

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027621.D
 Acq On : 12 Sep 2023 21:57
 Operator : MA/JU
 Sample : 04308-01
 Misc :
 ALS Vial : 123 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-06B-76.5-090523

Quant Time: Sep 13 06:03:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

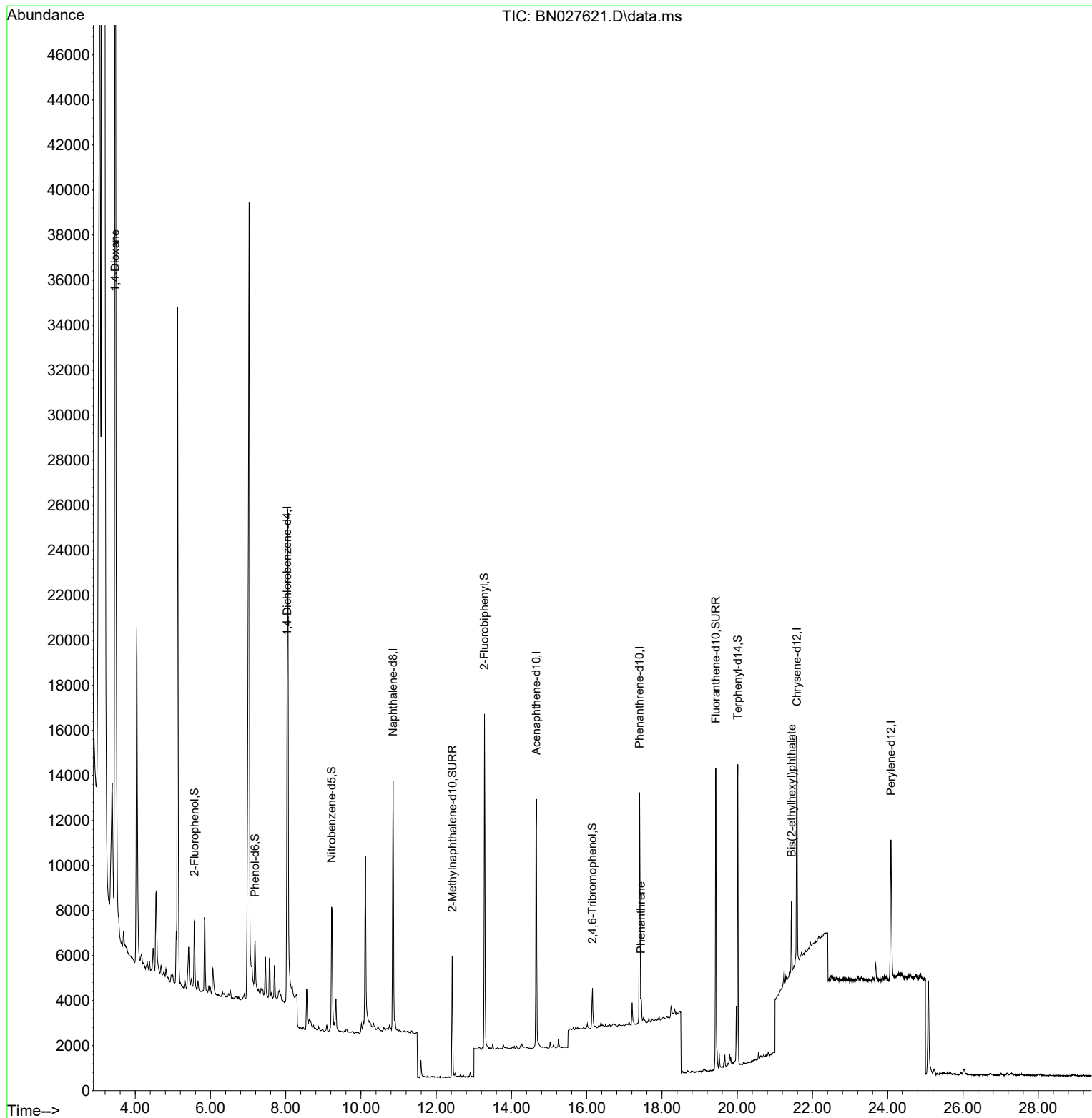
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	5603	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	15162	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	6949	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	13961	0.400	ng	0.00
29) Chrysene-d12	21.587	240	10476	0.400	ng	0.00
35) Perylene-d12	24.086	264	10081	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	2786	0.191	ng	0.00
5) Phenol-d6	7.185	99	2039	0.115	ng	0.00
8) Nitrobenzene-d5	9.219	82	5058	0.458	ng	-0.01
11) 2-Methylnaphthalene-d10	12.426	152	7451	0.335	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1017	0.395	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	12980	0.491	ng	-0.01
27) Fluoranthene-d10	19.430	212	14683	0.423	ng	0.00
31) Terphenyl-d14	20.015	244	13129	0.624	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	66829	9.770	ng	97
25) Phenanthrene	17.443	178	1196	0.029	ng	95
34) Bis(2-ethylhexyl)phtha...	21.444	149	2946	0.170	ng	99

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

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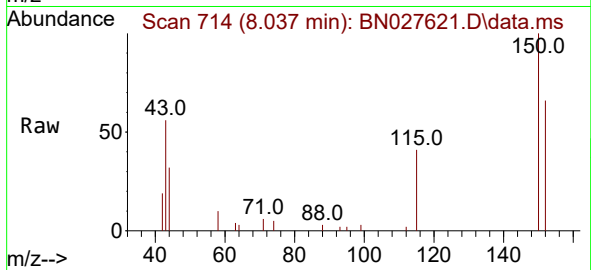
Quant Time: Sep 13 06:03:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration



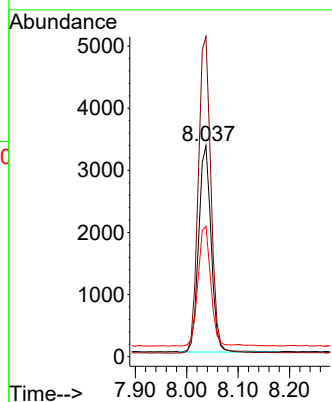
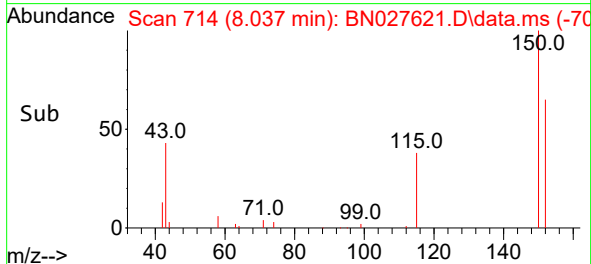


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.037 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: BN027621.D
 Acq: 12 Sep 2023 21:57

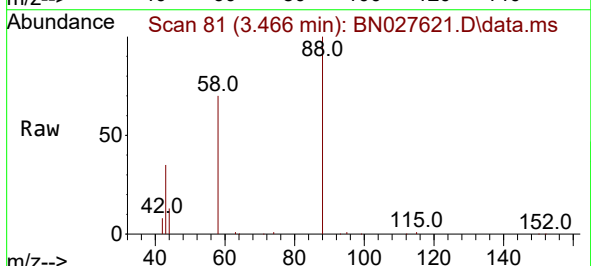
Instrument :
 BNA_N
 ClientSampleId :
 OW-06B-76.5-090523



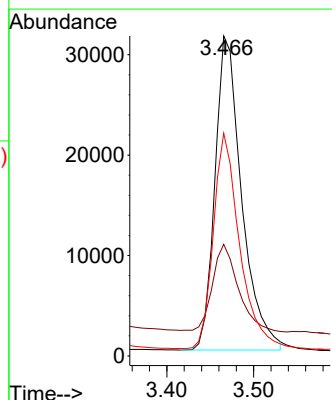
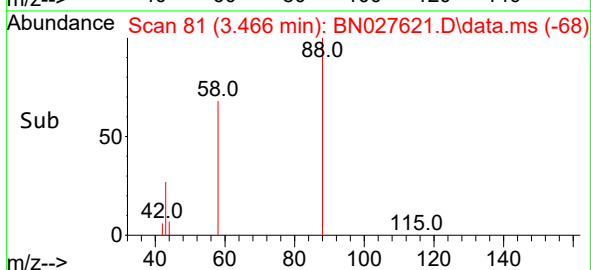
Tgt Ion: 152 Resp: 5603
 Ion Ratio Lower Upper
 152 100
 150 151.7 122.7 184.1
 115 61.9 48.6 73.0



#2
 1,4-Dioxane
 Concen: 9.770 ng
 RT: 3.466 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027621.D
 Acq: 12 Sep 2023 21:57



Tgt Ion: 88 Resp: 66829
 Ion Ratio Lower Upper
 88 100
 43 26.8 19.1 28.7
 58 66.8 52.2 78.2

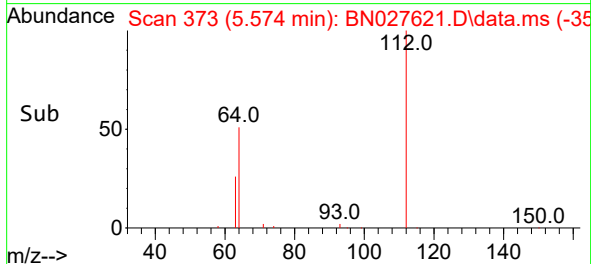
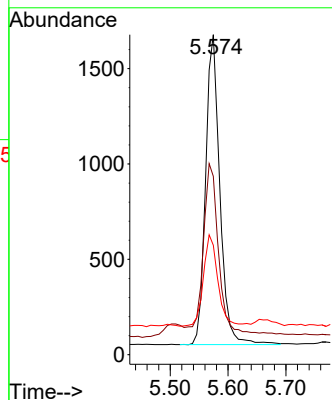
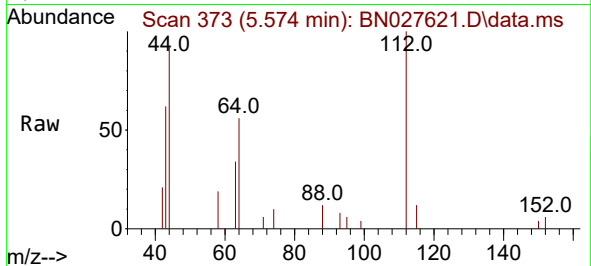




#4
2-Fluorophenol
Concen: 0.191 ng
RT: 5.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027621.D
Acq: 12 Sep 2023 21:57

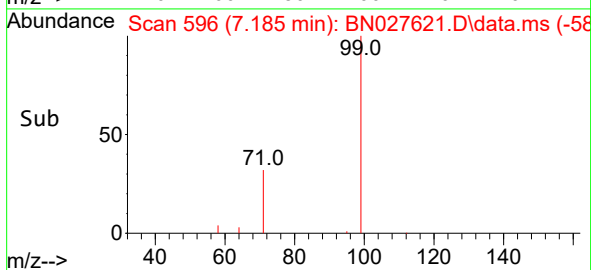
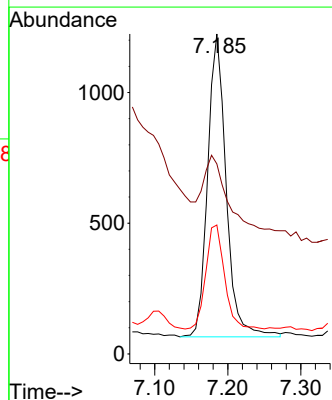
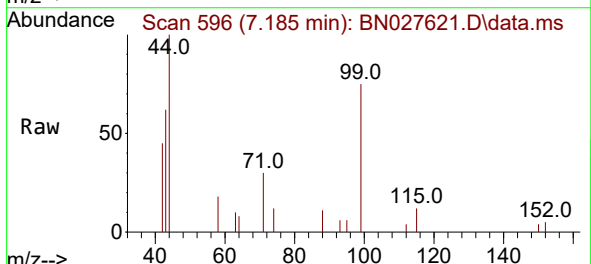
Instrument :
BNA_N
ClientSampleId :
OW-06B-76.5-090523

Tgt Ion:112 Resp: 2786
Ion Ratio Lower Upper
112 100
64 58.5 44.4 66.6
63 29.9 23.1 34.7



#5
Phenol-d6
Concen: 0.115 ng
RT: 7.185 min Scan# 596
Delta R.T. 0.000 min
Lab File: BN027621.D
Acq: 12 Sep 2023 21:57

Tgt Ion: 99 Resp: 2039
Ion Ratio Lower Upper
99 100
42 45.5 14.5 21.7#
71 34.7 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.853 min Scan# 994

Delta R.T. 0.000 min

Lab File: BN027621.D

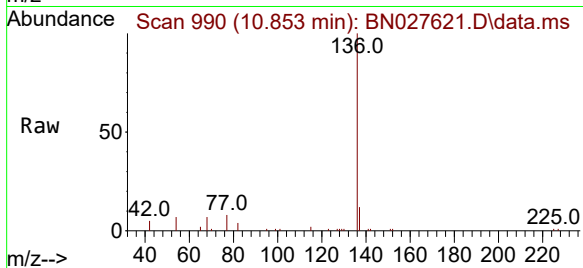
Acq: 12 Sep 2023 21:57

Instrument :

BNA_N

ClientSampleId :

OW-06B-76.5-090523



Tgt Ion:136 Resp: 15162

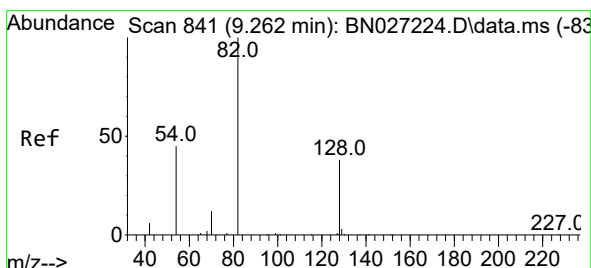
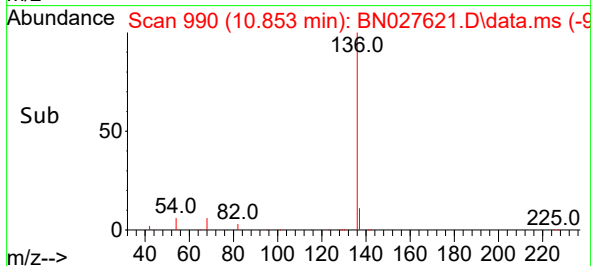
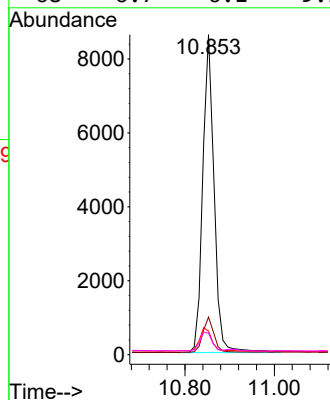
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 7.3 6.7 10.1

68 6.7 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.458 ng

RT: 9.219 min Scan# 837

Delta R.T. -0.011 min

Lab File: BN027621.D

Acq: 12 Sep 2023 21:57

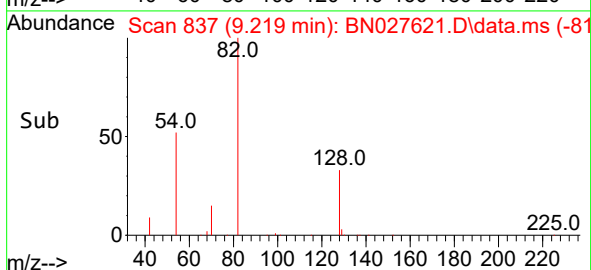
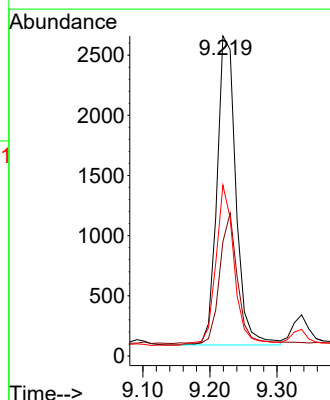
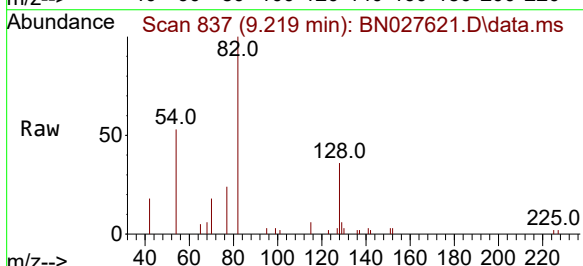
Tgt Ion: 82 Resp: 5058

Ion Ratio Lower Upper

82 100

128 35.7 33.4 50.0

54 53.3 37.7 56.5

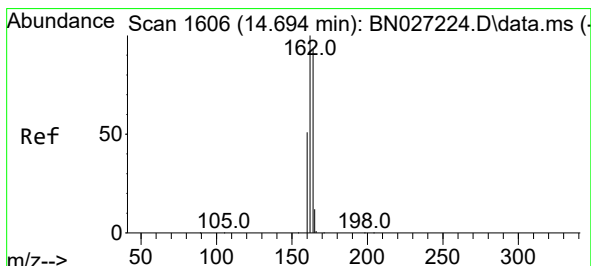
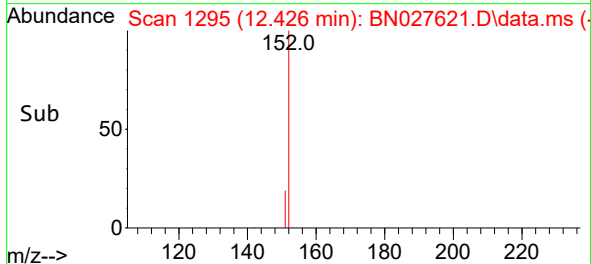
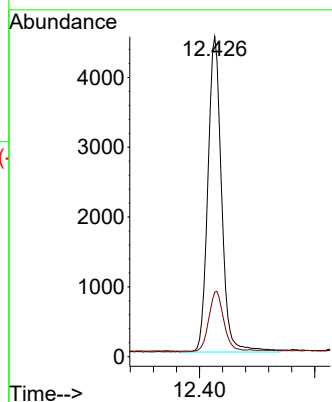
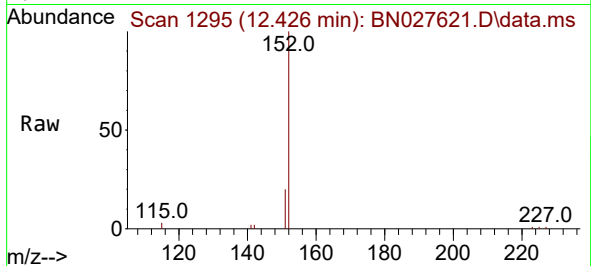




#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.426 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027621.D
Acq: 12 Sep 2023 21:57

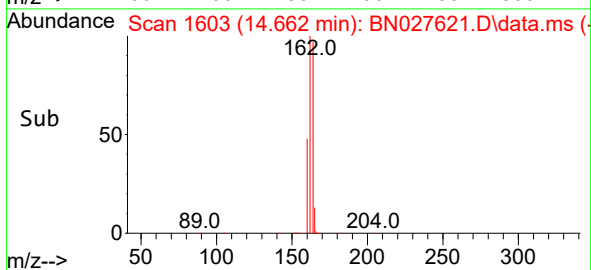
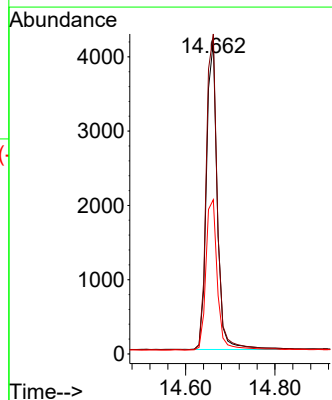
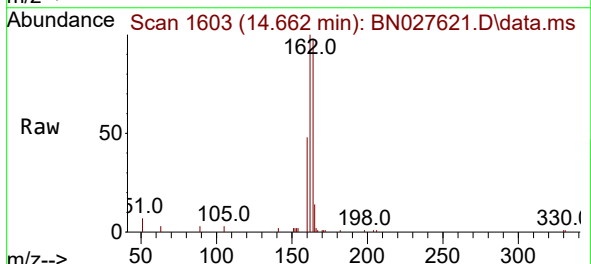
Instrument :
BNA_N
ClientSampleId :
OW-06B-76.5-090523

Tgt Ion:152 Resp: 7451
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BN027621.D
Acq: 12 Sep 2023 21:57

Tgt Ion:164 Resp: 6949
Ion Ratio Lower Upper
164 100
162 102.5 85.8 128.8
160 49.4 44.2 66.2

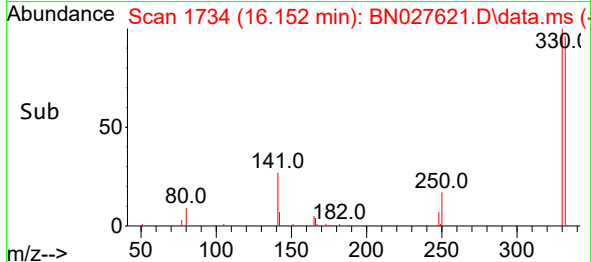
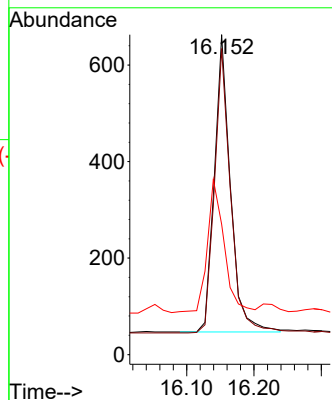
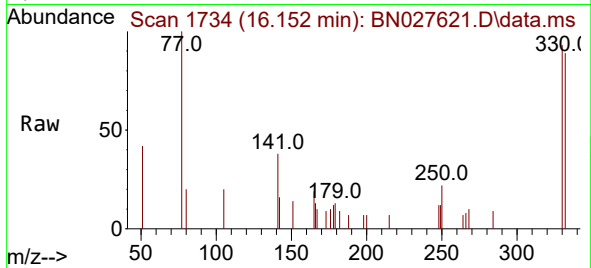




#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 16.152 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027621.D
Acq: 12 Sep 2023 21:57

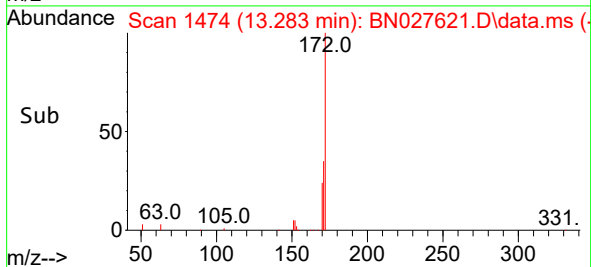
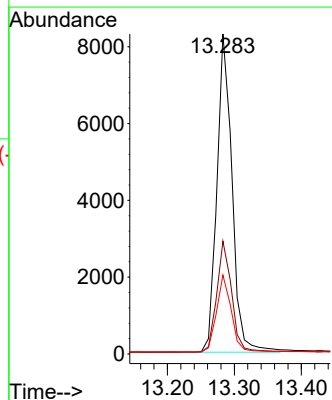
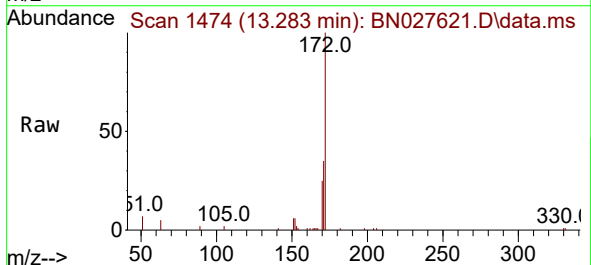
Instrument :
BNA_N
ClientSampleId :
OW-06B-76.5-090523

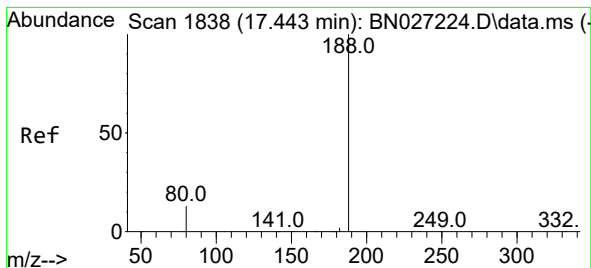
Tgt Ion:330 Resp: 1017
Ion Ratio Lower Upper
330 100
332 96.8 75.2 112.8
141 46.9 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.491 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027621.D
Acq: 12 Sep 2023 21:57

Tgt Ion:172 Resp: 12980
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 24.7 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BN027621.D

Acq: 12 Sep 2023 21:57

Instrument :

BNA_N

ClientSampleId :

OW-06B-76.5-090523

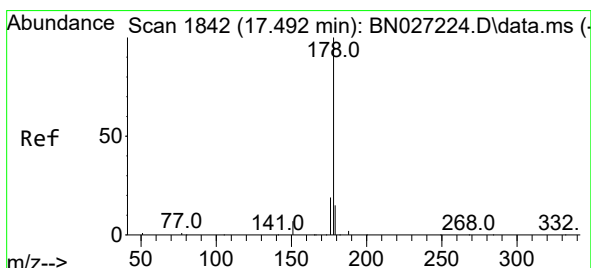
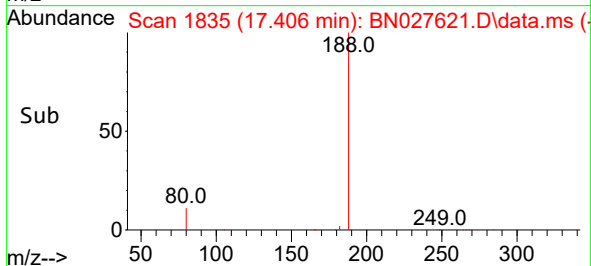
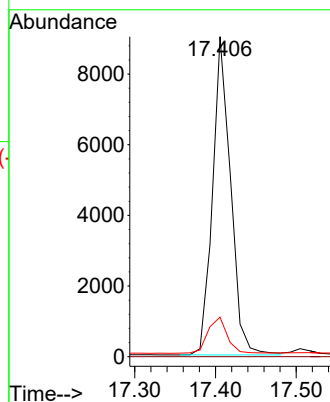
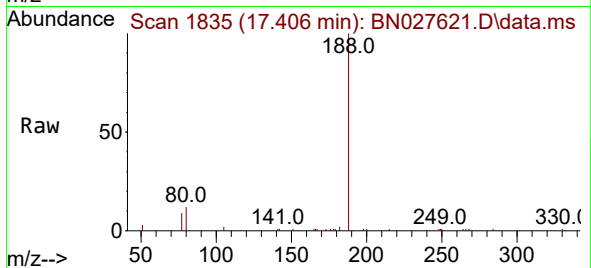
Tgt Ion:188 Resp: 13961

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 11.0 16.6



#25

Phenanthrene

Concen: 0.029 ng

RT: 17.443 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BN027621.D

Acq: 12 Sep 2023 21:57

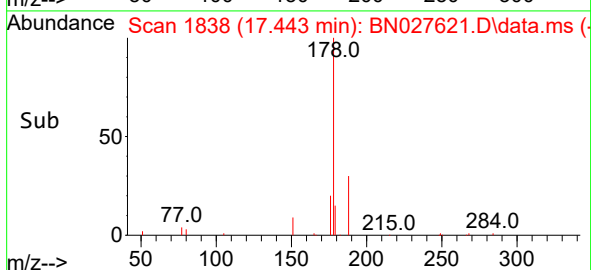
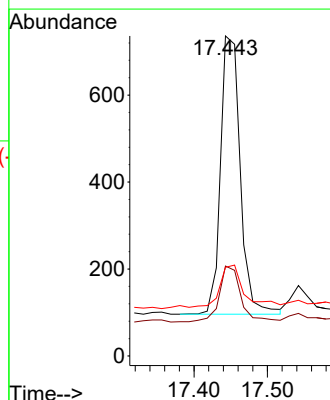
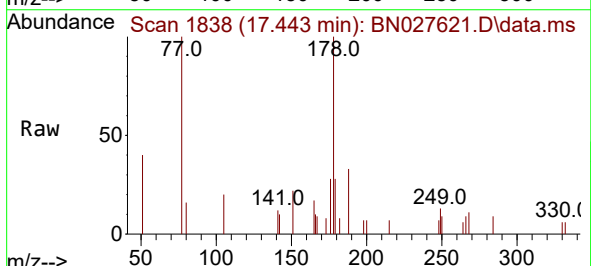
Tgt Ion:178 Resp: 1196

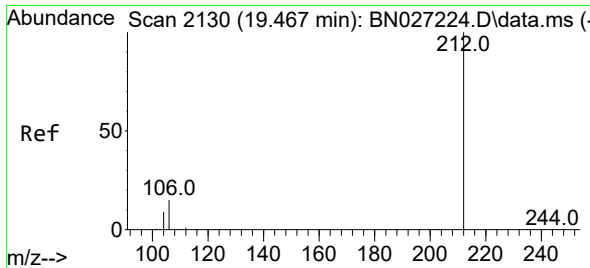
Ion Ratio Lower Upper

178 100

176 21.5 15.6 23.4

179 18.2 12.3 18.5

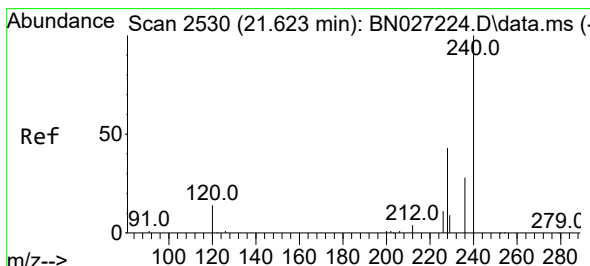
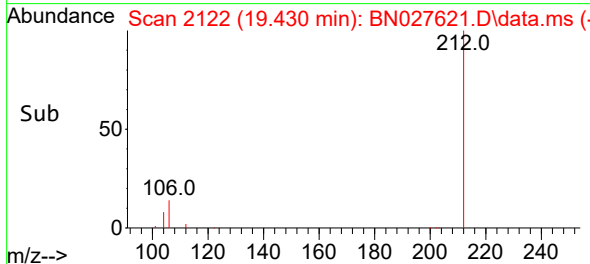
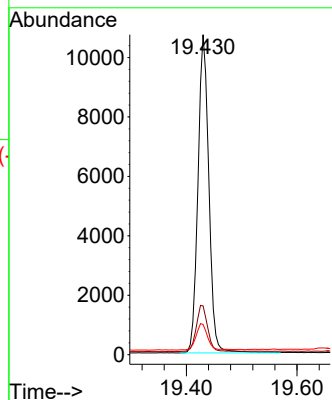
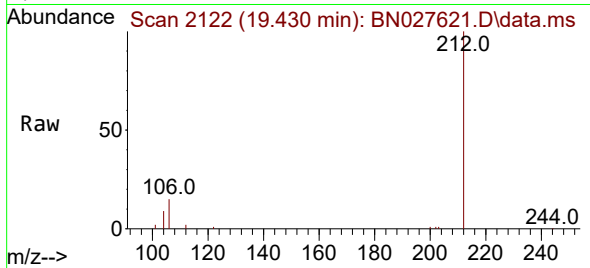




#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.430 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027621.D
Acq: 12 Sep 2023 21:57

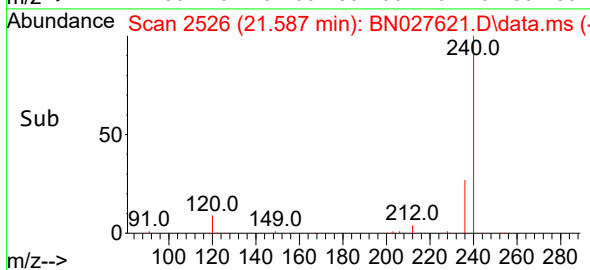
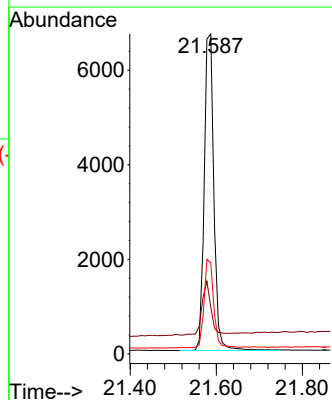
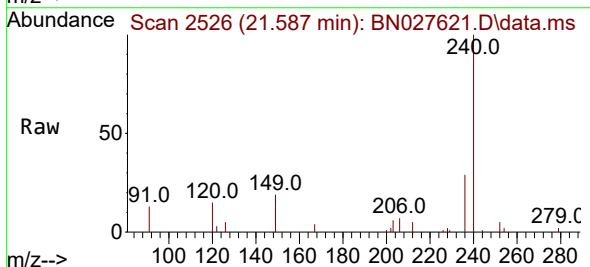
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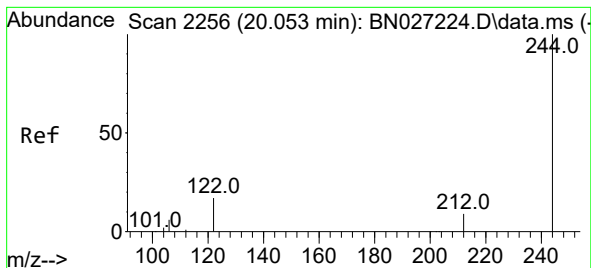
Tgt Ion:212 Resp: 14683
Ion Ratio Lower Upper
212 100
106 15.2 12.1 18.1
104 8.8 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BN027621.D
Acq: 12 Sep 2023 21:57

Tgt Ion:240 Resp: 10476
Ion Ratio Lower Upper
240 100
120 14.7 14.2 21.4
236 28.5 22.9 34.3





#31

Terphenyl-d14

Concen: 0.624 ng

RT: 20.015 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN027621.D

Acq: 12 Sep 2023 21:57

Instrument :

BNA_N

ClientSampleId :

OW-06B-76.5-090523

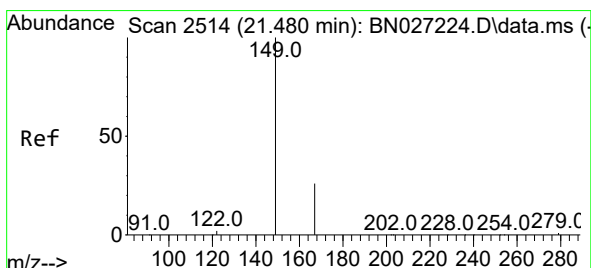
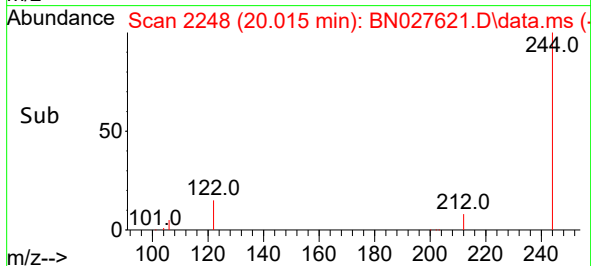
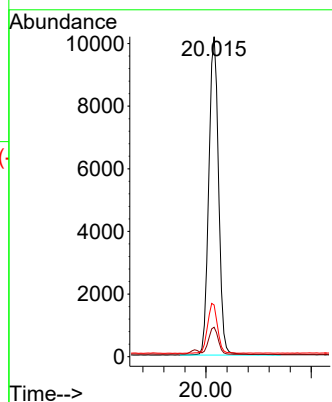
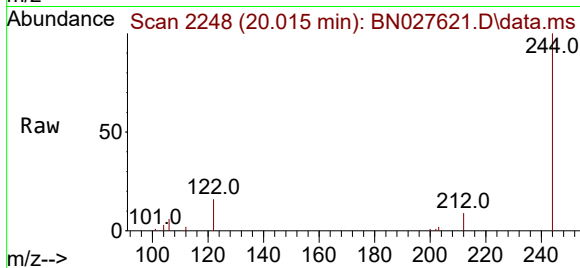
Tgt Ion:244 Resp: 13129

Ion Ratio Lower Upper

244 100

212 9.2 7.5 11.3

122 16.2 14.0 21.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.170 ng

RT: 21.444 min Scan# 2510

Delta R.T. 0.000 min

Lab File: BN027621.D

Acq: 12 Sep 2023 21:57

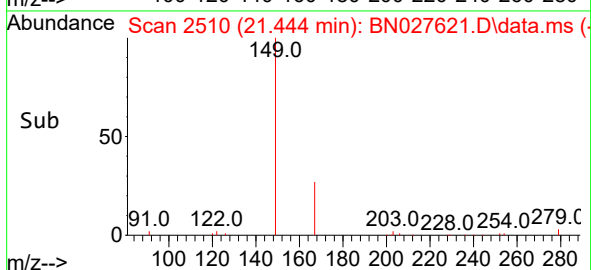
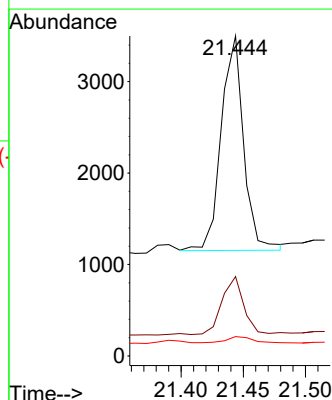
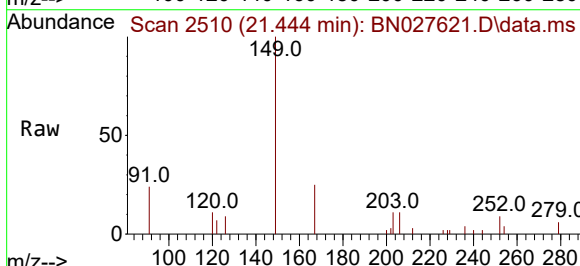
Tgt Ion:149 Resp: 2946

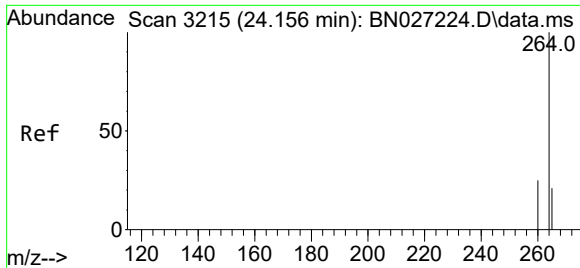
Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 3.8 2.7 4.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.086 min Scan# 31

Delta R.T. -0.009 min

Lab File: BN027621.D

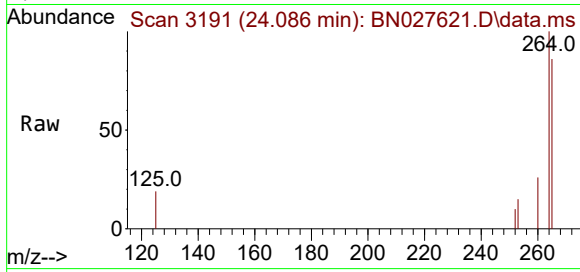
Acq: 12 Sep 2023 21:57

Instrument :

BNA_N

ClientSampleId :

OW-06B-76.5-090523



Tgt Ion:264 Resp: 10081

Ion Ratio Lower Upper

264 100

260 26.1 20.7 31.1

265 85.5 53.3 79.9#

