 ng
RT: 15.505 min Scan# 1614
Delta R.T. 0.033 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 253.2 105.7 158.5#
105 183.0 63.0 94.6#

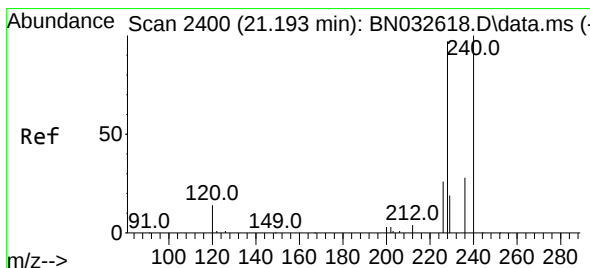
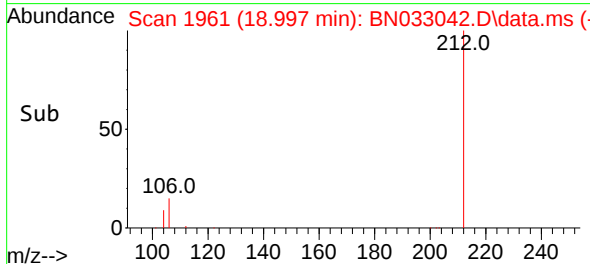
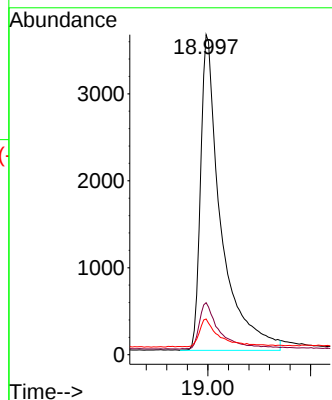
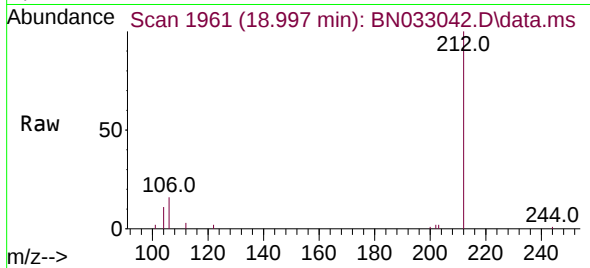




#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 18.997 min Scan# 1952
Delta R.T. 0.003 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

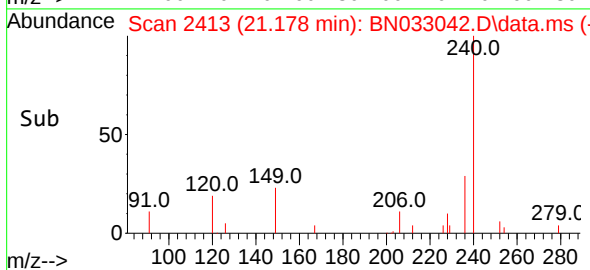
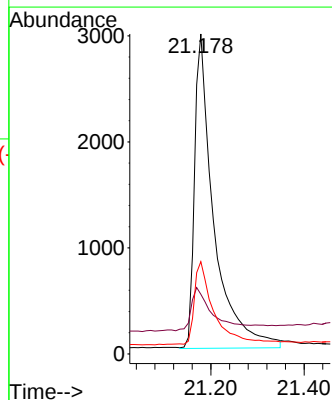
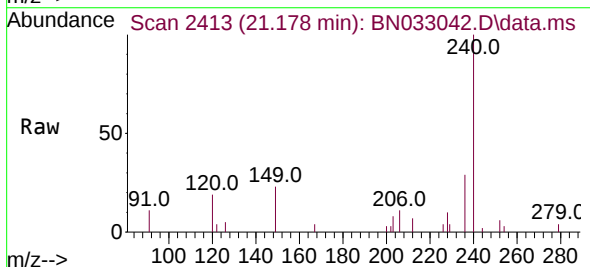
Instrument :
BNA_N
ClientSampleId :
EB-01-072524

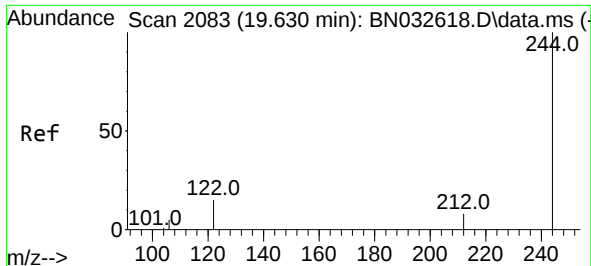
Tgt Ion:212 Resp: 9966
Ion Ratio Lower Upper
212 100
106 14.7 11.9 17.9
104 8.6 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.178 min Scan# 2413
Delta R.T. 0.012 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Tgt Ion:240 Resp: 8529
Ion Ratio Lower Upper
240 100
120 18.7 14.8 22.2
236 28.9 23.3 34.9

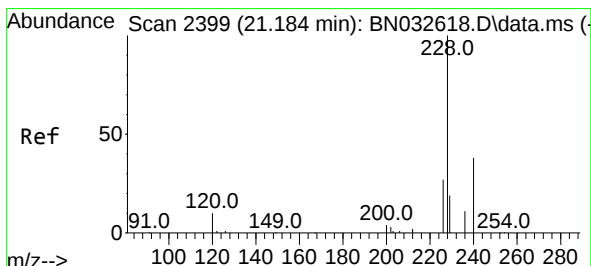
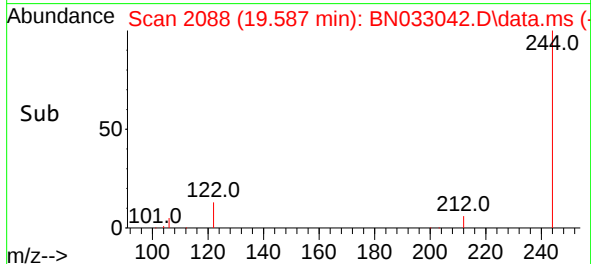
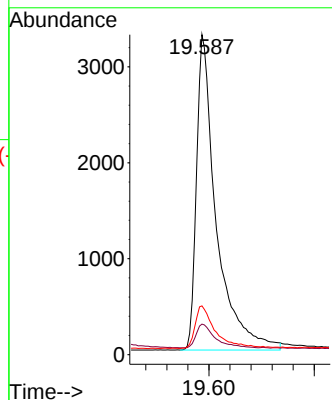
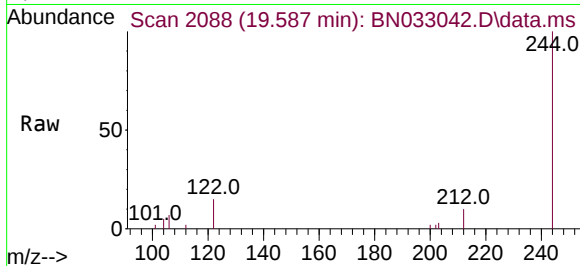




#31
Terphenyl-d14
Concen: 0.491 ng
RT: 19.587 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

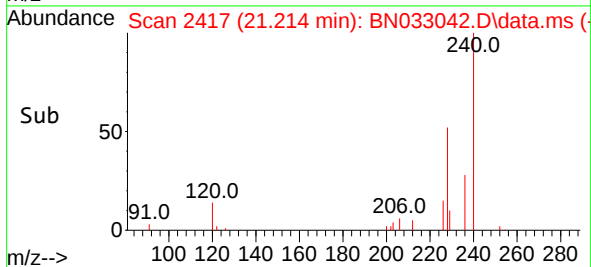
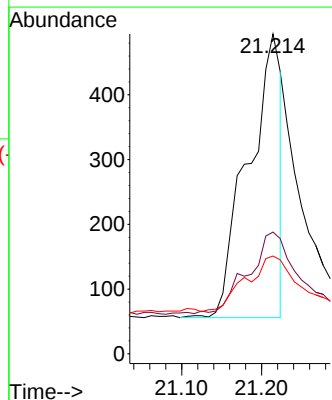
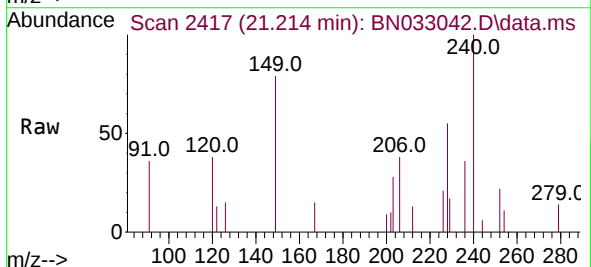
Instrument :
BNA_N
ClientSampleId :
EB-01-072524

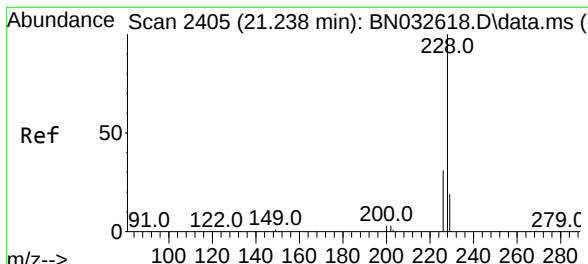
Tgt Ion:244 Resp: 8586
Ion Ratio Lower Upper
244 100
212 9.5 7.5 11.3
122 15.3 12.6 19.0



#32
Benzo(a)anthracene
Concen: 0.047 ng
RT: 21.214 min Scan# 2417
Delta R.T. 0.066 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Tgt Ion:228 Resp: 1255
Ion Ratio Lower Upper
228 100
226 38.1 21.8 32.6#
229 30.6 16.0 24.0#





#33

Chrysene

Concen: 0.060 ng

RT: 21.214 min Scan# 2417

Delta R.T. 0.012 min

Lab File: BN033042.D

Acq: 27 Jul 2024 20:51

Instrument :

BNA_N

ClientSampleId :

EB-01-072524

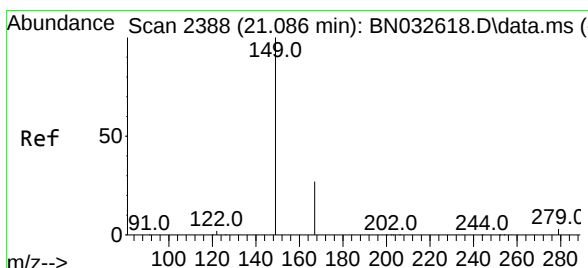
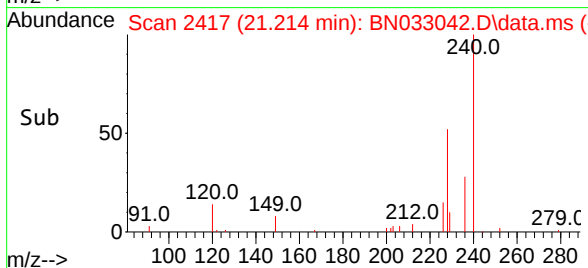
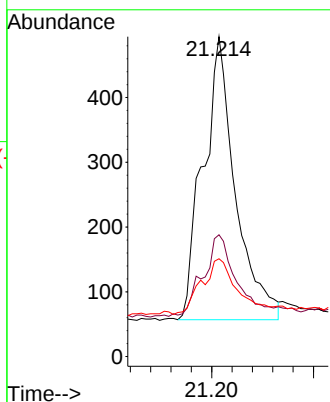
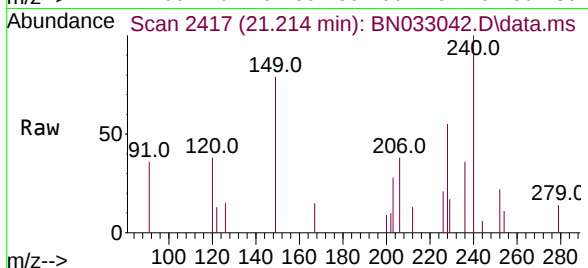
Tgt Ion:228 Resp: 1925

Ion Ratio Lower Upper

228 100

226 38.1 24.2 36.2#

229 30.6 16.0 24.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.313 ng

RT: 21.026 min Scan# 2396

Delta R.T. -0.024 min

Lab File: BN033042.D

Acq: 27 Jul 2024 20:51

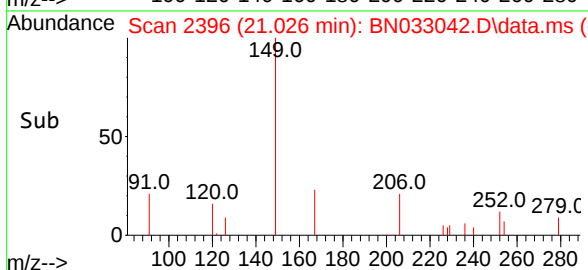
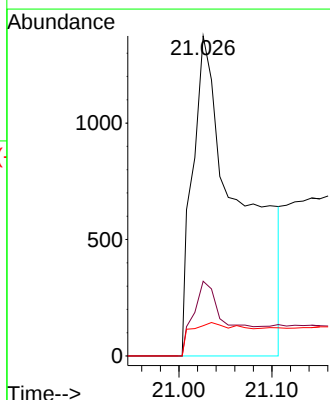
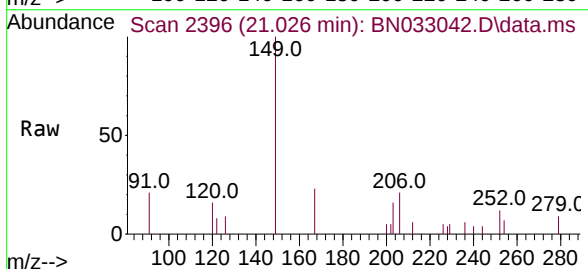
Tgt Ion:149 Resp: 4670

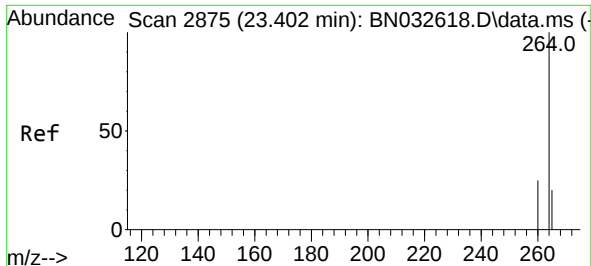
Ion Ratio Lower Upper

149 100

167 16.7 21.4 32.2#

279 11.8 2.8 4.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.361 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN033042.D

Acq: 27 Jul 2024 20:51

Instrument :

BNA_N

ClientSampleId :

EB-01-072524

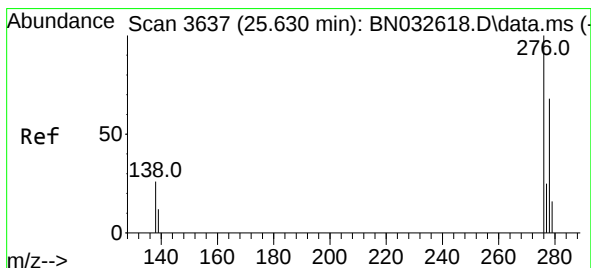
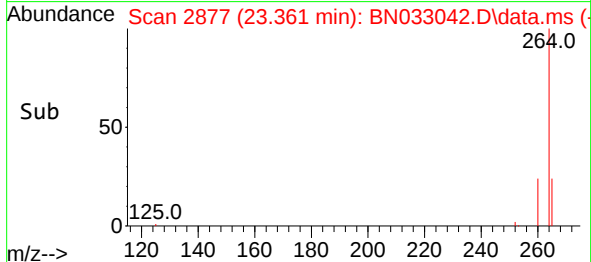
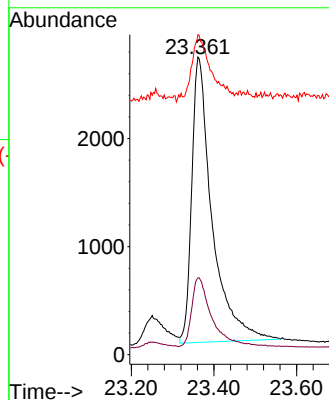
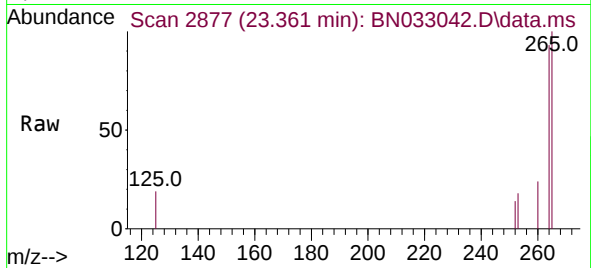
Tgt Ion:264 Resp: 9022

Ion Ratio Lower Upper

264 100

260 25.8 20.9 31.3

265 107.5 85.4 128.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng

RT: 25.639 min Scan# 3656

Delta R.T. 0.070 min

Lab File: BN033042.D

Acq: 27 Jul 2024 20:51

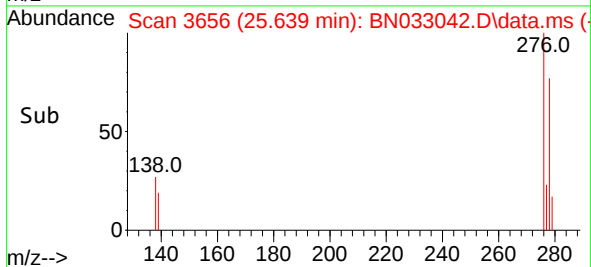
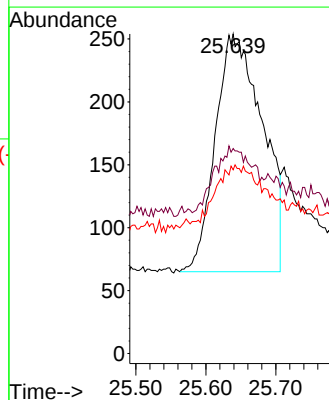
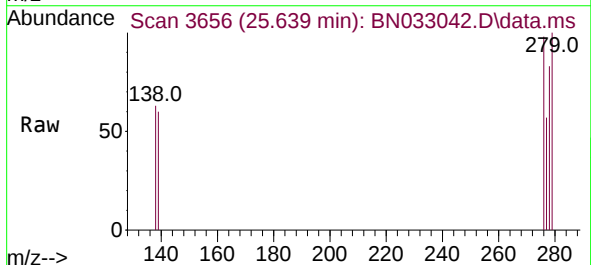
Tgt Ion:276 Resp: 886

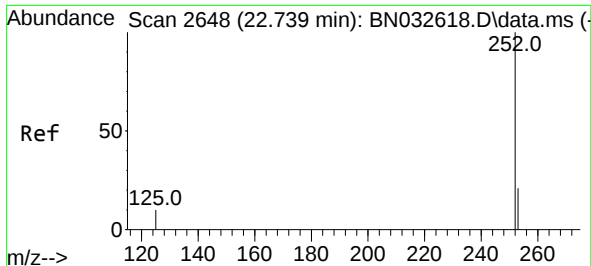
Ion Ratio Lower Upper

276 100

138 18.8 21.0 31.4#

277 11.6 19.5 29.3#





#37

Benzo(b)fluoranthene

Concen: 0.025 ng

RT: 22.721 min Scan# 2658

Delta R.T. 0.021 min

Lab File: BN033042.D

Acq: 27 Jul 2024 20:51

Instrument :

BNA_N

ClientSampleId :

EB-01-072524

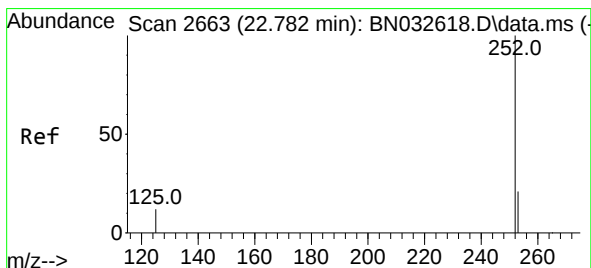
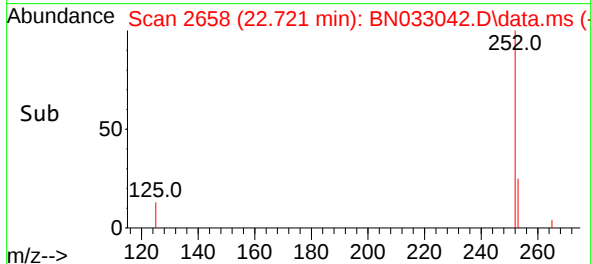
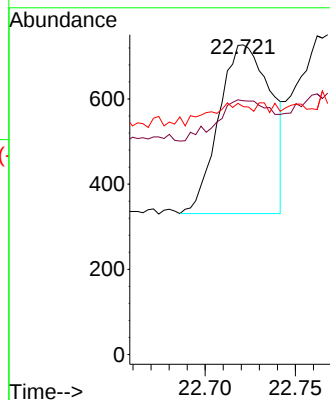
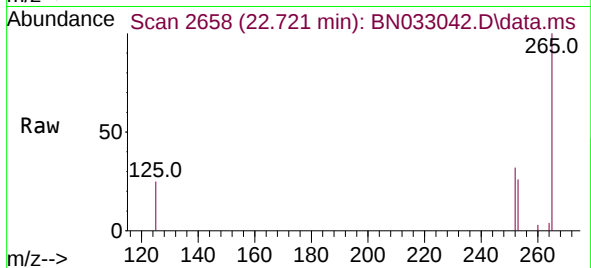
Tgt Ion:252 Resp: 798

Ion Ratio Lower Upper

252 100

253 82.0 22.3 33.5#

125 80.1 15.4 23.2#



#38

Benzo(k)fluoranthene

Concen: 0.026 ng

RT: 22.771 min Scan# 2675

Delta R.T. 0.026 min

Lab File: BN033042.D

Acq: 27 Jul 2024 20:51

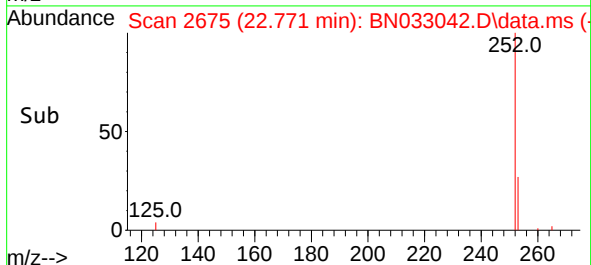
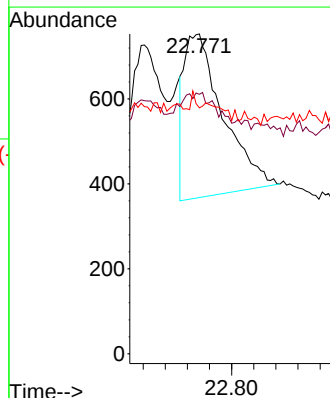
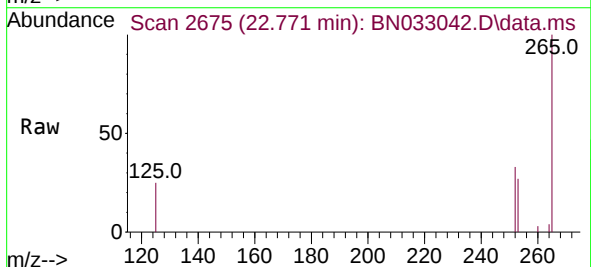
Tgt Ion:252 Resp: 937

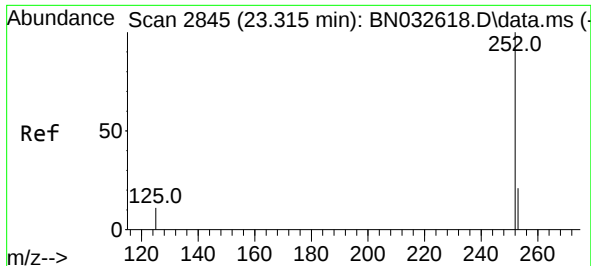
Ion Ratio Lower Upper

252 100

253 81.1 22.6 34.0#

125 76.9 16.2 24.4#





#39

Benzo(a)pyrene

Concen: 0.024 ng

RT: 23.303 min Scan# 21

Delta R.T. 0.035 min

Lab File: BN033042.D

Acq: 27 Jul 2024 20:51

Instrument :

BNA_N

ClientSampleId :

EB-01-072524

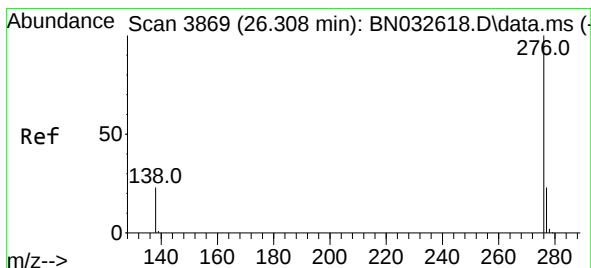
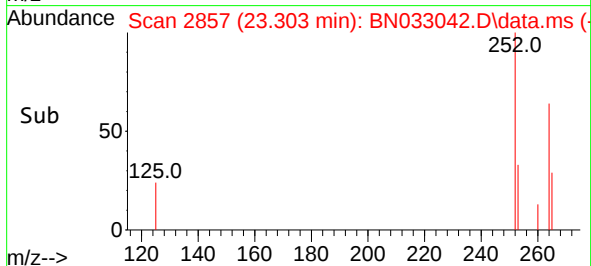
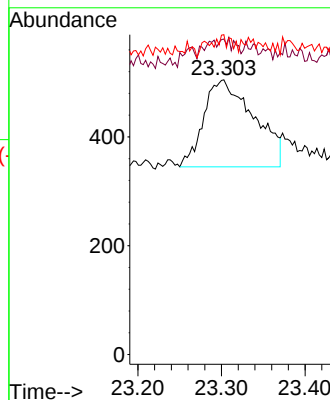
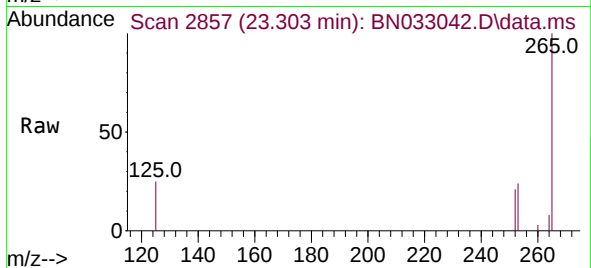
Tgt Ion:252 Resp: 668

Ion Ratio Lower Upper

252 100

253 114.9 25.8 38.8#

125 116.4 21.4 32.2#



#41

Benzo(g,h,i)perylene

Concen: 0.028 ng

RT: 26.308 min Scan# 3885

Delta R.T. 0.059 min

Lab File: BN033042.D

Acq: 27 Jul 2024 20:51

Tgt Ion:276 Resp: 886

Ion Ratio Lower Upper

276 100

277 56.7 20.2 30.2#

138 62.9 20.5 30.7#

