

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029030.D
 Acq On : 03 Dec 2023 21:40
 Operator : MA/JU
 Sample : 05404-32
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20231110

Quant Time: Dec 04 02:22:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

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

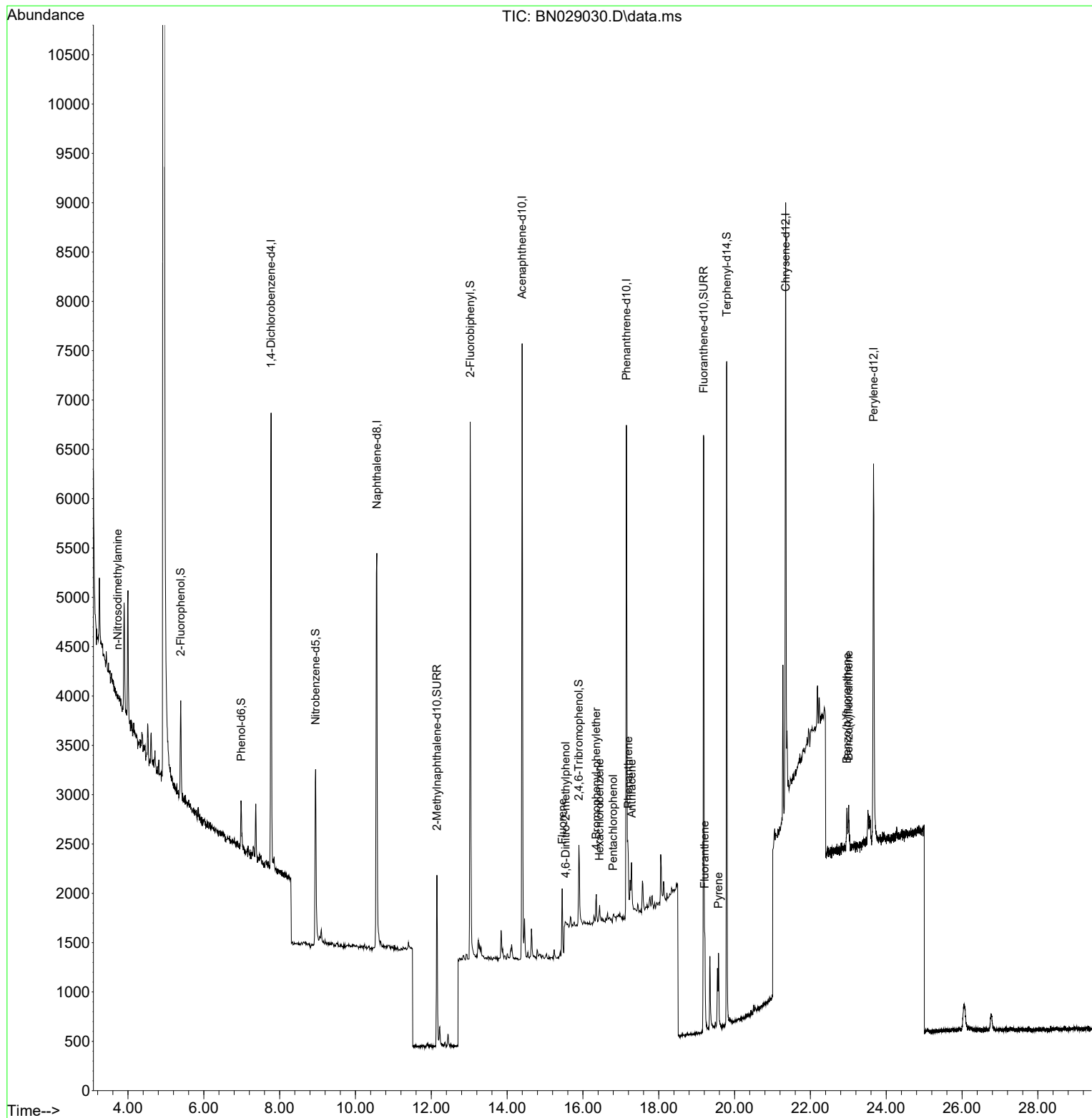
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2137	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5900	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3603	0.400	ng	-0.01
19) Phenanthrene-d10	17.147	188	7463	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5899	0.400	ng	# 0.00
35) Perylene-d12	23.667	264	5670	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	665	0.103	ng	0.00
5) Phenol-d6	6.988	99	459	0.064	ng	0.00
8) Nitrobenzene-d5	8.950	82	1789	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.148	152	2513	0.265	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	558	0.229	ng	-0.01
15) 2-Fluorobiphenyl	13.028	172	4786	0.308	ng	-0.01
27) Fluoranthene-d10	19.186	212	7195	0.367	ng	0.00
31) Terphenyl-d14	19.794	244	6902	0.407	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.731	42	21	0.098	ng	# 94
18) Fluorene	15.455	166	324	0.020	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.545	198	40	0.024	ng	# 6
21) 4-Bromophenyl-phenylether	16.352	248	129	0.025	ng	# 88
22) Hexachlorobenzene	16.439	284	153	0.024	ng	# 94
24) Pentachlorophenol	16.799	266	68	0.023	ng	# 75
25) Phenanthrene	17.196	178	623	0.025	ng	# 88
26) Anthracene	17.283	178	518	0.023	ng	# 91
28) Fluoranthene	19.213	202	808	0.032	ng	# 94
30) Pyrene	19.576	202	700	0.110	ng	98
34) Bis(2-ethylhexyl)phtha...	21.275	149	1640	Below Cal		# 93
37) Benzo(b)fluoranthene	22.962	252	581	0.025	ng	# 82
38) Benzo(k)fluoranthene	23.009	252	525	0.024	ng	# 83

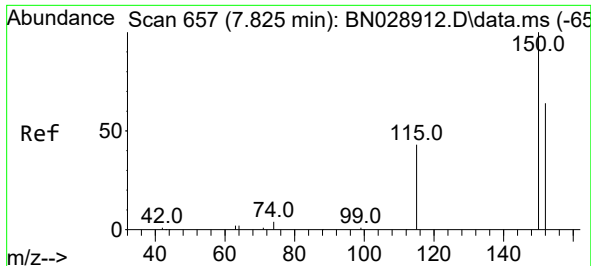
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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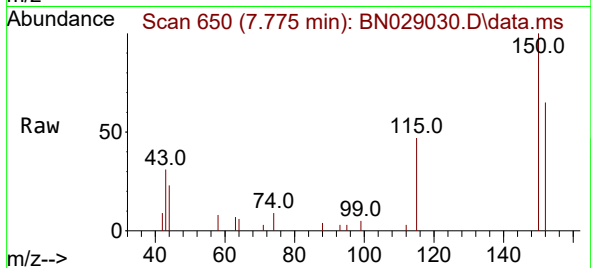
Quant Time: Dec 04 02:22:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
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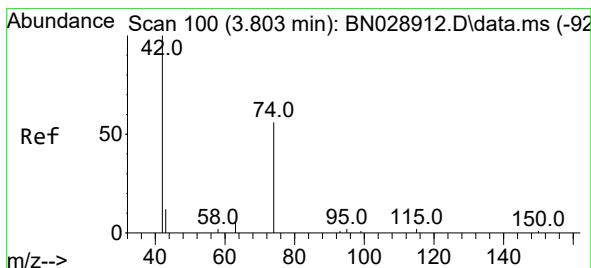
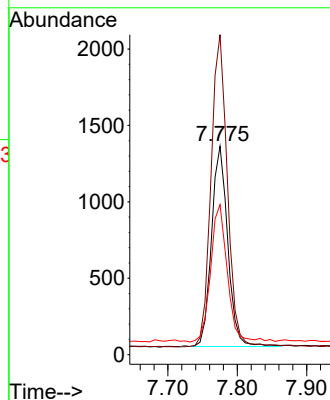
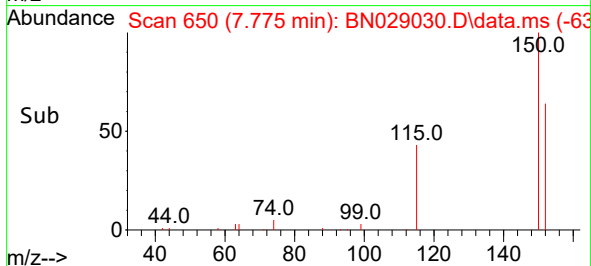


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

Instrument :
BNA_N
ClientSampleId :
RE122D3-20231110

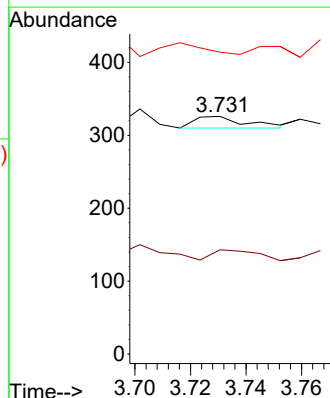
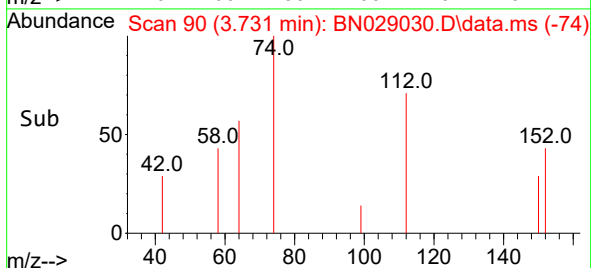
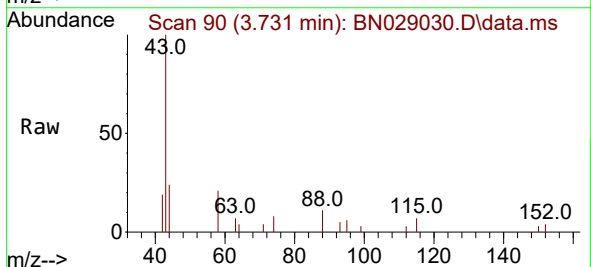


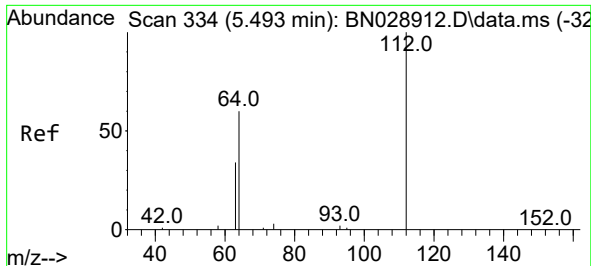
Tgt Ion:152 Resp: 2137
Ion Ratio Lower Upper
152 100
150 153.5 123.4 185.2
115 72.0 59.1 88.7



#3
n-Nitrosodimethylamine
Concen: 0.098 ng
RT: 3.731 min Scan# 90
Delta R.T. 0.014 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

Tgt Ion: 42 Resp: 21
Ion Ratio Lower Upper
42 100
74 76.2 57.0 85.6
44 76.2 0.0 0.0#





#4

2-Fluorophenol

Concen: 0.103 ng

RT: 5.392 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN029030.D

Acq: 03 Dec 2023 21:40

Instrument :

BNA_N

ClientSampleId :

RE122D3-20231110

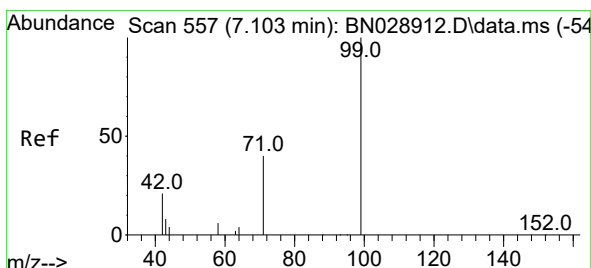
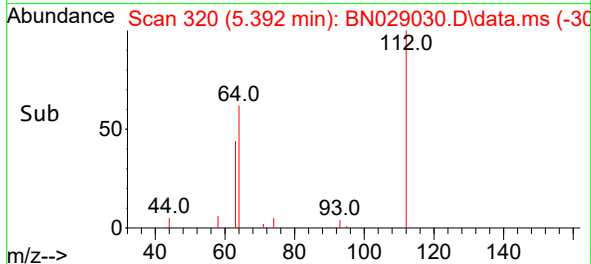
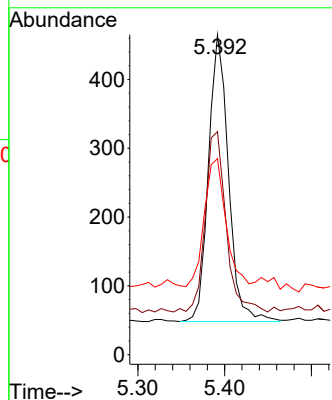
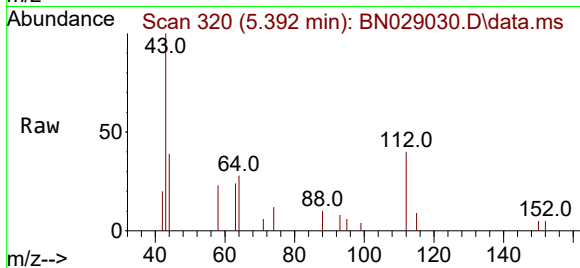
Tgt Ion:112 Resp: 665

Ion Ratio Lower Upper

112 100

64 65.6 51.5 77.3

63 49.5 30.4 45.6#



#5

Phenol-d6

Concen: 0.064 ng

RT: 6.988 min Scan# 541

Delta R.T. 0.000 min

Lab File: BN029030.D

Acq: 03 Dec 2023 21:40

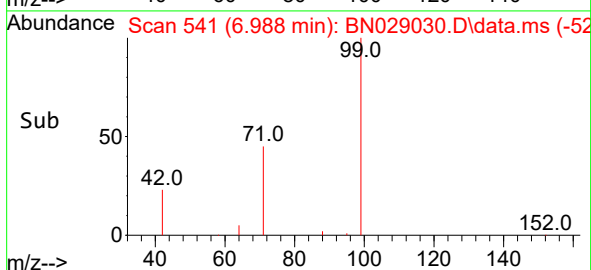
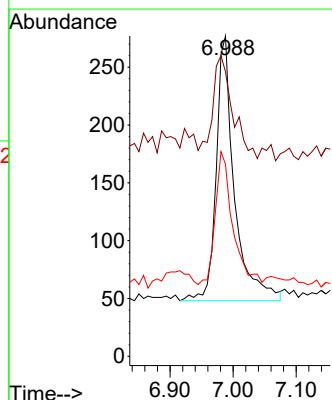
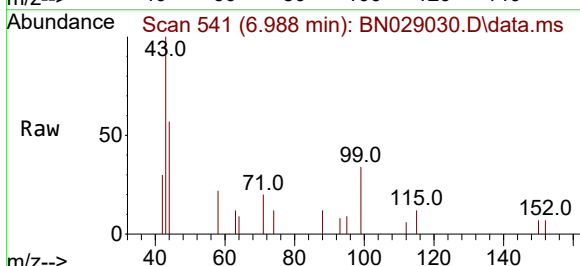
Tgt Ion: 99 Resp: 459

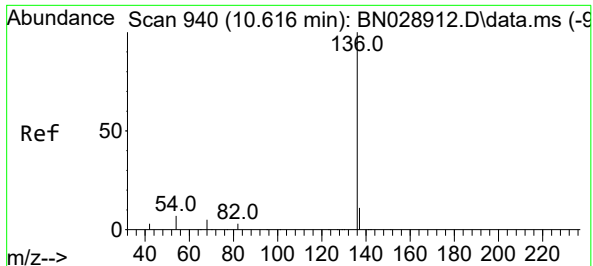
Ion Ratio Lower Upper

99 100

42 42.5 21.2 31.8#

71 47.7 35.4 53.0

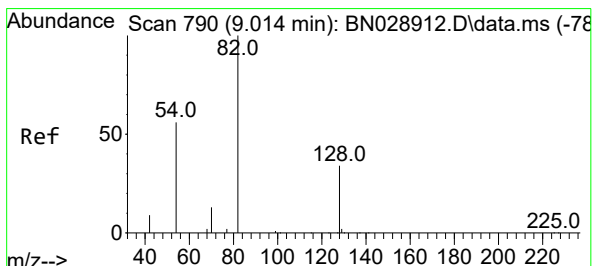
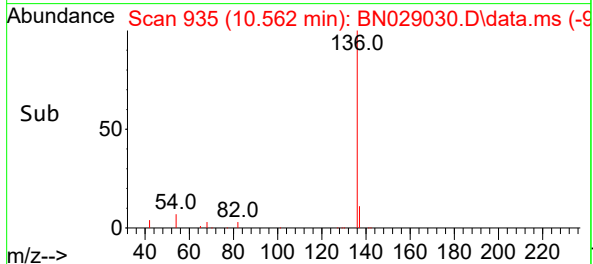
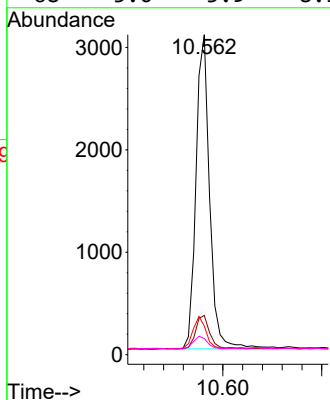
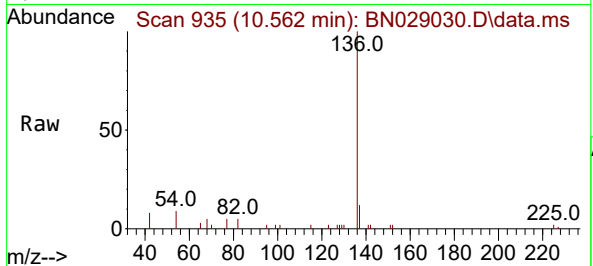




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

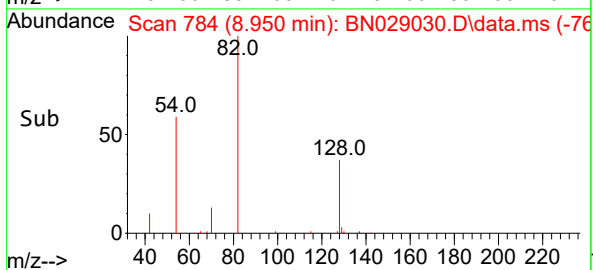
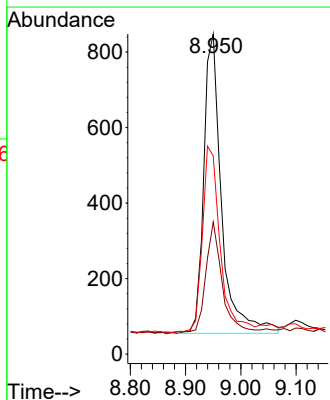
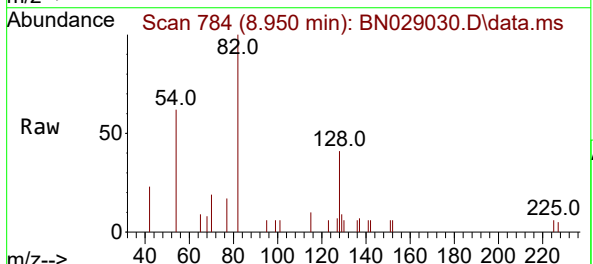
Instrument :
BNA_N
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RE122D3-20231110

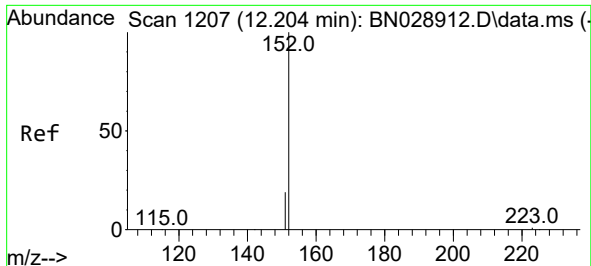
Tgt Ion:	136	Resp:	5900
Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.6	16.0
54	9.0	7.5	11.3
68	5.0	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.950 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

Tgt Ion:	82	Resp:	1789
Ion	Ratio	Lower	Upper
82	100		
128	41.3	29.2	43.8
54	61.9	47.0	70.6

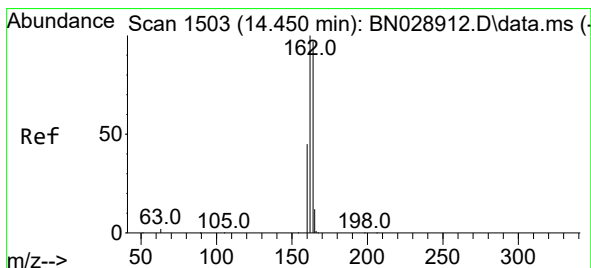
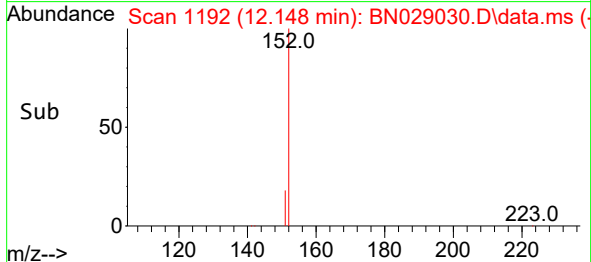
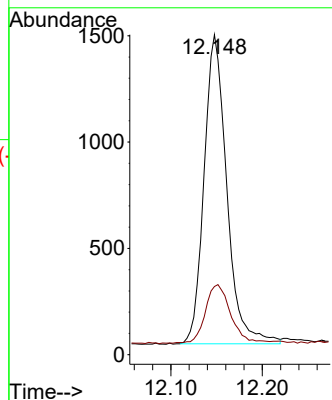
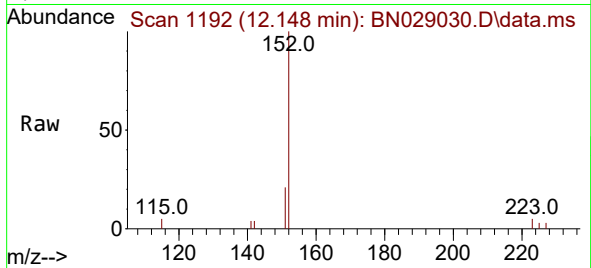




#11
2-Methylnaphthalene-d10
Concen: 0.265 ng
RT: 12.148 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

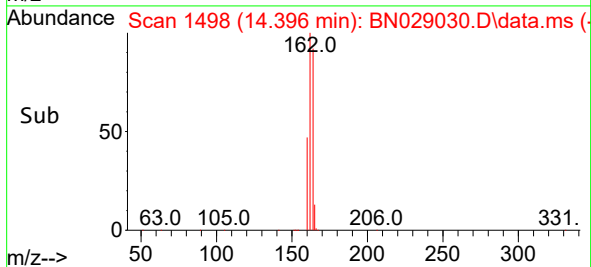
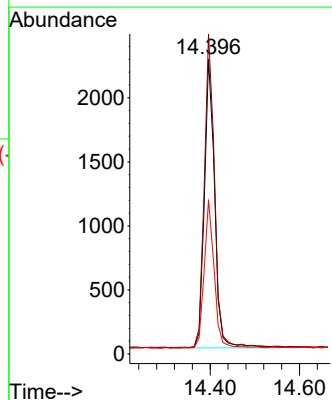
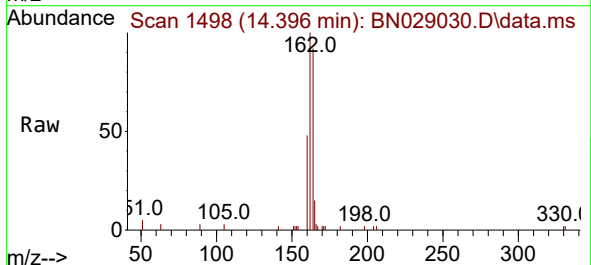
Instrument :
BNA_N
ClientSampleId :
RE122D3-20231110

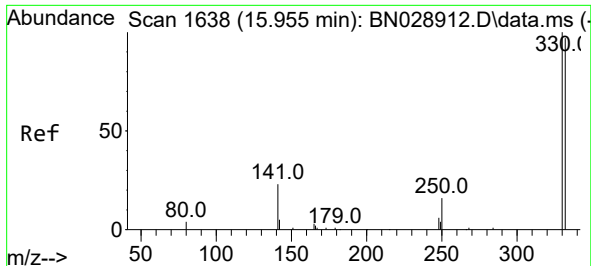
Tgt Ion:152 Resp: 2513
Ion Ratio Lower Upper
152 100
151 21.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. -0.011 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

Tgt Ion:164 Resp: 3603
Ion Ratio Lower Upper
164 100
162 108.5 81.7 122.5
160 52.3 37.0 55.6

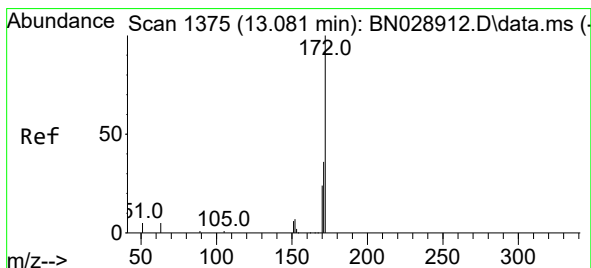
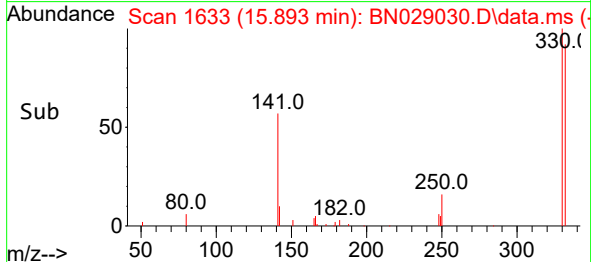
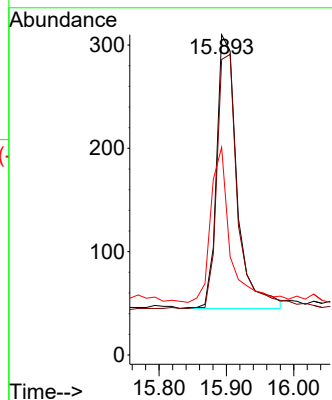
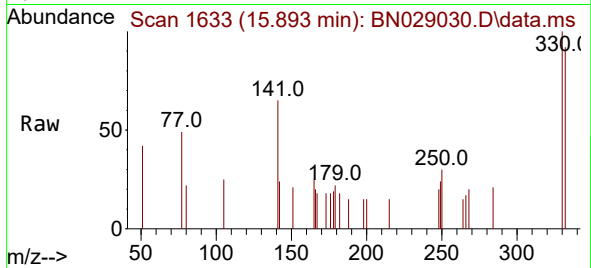




#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 15.893 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

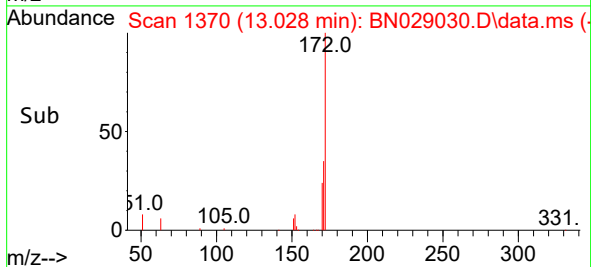
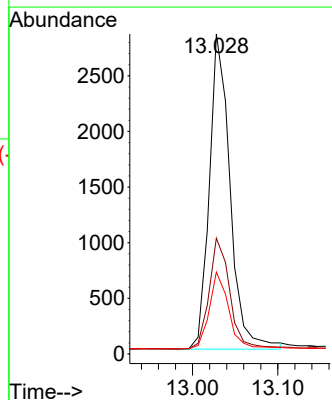
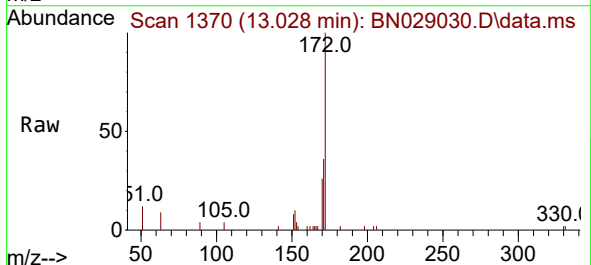
Instrument :
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ClientSampleId :
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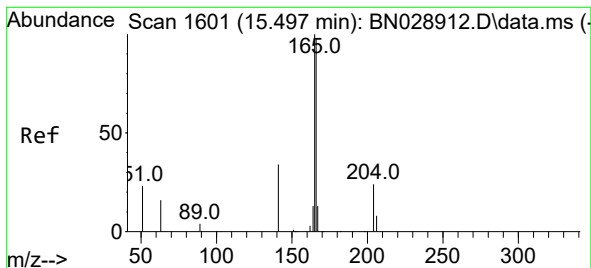
Tgt Ion:330 Resp: 558
Ion Ratio Lower Upper
330 100
332 95.0 75.4 113.2
141 54.3 35.7 53.5#



#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.028 min Scan# 1370
Delta R.T. -0.011 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

Tgt Ion:172 Resp: 4786
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 25.6 19.7 29.5





#18

Fluorene

Concen: 0.020 ng

RT: 15.455 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029030.D

Acq: 03 Dec 2023 21:40

Instrument :

BNA_N

ClientSampleId :

RE122D3-20231110

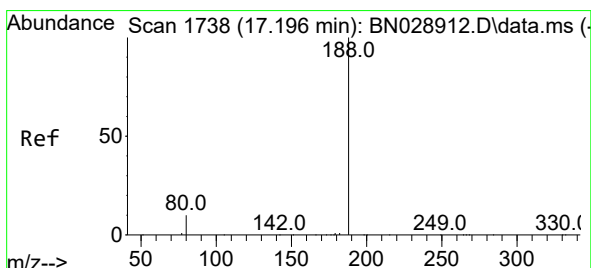
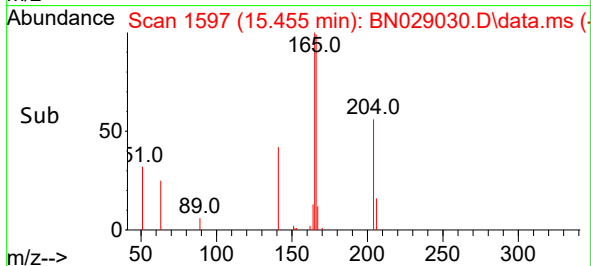
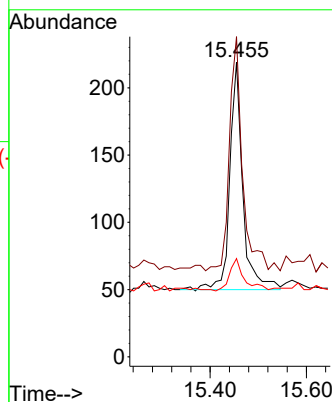
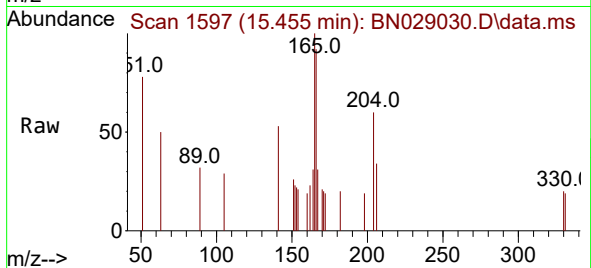
Tgt Ion:166 Resp: 324

Ion Ratio Lower Upper

166 100

165 104.9 79.4 119.2

167 16.7 11.0 16.4#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.147 min Scan# 1734

Delta R.T. -0.012 min

Lab File: BN029030.D

Acq: 03 Dec 2023 21:40

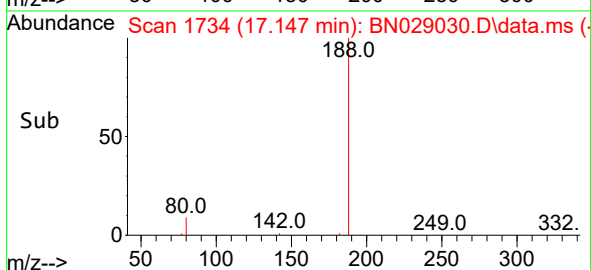
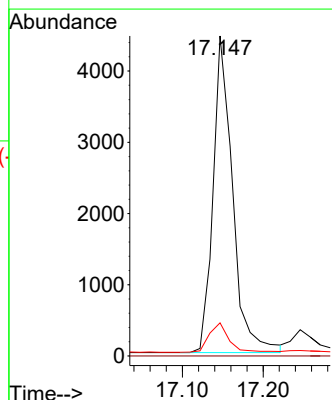
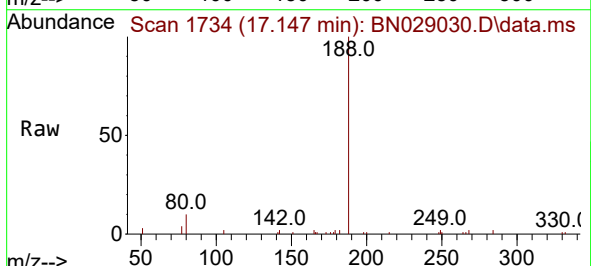
Tgt Ion:188 Resp: 7463

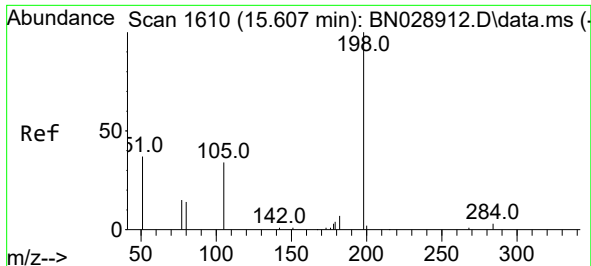
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 9.0 13.6

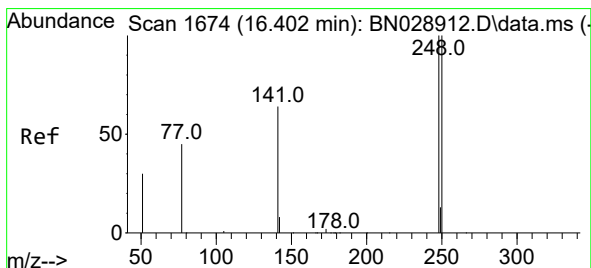
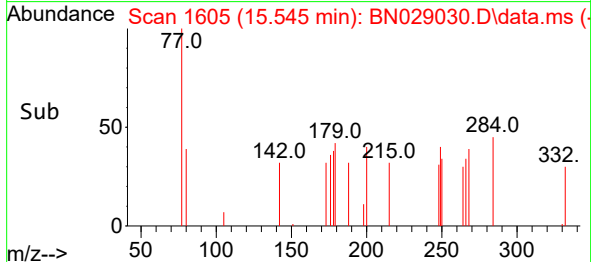
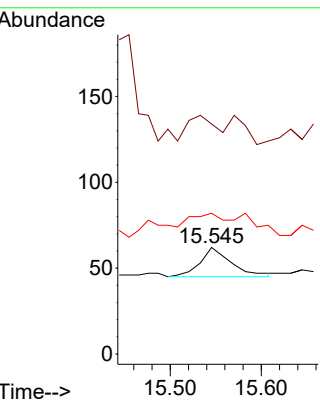
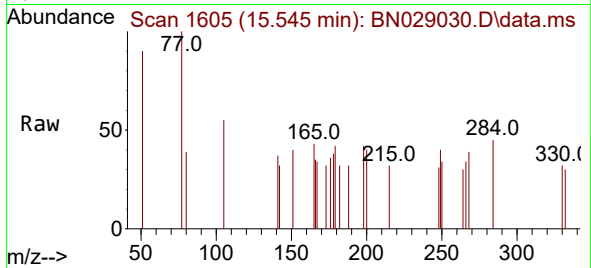




#20
4,6-Dinitro-2-methylphenol
Concen: 0.024 ng
RT: 15.545 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

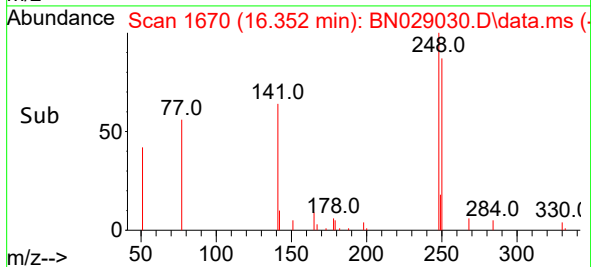
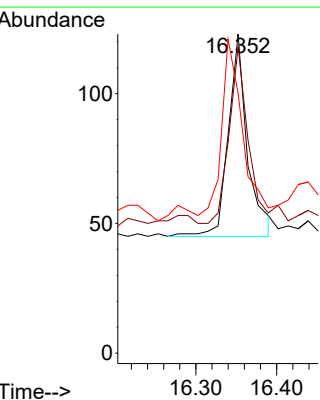
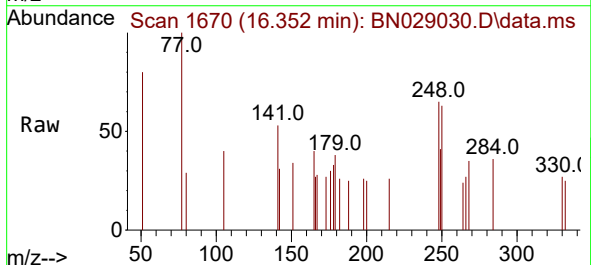
Instrument :
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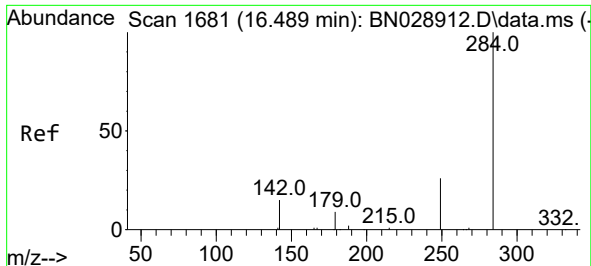
Tgt Ion:198 Resp: 40
Ion Ratio Lower Upper
198 100
51 216.1 76.2 114.4#
105 132.3 64.9 97.3#



#21
4-Bromophenyl-phenylether
Concen: 0.025 ng
RT: 16.352 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

Tgt Ion:248 Resp: 129
Ion Ratio Lower Upper
248 100
250 95.9 83.5 125.3
141 81.3 52.9 79.3#

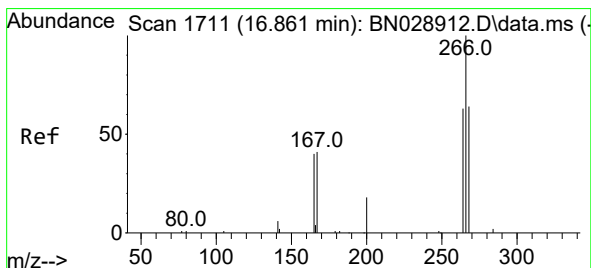
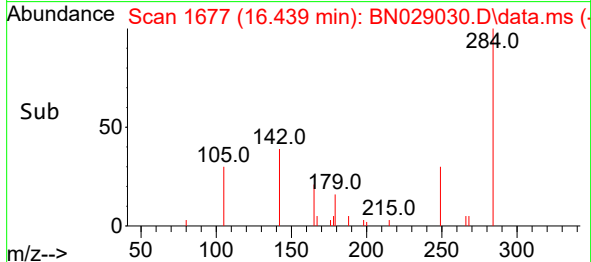
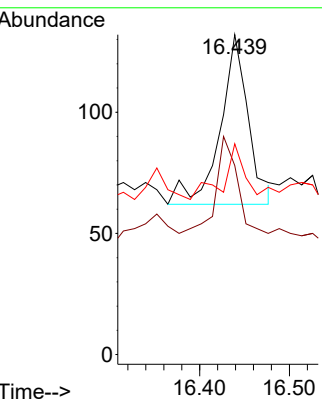
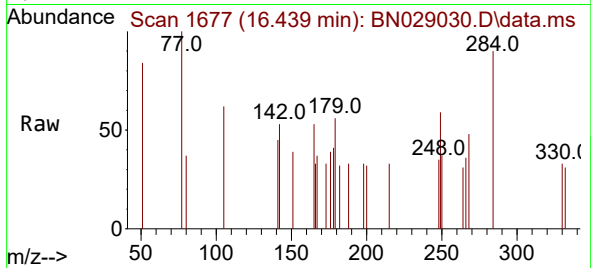




#22
Hexachlorobenzene
Concen: 0.024 ng
RT: 16.439 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

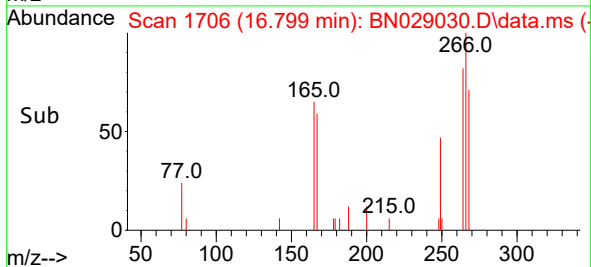
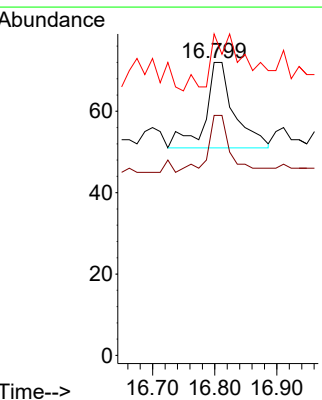
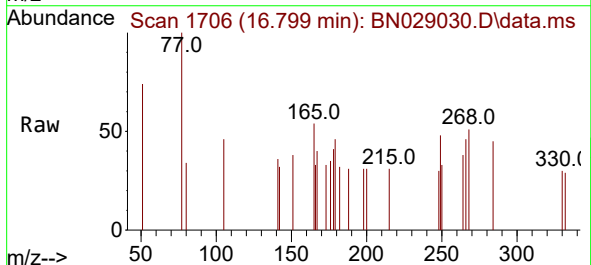
Instrument :
BNA_N
ClientSampleId :
RE122D3-20231110

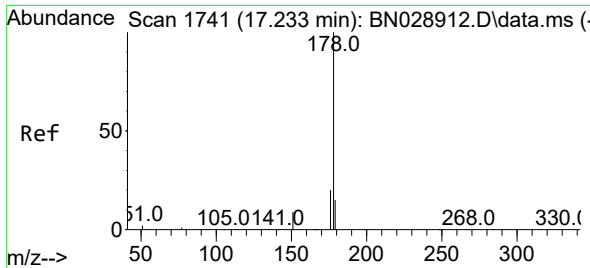
Tgt Ion:284 Resp: 153
Ion Ratio Lower Upper
284 100
142 42.5 34.1 51.1
249 24.2 25.7 38.5#



#24
Pentachlorophenol
Concen: 0.023 ng
RT: 16.799 min Scan# 1706
Delta R.T. -0.012 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

Tgt Ion:266 Resp: 68
Ion Ratio Lower Upper
266 100
264 38.2 50.7 76.1#
268 83.8 54.9 82.3#

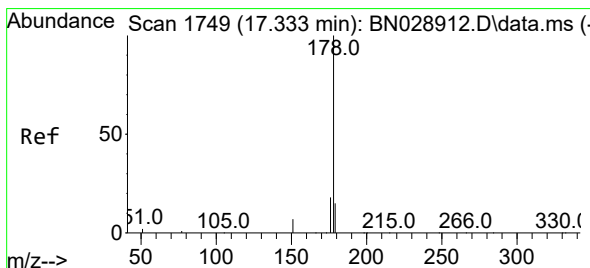
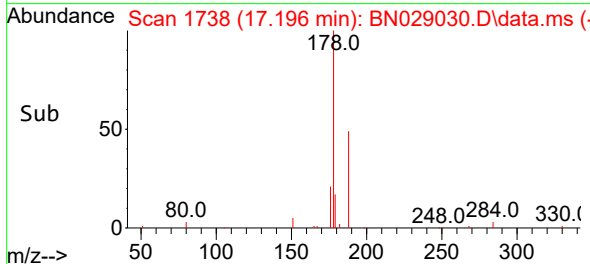
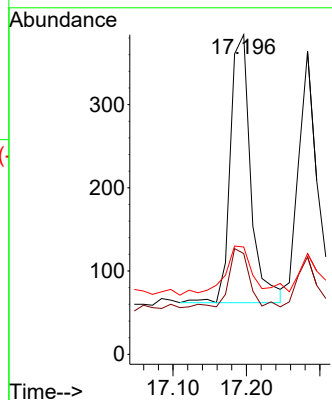
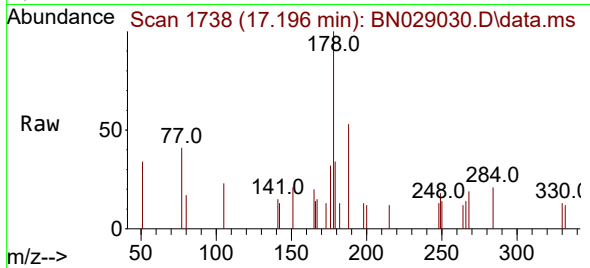




#25
Phenanthrene
Concen: 0.025 ng
RT: 17.196 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

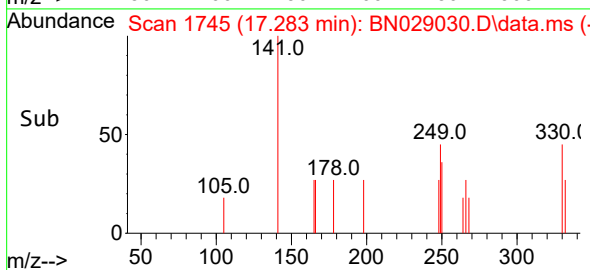
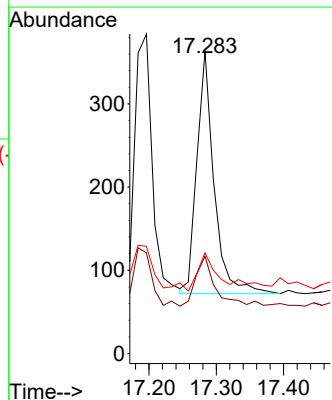
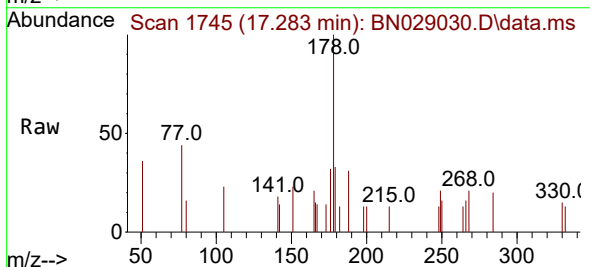
Instrument :
BNA_N
ClientSampleId :
RE122D3-20231110

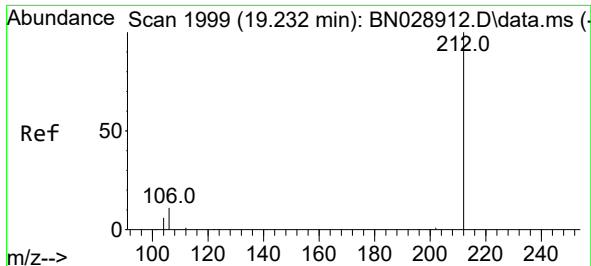
Tgt Ion:178 Resp: 623
Ion Ratio Lower Upper
178 100
176 24.1 16.4 24.6
179 25.0 14.1 21.1#



#26
Anthracene
Concen: 0.023 ng
RT: 17.283 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

Tgt Ion:178 Resp: 518
Ion Ratio Lower Upper
178 100
176 23.9 15.2 22.8#
179 12.7 12.2 18.2

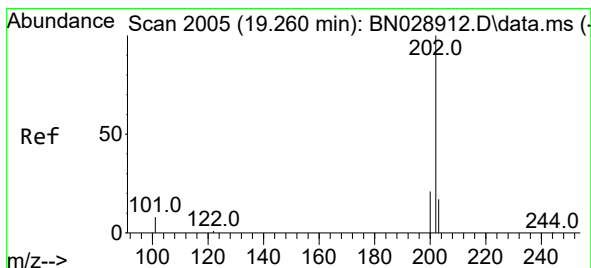
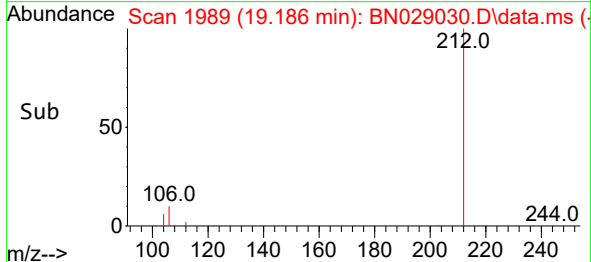
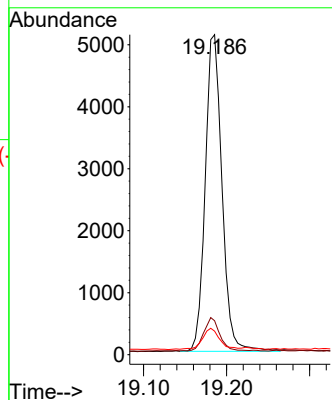
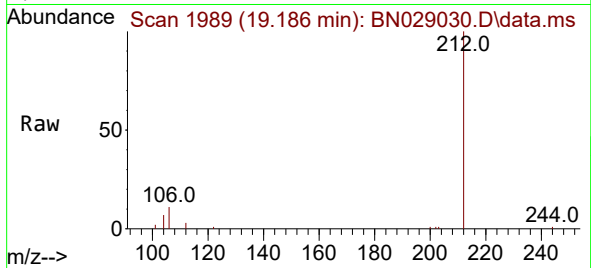




#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.186 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

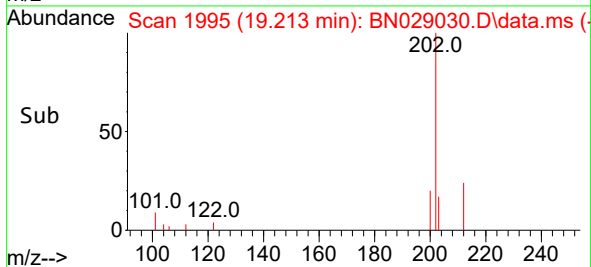
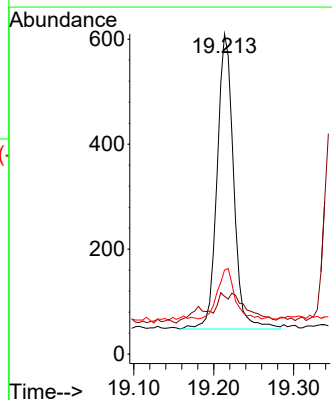
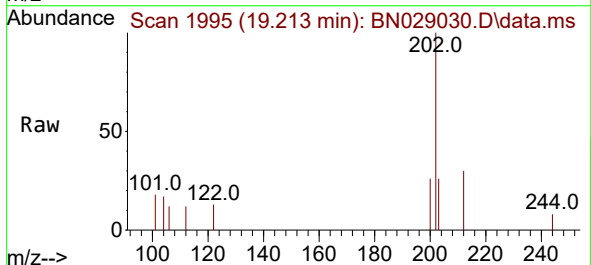
Instrument :
BNA_N
ClientSampleId :
RE122D3-20231110

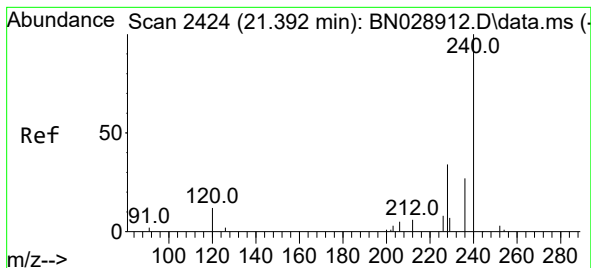
Tgt Ion:212 Resp: 7195
Ion Ratio Lower Upper
212 100
106 10.0 9.4 14.2
104 6.9 6.2 9.2



#28
Fluoranthene
Concen: 0.032 ng
RT: 19.213 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

Tgt Ion:202 Resp: 808
Ion Ratio Lower Upper
202 100
101 3.8 7.3 10.9#
203 18.6 14.1 21.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BN029030.D

Acq: 03 Dec 2023 21:40

Instrument :

BNA_N

ClientSampleId :

RE122D3-20231110

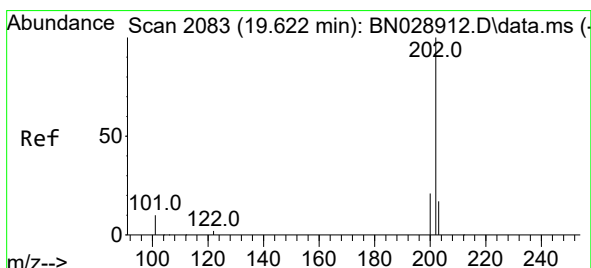
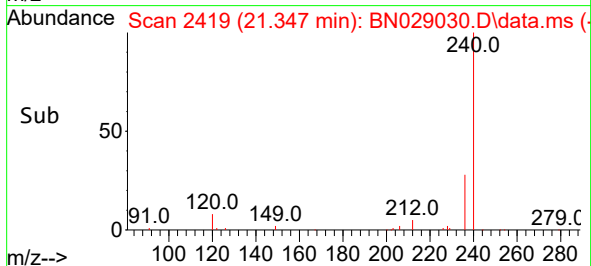
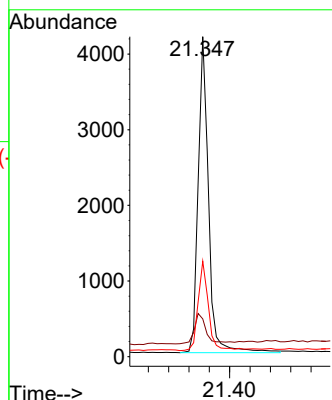
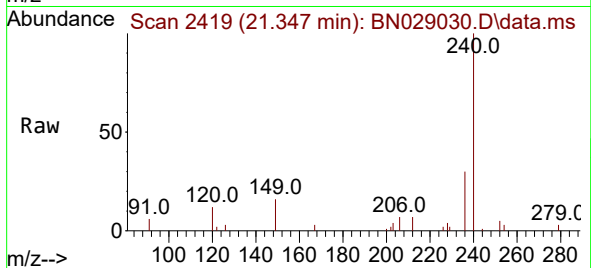
Tgt Ion:240 Resp: 5899

Ion Ratio Lower Upper

240 100

120 11.8 37.1 55.7#

236 29.9 32.4 48.6#



#30

Pyrene

Concen: 0.110 ng

RT: 19.576 min Scan# 2073

Delta R.T. -0.005 min

Lab File: BN029030.D

Acq: 03 Dec 2023 21:40

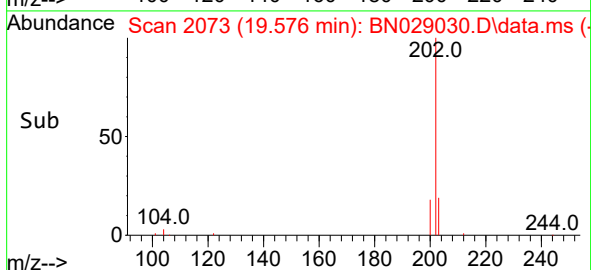
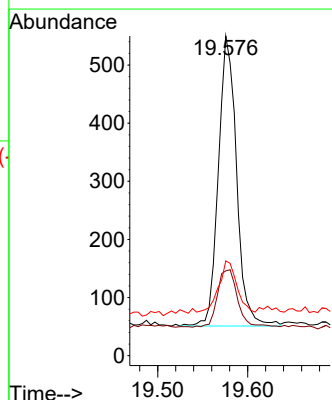
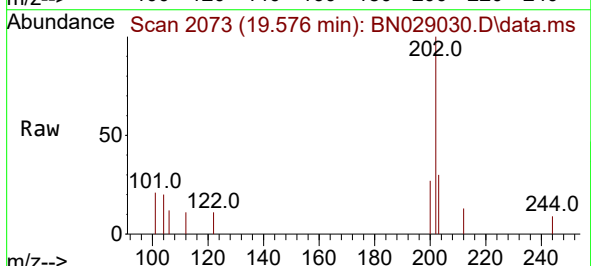
Tgt Ion:202 Resp: 700

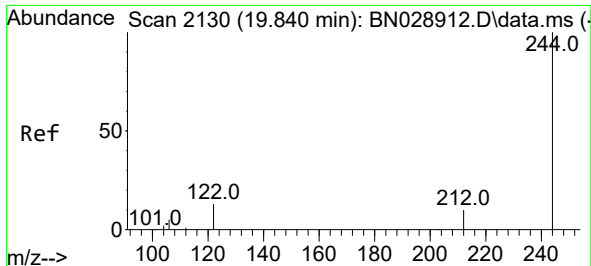
Ion Ratio Lower Upper

202 100

200 22.0 16.9 25.3

203 17.9 14.8 22.2

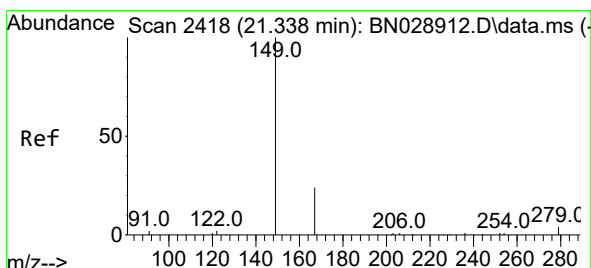
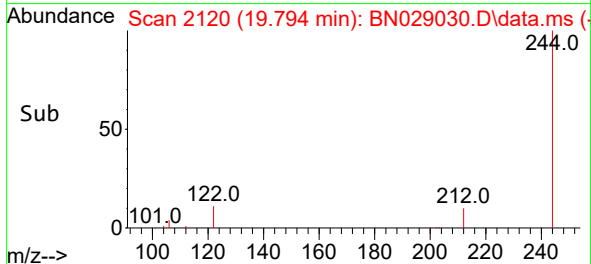
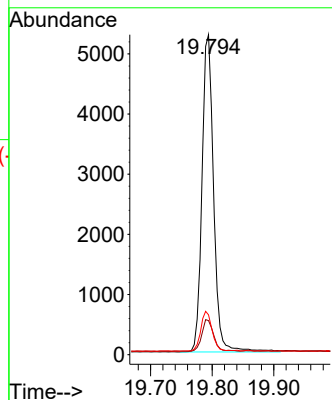
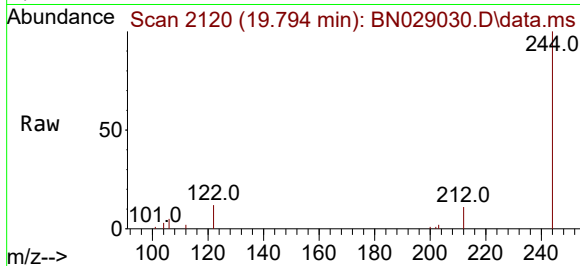




#31
 Terphenyl-d14
 Concen: 0.407 ng
 RT: 19.794 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN029030.D
 Acq: 03 Dec 2023 21:40

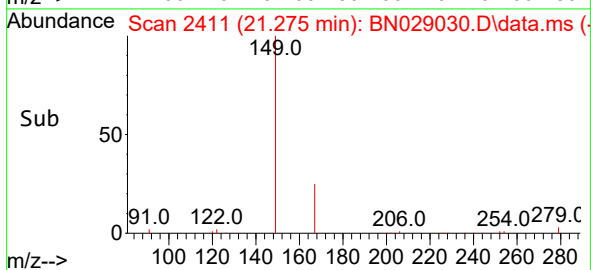
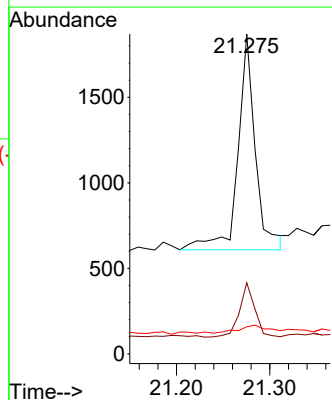
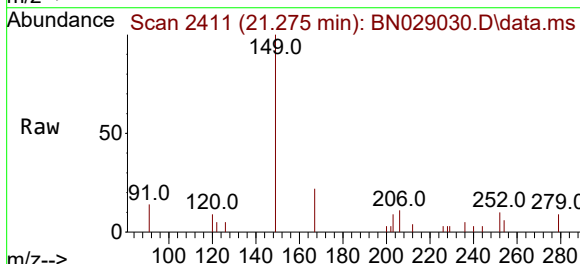
Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20231110

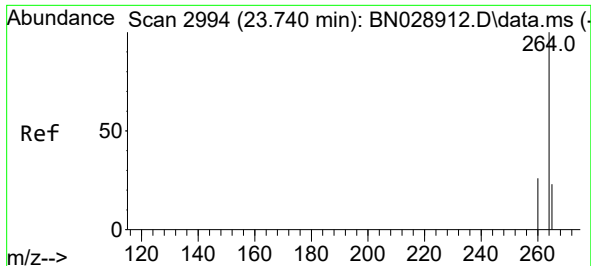
Tgt Ion:244 Resp: 6902
 Ion Ratio Lower Upper
 244 100
 212 10.6 11.5 17.3#
 122 12.4 13.2 19.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.275 min Scan# 2411
 Delta R.T. 0.000 min
 Lab File: BN029030.D
 Acq: 03 Dec 2023 21:40

Tgt Ion:149 Resp: 1640
 Ion Ratio Lower Upper
 149 100
 167 22.3 14.9 22.3
 279 6.0 6.3 9.5#

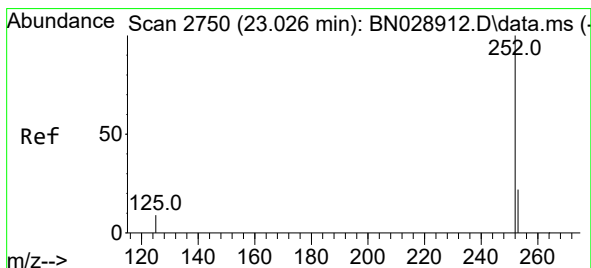
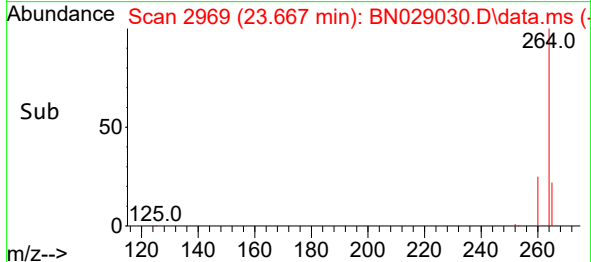
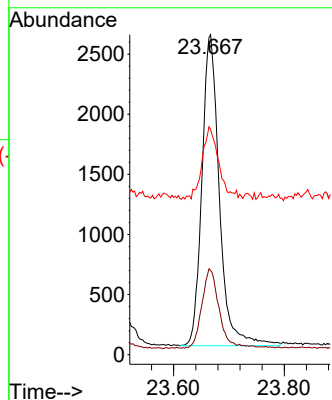
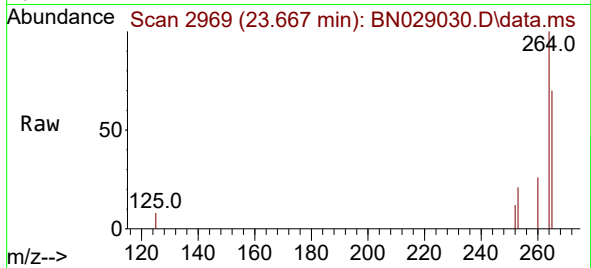




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.667 min Scan# 2994
Delta R.T. -0.003 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

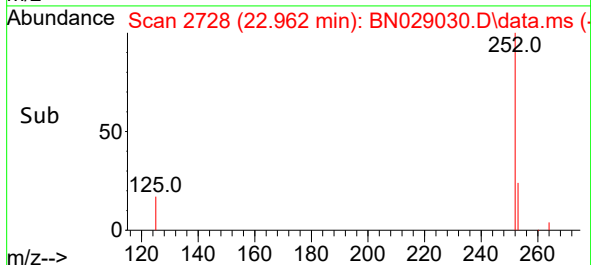
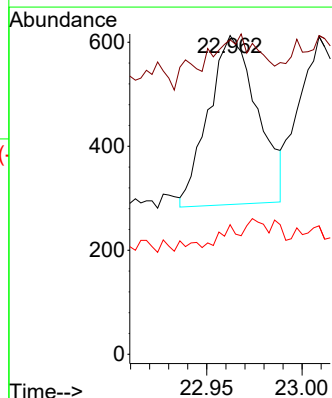
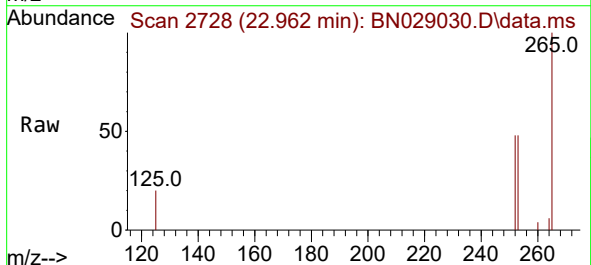
Instrument :
BNA_N
ClientSampleId :
RE122D3-20231110

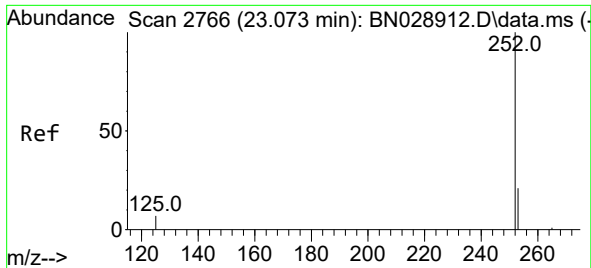
Tgt Ion:264 Resp: 5670
Ion Ratio Lower Upper
264 100
260 26.3 20.6 30.8
265 70.4 464.5 696.7#



#37
Benzo(b)fluoranthene
Concen: 0.025 ng
RT: 22.962 min Scan# 2728
Delta R.T. -0.003 min
Lab File: BN029030.D
Acq: 03 Dec 2023 21:40

Tgt Ion:252 Resp: 581
Ion Ratio Lower Upper
252 100
253 98.7 94.5 141.7
125 40.6 23.8 35.8#





#38

Benzo(k)fluoranthene

Concen: 0.024 ng

RT: 23.009 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN029030.D

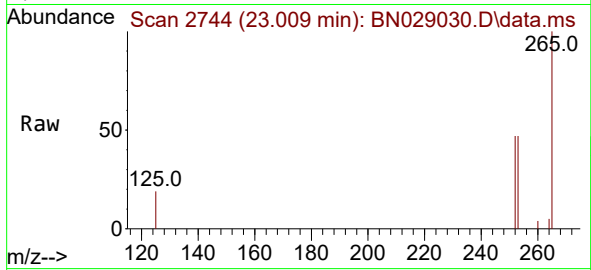
Acq: 03 Dec 2023 21:40

Instrument :

BNA_N

ClientSampleId :

RE122D3-20231110



Tgt Ion:252 Resp: 525

Ion Ratio Lower Upper

252 100

253 100.3 95.2 142.8

125 40.4 24.3 36.5#

