

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
 Data File : BN032880.D
 Acq On : 20 Jul 2024 17:11
 Operator : MA/JU
 Sample : PB162161BL
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 00:43:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

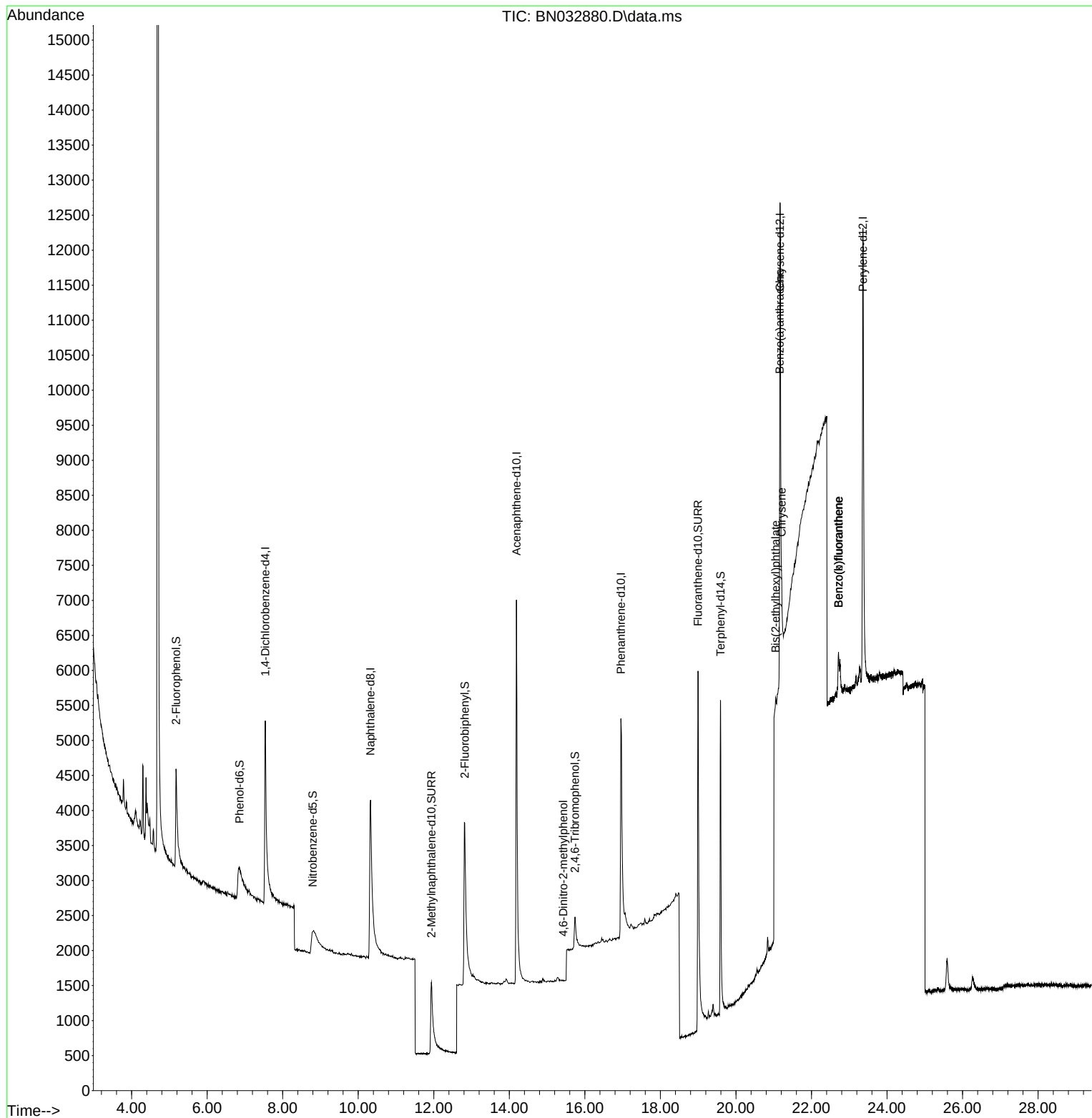
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	2752	0.400	ng	0.00
7) Naphthalene-d8	10.325	136	8423	0.400	ng	# 0.02
13) Acenaphthene-d10	14.189	164	5008	0.400	ng	0.01
19) Phenanthrene-d10	16.954	188	8449	0.400	ng	# 0.00
29) Chrysene-d12	21.166	240	8921	0.400	ng	0.00
35) Perylene-d12	23.361	264	10758	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.176	112	2745	0.394	ng	0.00
5) Phenol-d6	6.859	99	2250	0.260	ng	0.08
8) Nitrobenzene-d5	8.798	82	1670	0.263	ng	0.06
11) 2-Methylnaphthalene-d10	11.937	152	3753	0.291	ng	0.02
14) 2,4,6-Tribromophenol	15.738	330	431	0.201	ng	0.01
15) 2-Fluorobiphenyl	12.820	172	5692	0.305	ng	0.01
27) Fluoranthene-d10	18.994	212	7767	0.355	ng	0.00
31) Terphenyl-d14	19.593	244	6422	0.351	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.429	198	4	0.295	ng	# 1
32) Benzo(a)anthracene	21.157	228	606	0.021	ng	# 39
33) Chrysene	21.211	228	816	0.024	ng	# 55
34) Bis(2-ethylhexyl)phtha...	21.050	149	4480	0.287	ng	# 89
37) Benzo(b)fluoranthene	22.715	252	942	0.025	ng	# 1
38) Benzo(k)fluoranthene	22.715	252	942	0.022	ng	# 1

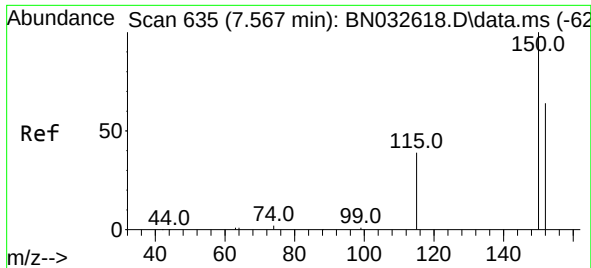
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
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BNA_N
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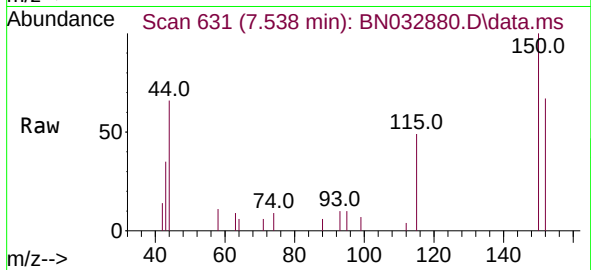
Quant Time: Jul 22 00:43:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration



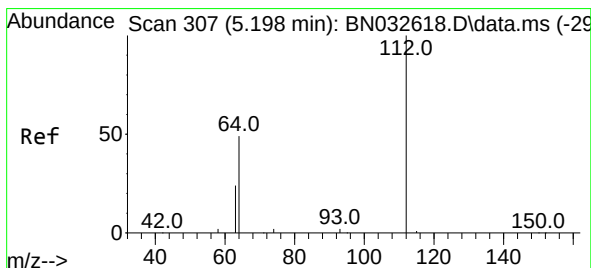
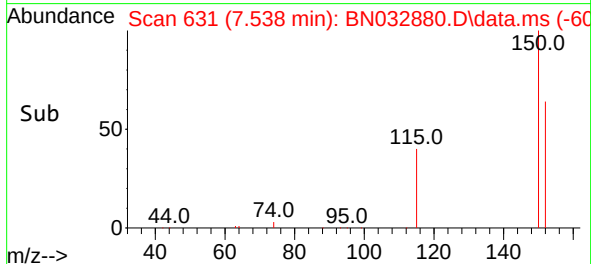
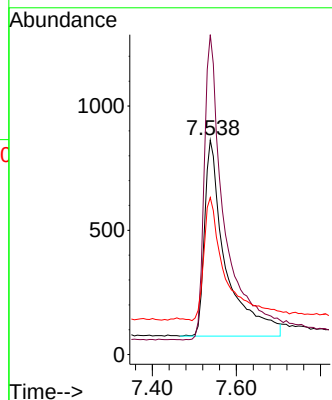


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

Instrument :
BNA_N
ClientSampleId :

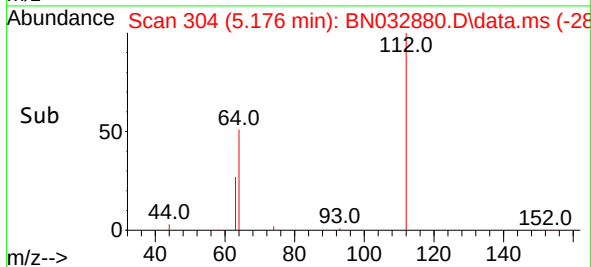
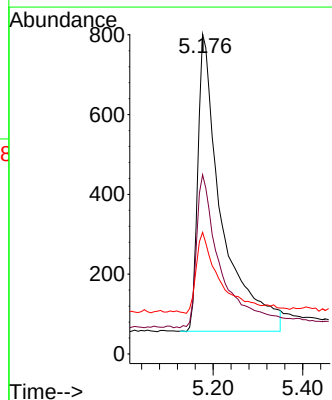
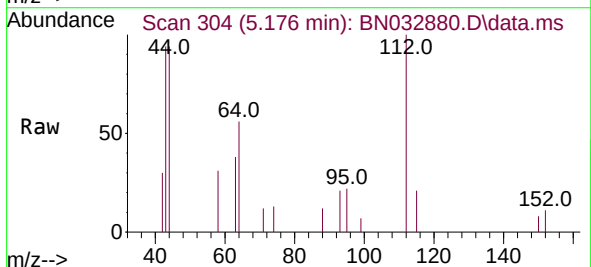


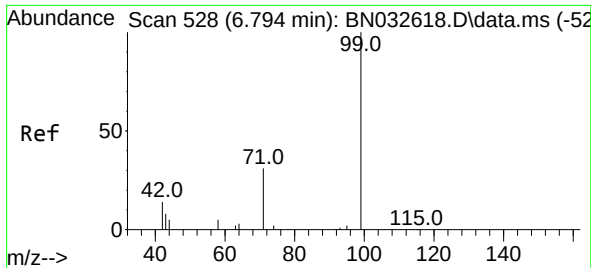
Tgt Ion:152 Resp: 2752
Ion Ratio Lower Upper
152 100
150 149.1 123.8 185.6
115 73.2 52.8 79.2



#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.176 min Scan# 304
Delta R.T. 0.000 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

Tgt Ion:112 Resp: 2745
Ion Ratio Lower Upper
112 100
64 52.7 40.2 60.4
63 26.9 22.2 33.4

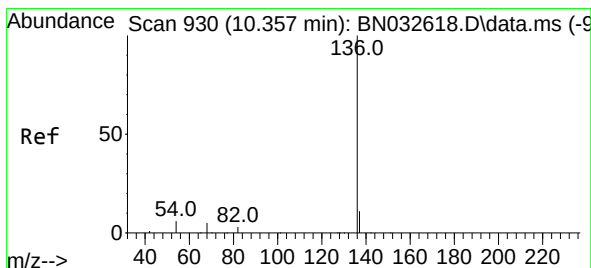
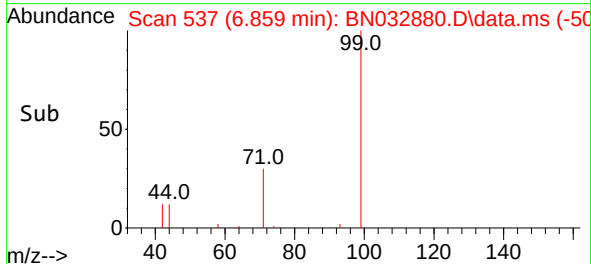
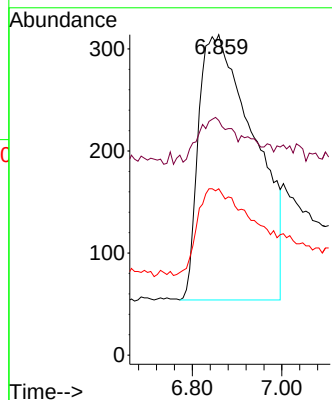
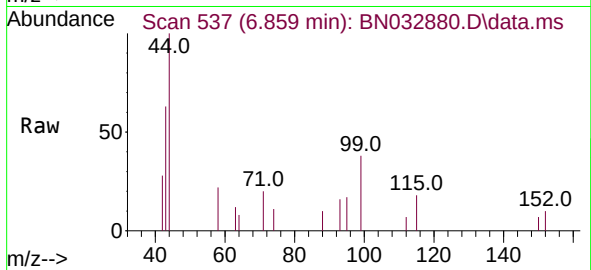




#5
Phenol-d6
Concen: 0.260 ng
RT: 6.859 min Scan# 51
Delta R.T. 0.080 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

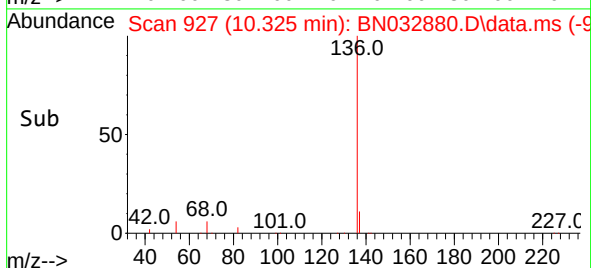
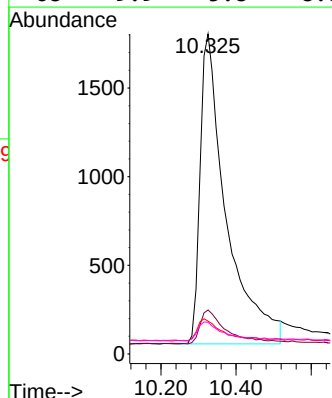
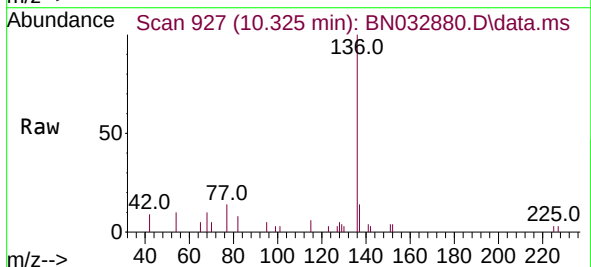
Instrument :
BNA_N
ClientSampleId :

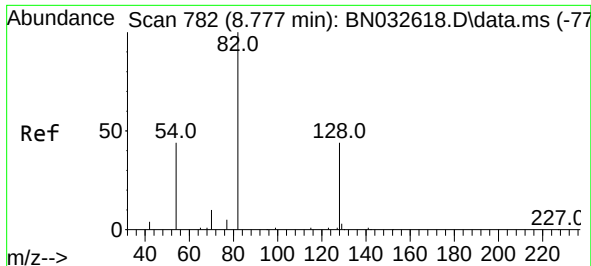
Tgt Ion: 99 Resp: 2250
Ion Ratio Lower Upper
99 100
42 9.7 10.5 15.7#
71 0.0 22.3 33.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 927
Delta R.T. 0.021 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

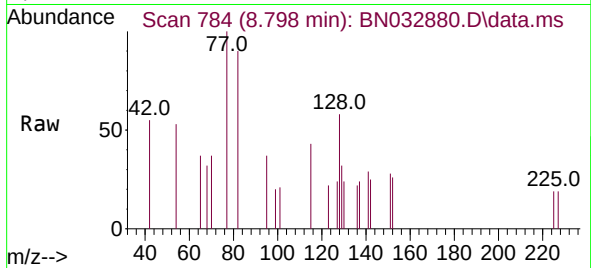
Tgt Ion: 136 Resp: 8423
Ion Ratio Lower Upper
136 100
137 13.7 9.9 14.9
54 10.2 6.5 9.7#
68 9.9 5.8 8.8#



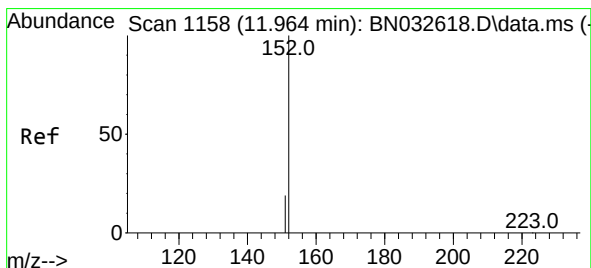
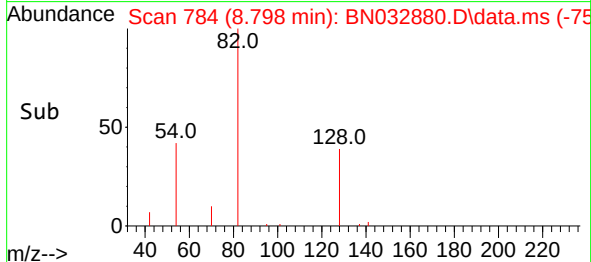
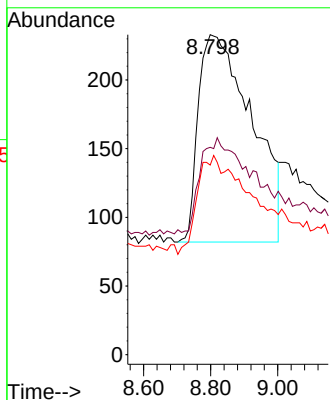


#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.798 min Scan# 71
Delta R.T. 0.064 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

Instrument :
BNA_N
ClientSampleId :

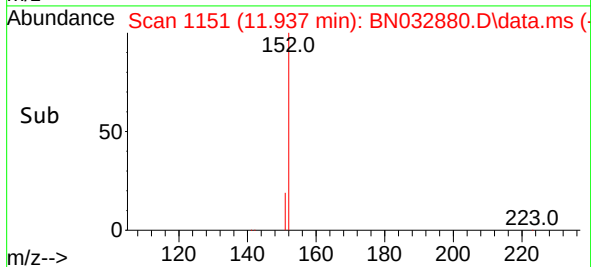
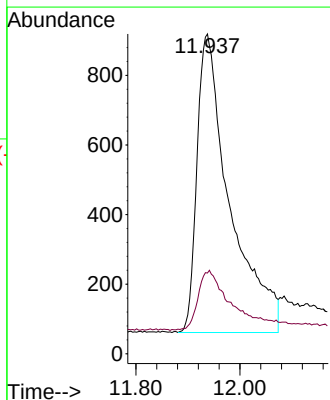
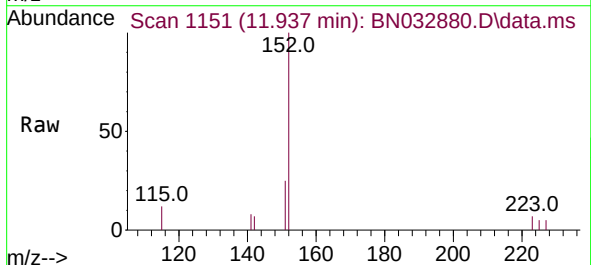


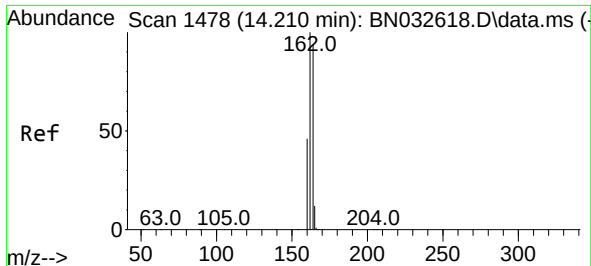
Tgt Ion: 82 Resp: 1670
Ion Ratio Lower Upper
82 100
128 64.8 41.7 62.5#
54 59.2 39.5 59.3



#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 11.937 min Scan# 1151
Delta R.T. 0.023 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

Tgt Ion:152 Resp: 3753
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.2

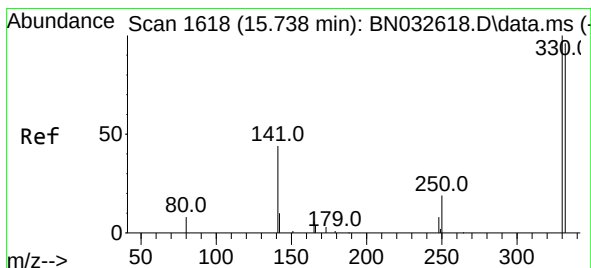
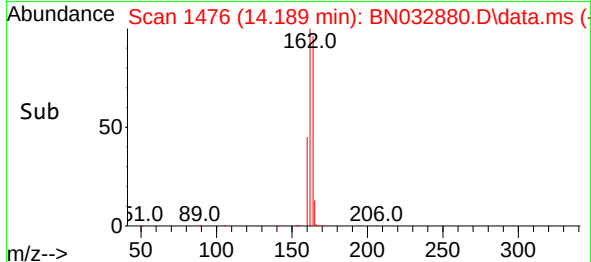
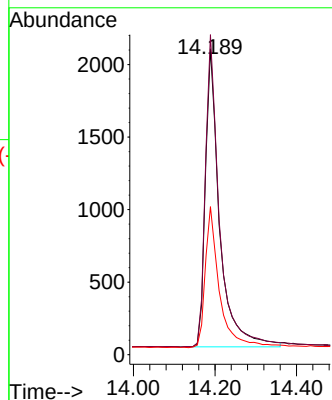
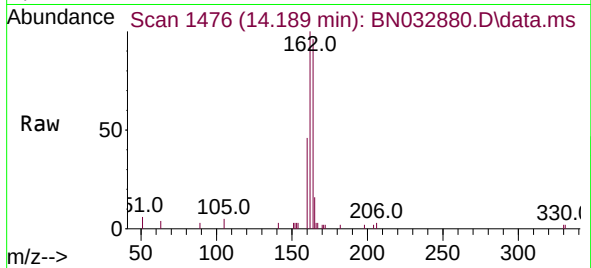




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. 0.011 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

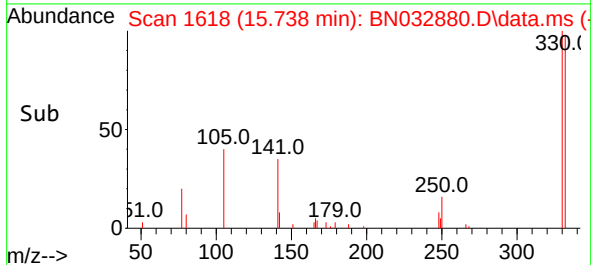
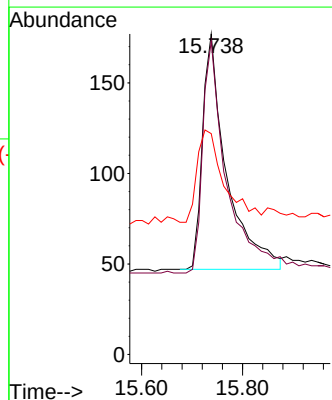
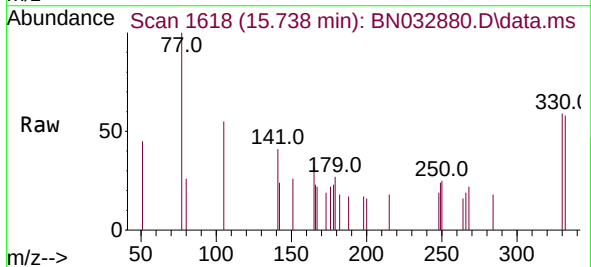
Instrument :
BNA_N
ClientSampleId :

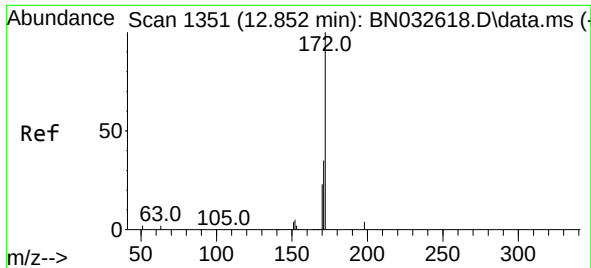
Tgt Ion:164 Resp: 5008
Ion Ratio Lower Upper
164 100
162 104.6 85.0 127.4
160 48.4 39.4 59.2



#14
2,4,6-Tribromophenol
Concen: 0.201 ng
RT: 15.738 min Scan# 1618
Delta R.T. 0.013 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

Tgt Ion:330 Resp: 431
Ion Ratio Lower Upper
330 100
332 99.3 77.8 116.8
141 44.5 34.2 51.2

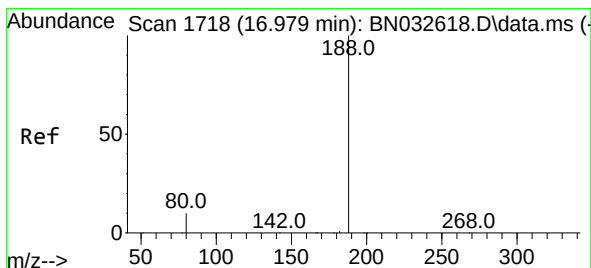
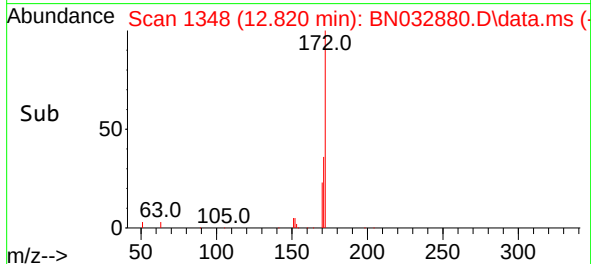
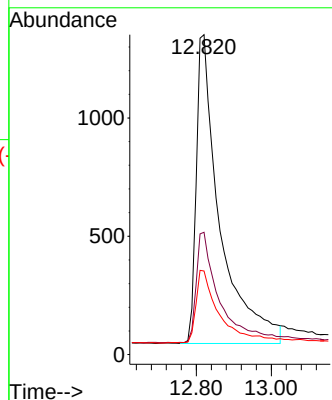
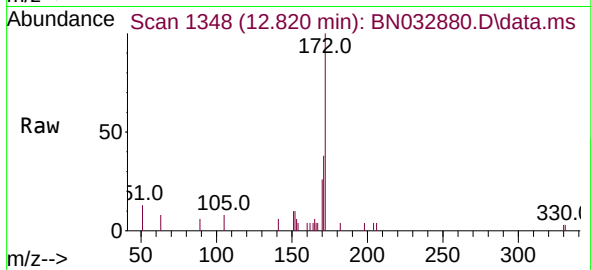




#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 12.820 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

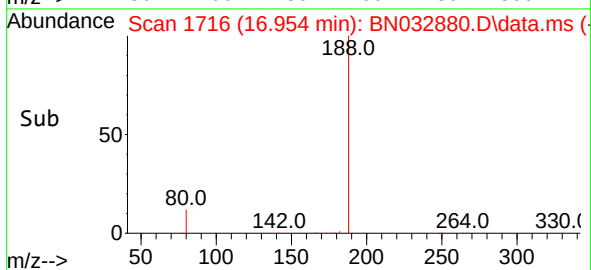
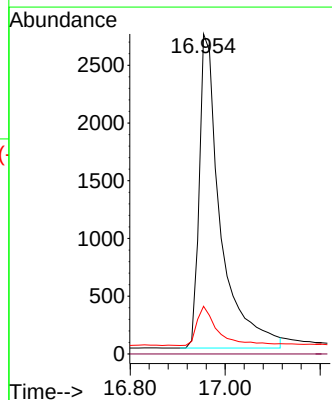
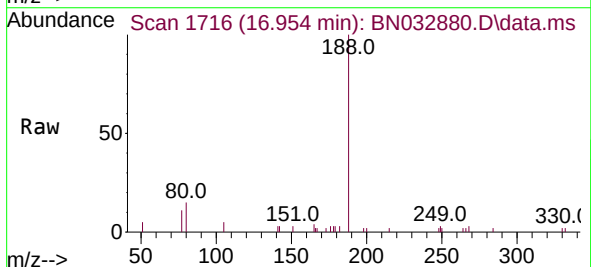
Instrument :
BNA_N
ClientSampleId :

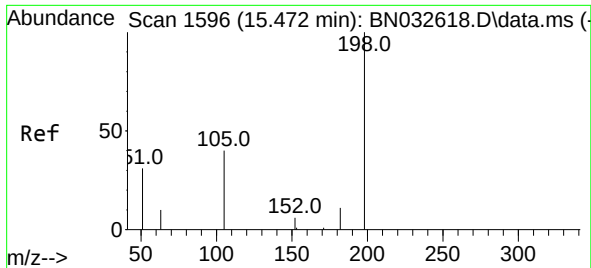
Tgt Ion:172 Resp: 5692
Ion Ratio Lower Upper
172 100
171 38.2 28.6 43.0
170 26.1 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.954 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

Tgt Ion:188 Resp: 8449
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 8.8 13.2#

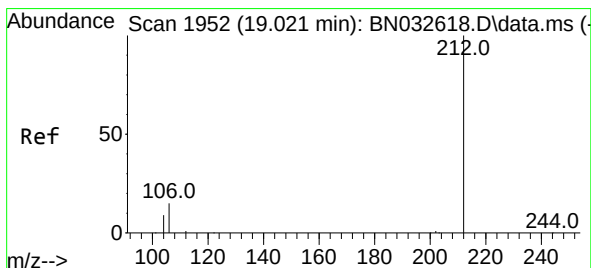
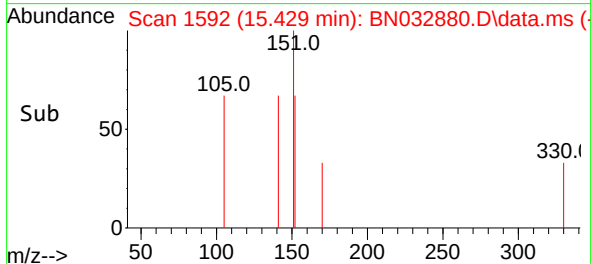
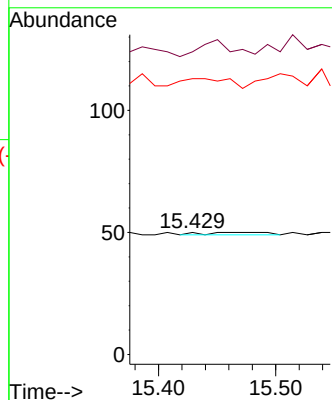
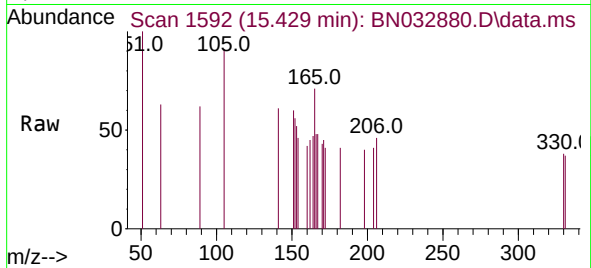




#20
4,6-Dinitro-2-methylphenol
Concen: 0.295 ng
RT: 15.429 min Scan# 1
Delta R.T. -0.043 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

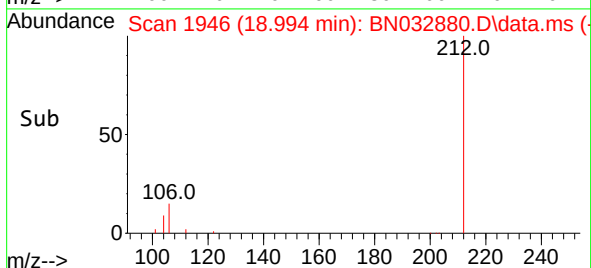
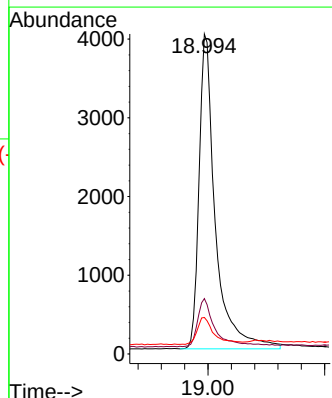
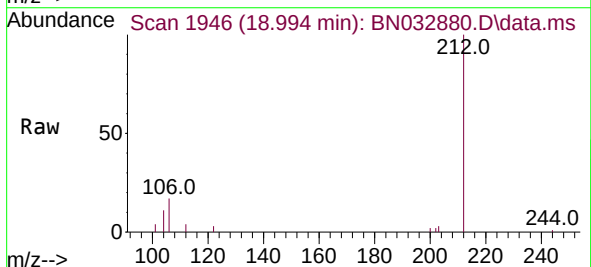
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ClientSampleId :

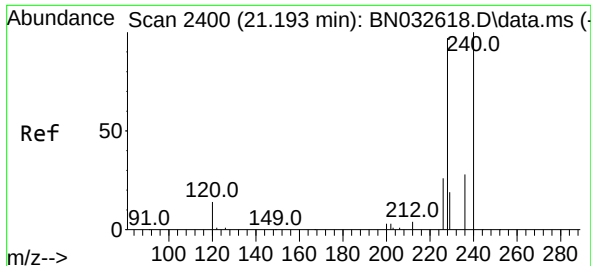
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 248.0 105.7 158.5#
105 226.0 63.0 94.6#



#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 18.994 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

Tgt Ion:212 Resp: 7767
Ion Ratio Lower Upper
212 100
106 16.9 11.9 17.9
104 8.8 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.166 min Scan# 21

Delta R.T. 0.000 min

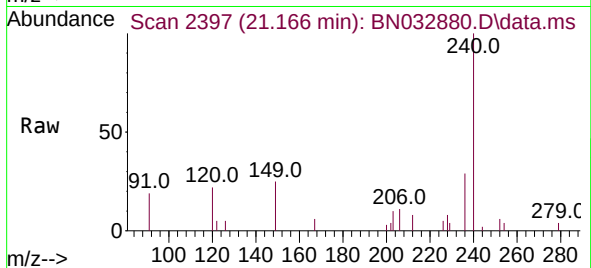
Lab File: BN032880.D

Acq: 20 Jul 2024 17:11

Instrument :

BNA_N

ClientSampleId :



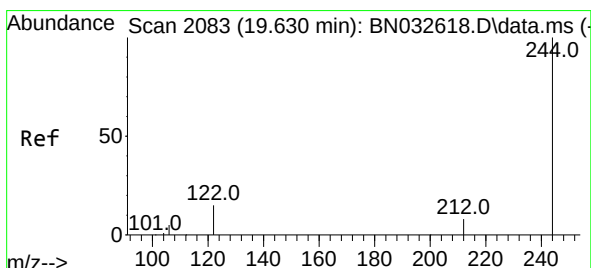
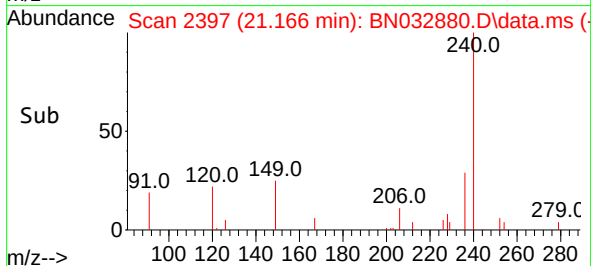
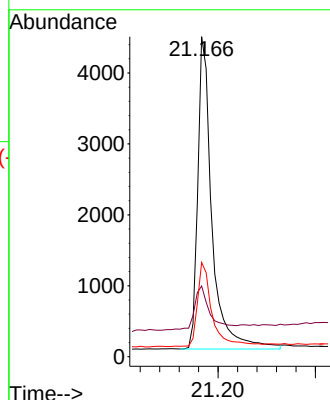
Tgt Ion:240 Resp: 8921

Ion Ratio Lower Upper

240 100

120 22.1 14.8 22.2

236 29.5 23.3 34.9



#31

Terphenyl-d14

Concen: 0.351 ng

RT: 19.593 min Scan# 2075

Delta R.T. 0.000 min

Lab File: BN032880.D

Acq: 20 Jul 2024 17:11

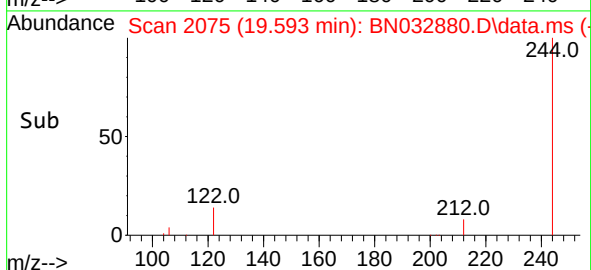
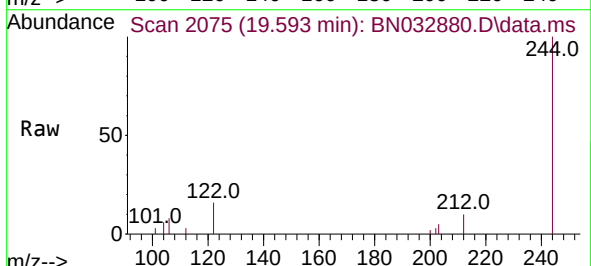
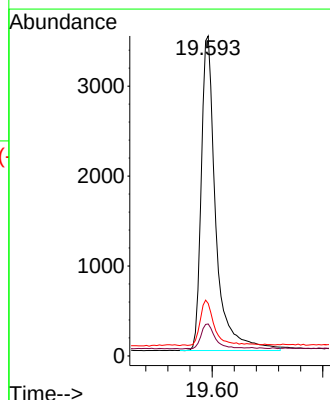
Tgt Ion:244 Resp: 6422

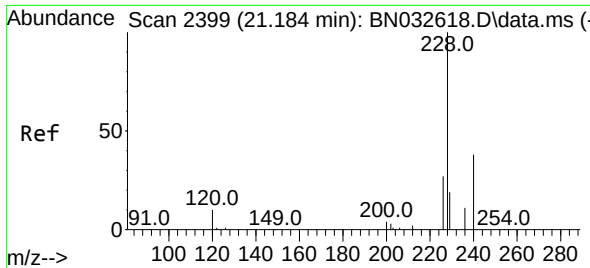
Ion Ratio Lower Upper

244 100

212 10.0 7.5 11.3

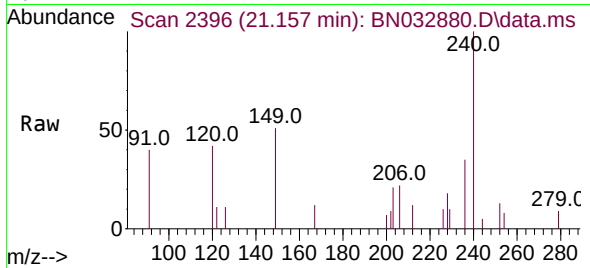
122 16.4 12.6 19.0



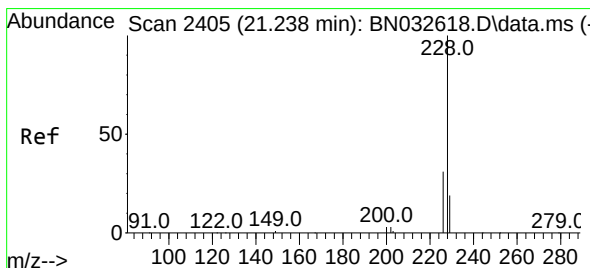
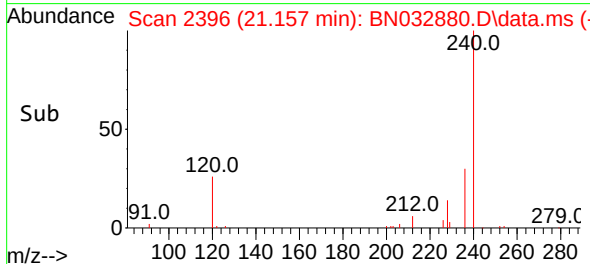
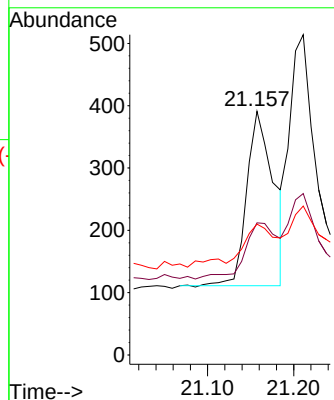


#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.157 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

Instrument :
BNA_N
ClientSampleId :

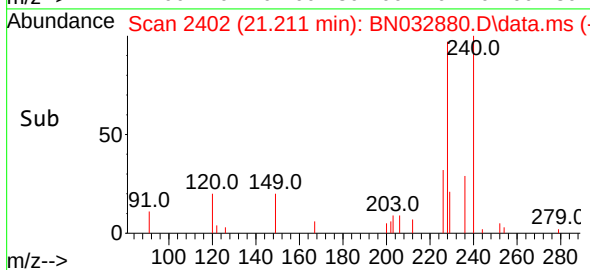
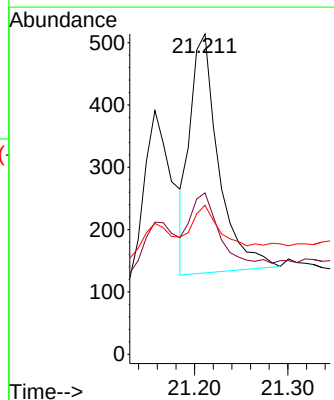
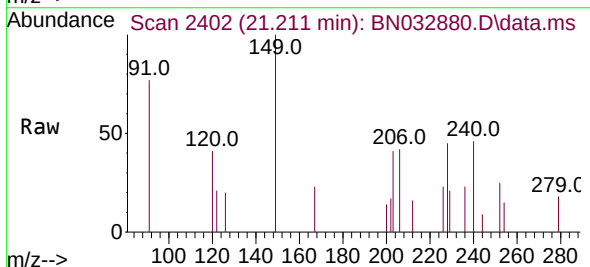


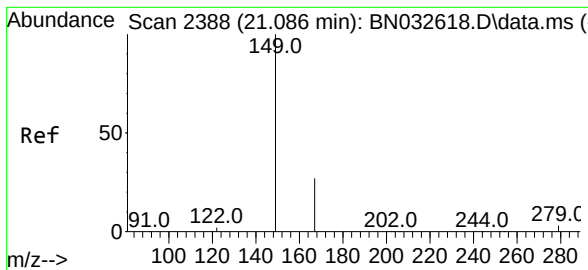
Tgt Ion:228 Resp: 606
Ion Ratio Lower Upper
228 100
226 54.2 21.8 32.6#
229 53.7 16.0 24.0#



#33
Chrysene
Concen: 0.024 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.009 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

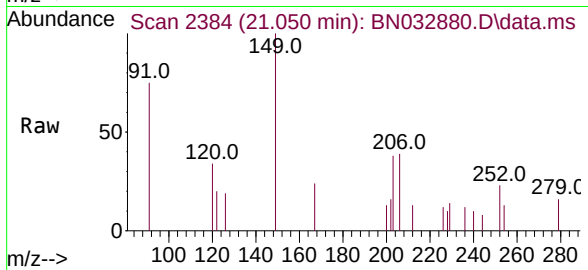
Tgt Ion:228 Resp: 816
Ion Ratio Lower Upper
228 100
226 50.4 24.2 36.2#
229 46.5 16.0 24.0#



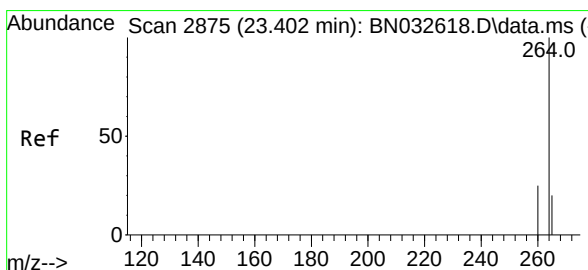
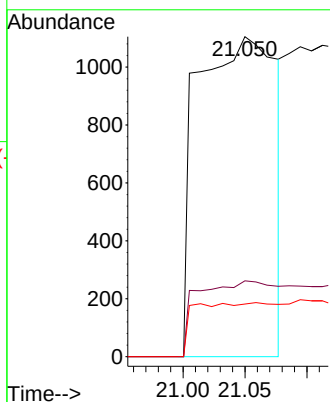
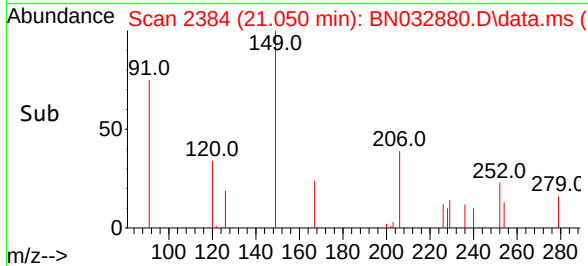


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.287 ng
 RT: 21.050 min Scan# 21050
 Delta R.T. 0.000 min
 Lab File: BN032880.D
 Acq: 20 Jul 2024 17:11

Instrument :
 BNA_N
 ClientSampleId :

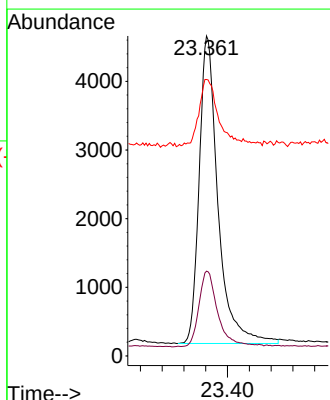
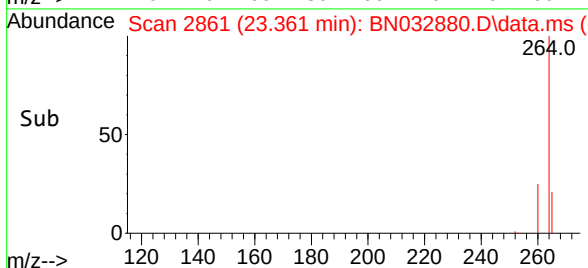
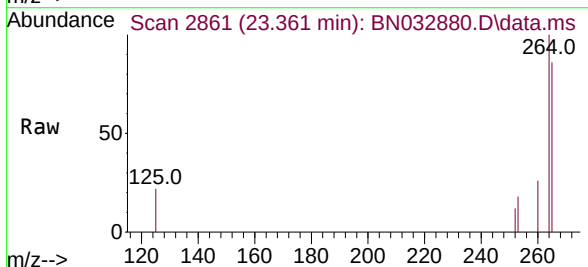


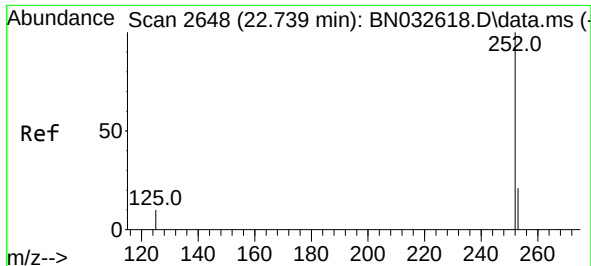
Tgt Ion:149 Resp: 4480
 Ion Ratio Lower Upper
 149 100
 167 32.3 21.4 32.2#
 279 0.0 2.8 4.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.361 min Scan# 2861
 Delta R.T. 0.003 min
 Lab File: BN032880.D
 Acq: 20 Jul 2024 17:11

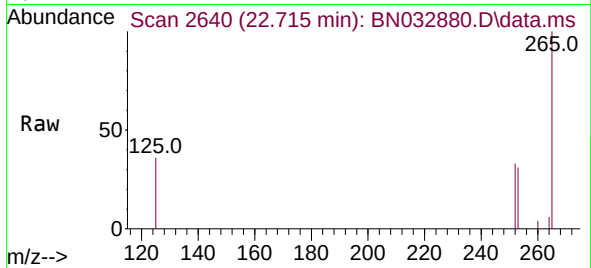
Tgt Ion:264 Resp: 10758
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.9 31.3
 265 86.4 85.4 128.2



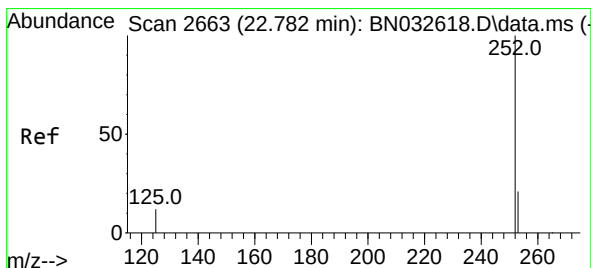
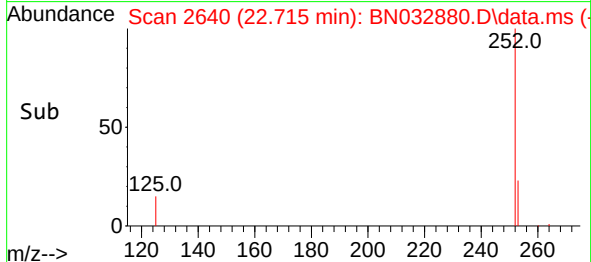
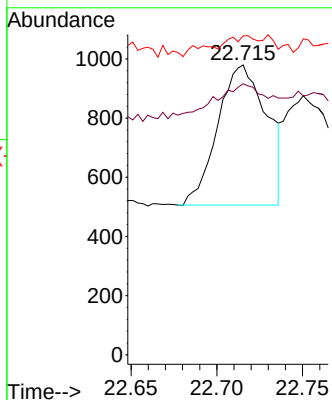


#37
Benzo(b)fluoranthene
Concen: 0.025 ng
RT: 22.715 min Scan# 2640
Delta R.T. 0.015 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:252 Resp: 942
Ion Ratio Lower Upper
252 100
253 93.5 22.3 33.5#
125 110.0 15.4 23.2#



#38
Benzo(k)fluoranthene
Concen: 0.022 ng
RT: 22.715 min Scan# 2640
Delta R.T. -0.029 min
Lab File: BN032880.D
Acq: 20 Jul 2024 17:11

Tgt Ion:252 Resp: 942
Ion Ratio Lower Upper
252 100
253 93.5 22.6 34.0#
125 110.0 16.2 24.4#

