

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
 Data File : BN033267.D
 Acq On : 06 Aug 2024 11:11
 Operator : MA/JU
 Sample : P3459-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-224-375

Quant Time: Aug 06 11:54:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 23:57:48 2024
 Response via : Initial Calibration

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

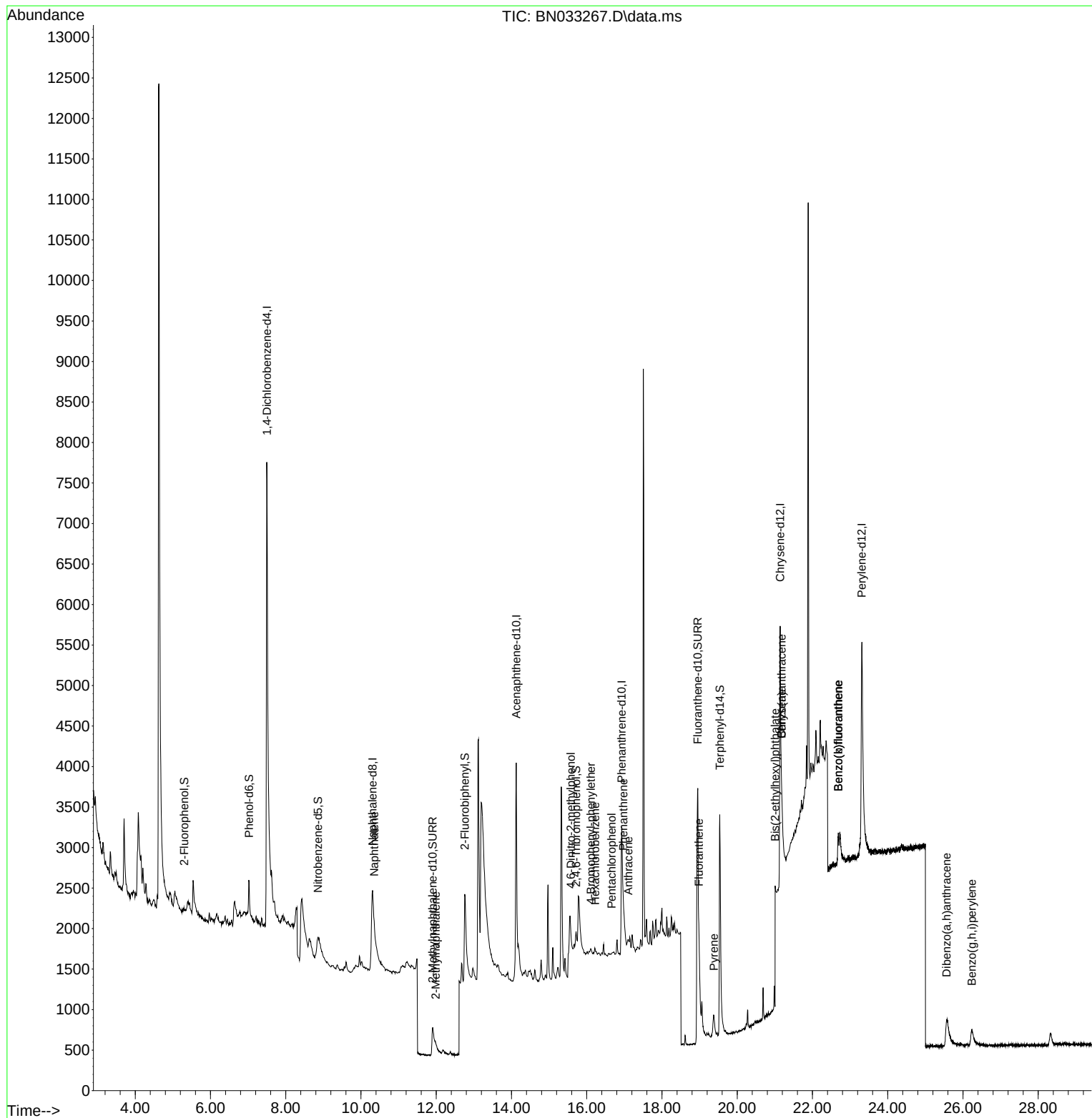
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.503	152	874	0.400	ng	0.00
7) Naphthalene-d8	10.308	136	3130	0.400	ng	-0.01
13) Acenaphthene-d10	14.126	164	2089	0.400	ng	0.00
19) Phenanthrene-d10	16.932	188	4843	0.400	ng	0.01
29) Chrysene-d12	21.142	240	5715	0.400	ng	0.02
35) Perylene-d12	23.312	264	6255	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	126	0.058	ng	0.00
5) Phenol-d6	7.026	99	277	0.093	ng	0.04
8) Nitrobenzene-d5	8.856	82	772	0.307	ng	-0.06
11) 2-Methylnaphthalene-d10	11.908	152	1461	0.315	ng	-0.02
14) 2,4,6-Tribromophenol	15.716	330	311	0.399	ng	0.00
15) 2-Fluorobiphenyl	12.757	172	2484	0.348	ng	-0.04
27) Fluoranthene-d10	18.950	212	5785	0.427	ng	0.00
31) Terphenyl-d14	19.535	244	5342	0.541	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.047	88	28	Below Cal	#	25
9) Naphthalene	10.351	128	386	0.045	ng	# 34
12) 2-Methylnaphthalene	11.988	142	127	0.025	ng	# 63
20) 4,6-Dinitro-2-methylph...	15.579	198	3	0.251	ng	# 39
21) 4-Bromophenyl-phenylether	16.113	248	65	0.025	ng	# 87
22) Hexachlorobenzene	16.225	284	72	0.027	ng	# 86
24) Pentachlorophenol	16.659	266	24	0.027	ng	# 19
25) Phenanthrene	16.970	178	423	0.032	ng	# 87
26) Anthracene	17.106	178	276	0.025	ng	# 79
28) Fluoranthene	18.983	202	626	0.035	ng	# 88
30) Pyrene	19.378	202	620	0.031	ng	# 99
32) Benzo(a)anthracene	21.178	228	980	0.060	ng	# 74
33) Chrysene	21.178	228	1331	0.060	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.008	149	924	0.234	ng	# 81
37) Benzo(b)fluoranthene	22.683	252	561	0.030	ng	# 1
38) Benzo(k)fluoranthene	22.683	252	561	0.024	ng	# 1
40) Dibenzo(a,h)anthracene	25.560	278	483	0.022	ng	# 1
41) Benzo(g,h,i)perylene	26.235	276	696	0.027	ng	# 36

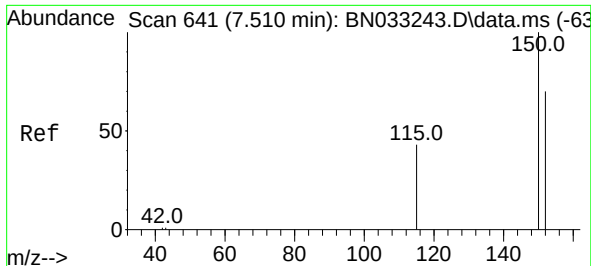
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
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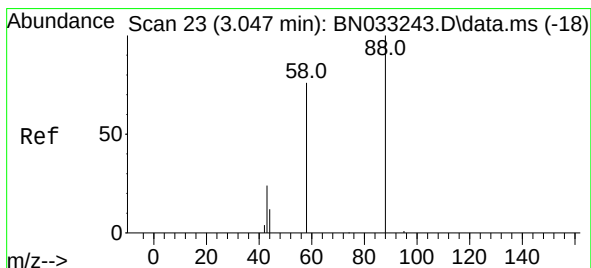
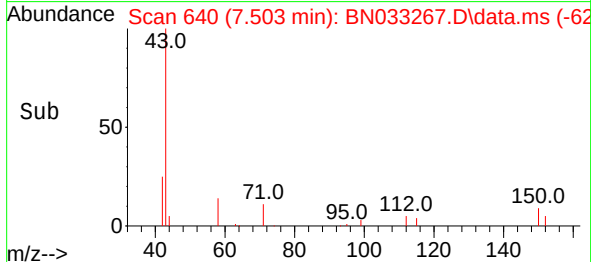
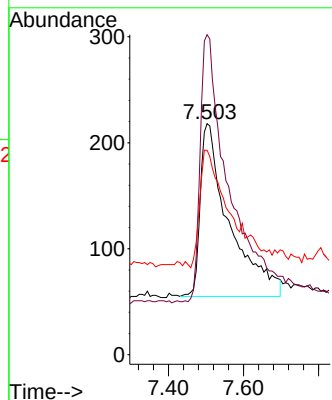
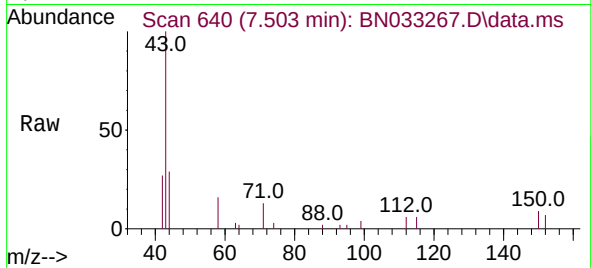




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.503 min Scan# 641
Delta R.T. -0.007 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

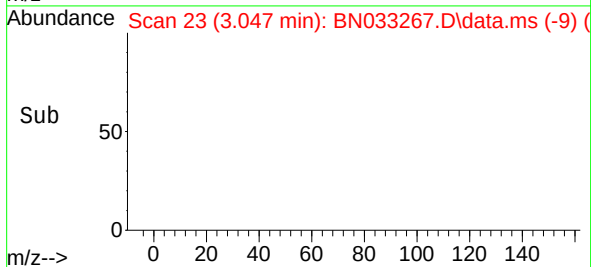
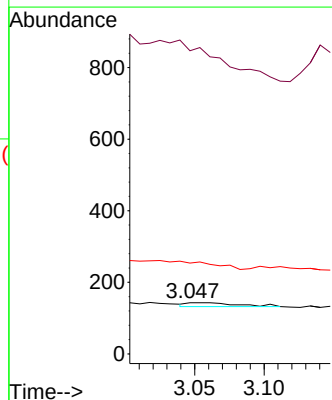
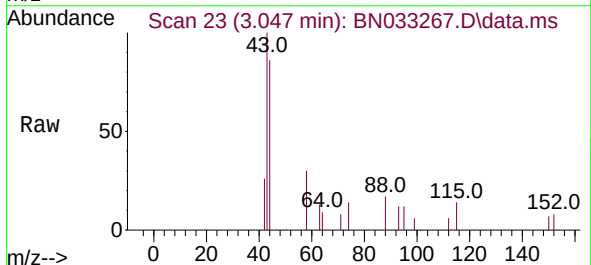
Instrument :
BNA_N
ClientSampleId :
EB-224-375

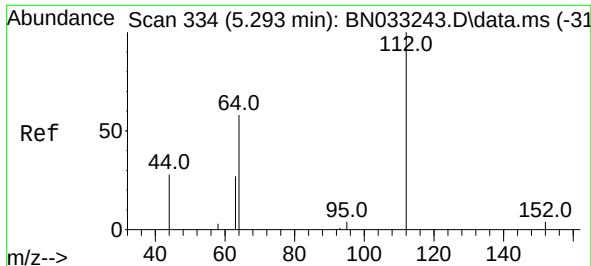
Tgt Ion:152 Resp: 874
Ion Ratio Lower Upper
152 100
150 138.5 108.2 162.2
115 88.5 70.5 105.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.047 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

Tgt Ion: 88 Resp: 28
Ion Ratio Lower Upper
88 100
43 0.0 18.6 28.0#
58 0.0 54.5 81.7#

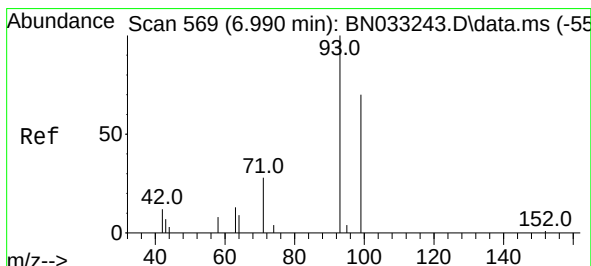
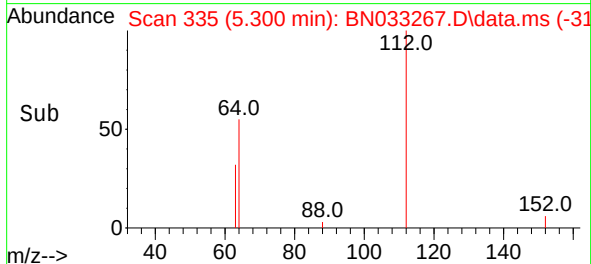
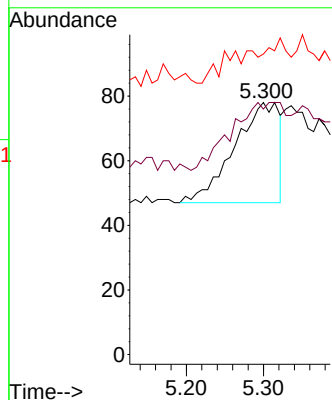
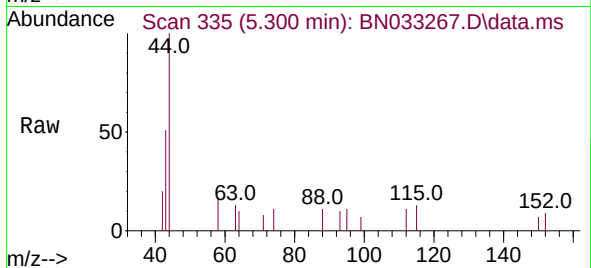




#4
2-Fluorophenol
Concen: 0.058 ng
RT: 5.300 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

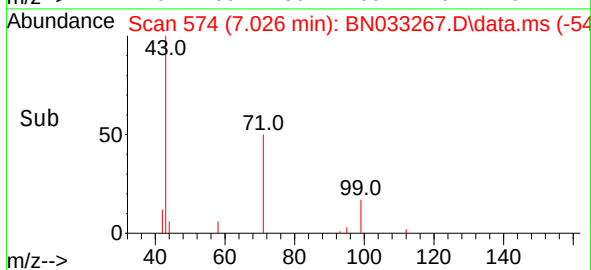
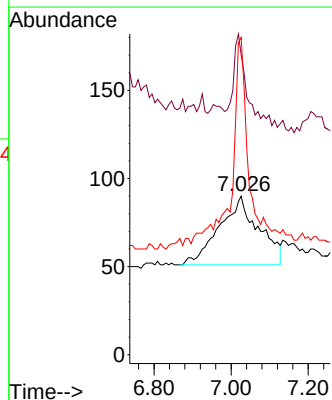
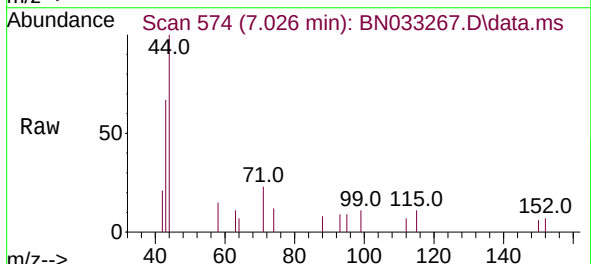
Instrument :
BNA_N
ClientSampleId :
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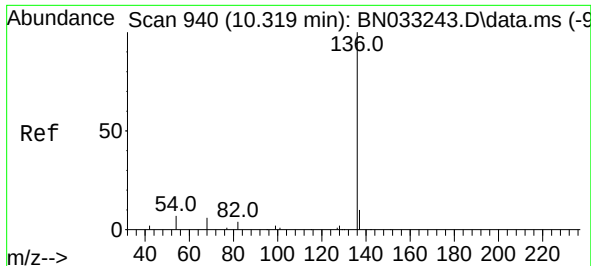
Tgt Ion:112 Resp: 126
Ion Ratio Lower Upper
112 100
64 84.9 18.0 27.0#
63 0.0 0.0 0.0



#5
Phenol-d6
Concen: 0.093 ng
RT: 7.026 min Scan# 574
Delta R.T. 0.036 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

Tgt Ion: 99 Resp: 277
Ion Ratio Lower Upper
99 100
42 47.7 0.0 0.0#
71 130.7 0.0 0.0#

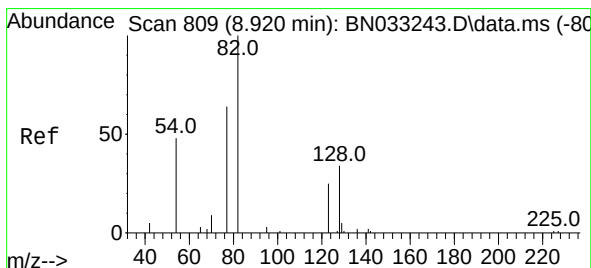
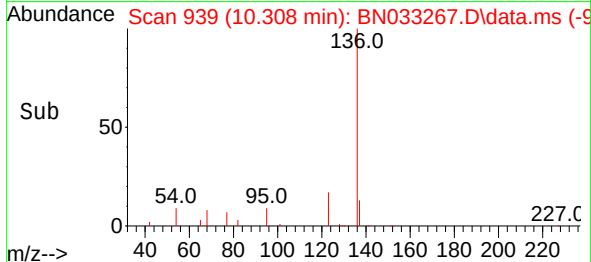
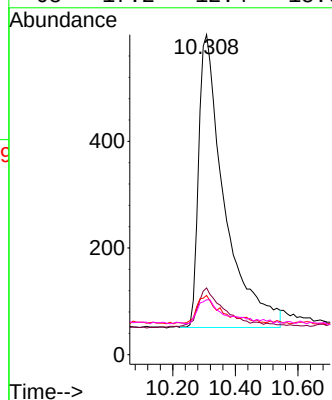
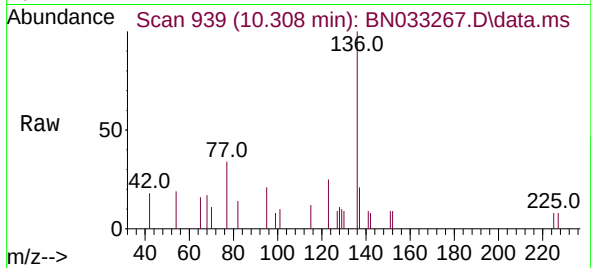




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.308 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

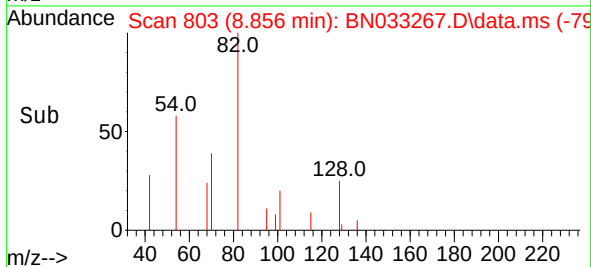
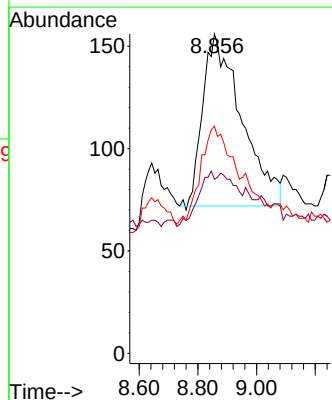
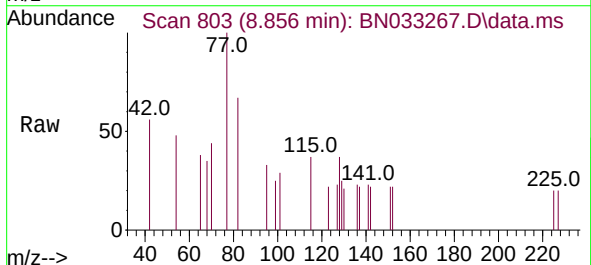
Instrument :
BNA_N
ClientSampleId :
EB-224-375

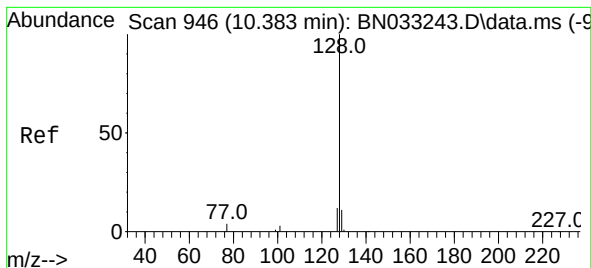
Tgt Ion:	136	Resp:	3130
Ion	Ratio	Lower	Upper
136	100		
137	20.8	14.1	21.1
54	18.5	13.8	20.8
68	17.2	12.4	18.6



#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.856 min Scan# 803
Delta R.T. -0.064 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

Tgt Ion:	82	Resp:	772
Ion	Ratio	Lower	Upper
82	100		
128	54.5	54.8	82.2#
54	71.2	55.9	83.9





#9

Naphthalene

Concen: 0.045 ng

RT: 10.351 min Scan# 946

Delta R.T. -0.032 min

Lab File: BN033267.D

Acq: 06 Aug 2024 11:11

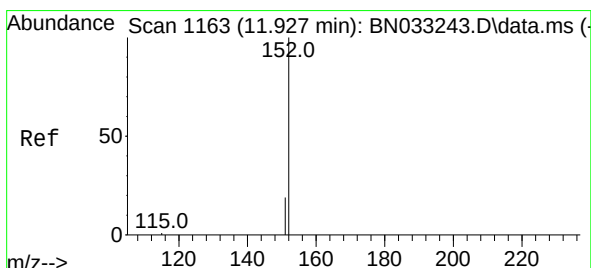
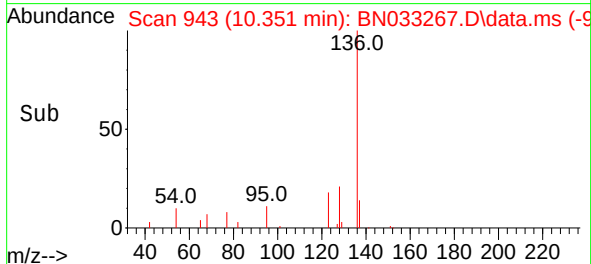
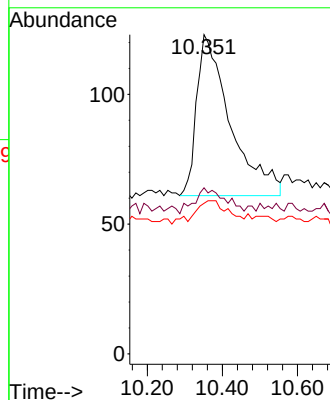
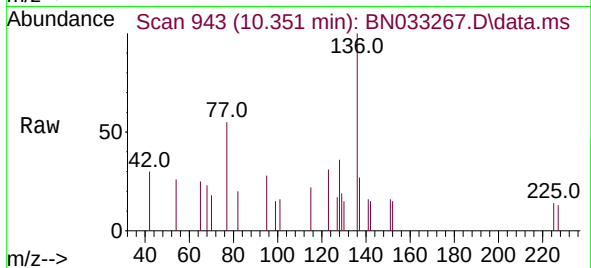
Instrument :

BNA_N

ClientSampleId :

EB-224-375

Tgt Ion:128	Resp:	386
Ion Ratio	Lower	Upper
128	100	
129	52.0	15.4 23.0#
127	47.2	15.8 23.6#



#11

2-Methylnaphthalene-d10

Concen: 0.315 ng

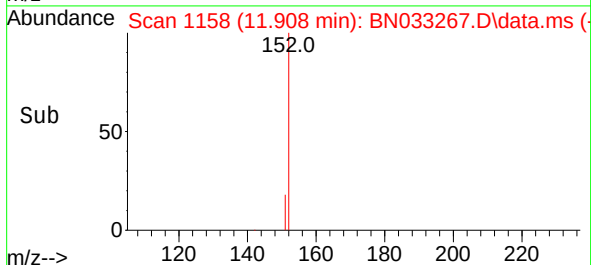
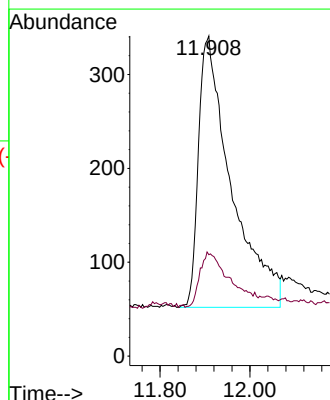
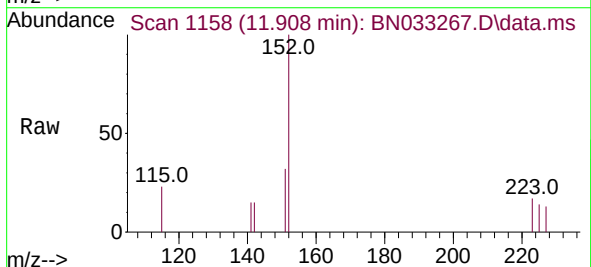
RT: 11.908 min Scan# 1158

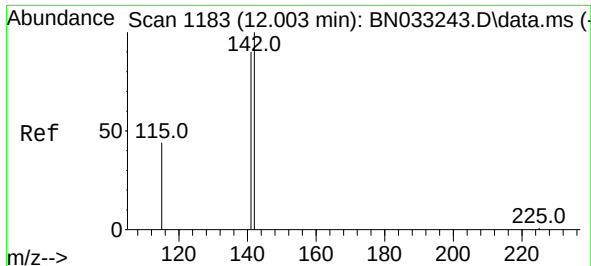
Delta R.T. -0.019 min

Lab File: BN033267.D

Acq: 06 Aug 2024 11:11

Tgt Ion:152	Resp:	1461
Ion Ratio	Lower	Upper
152	100	
151	18.2	11.9 17.9#





#12

2-Methylnaphthalene

Concen: 0.025 ng

RT: 11.988 min Scan# 1179

Delta R.T. -0.015 min

Lab File: BN033267.D

Acq: 06 Aug 2024 11:11

Instrument :

BNA_N

ClientSampleId :

EB-224-375

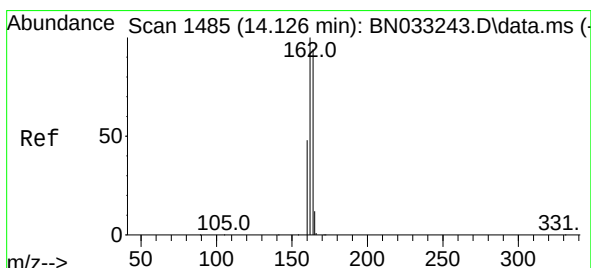
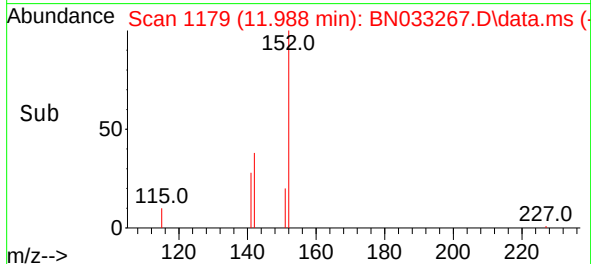
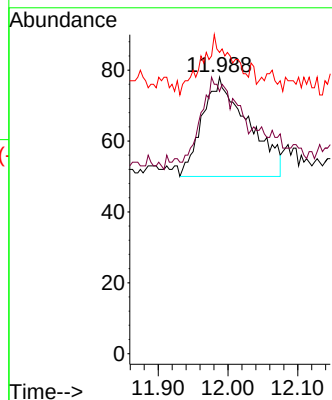
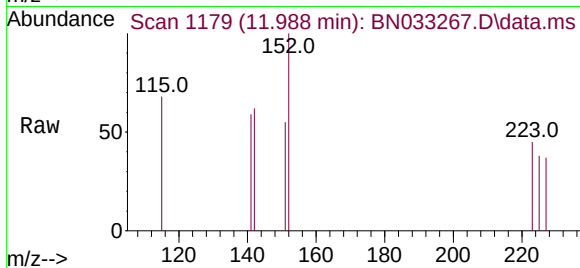
Tgt Ion:142 Resp: 127

Ion Ratio Lower Upper

142 100

141 94.9 68.7 103.1

115 109.0 41.6 62.4#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.126 min Scan# 1485

Delta R.T. -0.000 min

Lab File: BN033267.D

Acq: 06 Aug 2024 11:11

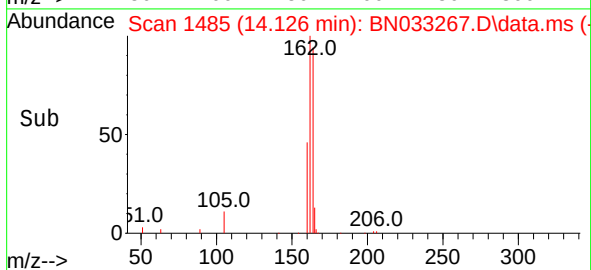
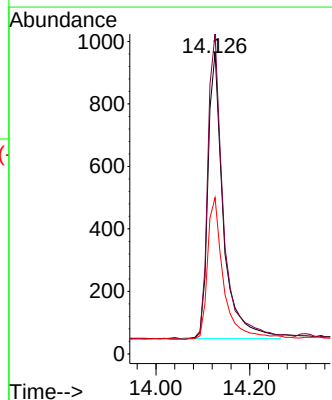
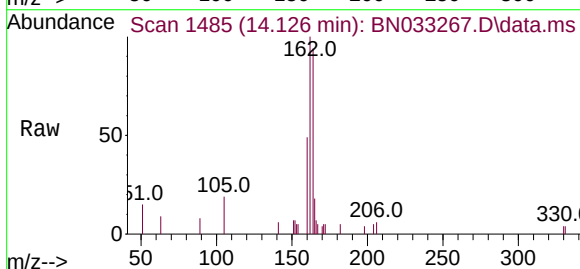
Tgt Ion:164 Resp: 2089

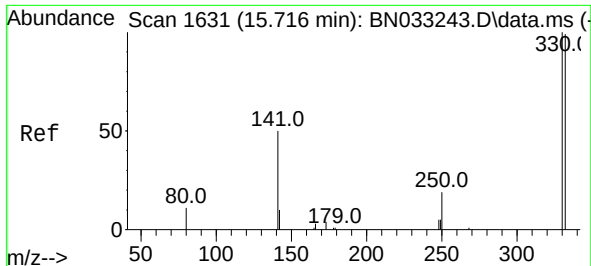
Ion Ratio Lower Upper

164 100

162 106.1 84.6 127.0

160 51.8 42.4 63.6

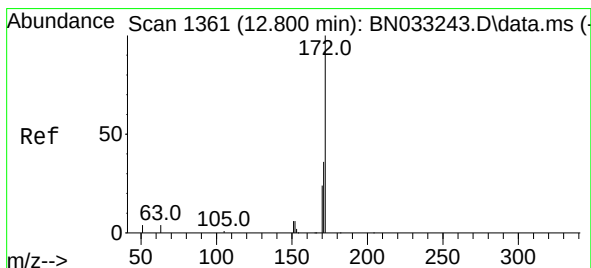
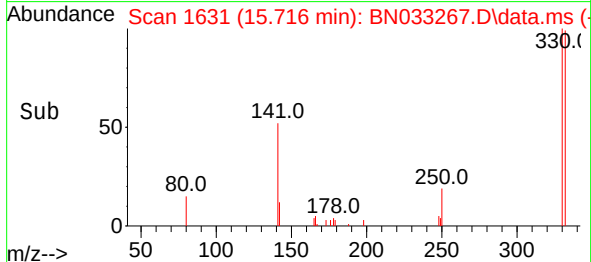
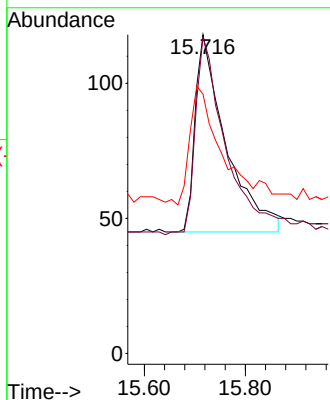
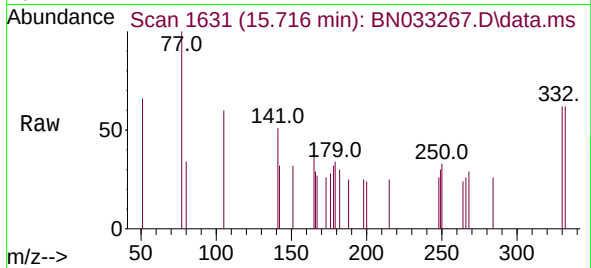




#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

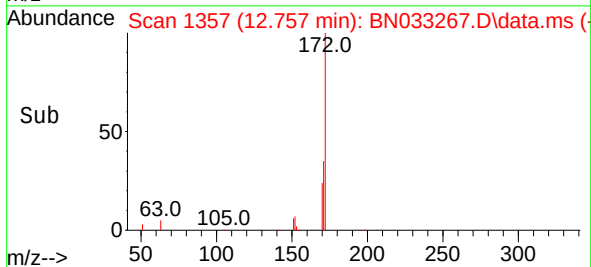
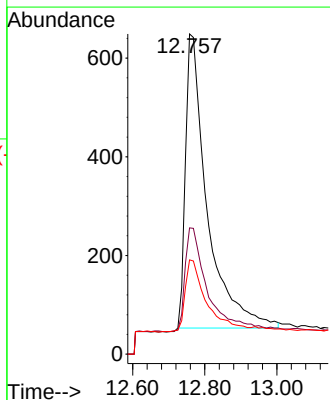
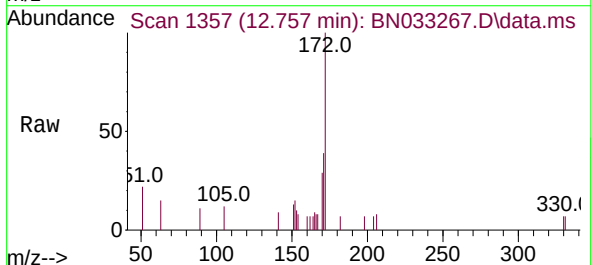
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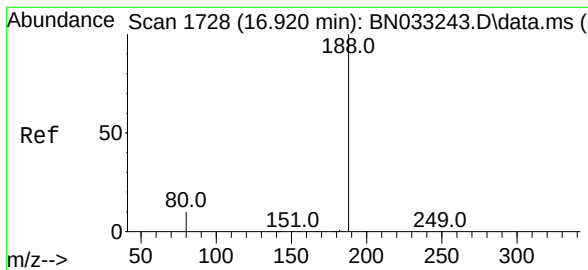
Tgt Ion:330 Resp: 311
Ion Ratio Lower Upper
330 100
332 98.4 73.7 110.5
141 55.9 44.8 67.2



#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 12.757 min Scan# 1357
Delta R.T. -0.043 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

Tgt Ion:172 Resp: 2484
Ion Ratio Lower Upper
172 100
171 39.4 32.3 48.5
170 29.4 23.4 35.2

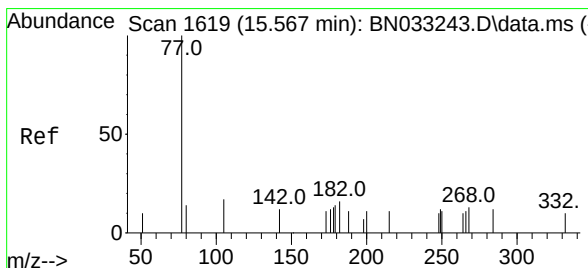
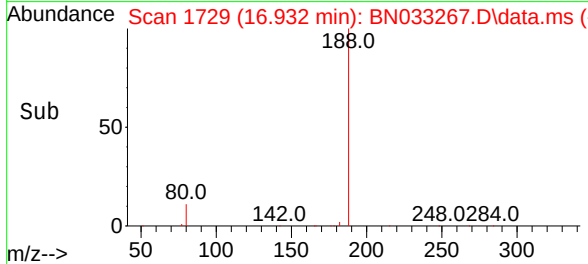
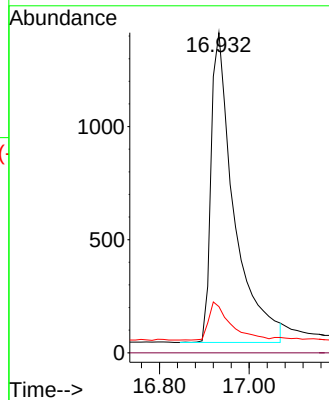
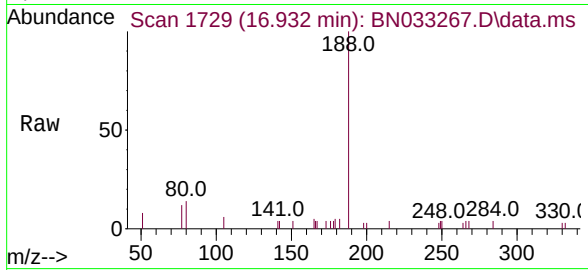




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.932 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

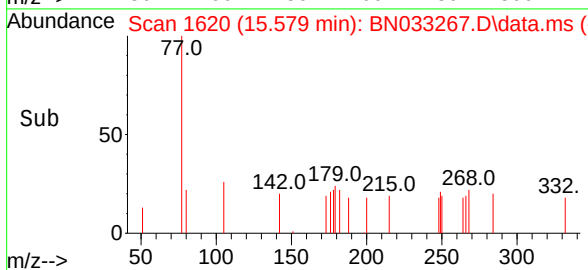
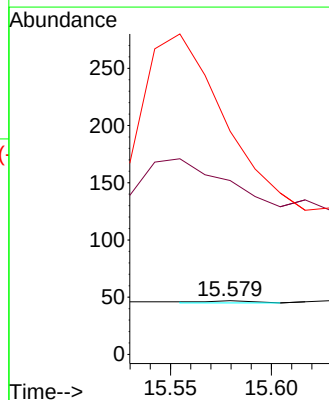
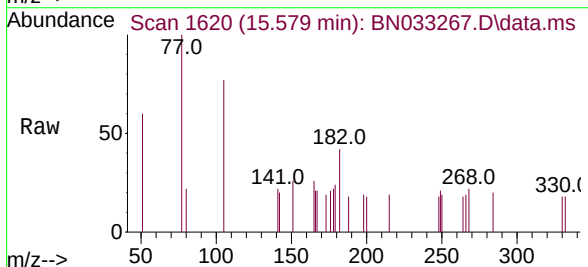
Instrument :
BNA_N
ClientSampleId :
EB-224-375

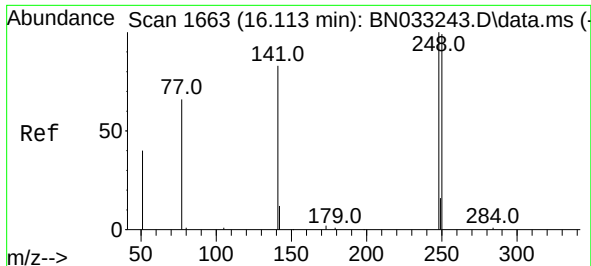
Tgt Ion:188 Resp: 4843
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 10.2 15.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.251 ng
RT: 15.579 min Scan# 1620
Delta R.T. 0.012 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 323.4 250.6 375.8
105 414.9 152.6 229.0#

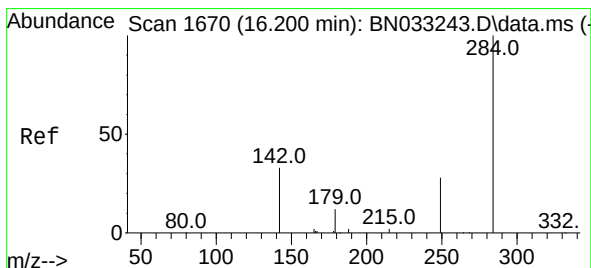
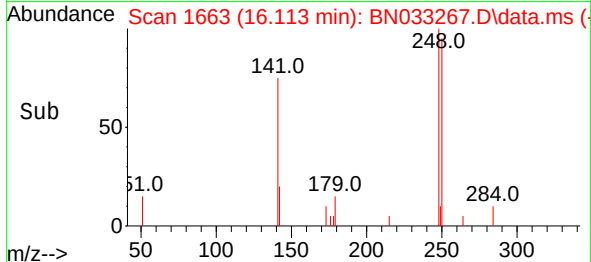
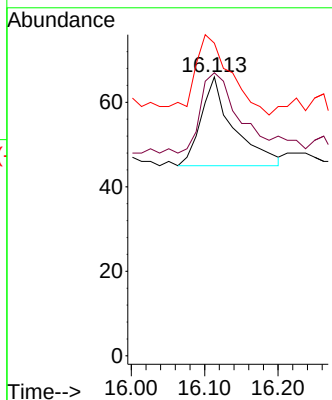
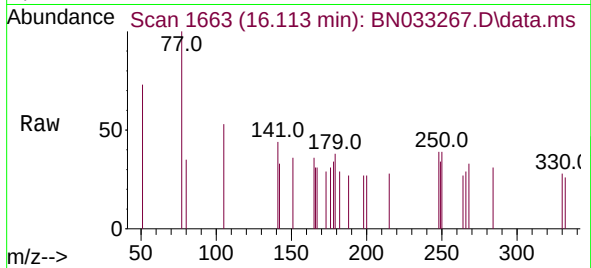




#21
4-Bromophenyl-phenylether
Concen: 0.025 ng
RT: 16.113 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

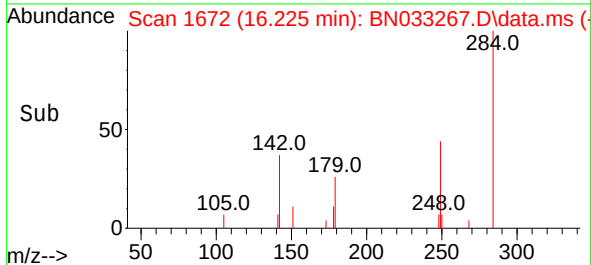
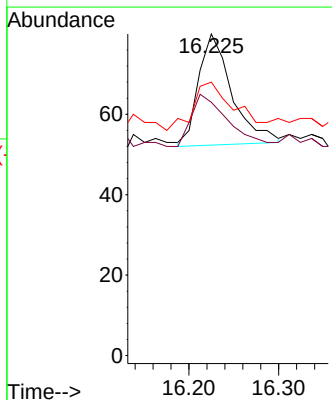
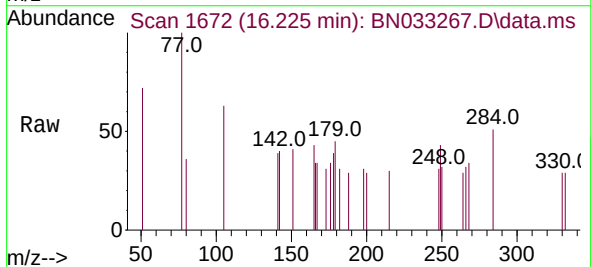
Instrument :
BNA_N
ClientSampleId :
EB-224-375

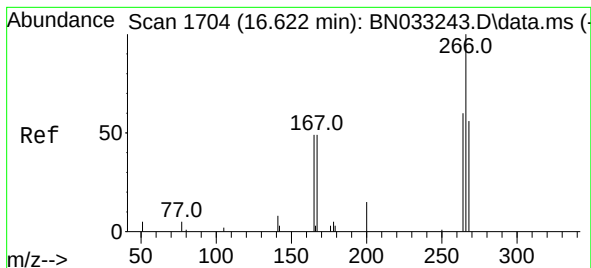
Tgt Ion:248 Resp: 65
Ion Ratio Lower Upper
248 100
250 101.5 80.0 120.0
141 112.1 71.0 106.6#



#22
Hexachlorobenzene
Concen: 0.027 ng
RT: 16.225 min Scan# 1672
Delta R.T. 0.025 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

Tgt Ion:284 Resp: 72
Ion Ratio Lower Upper
284 100
142 50.0 38.8 58.2
249 52.8 27.8 41.6#





#24

Pentachlorophenol

Concen: 0.027 ng

RT: 16.659 min Scan# 1707

Delta R.T. 0.037 min

Lab File: BN033267.D

Acq: 06 Aug 2024 11:11

Instrument :

BNA_N

ClientSampleId :

EB-224-375

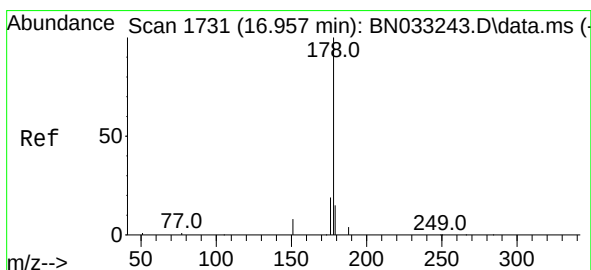
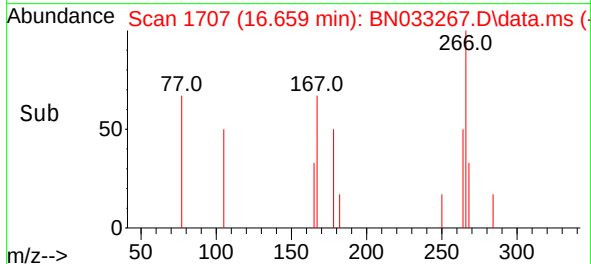
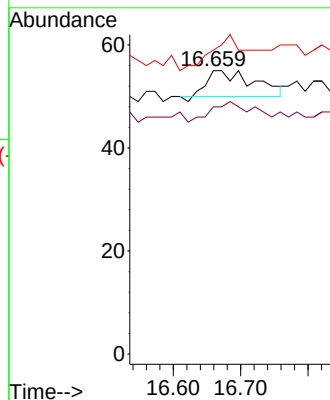
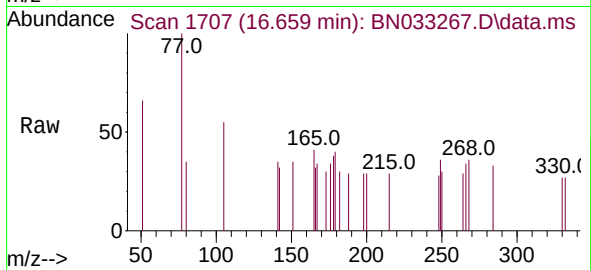
Tgt Ion:266 Resp: 24

Ion Ratio Lower Upper

266 100

264 0.0 49.3 73.9#

268 0.0 50.2 75.2#



#25

Phenanthrene

Concen: 0.032 ng

RT: 16.970 min Scan# 1732

Delta R.T. 0.013 min

Lab File: BN033267.D

Acq: 06 Aug 2024 11:11

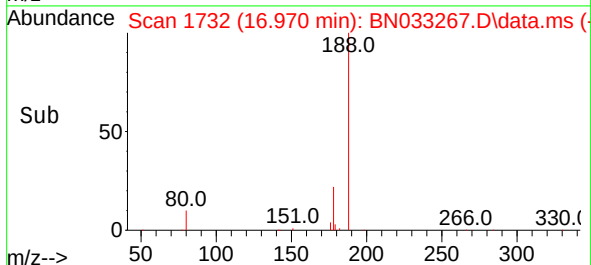
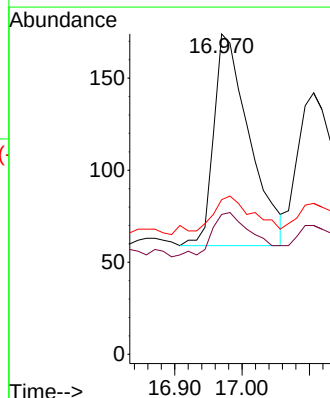
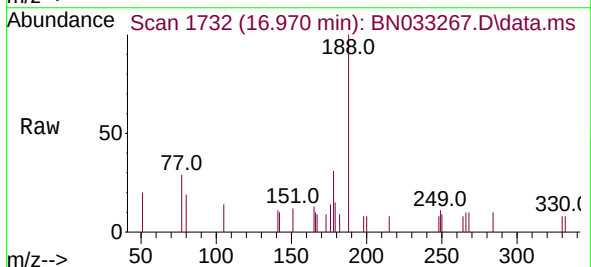
Tgt Ion:178 Resp: 423

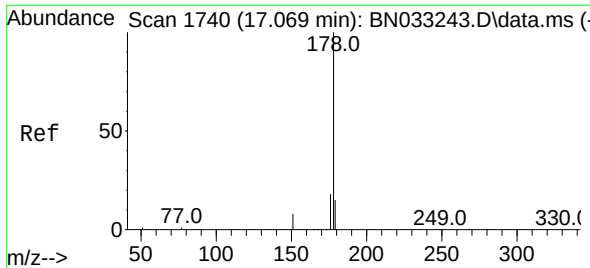
Ion Ratio Lower Upper

178 100

176 24.6 15.7 23.5#

179 22.0 12.4 18.6#

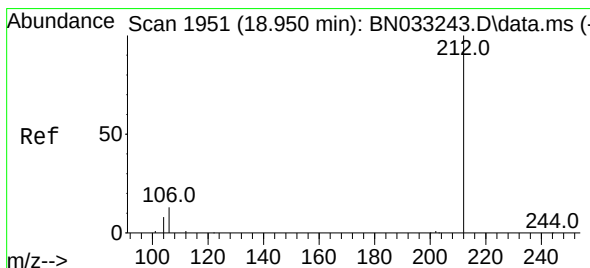
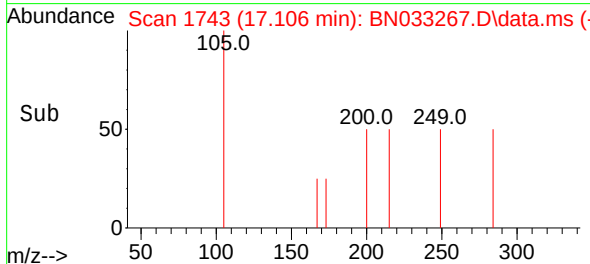
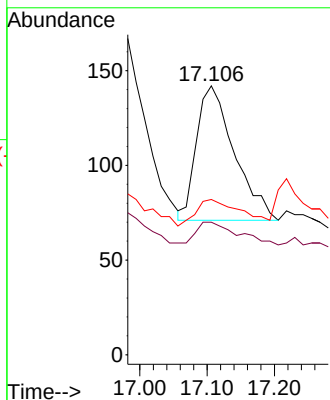
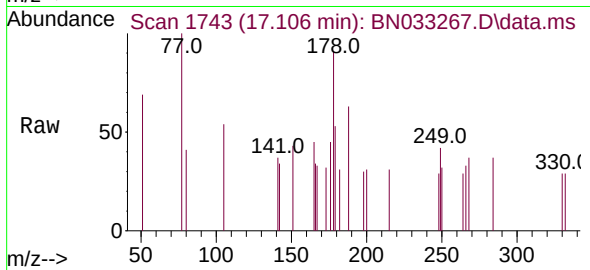




#26
Anthracene
Concen: 0.025 ng
RT: 17.106 min Scan# 1743
Delta R.T. 0.037 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

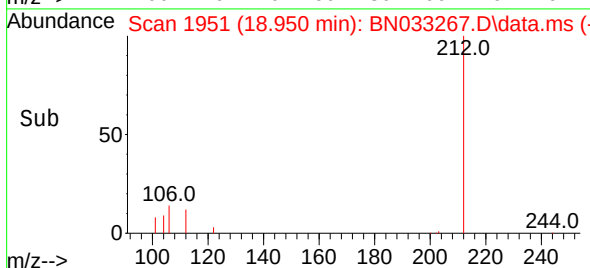
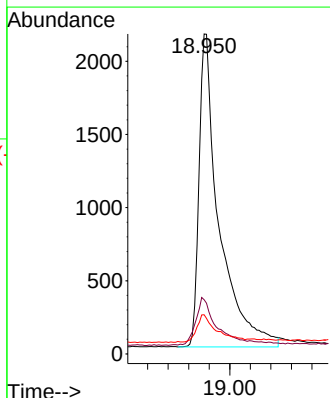
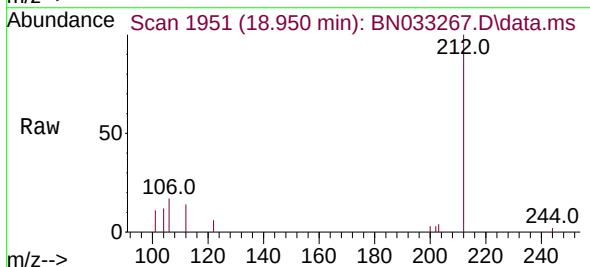
Instrument :
BNA_N
ClientSampleId :
EB-224-375

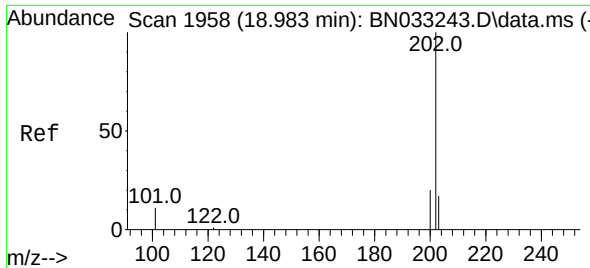
Tgt Ion:178 Resp: 276
Ion Ratio Lower Upper
178 100
176 18.5 10.5 15.7#
179 21.7 8.6 12.8#



#27
Fluoranthene-d10
Concen: 0.427 ng
RT: 18.950 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

Tgt Ion:212 Resp: 5785
Ion Ratio Lower Upper
212 100
106 16.3 11.4 17.0
104 8.7 7.1 10.7

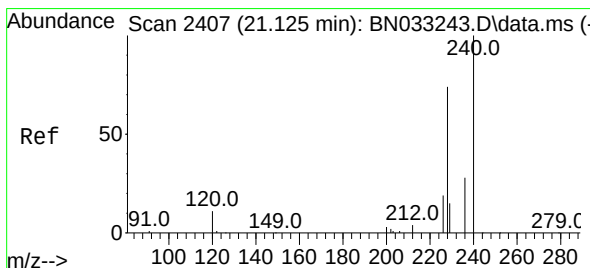
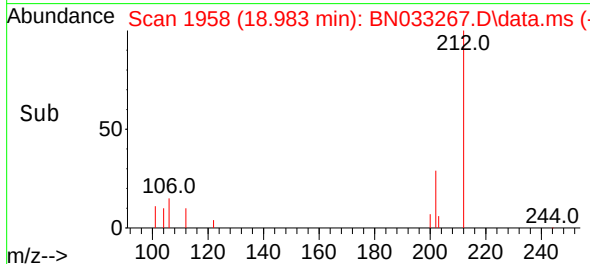
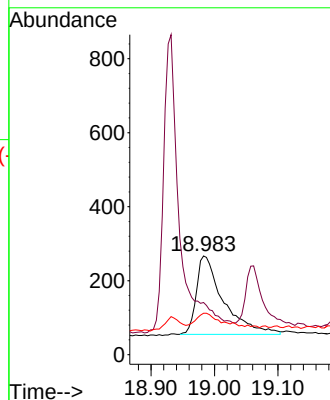
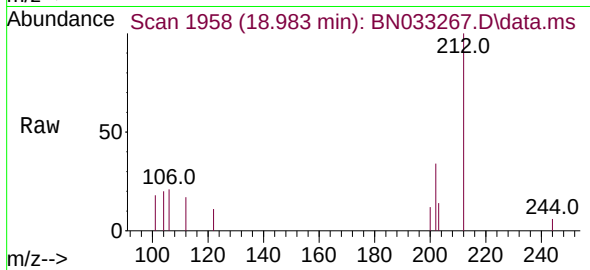




#28
Fluoranthene
Concen: 0.035 ng
RT: 18.983 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

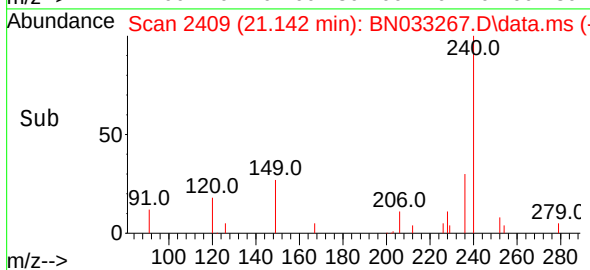
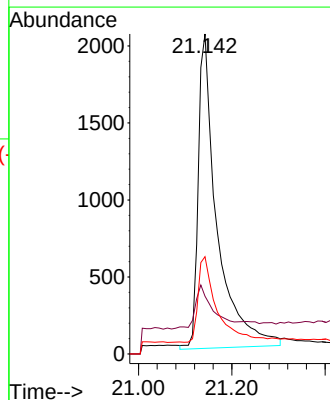
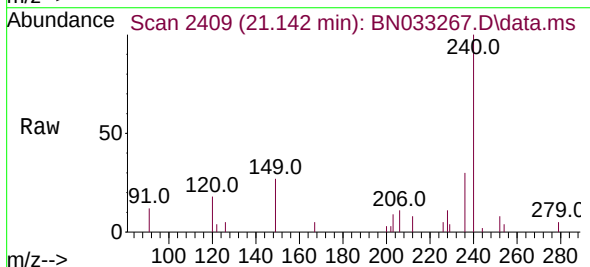
Instrument :
BNA_N
ClientSampleId :
EB-224-375

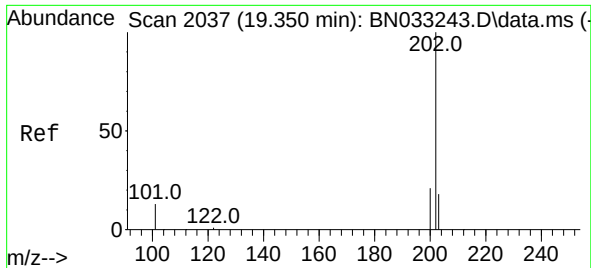
Tgt Ion:202 Resp: 626
Ion Ratio Lower Upper
202 100
101 0.0 8.6 13.0#
203 16.9 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.142 min Scan# 2409
Delta R.T. 0.017 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

Tgt Ion:240 Resp: 5715
Ion Ratio Lower Upper
240 100
120 18.0 13.3 19.9
236 30.4 23.8 35.6

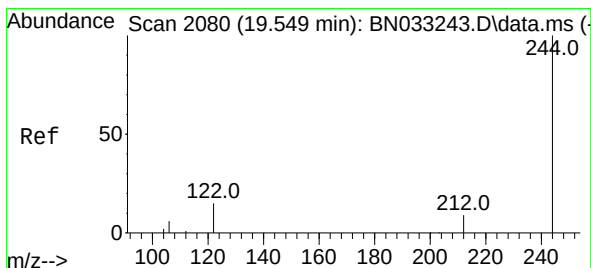
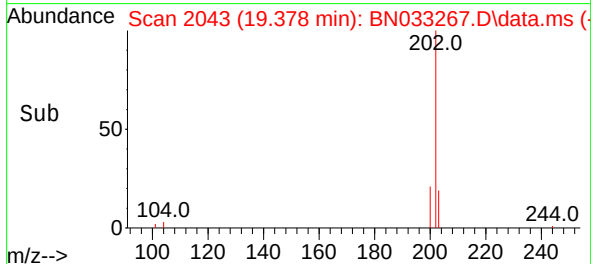
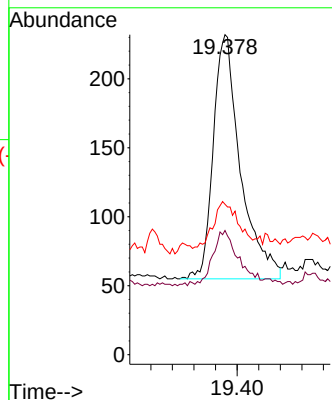
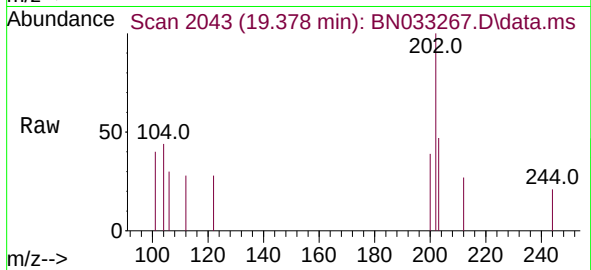




#30
Pyrene
Concen: 0.031 ng
RT: 19.378 min Scan# 2037
Delta R.T. 0.028 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

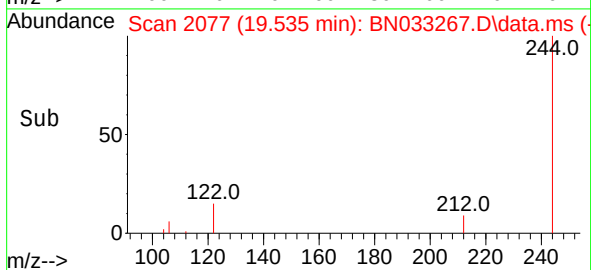
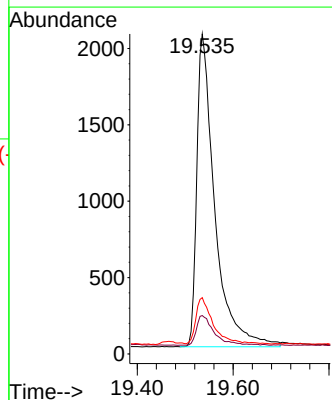
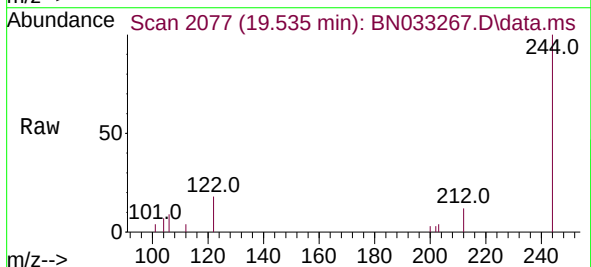
Instrument :
BNA_N
ClientSampleId :
EB-224-375

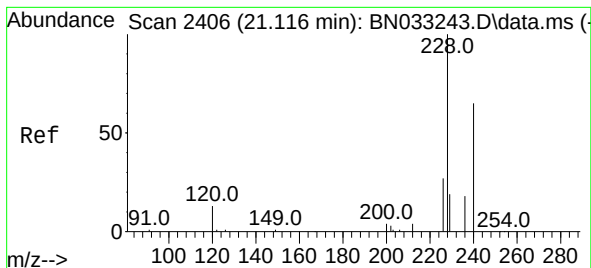
Tgt Ion:202	Resp:	620
Ion Ratio	Lower	Upper
202	100	
200	20.8	17.0 25.4
203	17.4	14.4 21.6



#31
Terphenyl-d14
Concen: 0.541 ng
RT: 19.535 min Scan# 2077
Delta R.T. -0.014 min
Lab File: BN033267.D
Acq: 06 Aug 2024 11:11

Tgt Ion:244	Resp:	5342
Ion Ratio	Lower	Upper
244	100	
212	12.0	9.9 14.9
122	17.6	14.1 21.1





#32

Benzo(a)anthracene

Concen: 0.060 ng

RT: 21.178 min Scan# 2413

Delta R.T. 0.062 min

Lab File: BN033267.D

Acq: 06 Aug 2024 11:11

Instrument :

BNA_N

ClientSampleId :

EB-224-375

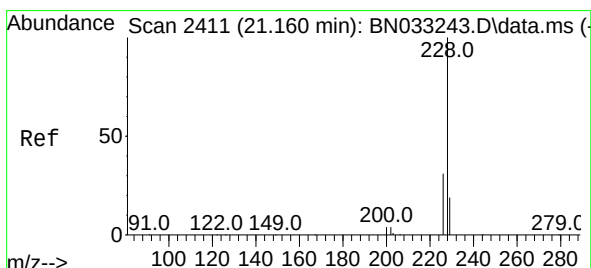
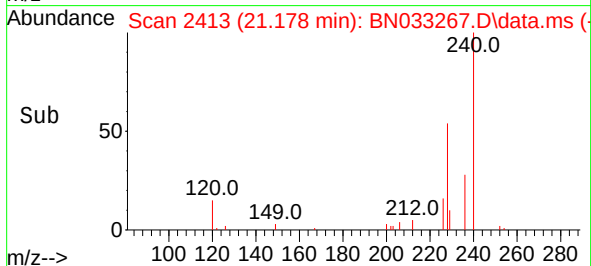
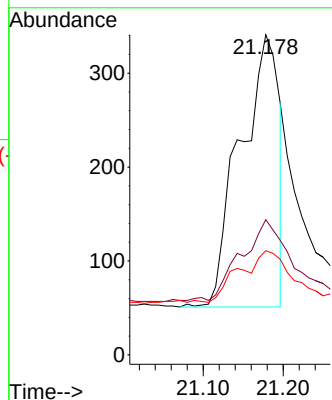
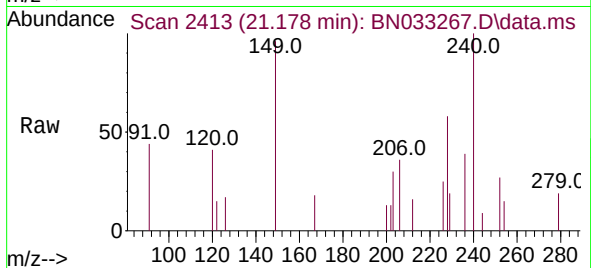
Tgt Ion:228 Resp: 980

Ion Ratio Lower Upper

228 100

226 42.2 22.4 33.6#

229 32.6 16.6 25.0#



#33

Chrysene

Concen: 0.060 ng

RT: 21.178 min Scan# 2413

Delta R.T. 0.018 min

Lab File: BN033267.D

Acq: 06 Aug 2024 11:11

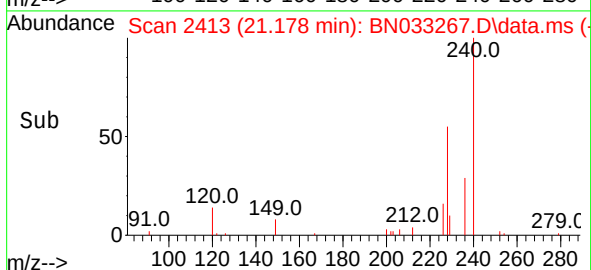
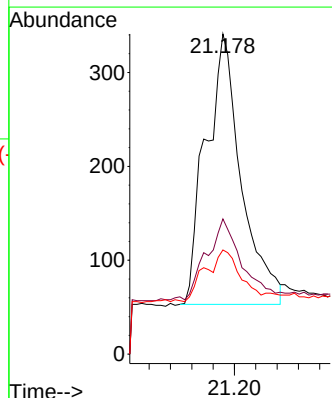
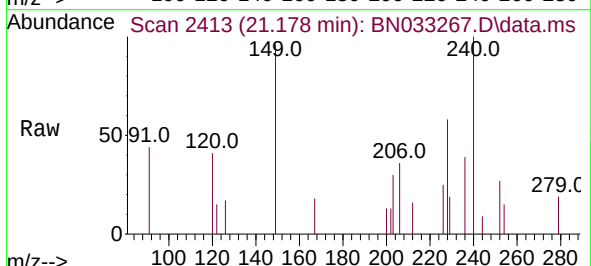
Tgt Ion:228 Resp: 1331

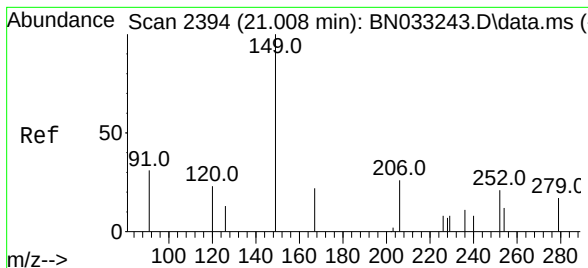
Ion Ratio Lower Upper

228 100

226 42.2 25.1 37.7#

229 32.6 16.2 24.2#

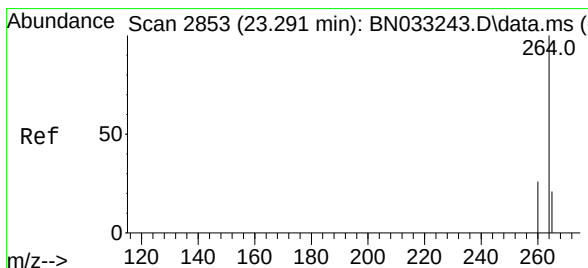
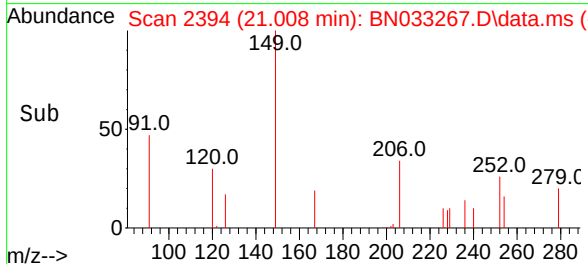
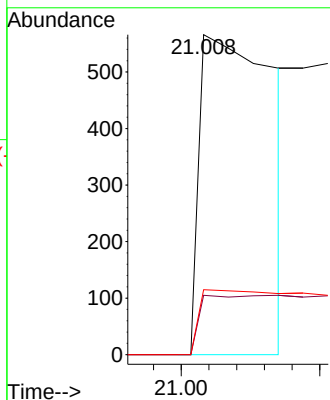
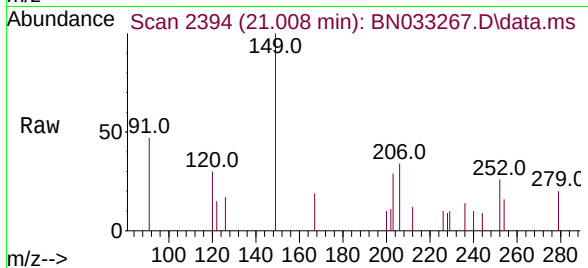




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.234 ng
 RT: 21.008 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BN033267.D
 Acq: 06 Aug 2024 11:11

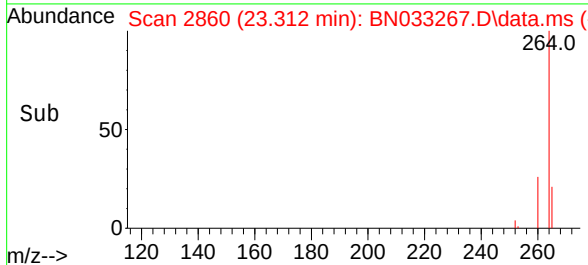
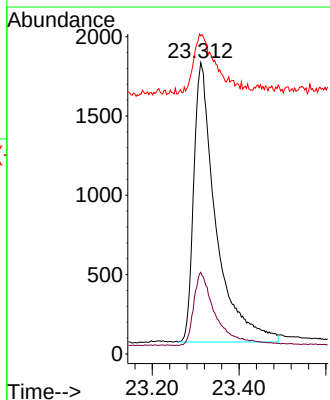
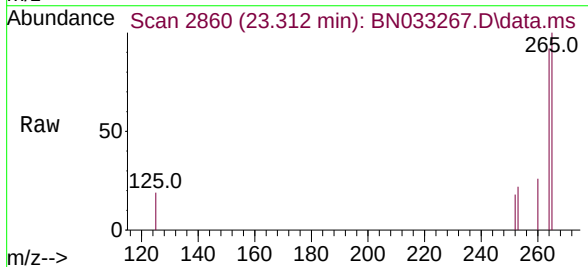
Instrument :
 BNA_N
 ClientSampleId :
 EB-224-375

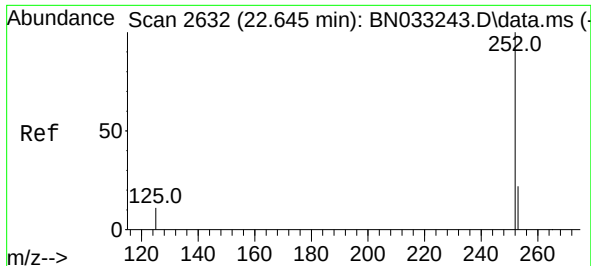
Tgt Ion:149 Resp: 924
 Ion Ratio Lower Upper
 149 100
 167 25.3 19.8 29.6
 279 33.1 8.2 12.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.312 min Scan# 2860
 Delta R.T. 0.020 min
 Lab File: BN033267.D
 Acq: 06 Aug 2024 11:11

Tgt Ion:264 Resp: 6255
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.4 32.2
 265 109.3 66.6 99.8#





#37

Benzo(b)fluoranthene

Concen: 0.030 ng

RT: 22.683 min Scan# 2645

Delta R.T. 0.038 min

Lab File: BN033267.D

Acq: 06 Aug 2024 11:11

Instrument :

BNA_N

ClientSampleId :

EB-224-375

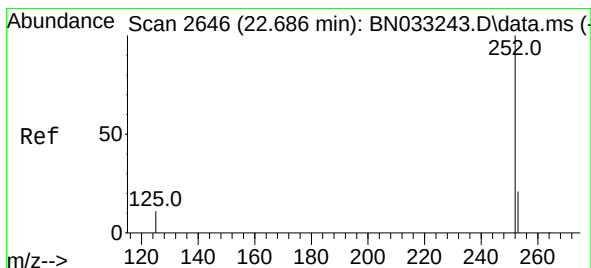
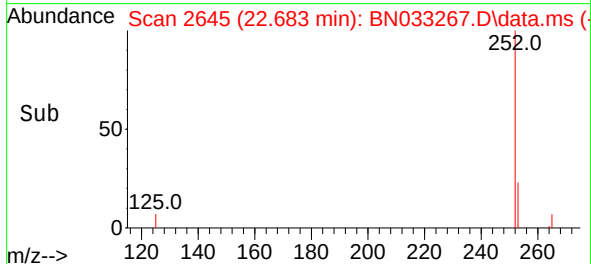
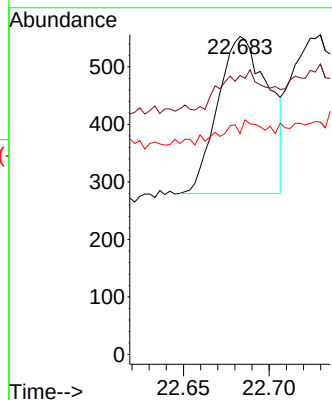
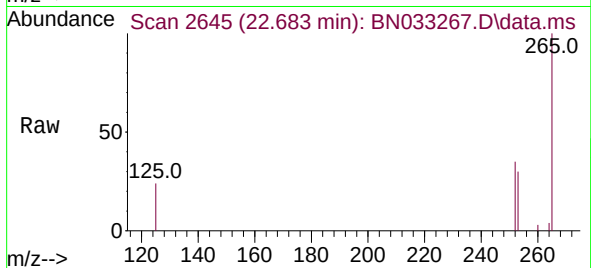
Tgt Ion:252 Resp: 561

Ion Ratio Lower Upper

252 100

253 87.7 23.3 34.9#

125 69.4 14.6 22.0#



#38

Benzo(k)fluoranthene

Concen: 0.024 ng

RT: 22.683 min Scan# 2645

Delta R.T. -0.003 min

Lab File: BN033267.D

Acq: 06 Aug 2024 11:11

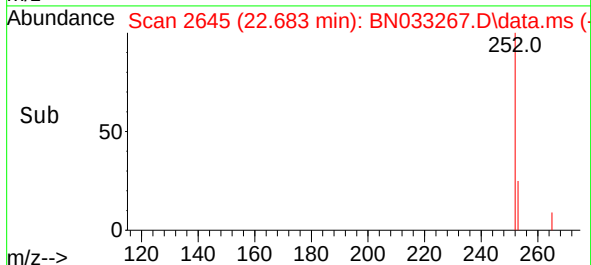
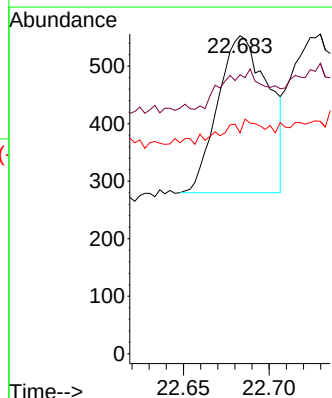
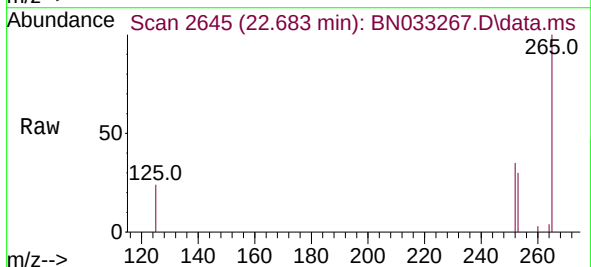
Tgt Ion:252 Resp: 561

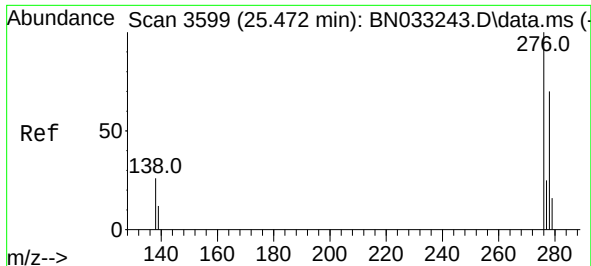
Ion Ratio Lower Upper

252 100

253 87.7 23.7 35.5#

125 69.4 15.4 23.0#





#40

Dibenzo(a,h)anthracene

Concen: 0.022 ng

RT: 25.560 min Scan# 3

Delta R.T. 0.088 min

Lab File: BN033267.D

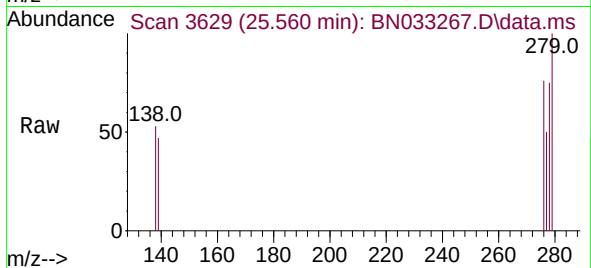
Acq: 06 Aug 2024 11:11

Instrument :

BNA_N

ClientSampleId :

EB-224-375



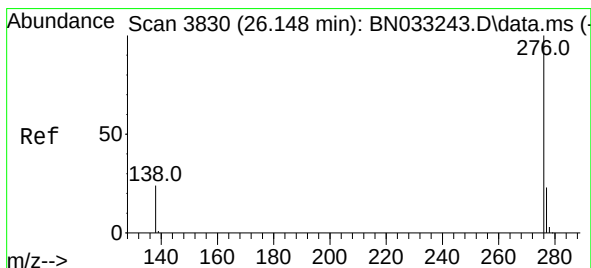
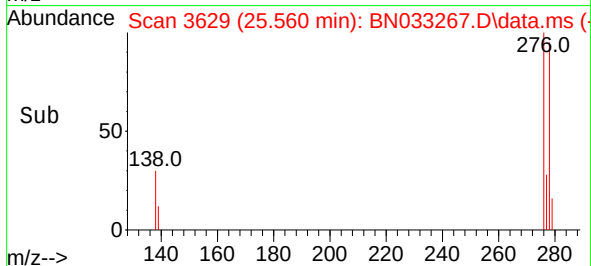
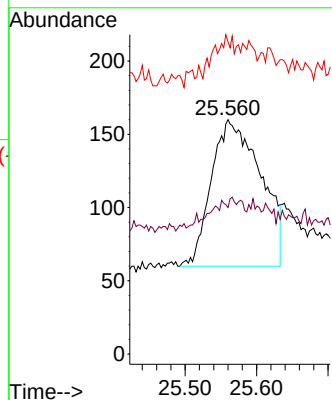
Tgt Ion:278 Resp: 483

Ion Ratio Lower Upper

278 100

139 62.5 16.7 25.1#

279 133.1 25.0 37.6#



#41

Benzo(g,h,i)perylene

Concen: 0.027 ng

RT: 26.235 min Scan# 3860

Delta R.T. 0.088 min

Lab File: BN033267.D

Acq: 06 Aug 2024 11:11

Tgt Ion:276 Resp: 696

Ion Ratio Lower Upper

276 100

277 58.1 21.0 31.4#

138 60.2 21.4 32.0#

