

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
 Data File : BN028242.D
 Acq On : 11 Oct 2023 20:51
 Operator : MA/JU
 Sample : 04819-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-AP-02-100923

Quant Time: Oct 12 04:06:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 04:03:12 2023
 Response via : Initial Calibration

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

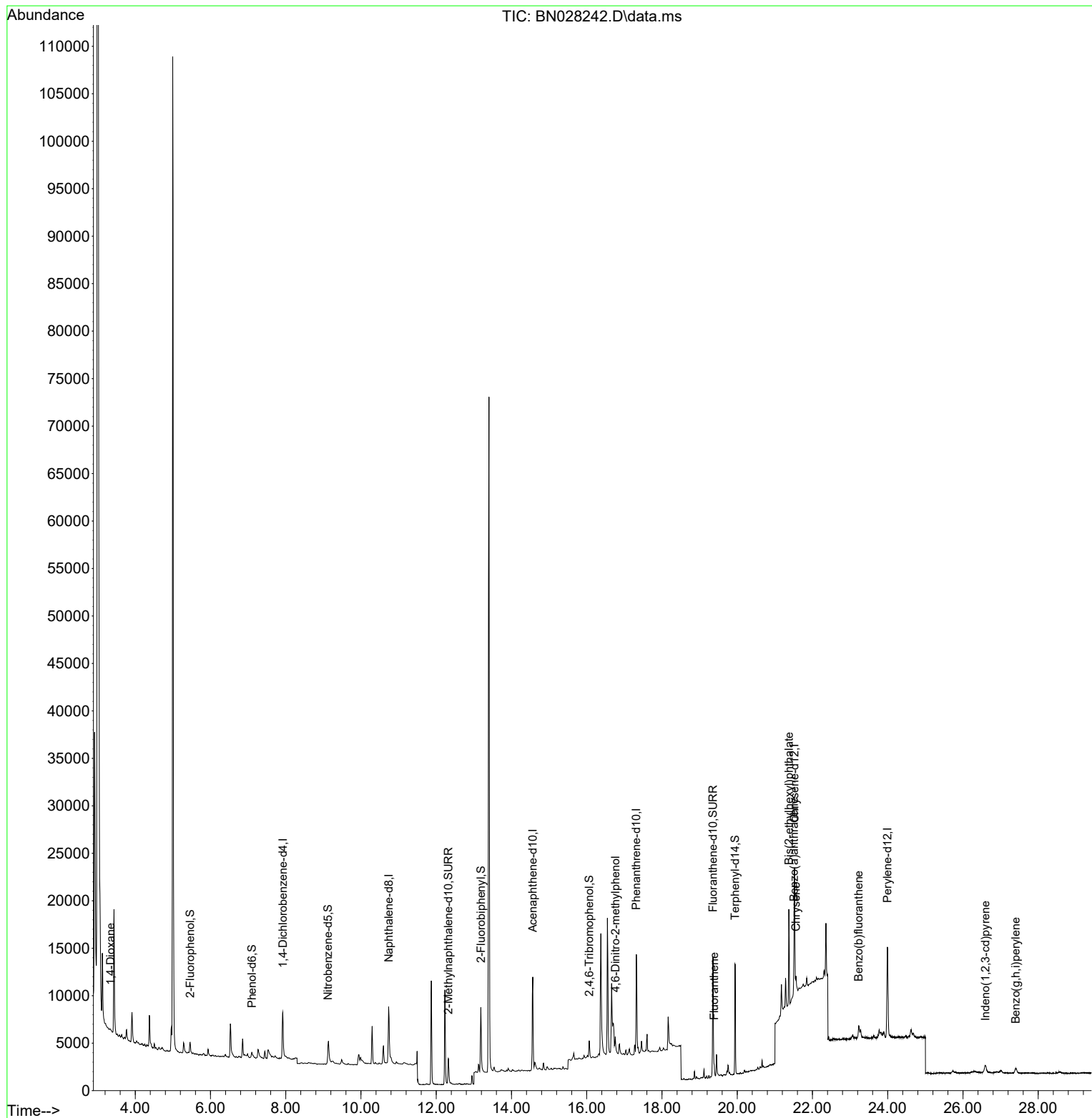
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	2922	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	9734	0.400	ng	# 0.00
13) Acenaphthene-d10	14.566	164	6254	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	14385	0.400	ng	0.00
29) Chrysene-d12	21.524	240	13925	0.400	ng	0.00
35) Perylene-d12	23.993	264	14493	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	1268	0.146	ng	0.00
5) Phenol-d6	7.098	99	928	0.084	ng	0.00
8) Nitrobenzene-d5	9.123	82	2295	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.320	152	4483	0.311	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	1064	0.371	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	6683	0.297	ng	0.00
27) Fluoranthene-d10	19.356	212	13650	0.378	ng	0.00
31) Terphenyl-d14	19.946	244	11917	0.367	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	124	0.038	ng	# 25
20) 4,6-Dinitro-2-methylph...	16.760	198	6	0.031	ng	# 1
28) Fluoranthene	19.388	202	1122	0.025	ng	# 86
32) Benzo(a)anthracene	21.506	228	1201	0.025	ng	# 54
33) Chrysene	21.560	228	1643	0.036	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.372	149	8916	0.286	ng	99
36) Indeno(1,2,3-cd)pyrene	26.595	276	1157	0.024	ng	# 81
37) Benzo(b)fluoranthene	23.230	252	2341	0.050	ng	# 1
41) Benzo(g,h,i)perylene	27.405	276	1245	0.030	ng	# 17

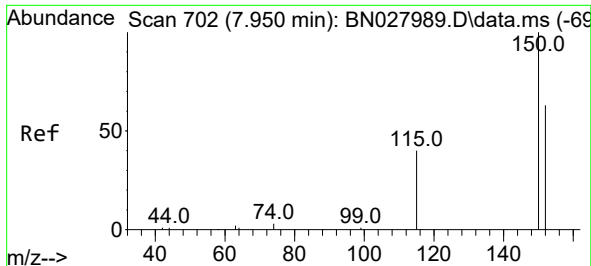
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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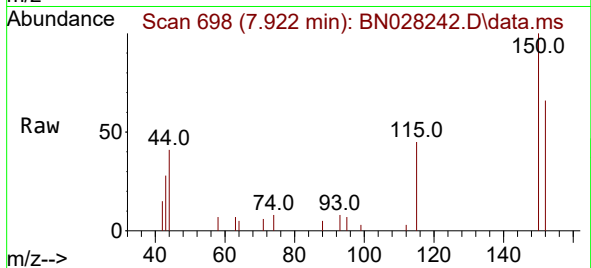
Quant Time: Oct 12 04:06:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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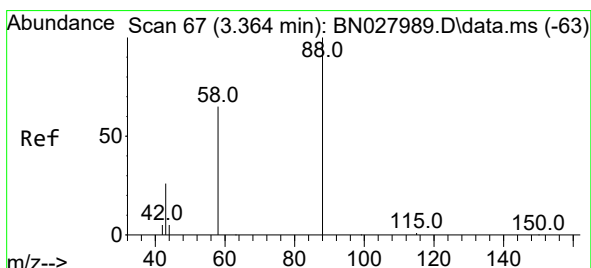
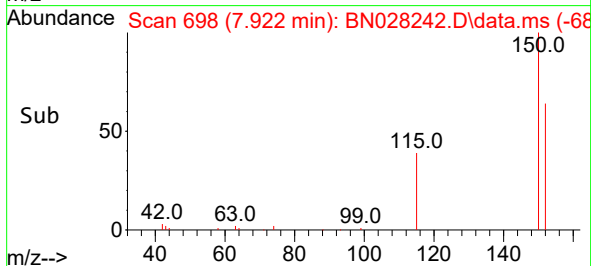
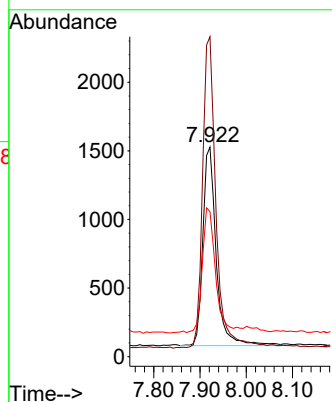
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.922 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028242.D
 Acq: 11 Oct 2023 20:51

Instrument :
 BNA_N
 ClientSampleId :
 SW-AP-02-100923



Tgt Ion:152 Resp: 2922

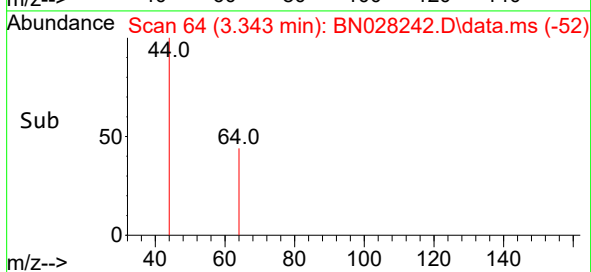
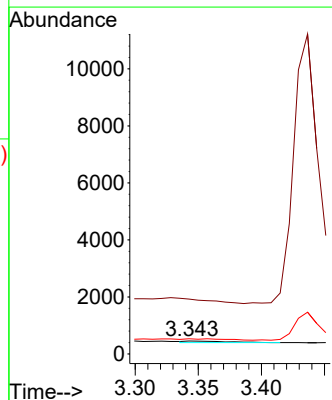
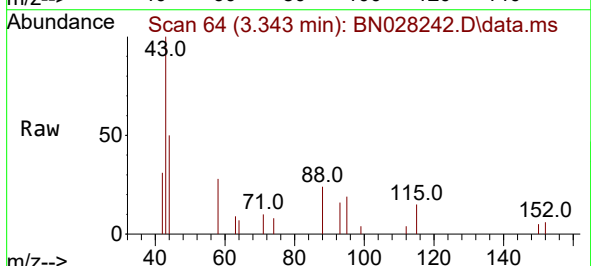
Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.6	188.4
115	69.2	54.8	82.2

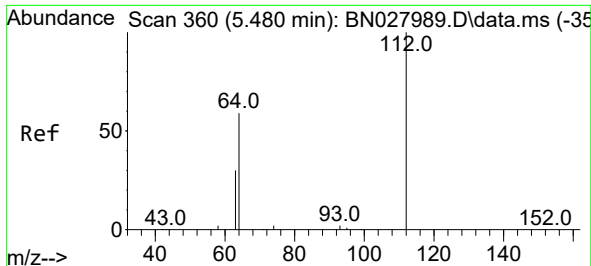


#2
 1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.343 min Scan# 64
 Delta R.T. -0.015 min
 Lab File: BN028242.D
 Acq: 11 Oct 2023 20:51

Tgt Ion: 88 Resp: 124

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.6	36.8#
58	0.0	53.8	80.6#

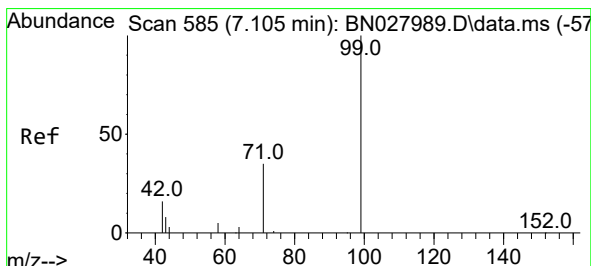
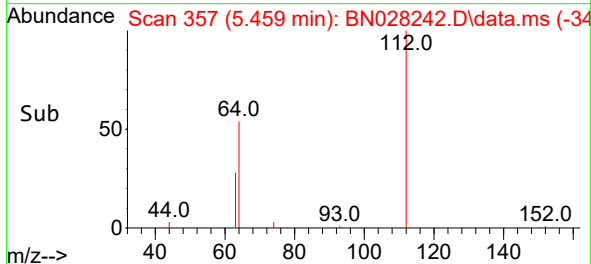
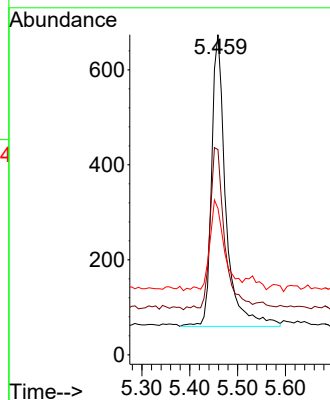
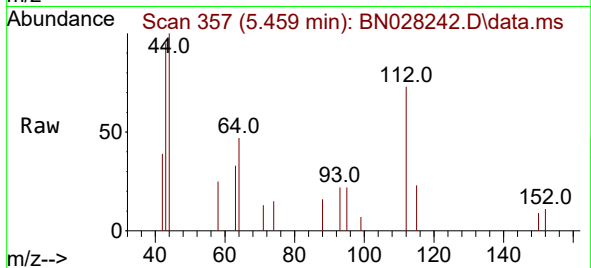




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.459 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

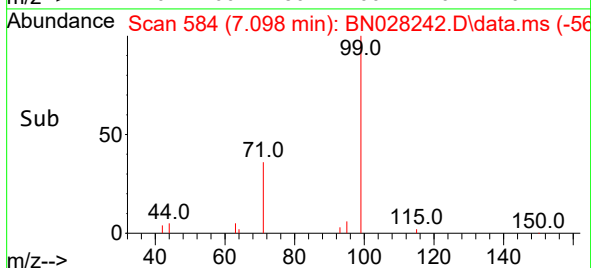
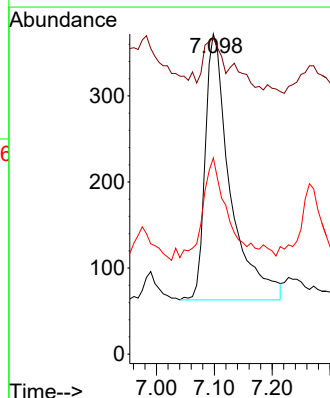
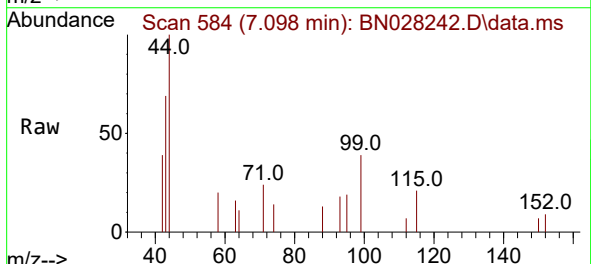
Instrument :
BNA_N
ClientSampleId :
SW-AP-02-100923

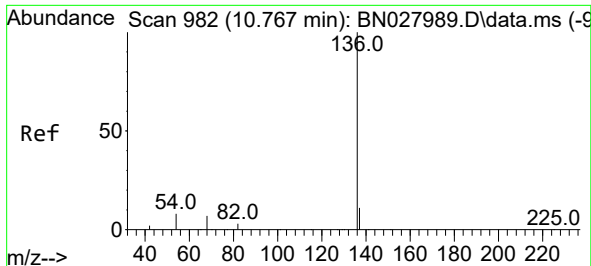
Tgt Ion:112 Resp: 1268
Ion Ratio Lower Upper
112 100
64 57.3 45.0 67.6
63 30.5 23.4 35.0



#5
Phenol-d6
Concen: 0.084 ng
RT: 7.098 min Scan# 584
Delta R.T. 0.007 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

Tgt Ion: 99 Resp: 928
Ion Ratio Lower Upper
99 100
42 12.0 14.6 22.0#
71 38.9 28.3 42.5

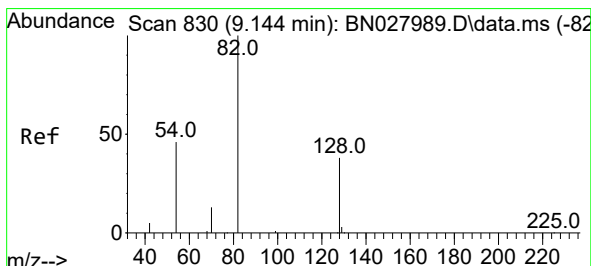
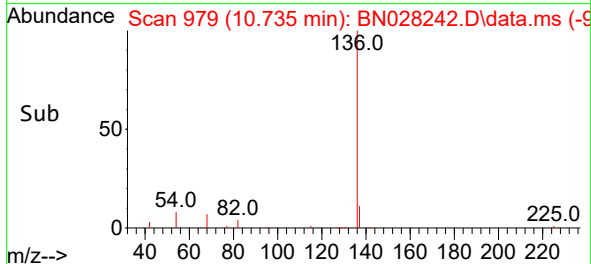
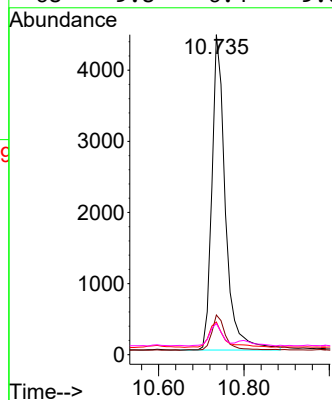
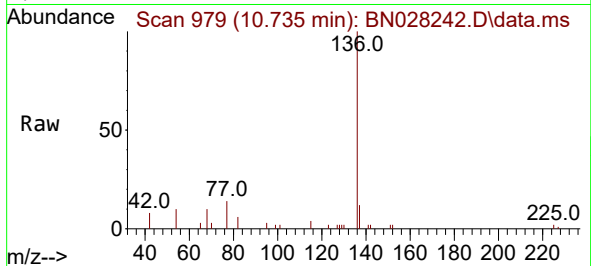




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

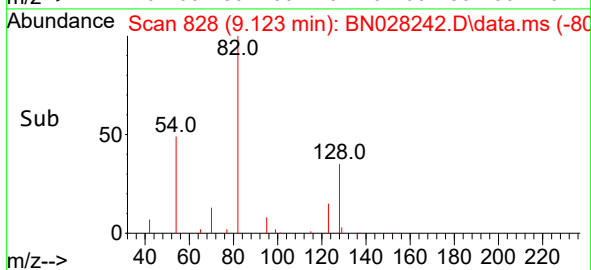
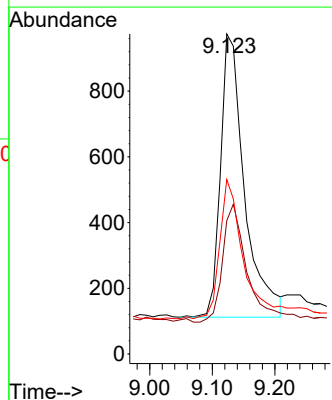
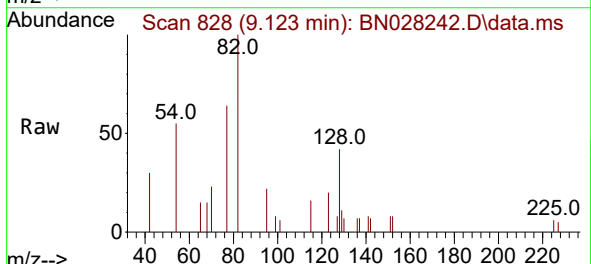
Instrument :
BNA_N
ClientSampleId :
SW-AP-02-100923

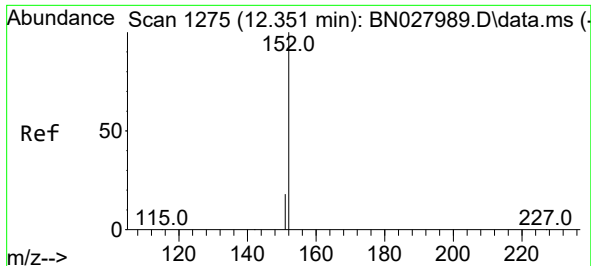
Tgt Ion:136 Resp: 9734
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.0
54 10.2 7.0 10.6
68 9.8 6.4 9.6#



#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 9.123 min Scan# 828
Delta R.T. -0.000 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

Tgt Ion: 82 Resp: 2295
Ion Ratio Lower Upper
82 100
128 41.7 32.7 49.1
54 54.5 38.7 58.1





#11

2-Methylnaphthalene-d10

Concen: 0.311 ng

RT: 12.320 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN028242.D

Acq: 11 Oct 2023 20:51

Instrument :

BNA_N

ClientSampleId :

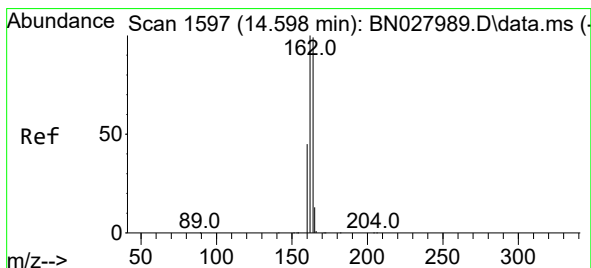
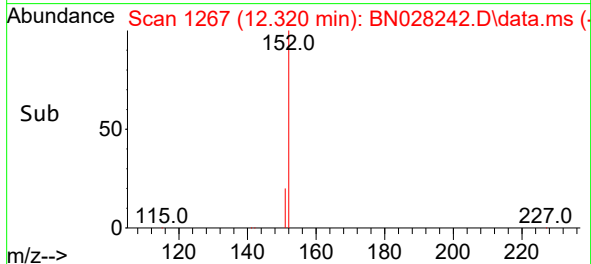
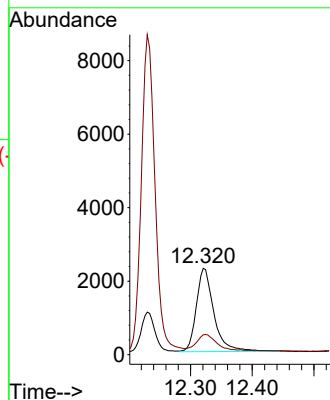
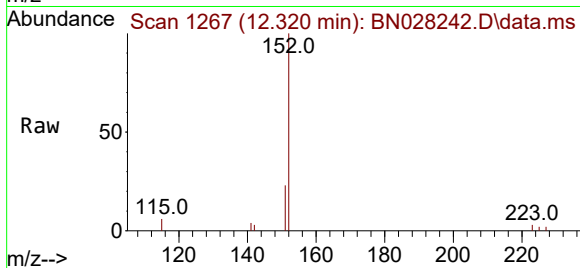
SW-AP-02-100923

Tgt Ion:152 Resp: 4483

Ion Ratio Lower Upper

152 100

151 23.1 16.5 24.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.566 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BN028242.D

Acq: 11 Oct 2023 20:51

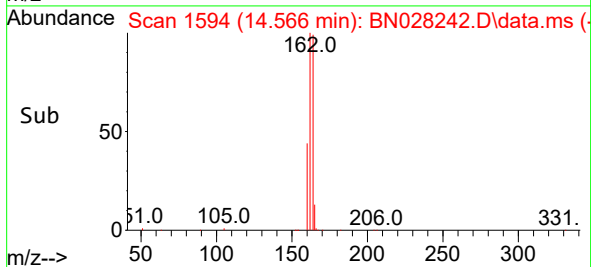
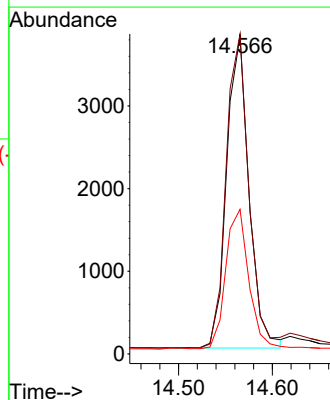
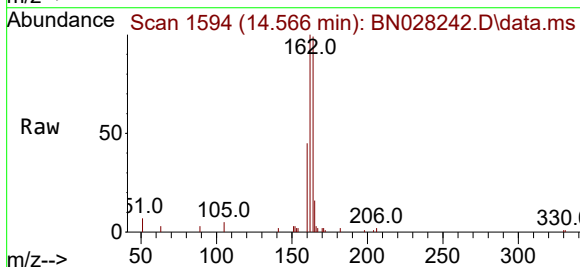
Tgt Ion:164 Resp: 6254

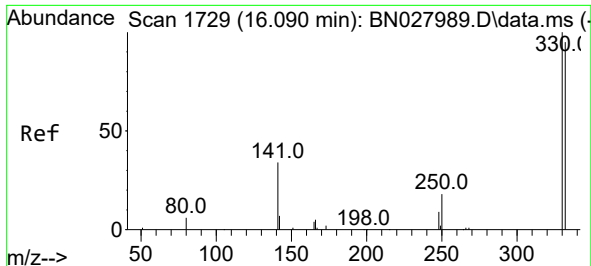
Ion Ratio Lower Upper

164 100

162 100.6 80.8 121.2

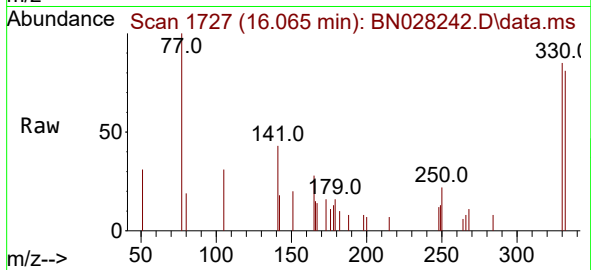
160 45.5 36.4 54.6



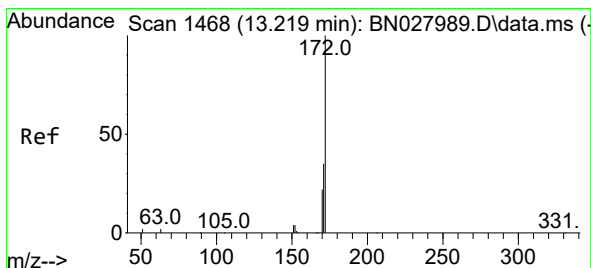
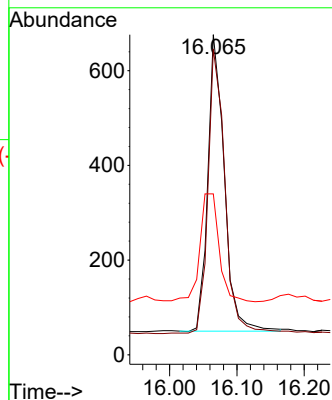
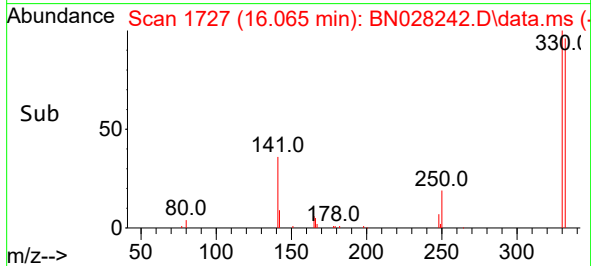


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 16.065 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

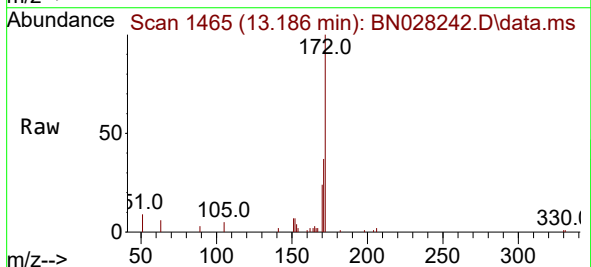
Instrument :
BNA_N
ClientSampleId :
SW-AP-02-100923



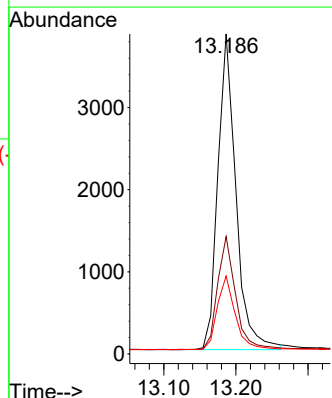
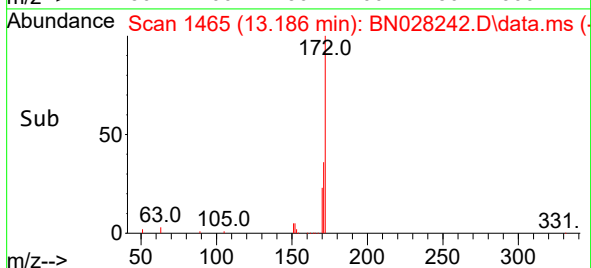
Tgt Ion:330 Resp: 1064
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 42.6 33.4 50.2

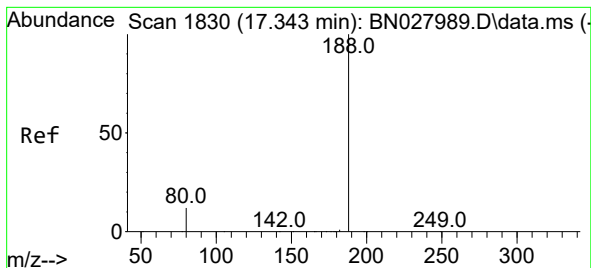


#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.186 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51



Tgt Ion:172 Resp: 6683
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 24.4 18.4 27.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.319 min Scan# 1828

Delta R.T. -0.000 min

Lab File: BN028242.D

Acq: 11 Oct 2023 20:51

Instrument :

BNA_N

ClientSampleId :

SW-AP-02-100923

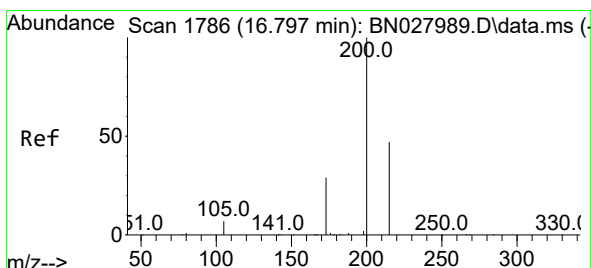
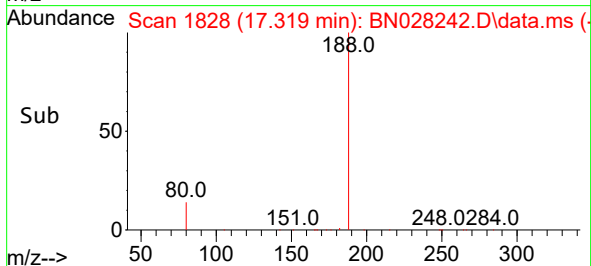
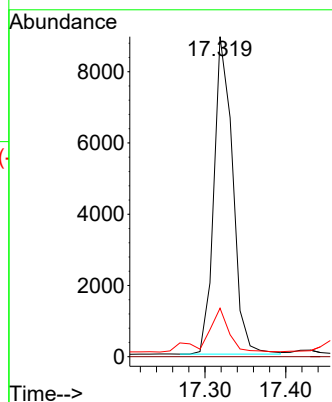
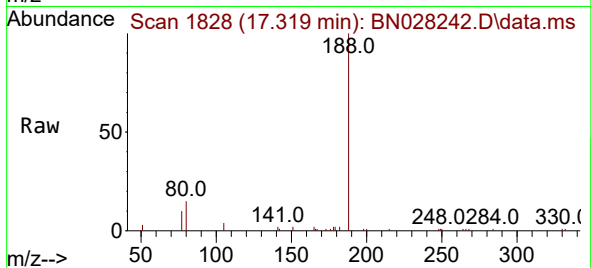
Tgt Ion:188 Resp: 14385

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.1 10.2 15.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.031 ng

RT: 16.760 min Scan# 1783

Delta R.T. -0.025 min

Lab File: BN028242.D

Acq: 11 Oct 2023 20:51

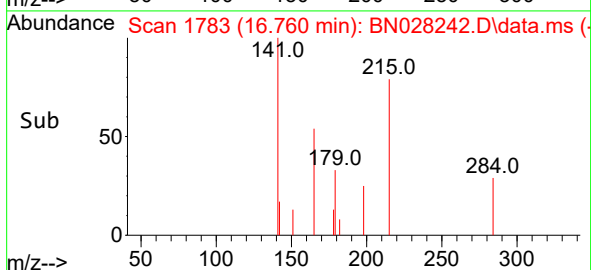
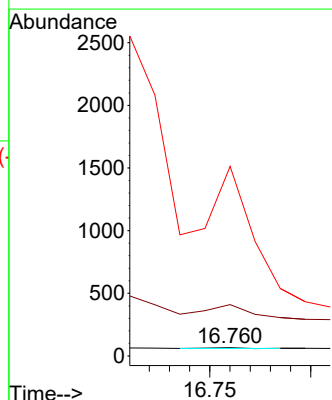
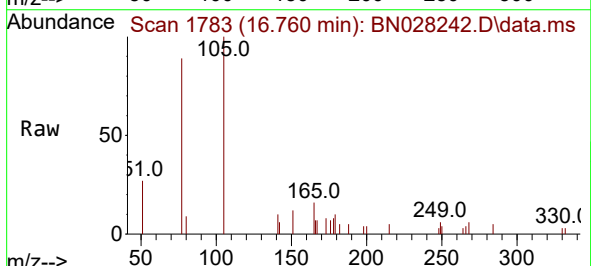
Tgt Ion:198 Resp: 6

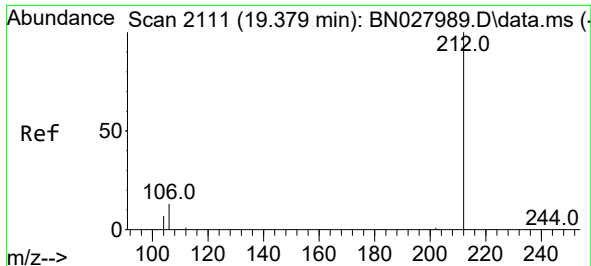
Ion Ratio Lower Upper

198 100

51 621.2 180.7 271.1#

105 2292.4 222.2 333.2#

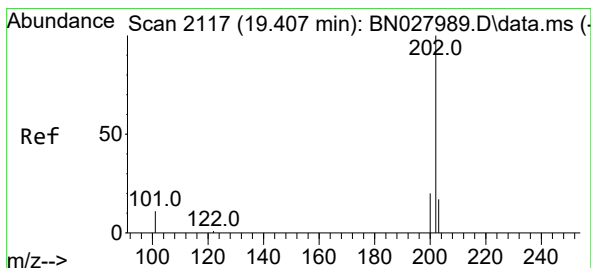
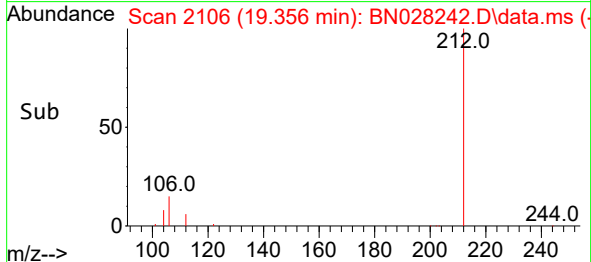
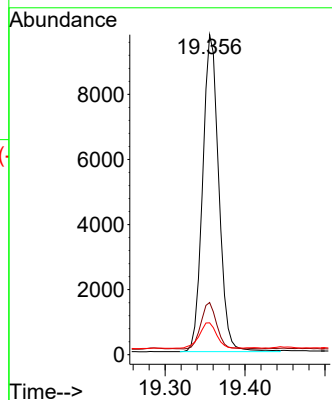
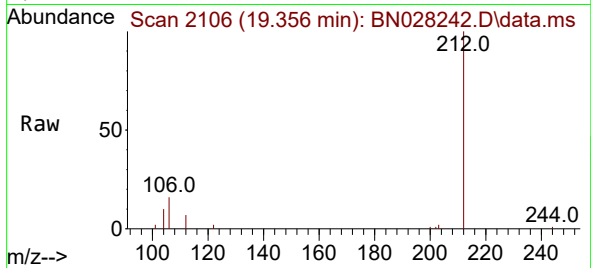




#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.356 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

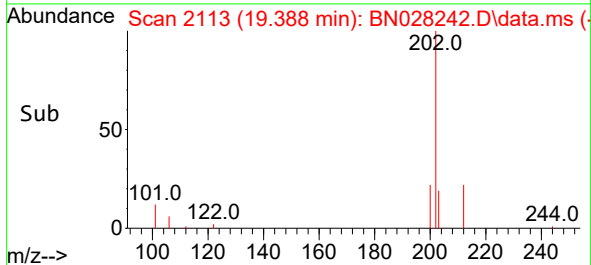
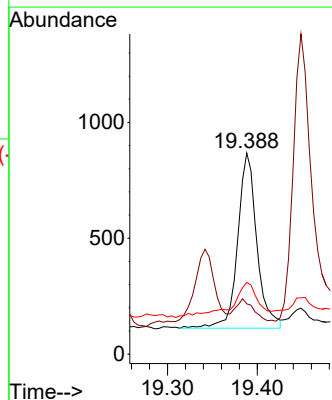
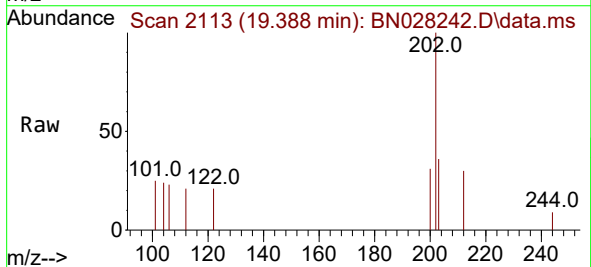
Instrument :
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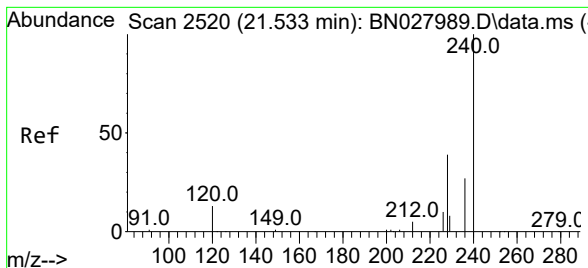
Tgt Ion:212 Resp: 13650
Ion Ratio Lower Upper
212 100
106 14.4 11.3 16.9
104 8.7 6.4 9.6



#28
Fluoranthene
Concen: 0.025 ng
RT: 19.388 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

Tgt Ion:202 Resp: 1122
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
203 27.5 13.8 20.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.524 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN028242.D

Acq: 11 Oct 2023 20:51

Instrument :

BNA_N

ClientSampleId :

SW-AP-02-100923

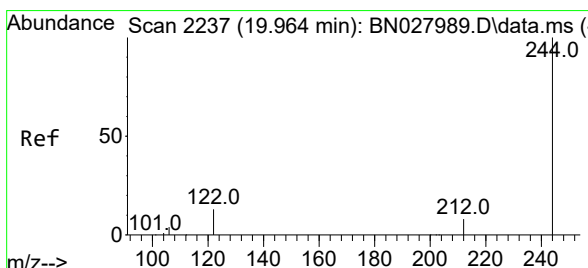
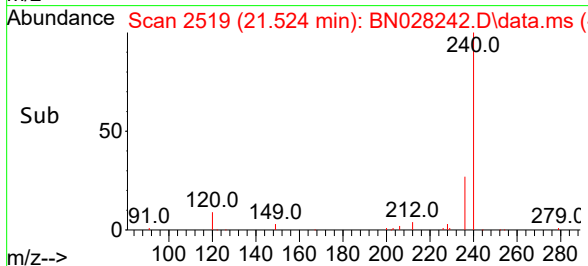
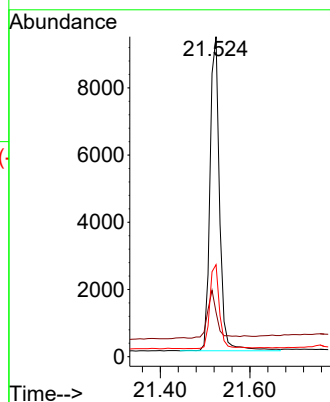
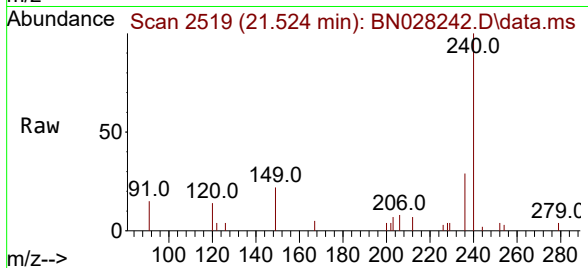
Tgt Ion:240 Resp: 13925

Ion Ratio Lower Upper

240 100

120 13.9 13.8 20.6

236 28.7 22.6 33.8



#31

Terphenyl-d14

Concen: 0.367 ng

RT: 19.946 min Scan# 2233

Delta R.T. 0.005 min

Lab File: BN028242.D

Acq: 11 Oct 2023 20:51

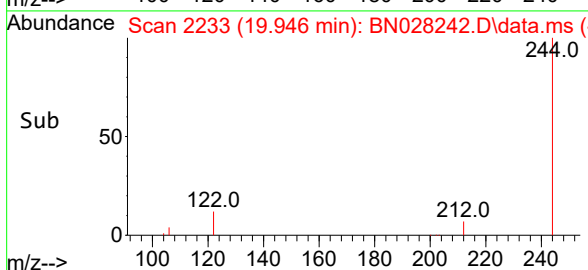
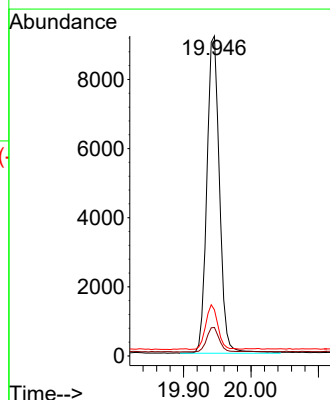
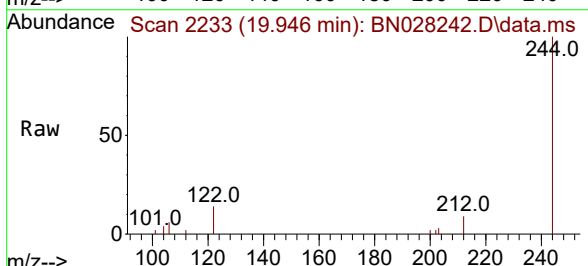
Tgt Ion:244 Resp: 11917

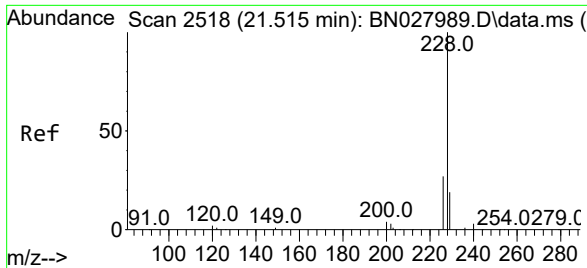
Ion Ratio Lower Upper

244 100

212 8.9 6.6 9.8

122 14.4 11.4 17.0

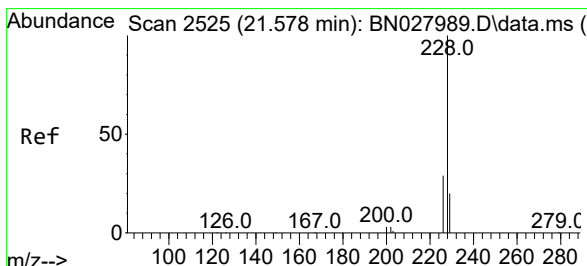
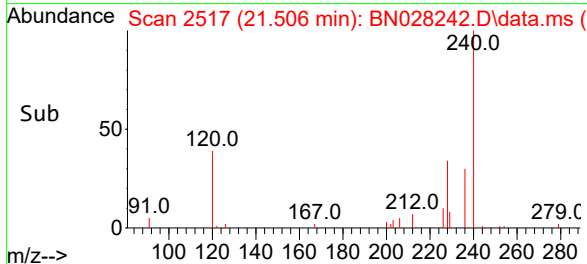
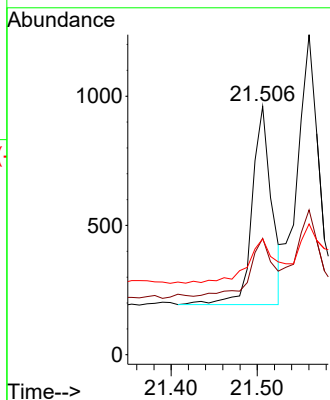
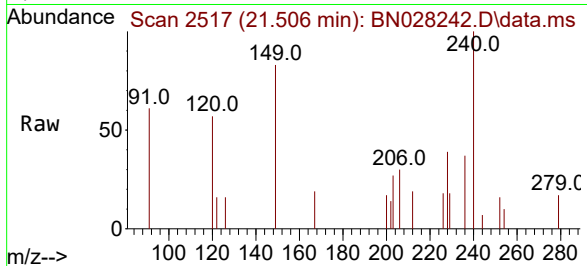




#32
Benzo(a)anthracene
Concen: 0.025 ng
RT: 21.506 min Scan# 2151
Delta R.T. 0.009 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

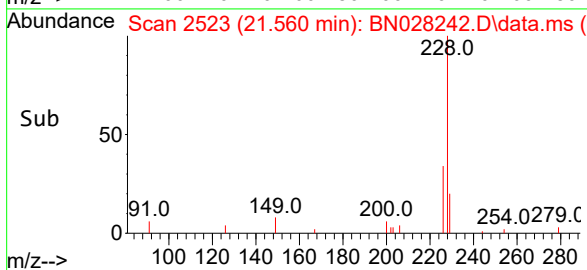
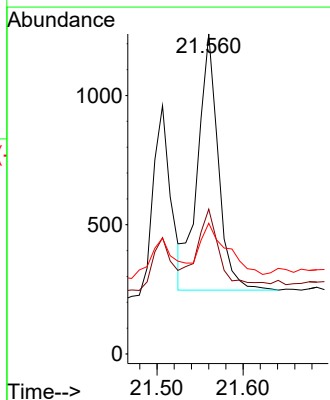
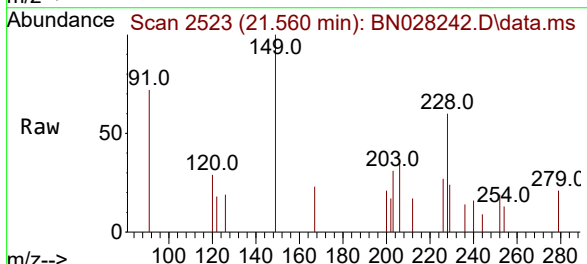
Instrument :
BNA_N
ClientSampleId :
SW-AP-02-100923

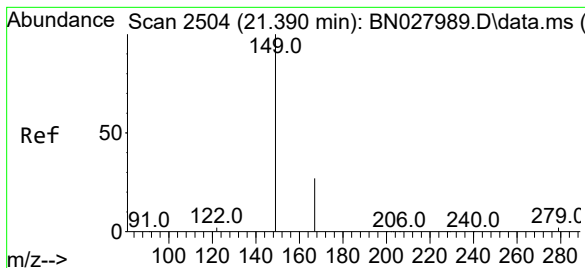
Tgt Ion:228 Resp: 1201
Ion Ratio Lower Upper
228 100
226 46.8 22.0 33.0#
229 46.6 16.0 24.0#



#33
Chrysene
Concen: 0.036 ng
RT: 21.560 min Scan# 2523
Delta R.T. 0.009 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

Tgt Ion:228 Resp: 1643
Ion Ratio Lower Upper
228 100
226 45.2 23.8 35.8#
229 40.9 16.6 25.0#

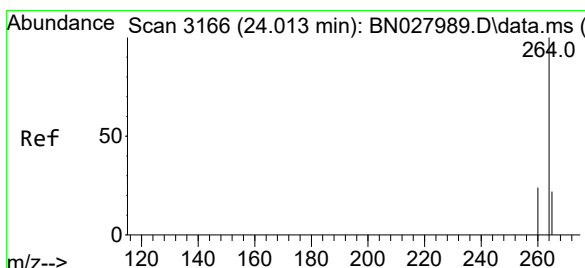
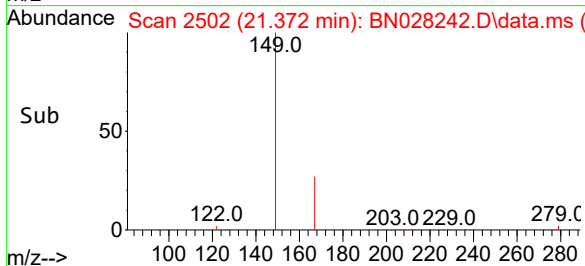
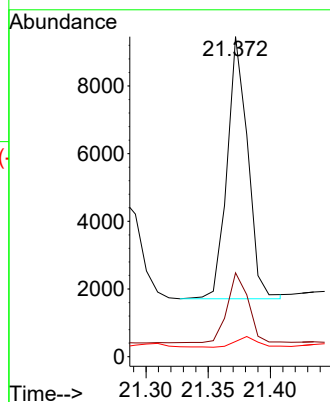
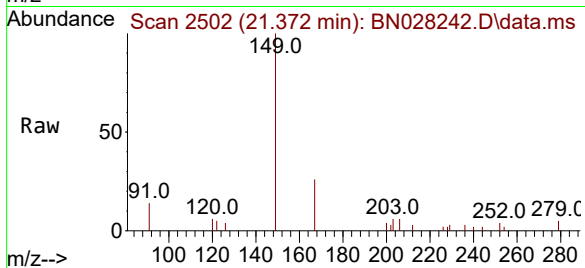




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.286 ng
 RT: 21.372 min Scan# 2159
 Delta R.T. 0.009 min
 Lab File: BN028242.D
 Acq: 11 Oct 2023 20:51

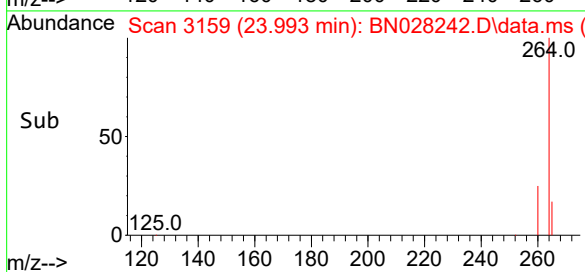
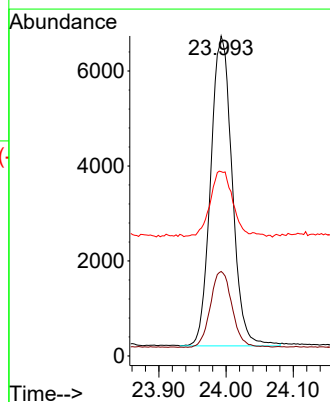
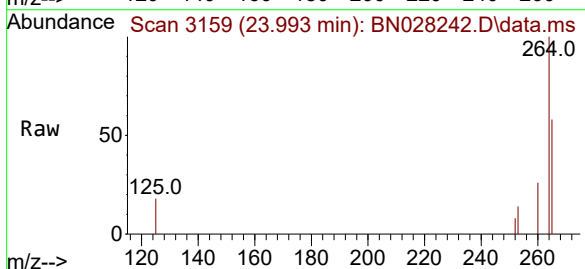
Instrument :
 BNA_N
 ClientSampleId :
 SW-AP-02-100923

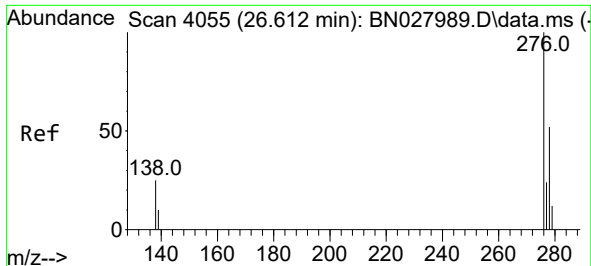
Tgt Ion:149 Resp: 8916
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.1 33.1
 279 4.7 3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.993 min Scan# 3159
 Delta R.T. 0.017 min
 Lab File: BN028242.D
 Acq: 11 Oct 2023 20:51

Tgt Ion:264 Resp: 14493
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.2 30.4
 265 57.6 54.8 82.2

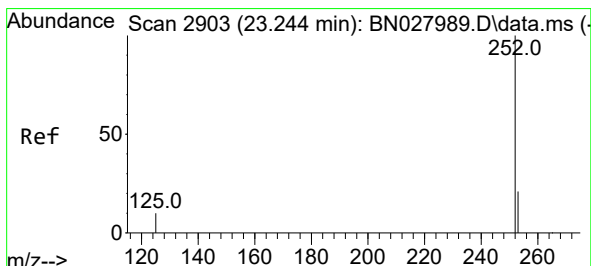
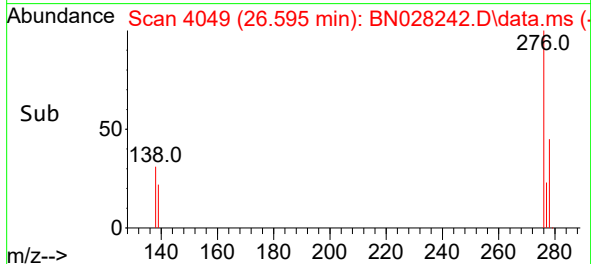
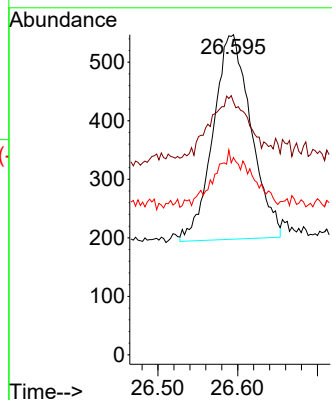
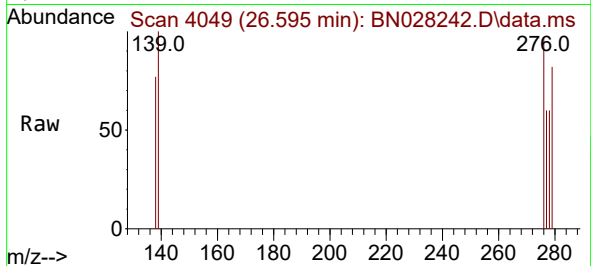




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 26.595 min Scan# 4055
Delta R.T. 0.038 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

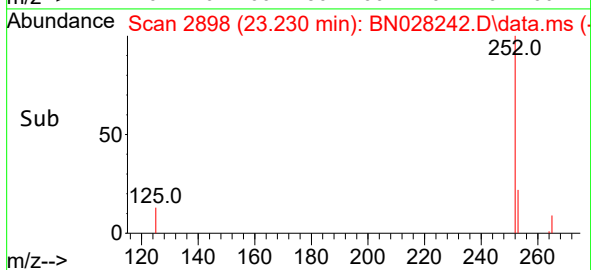
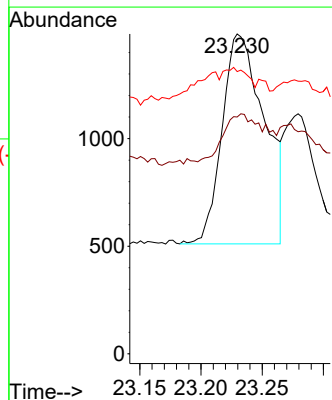
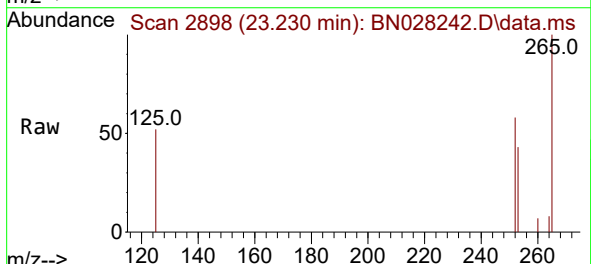
Instrument :
BNA_N
ClientSampleId :
SW-AP-02-100923

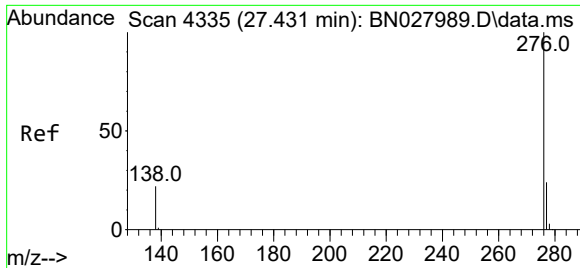
Tgt Ion:276 Resp: 1157
Ion Ratio Lower Upper
276 100
138 30.9 20.9 31.3
277 10.5 19.8 29.6#



#37
Benzo(b)fluoranthene
Concen: 0.050 ng
RT: 23.230 min Scan# 2898
Delta R.T. 0.017 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

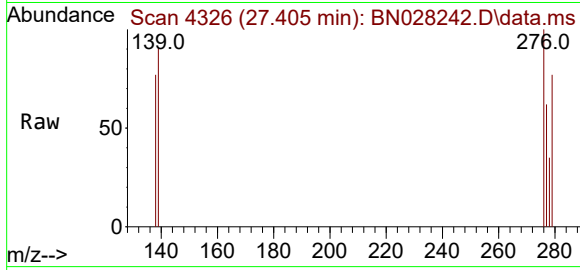
Tgt Ion:252 Resp: 2341
Ion Ratio Lower Upper
252 100
253 74.0 22.9 34.3#
125 88.2 13.8 20.8#





#41
Benzo(g,h,i)perylene
Concen: 0.030 ng
RT: 27.405 min Scan# 41
Delta R.T. 0.038 min
Lab File: BN028242.D
Acq: 11 Oct 2023 20:51

Instrument :
BNA_N
ClientSampleId :
SW-AP-02-100923



Tgt Ion:276 Resp: 1245
Ion Ratio Lower Upper
276 100
277 62.4 22.1 33.1#
138 76.9 20.8 31.2#

