

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
 Data File : BN032876.D
 Acq On : 20 Jul 2024 14:46
 Operator : MA/JU
 Sample : PB162139BL
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 00:42:33 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)

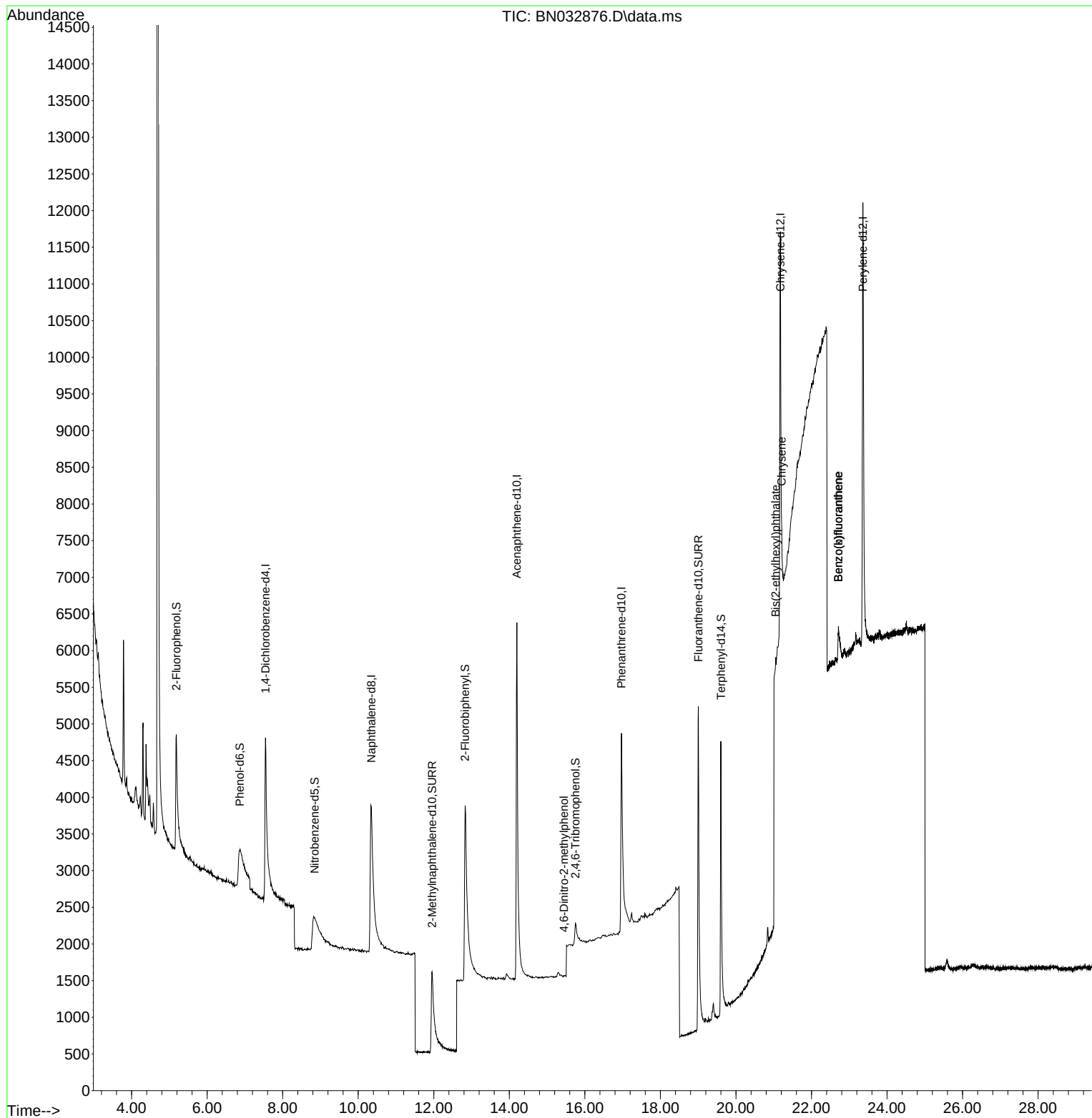
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	2751	0.400	ng	0.01
7) Naphthalene-d8	10.346	136	9067	0.400	ng	# 0.04
13) Acenaphthene-d10	14.199	164	5319	0.400	ng	0.02
19) Phenanthrene-d10	16.967	188	8023	0.400	ng	# 0.01
29) Chrysene-d12	21.175	240	8236	0.400	ng	0.00
35) Perylene-d12	23.361	264	10172	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3336	0.479	ng	0.00
5) Phenol-d6	6.866	99	2785	0.322	ng	0.09
8) Nitrobenzene-d5	8.841	82	2267	0.332	ng	0.11
11) 2-Methylnaphthalene-d10	11.952	152	4839	0.349	ng	0.04
14) 2,4,6-Tribromophenol	15.750	330	340	0.150	ng	0.02
15) 2-Fluorobiphenyl	12.831	172	6956	0.351	ng	0.02
27) Fluoranthene-d10	19.003	212	8060	0.388	ng	0.00
31) Terphenyl-d14	19.602	244	6340	0.376	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.450	198	1	0.294	ng	# 1
33) Chrysene	21.211	228	658	0.021	ng	# 31
34) Bis(2-ethylhexyl)phtha...	21.050	149	4038	0.280	ng	# 95
37) Benzo(b)fluoranthene	22.712	252	1061	0.030	ng	# 1
38) Benzo(k)fluoranthene	22.712	252	1061	0.026	ng	# 1

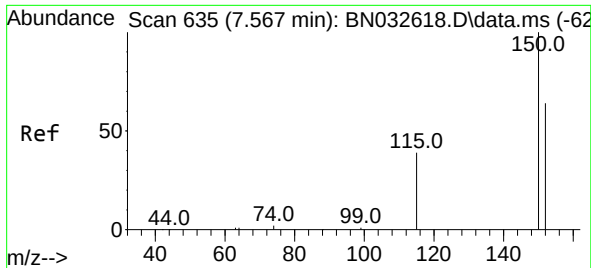
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
Data File : BN032876.D
Acq On : 20 Jul 2024 14:46
Operator : MA/JU
Sample : PB162139BL
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

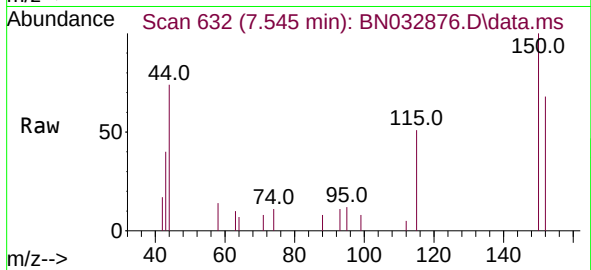
Quant Time: Jul 22 00:42:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration





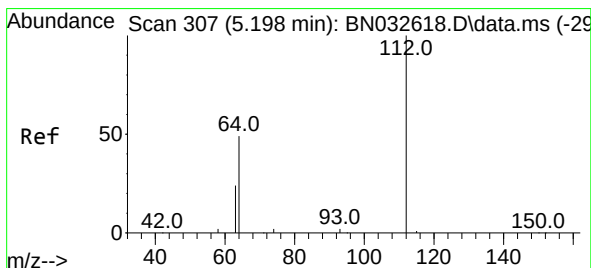
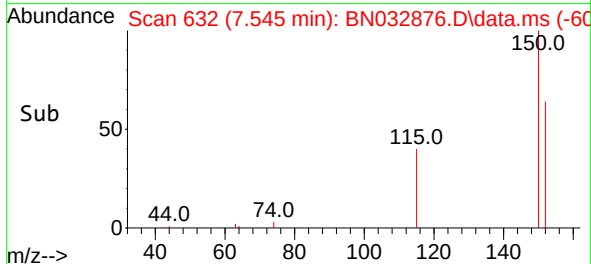
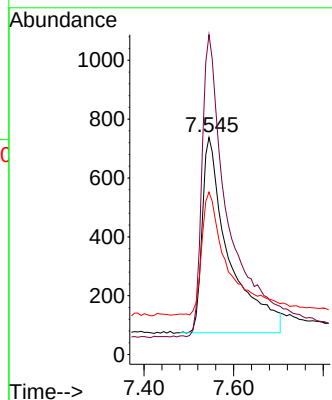
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.545 min Scan# 61
 Delta R.T. 0.014 min
 Lab File: BN032876.D
 Acq: 20 Jul 2024 14:46

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:152 Resp: 2751

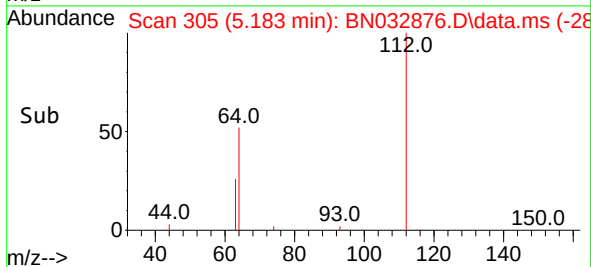
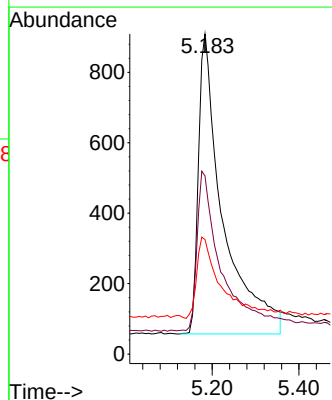
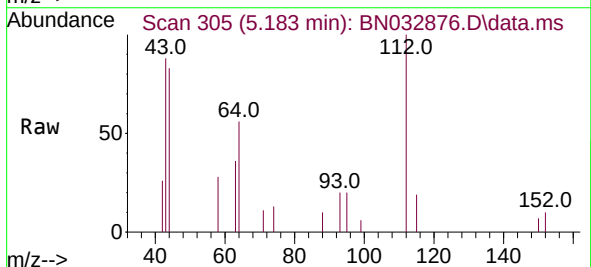
Ion	Ratio	Lower	Upper
152	100		
150	147.3	123.8	185.6
115	74.8	52.8	79.2

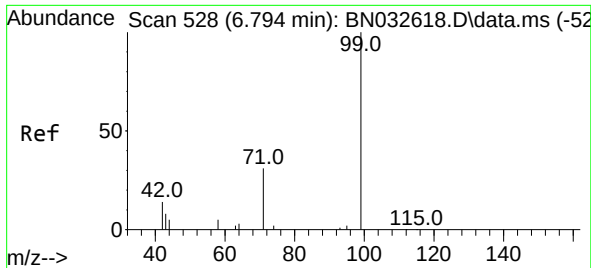


#4
 2-Fluorophenol
 Concen: 0.479 ng
 RT: 5.183 min Scan# 305
 Delta R.T. 0.007 min
 Lab File: BN032876.D
 Acq: 20 Jul 2024 14:46

Tgt Ion:112 Resp: 3336

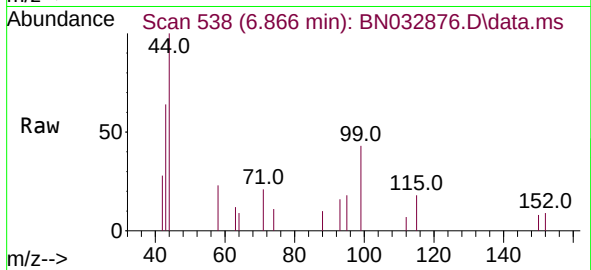
Ion	Ratio	Lower	Upper
112	100		
64	53.5	40.2	60.4
63	28.0	22.2	33.4



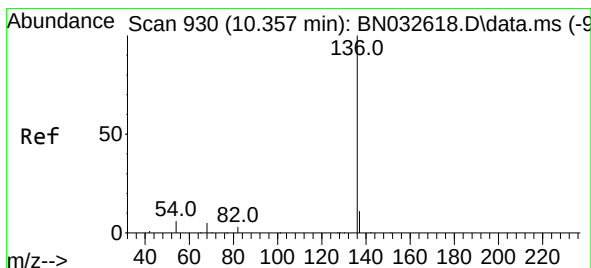
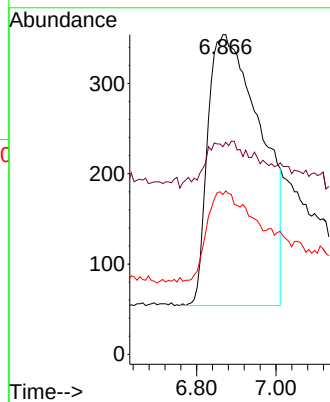
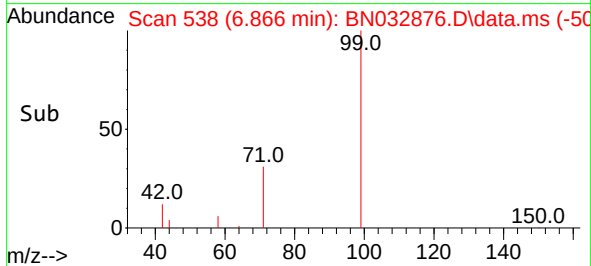


#5
Phenol-d6
Concen: 0.322 ng
RT: 6.866 min Scan# 511
Delta R.T. 0.087 min
Lab File: BN032876.D
Acq: 20 Jul 2024 14:46

Instrument :
BNA_N
ClientSampleId :

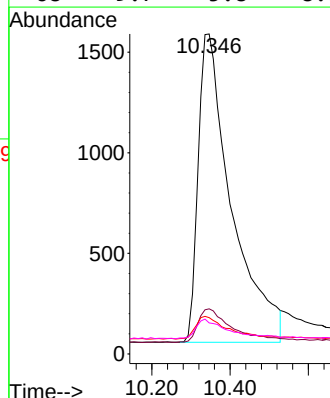
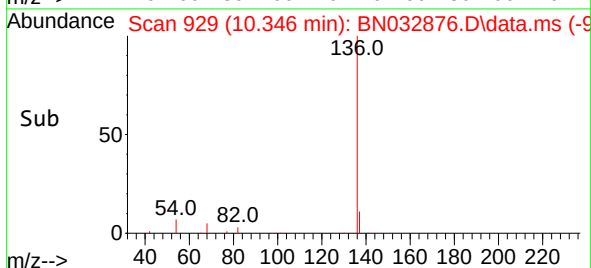
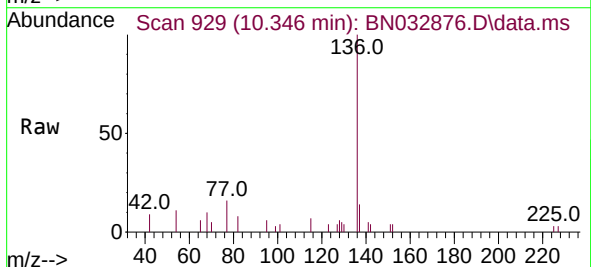


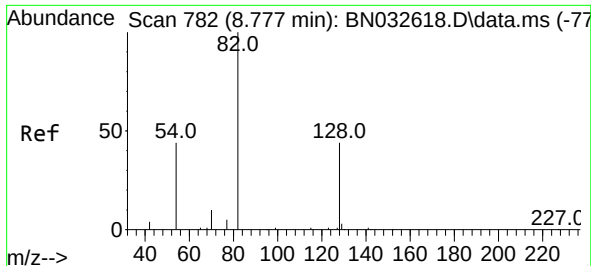
Tgt Ion: 99 Resp: 2785
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 10.3 22.3 33.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.346 min Scan# 929
Delta R.T. 0.043 min
Lab File: BN032876.D
Acq: 20 Jul 2024 14:46

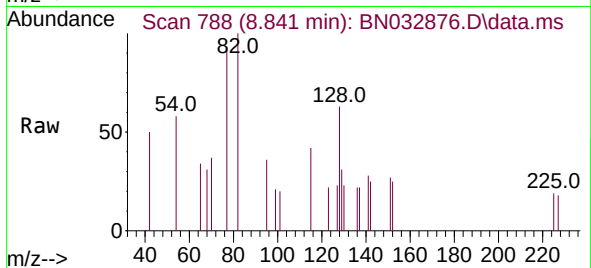
Tgt Ion: 136 Resp: 9067
Ion Ratio Lower Upper
136 100
137 14.1 9.9 14.9
54 11.3 6.5 9.7#
68 9.7 5.8 8.8#



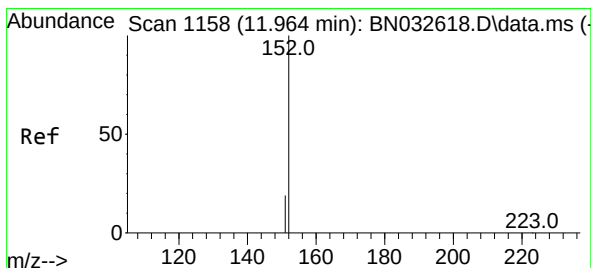
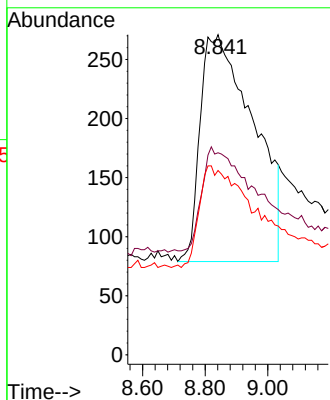
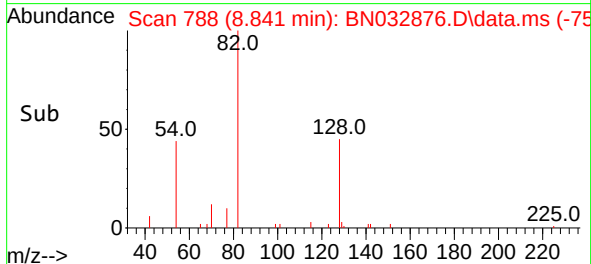


#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.841 min Scan# 71
Delta R.T. 0.107 min
Lab File: BN032876.D
Acq: 20 Jul 2024 14:46

Instrument :
BNA_N
ClientSampleId :

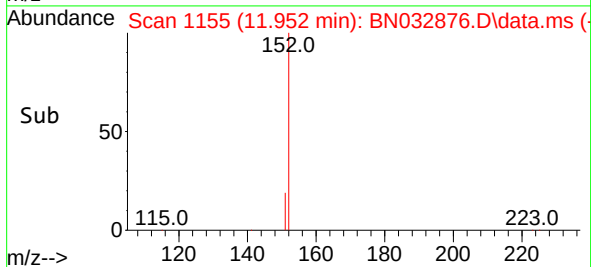
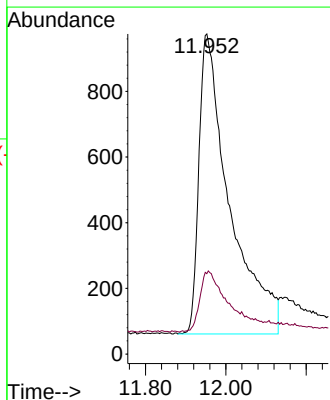
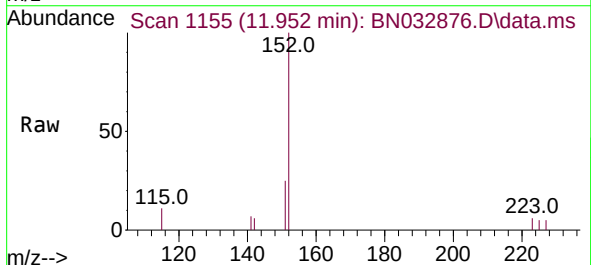


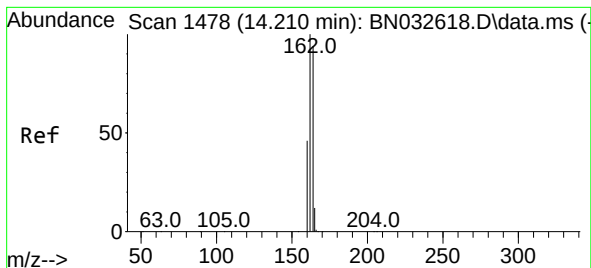
Tgt Ion: 82 Resp: 2267
Ion Ratio Lower Upper
82 100
128 63.1 41.7 62.5#
54 57.6 39.5 59.3



#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 11.952 min Scan# 1155
Delta R.T. 0.038 min
Lab File: BN032876.D
Acq: 20 Jul 2024 14:46

Tgt Ion: 152 Resp: 4839
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.199 min Scan# 1477

Delta R.T. 0.021 min

Lab File: BN032876.D

Acq: 20 Jul 2024 14:46

Instrument :

BNA_N

ClientSampleId :

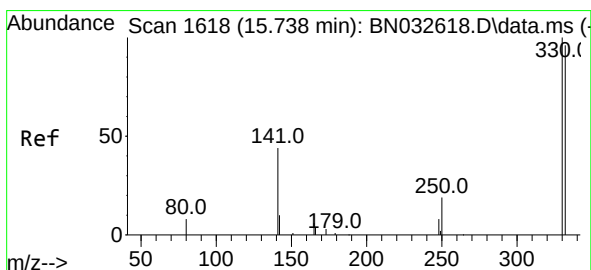
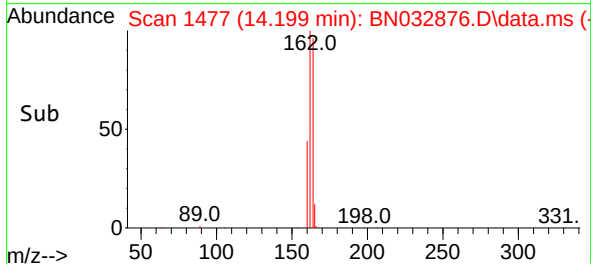
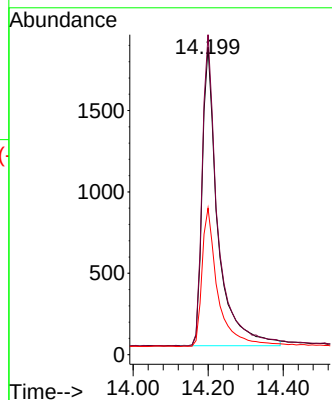
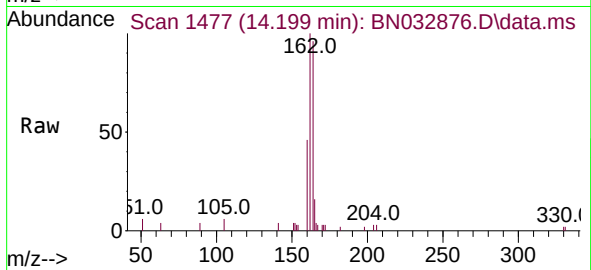
Tgt Ion:164 Resp: 5319

Ion Ratio Lower Upper

164 100

162 104.1 85.0 127.4

160 47.6 39.4 59.2



#14

2,4,6-Tribromophenol

Concen: 0.150 ng

RT: 15.750 min Scan# 1619

Delta R.T. 0.025 min

Lab File: BN032876.D

Acq: 20 Jul 2024 14:46

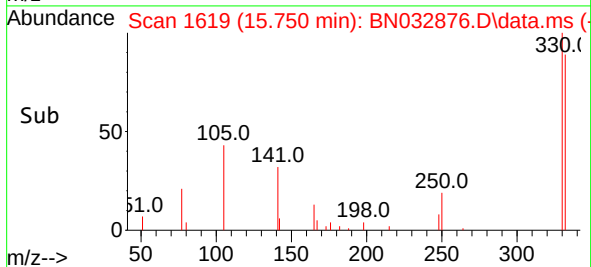
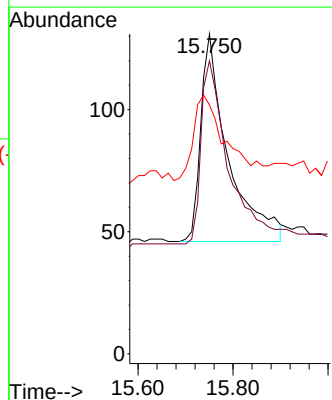
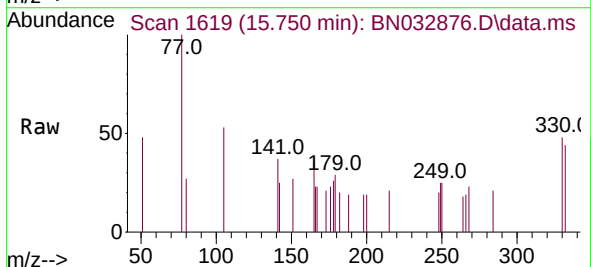
Tgt Ion:330 Resp: 340

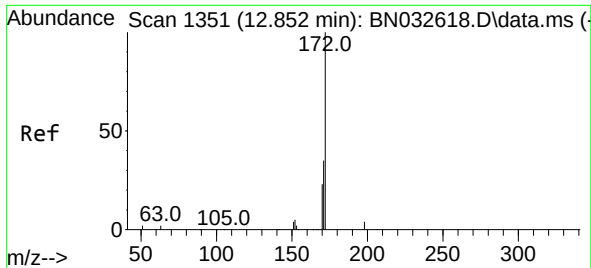
Ion Ratio Lower Upper

330 100

332 88.8 77.8 116.8

141 50.9 34.2 51.2

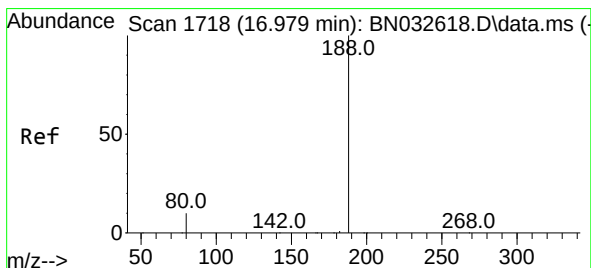
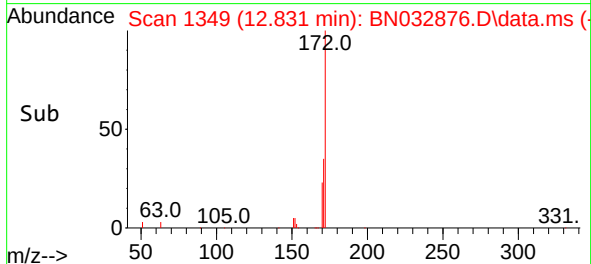
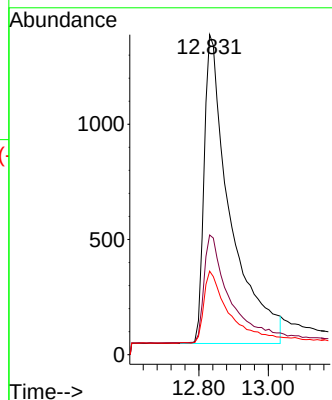
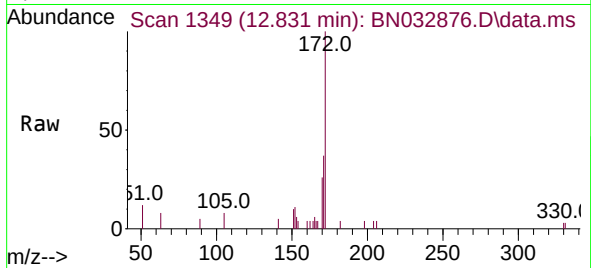




#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.831 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN032876.D
Acq: 20 Jul 2024 14:46

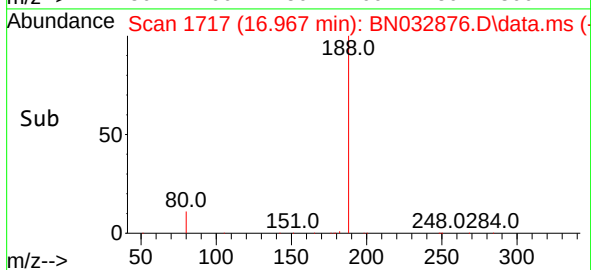
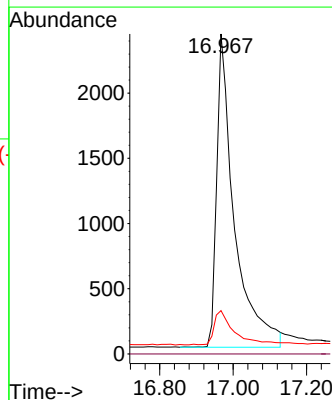
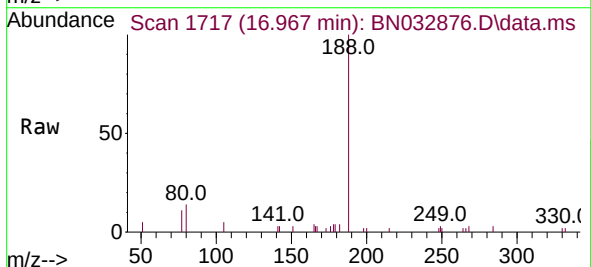
Instrument :
BNA_N
ClientSampleId :

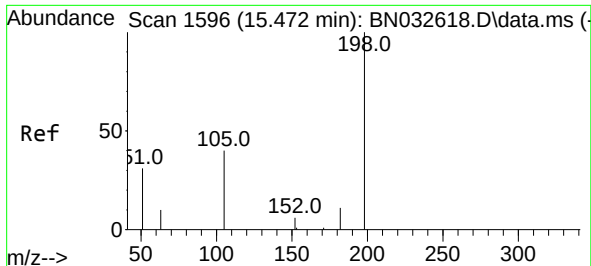
Tgt Ion:172 Resp: 6956
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 26.1 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.967 min Scan# 1717
Delta R.T. 0.012 min
Lab File: BN032876.D
Acq: 20 Jul 2024 14:46

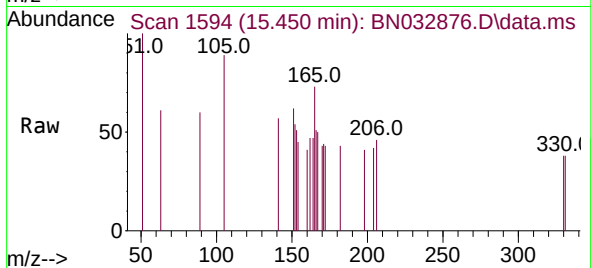
Tgt Ion:188 Resp: 8023
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 8.8 13.2#



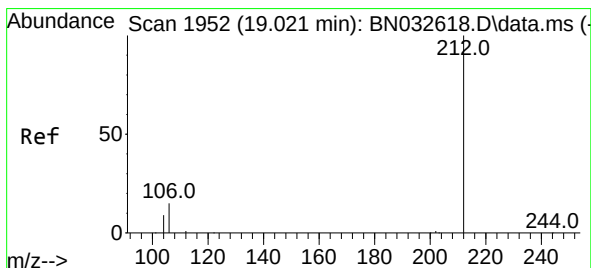
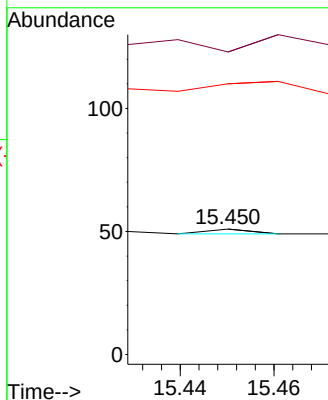
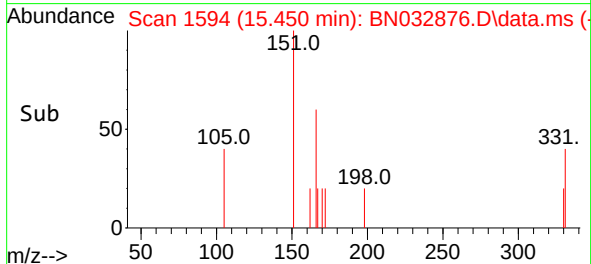


#20
4,6-Dinitro-2-methylphenol
Concen: 0.294 ng
RT: 15.450 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN032876.D
Acq: 20 Jul 2024 14:46

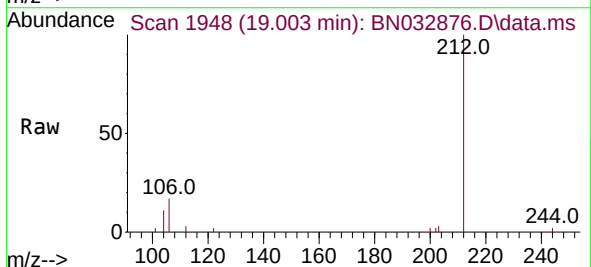
Instrument :
BNA_N
ClientSampleId :



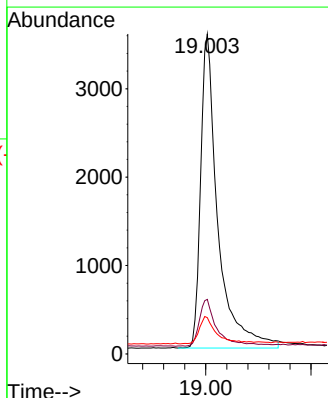
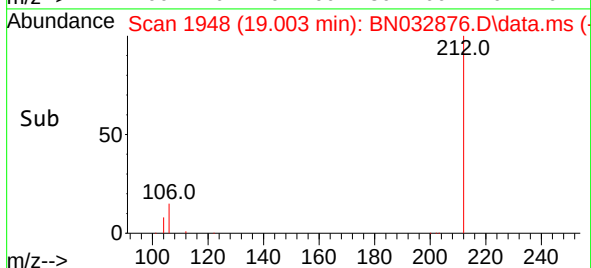
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 241.2 105.7 158.5#
105 215.7 63.0 94.6#

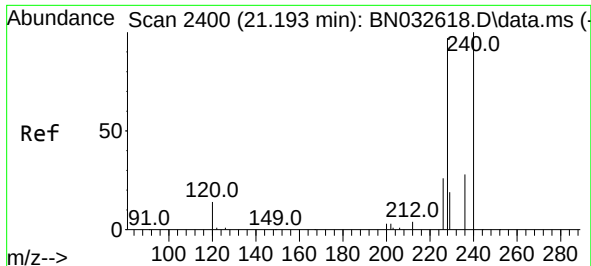


#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.003 min Scan# 1948
Delta R.T. 0.009 min
Lab File: BN032876.D
Acq: 20 Jul 2024 14:46



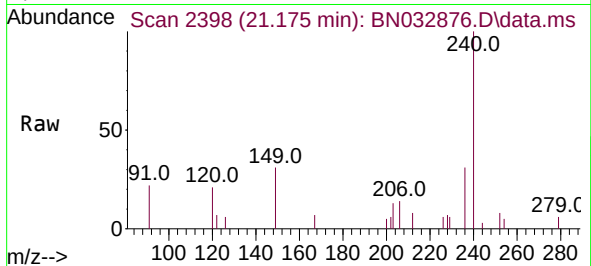
Tgt Ion:212 Resp: 8060
Ion Ratio Lower Upper
212 100
106 15.5 11.9 17.9
104 8.7 6.9 10.3



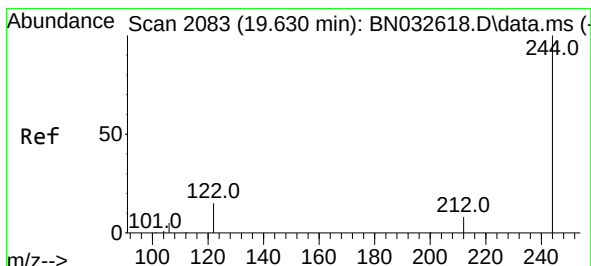
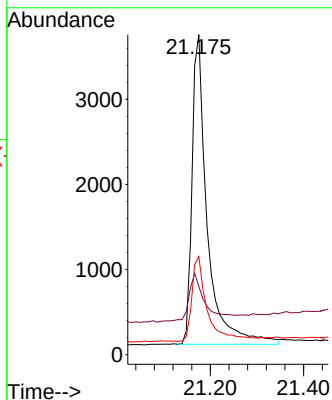
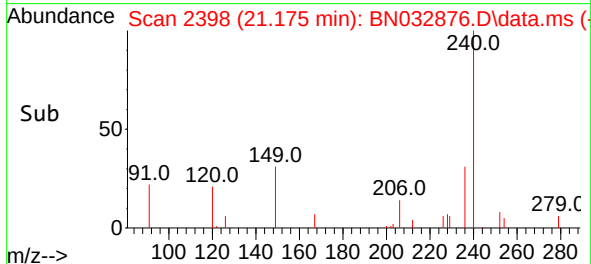


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.175 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN032876.D
Acq: 20 Jul 2024 14:46

Instrument :
BNA_N
ClientSampleId :

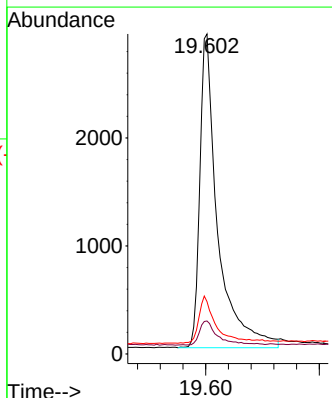
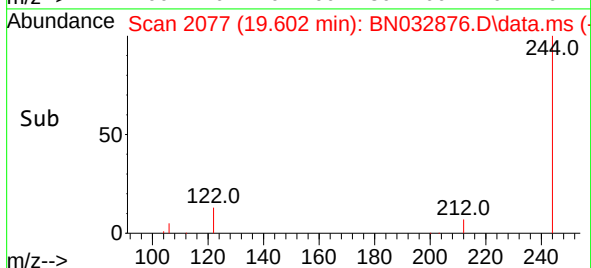
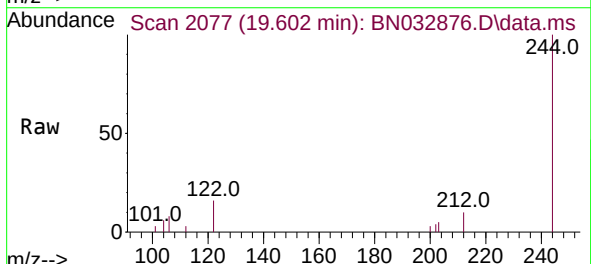


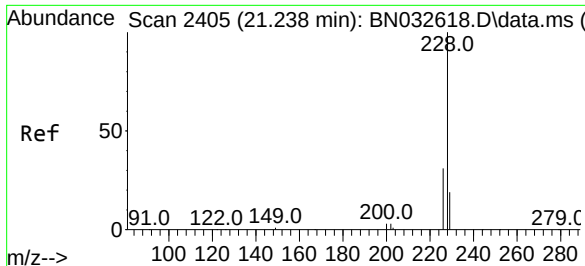
Tgt Ion:240 Resp: 8236
Ion Ratio Lower Upper
240 100
120 21.3 14.8 22.2
236 30.6 23.3 34.9



#31
Terphenyl-d14
Concen: 0.376 ng
RT: 19.602 min Scan# 2077
Delta R.T. 0.009 min
Lab File: BN032876.D
Acq: 20 Jul 2024 14:46

Tgt Ion:244 Resp: 6340
Ion Ratio Lower Upper
244 100
212 10.3 7.5 11.3
122 16.4 12.6 19.0





#33

Chrysene

Concen: 0.021 ng

RT: 21.211 min Scan# 2402

Delta R.T. 0.009 min

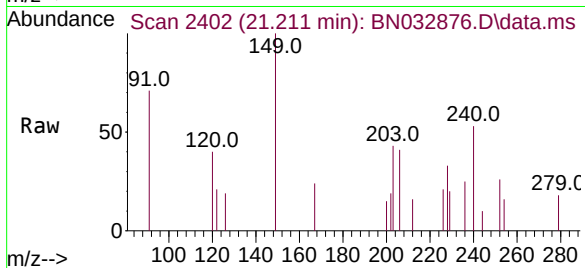
Lab File: BN032876.D

Acq: 20 Jul 2024 14:46

Instrument :

BNA_N

ClientSampleId :



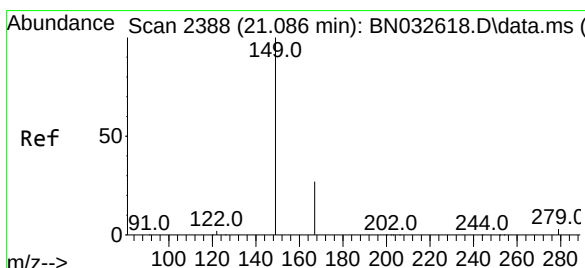
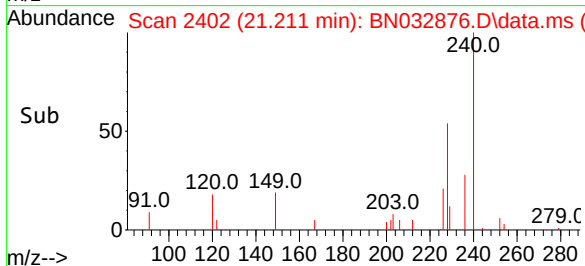
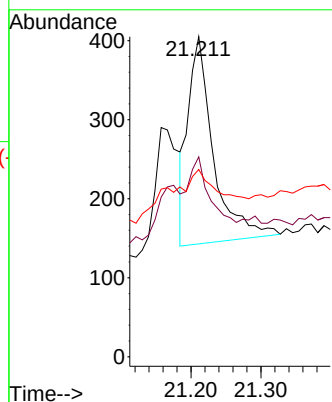
Tgt Ion:228 Resp: 658

Ion Ratio Lower Upper

228 100

226 62.5 24.2 36.2#

229 58.5 16.0 24.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.280 ng

RT: 21.050 min Scan# 2384

Delta R.T. 0.000 min

Lab File: BN032876.D

Acq: 20 Jul 2024 14:46

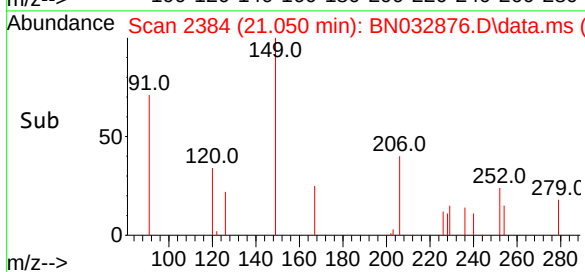
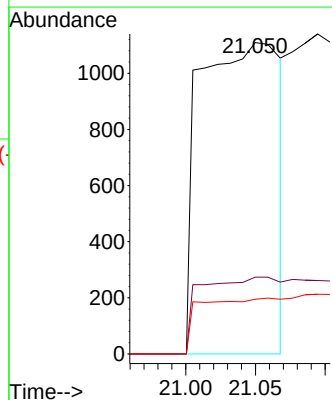
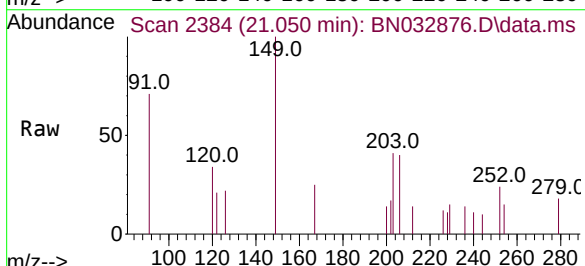
Tgt Ion:149 Resp: 4038

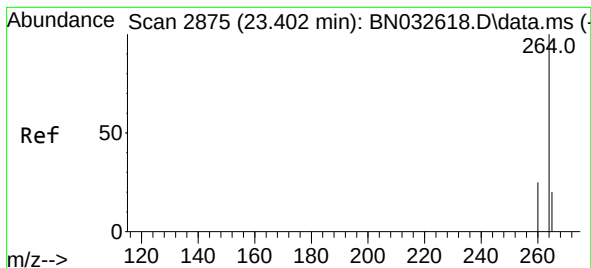
Ion Ratio Lower Upper

149 100

167 24.4 21.4 32.2

279 0.0 2.8 4.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.361 min Scan# 21

Delta R.T. 0.003 min

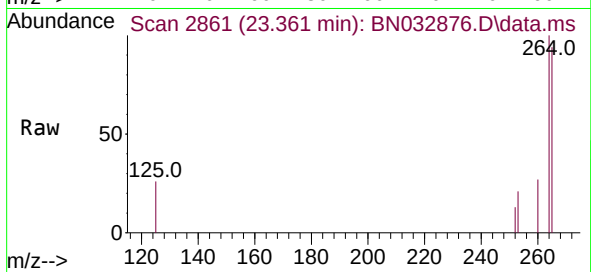
Lab File: BN032876.D

Acq: 20 Jul 2024 14:46

Instrument :

BNA_N

ClientSampleId :



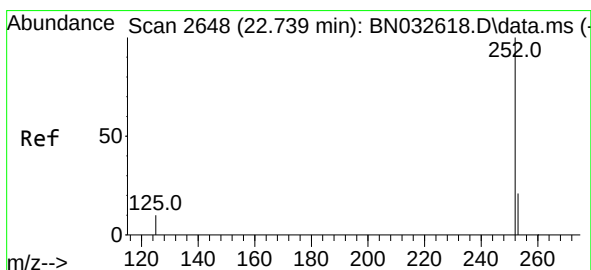
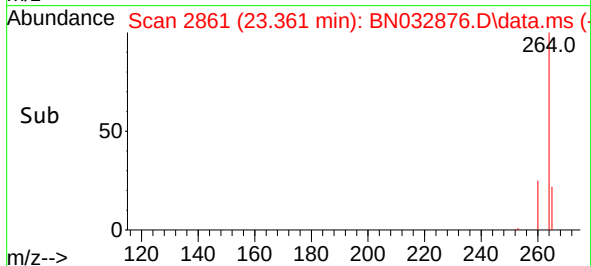
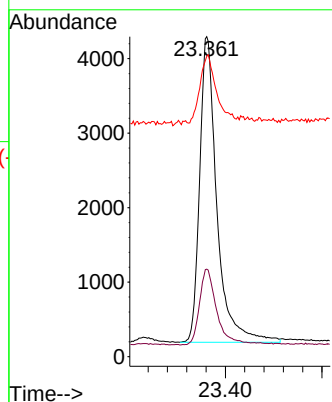
Tgt Ion:264 Resp: 10172

Ion Ratio Lower Upper

264 100

260 27.4 20.9 31.3

265 93.9 85.4 128.2



#37

Benzo(b)fluoranthene

Concen: 0.030 ng

RT: 22.712 min Scan# 2639

Delta R.T. 0.012 min

Lab File: BN032876.D

Acq: 20 Jul 2024 14:46

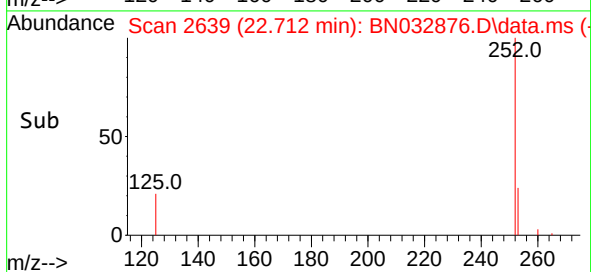
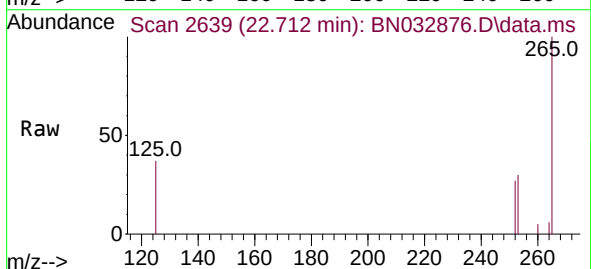
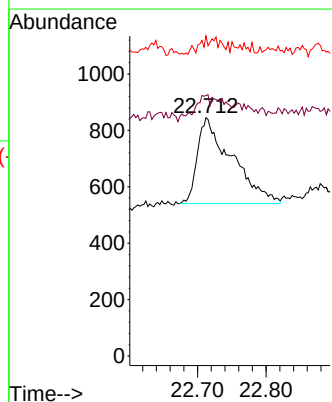
Tgt Ion:252 Resp: 1061

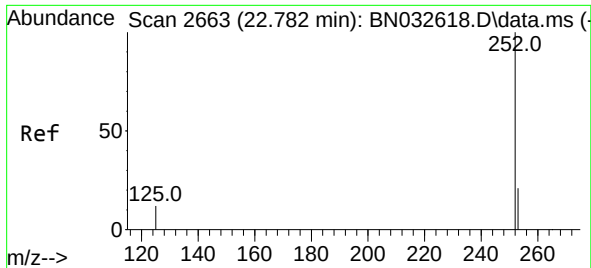
Ion Ratio Lower Upper

252 100

253 109.3 22.3 33.5#

125 134.3 15.4 23.2#





#38

Benzo(k)fluoranthene

Concen: 0.026 ng

RT: 22.712 min Scan# 20

Delta R.T. -0.032 min

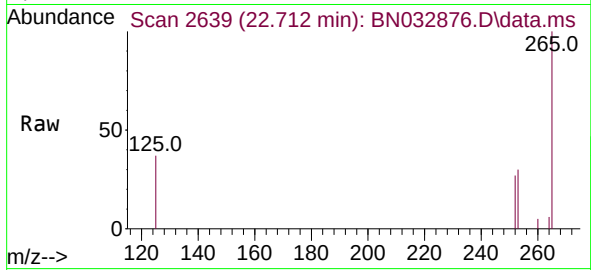
Lab File: BN032876.D

Acq: 20 Jul 2024 14:46

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:252 Resp: 1061

Ion Ratio Lower Upper

252 100

253 109.3 22.6 34.0#

125 134.3 16.2 24.4#

