

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
 Data File : BN035858.D
 Acq On : 26 Dec 2024 17:53
 Operator : RC/JU
 Sample : P5281-06DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20241213DL

Quant Time: Dec 27 00:42:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

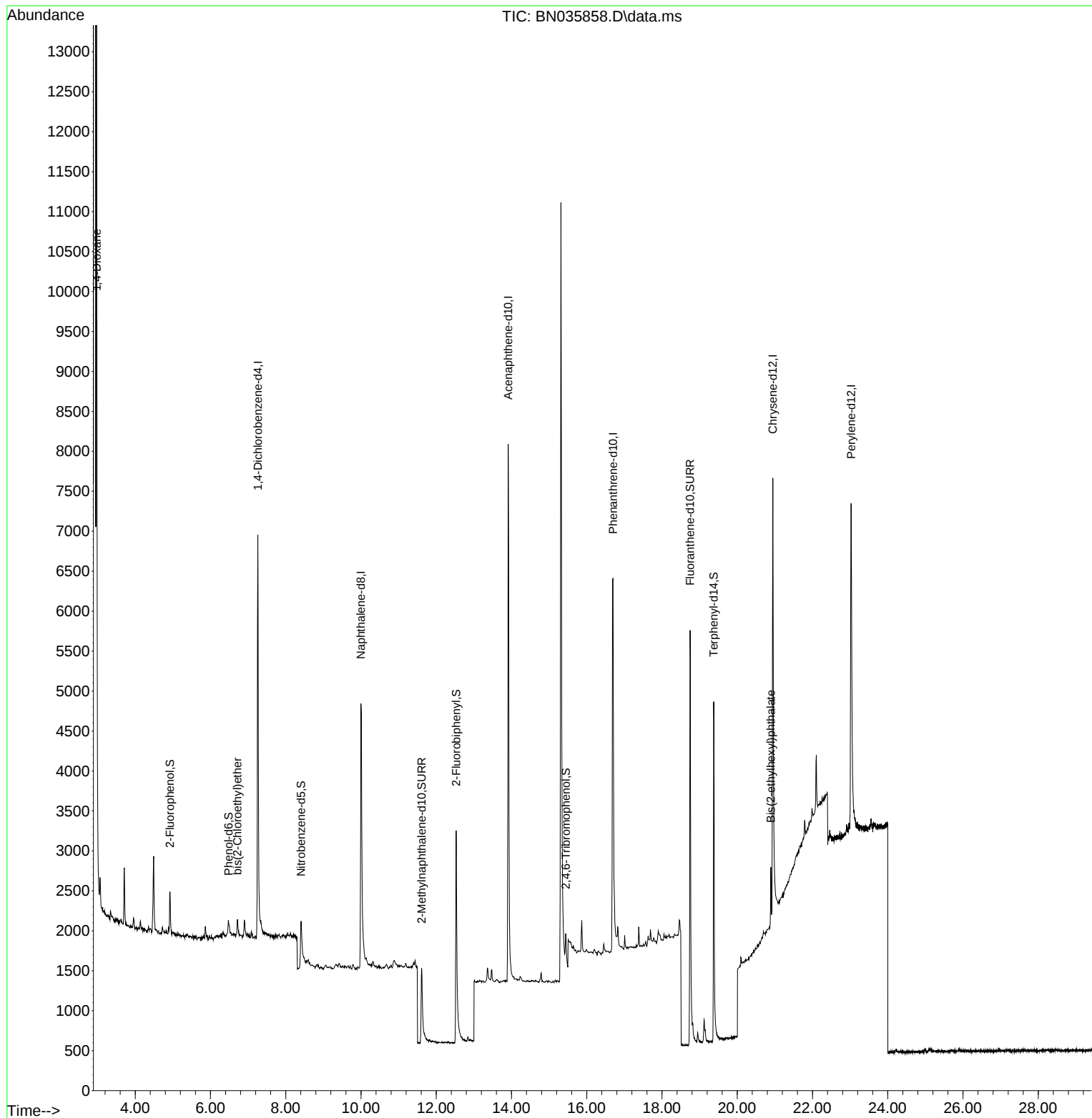
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	2930	0.400	ng	-0.01
7) Naphthalene-d8	9.999	136	6901	0.400	ng	-0.02
13) Acenaphthene-d10	13.914	164	4611	0.400	ng	-0.02
19) Phenanthrene-d10	16.698	188	10065	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7379	0.400	ng	# 0.00
35) Perylene-d12	23.026	264	6927	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	517	0.071	ng	-0.01
5) Phenol-d6	6.477	99	323	0.037	ng	-0.01
8) Nitrobenzene-d5	8.408	82	1305	0.310	ng	0.00
11) 2-Methylnaphthalene-d10	11.611	152	2321	0.215	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	446	0.136	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	3712	0.213	ng	-0.02
27) Fluoranthene-d10	18.747	212	7627	0.267	ng	-0.01
31) Terphenyl-d14	19.375	244	5442	0.374	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.974	88	9945	3.550	ng	99
6) bis(2-Chloroethyl)ether	6.716	93	235	0.032	ng	93
34) Bis(2-ethylhexyl)phtha...	20.893	149	826	0.081	ng	# 87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
Data File : BN035858.D
Acq On : 26 Dec 2024 17:53
Operator : RC/JU
Sample : P5281-06DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE115D1-20241213DL

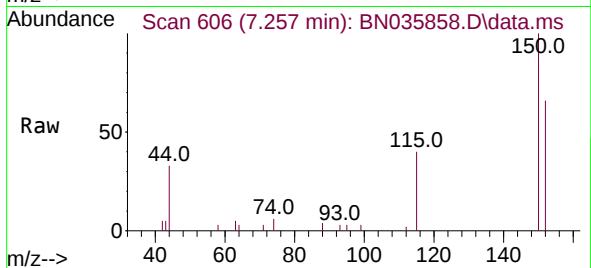
Quant Time: Dec 27 00:42:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





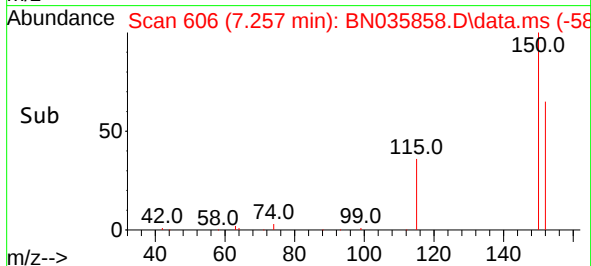
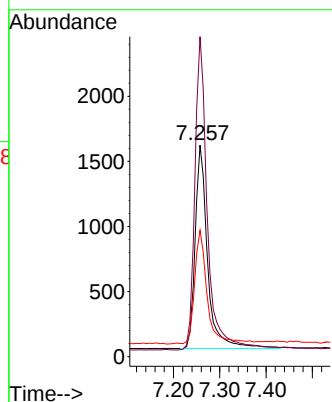
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.257 min Scan# 60
 Delta R.T. -0.015 min
 Lab File: BN035858.D
 Acq: 26 Dec 2024 17:53

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20241213DL



Tgt Ion:152 Resp: 2930

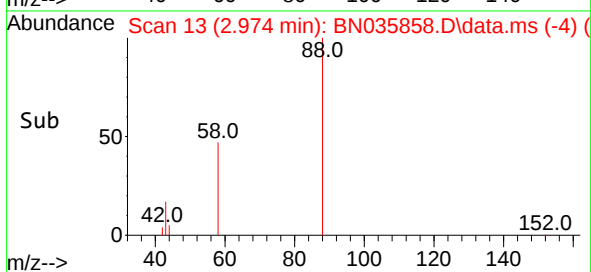
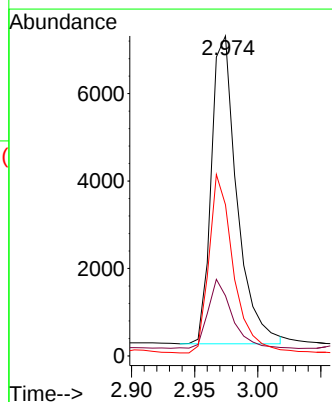
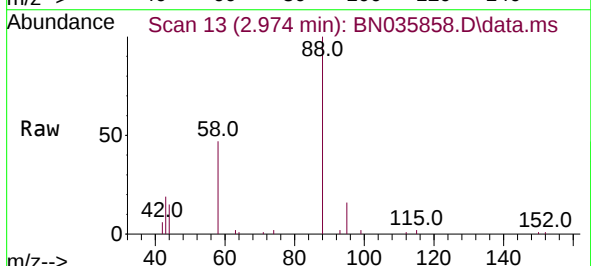
Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.0	186.0
115	59.8	49.6	74.4



#2
 1,4-Dioxane
 Concen: 3.550 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.008 min
 Lab File: BN035858.D
 Acq: 26 Dec 2024 17:53

Tgt Ion: 88 Resp: 9945

Ion	Ratio	Lower	Upper
88	100		
43	20.8	17.2	25.8
58	55.2	44.5	66.7

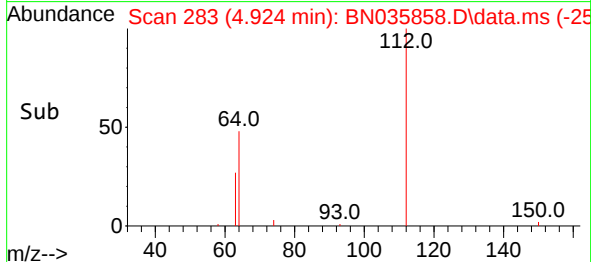
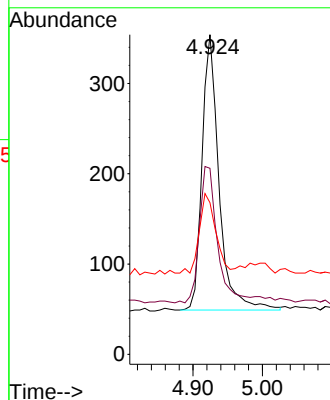
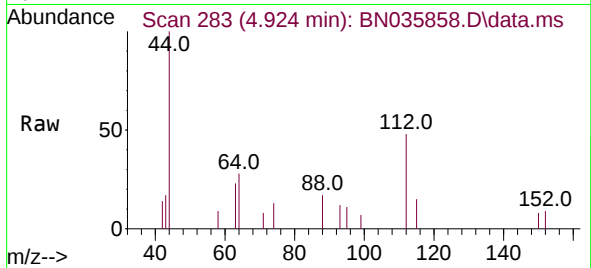




#4
2-Fluorophenol
Concen: 0.071 ng
RT: 4.924 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

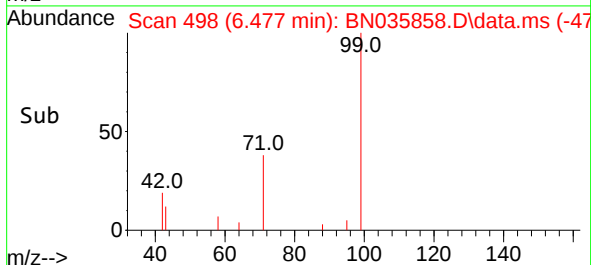
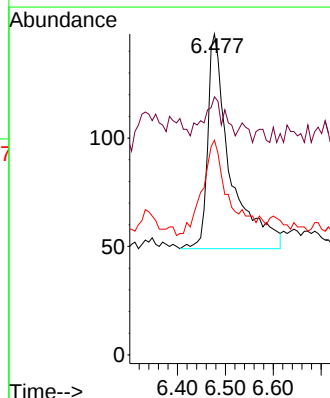
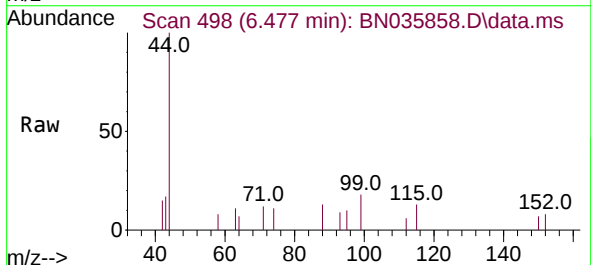
Instrument :
BNA_N
ClientSampleId :
RE115D1-20241213DL

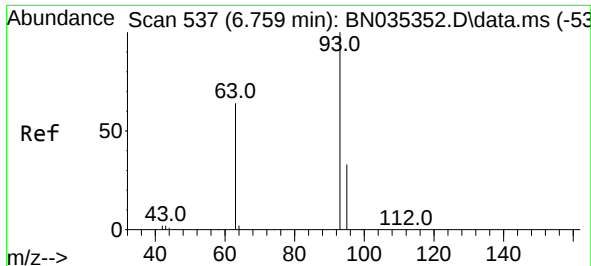
Tgt Ion:112 Resp: 517
Ion Ratio Lower Upper
112 100
64 52.6 39.8 59.8
63 28.0 21.0 31.6



#5
Phenol-d6
Concen: 0.037 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

Tgt Ion: 99 Resp: 323
Ion Ratio Lower Upper
99 100
42 22.0 11.4 17.2#
71 50.8 29.3 43.9#

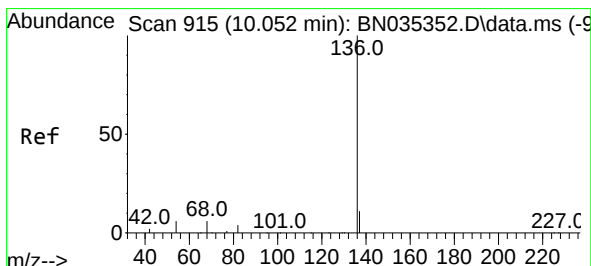
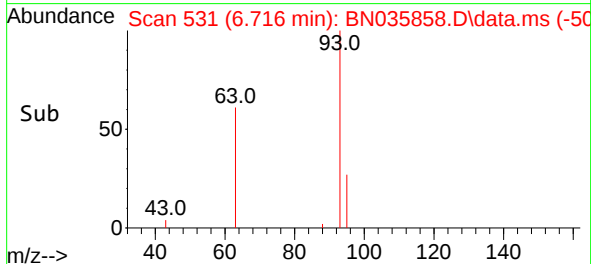
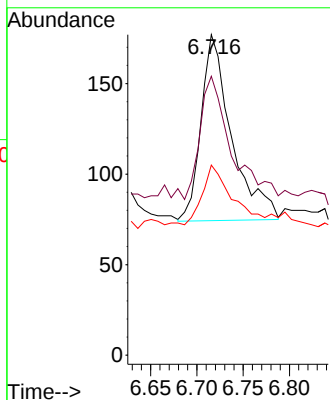
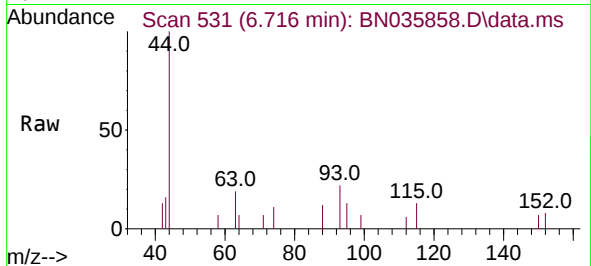




#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 6.716 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

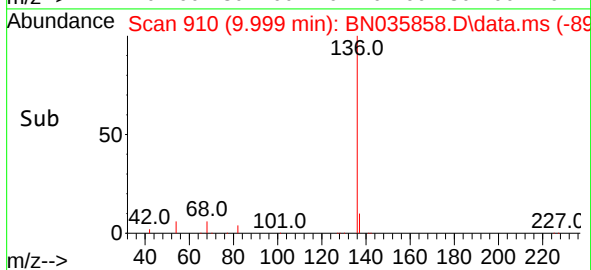
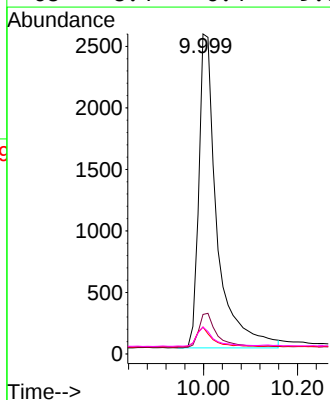
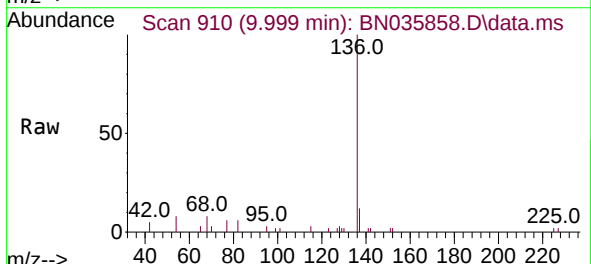
Instrument :
BNA_N
ClientSampleId :
RE115D1-20241213DL

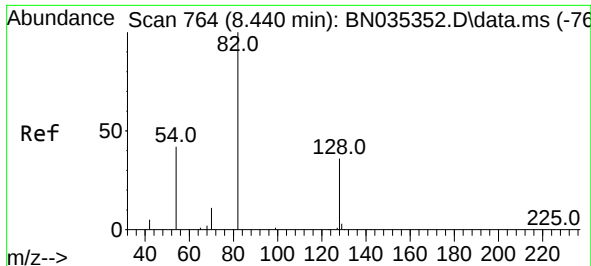
Tgt Ion: 93	Resp:	235	
Ion	Ratio	Lower	Upper
93	100		
63	70.6	50.4	75.6
95	31.5	25.7	38.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 9.999 min Scan# 910
Delta R.T. -0.021 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

Tgt	Ion:136	Resp:	6901
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.2	15.2
54	8.4	6.1	9.1
68	8.4	6.4	9.6

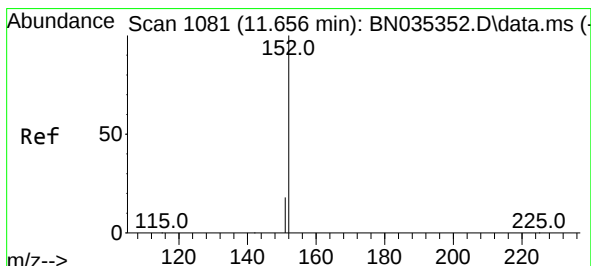
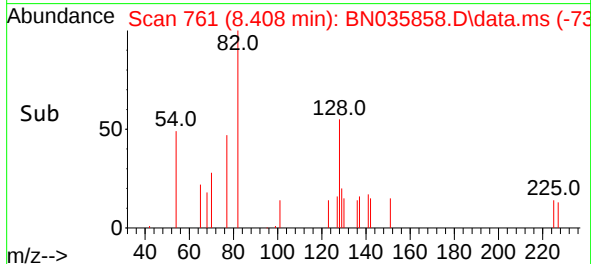
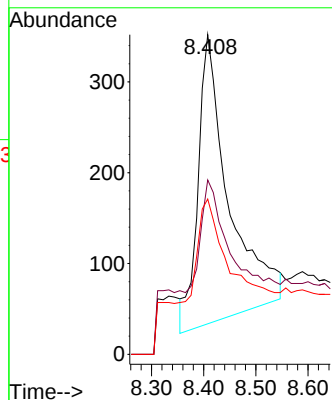
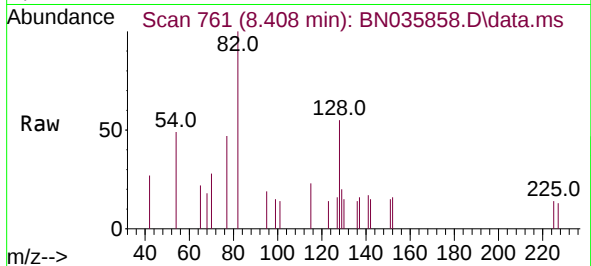




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.408 min Scan# 70
Delta R.T. -0.000 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

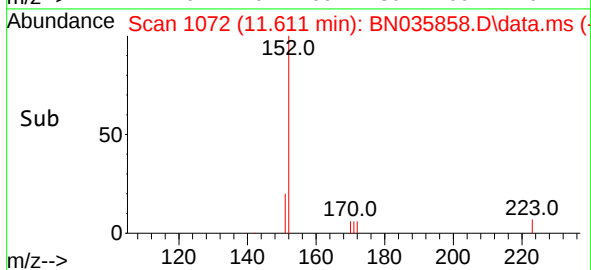
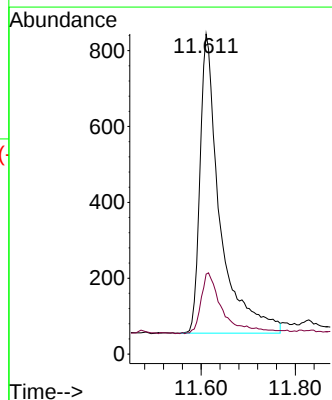
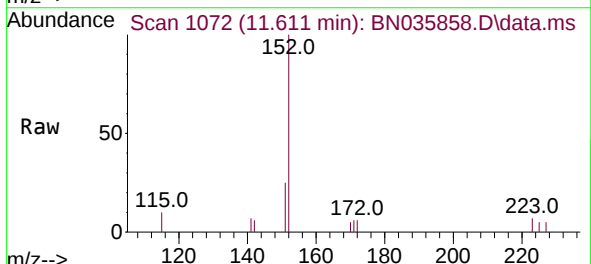
Instrument :
BNA_N
ClientSampleId :
RE115D1-20241213DL

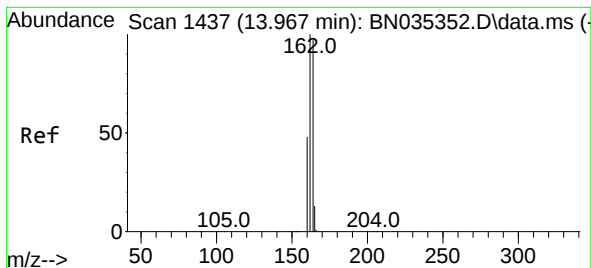
Tgt Ion: 82 Resp: 1305
Ion Ratio Lower Upper
82 100
128 54.5 33.4 50.0#
54 48.6 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.215 ng
RT: 11.611 min Scan# 1072
Delta R.T. -0.010 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

Tgt Ion:152 Resp: 2321
Ion Ratio Lower Upper
152 100
151 22.1 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.914 min Scan# 1437

Delta R.T. -0.021 min

Lab File: BN035858.D

Acq: 26 Dec 2024 17:53

Instrument :

BNA_N

ClientSampleId :

RE115D1-20241213DL

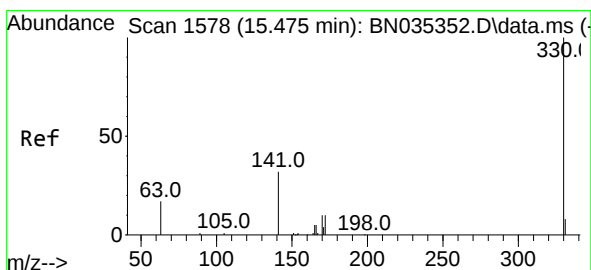
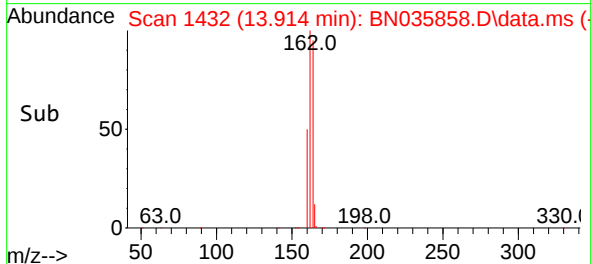
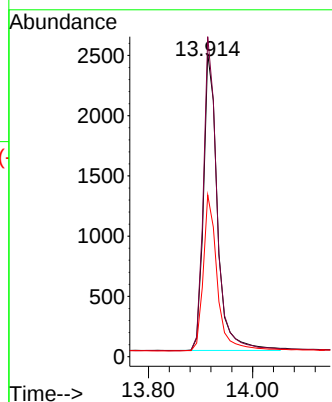
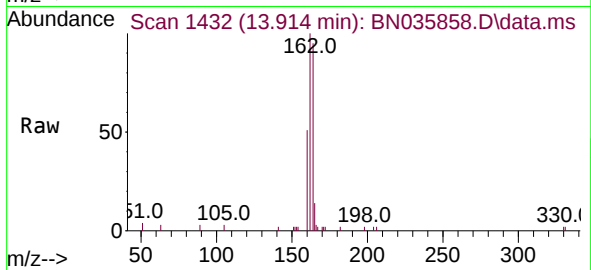
Tgt Ion:164 Resp: 4611

Ion Ratio Lower Upper

164 100

162 105.6 82.2 123.2

160 53.4 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.136 ng

RT: 15.443 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN035858.D

Acq: 26 Dec 2024 17:53

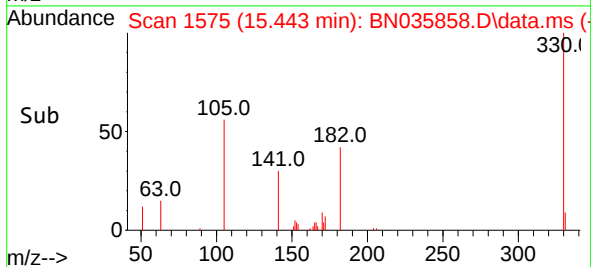
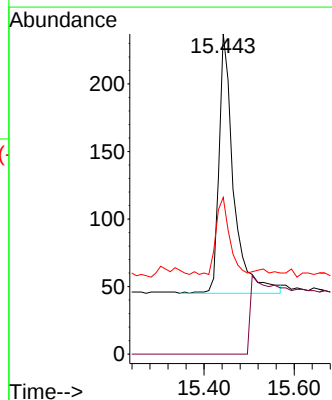
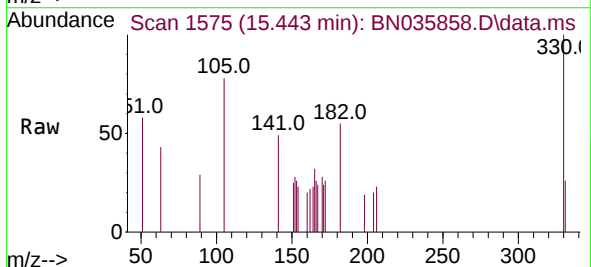
Tgt Ion:330 Resp: 446

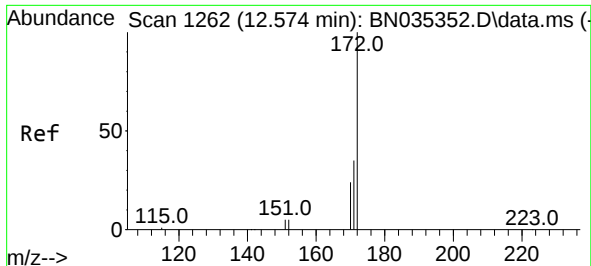
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 26.2 26.6 40.0#

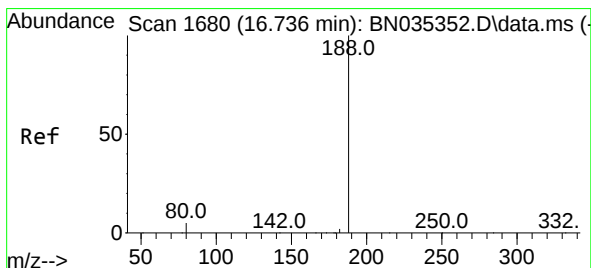
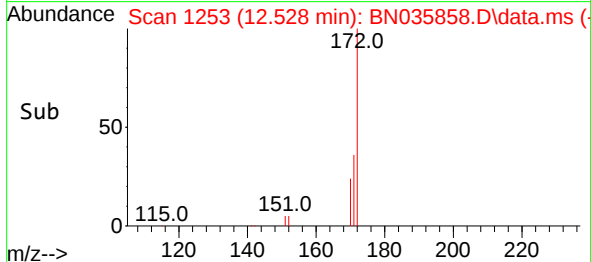
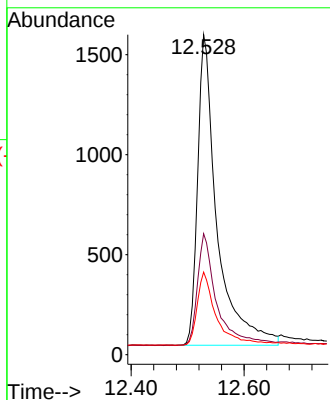
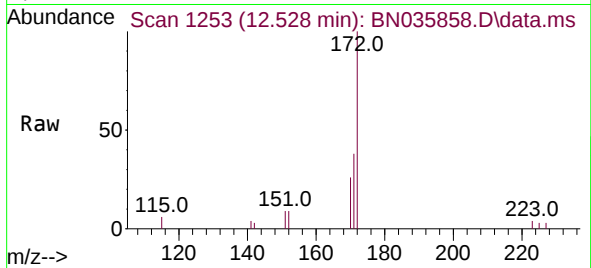




#15
2-Fluorobiphenyl
Concen: 0.213 ng
RT: 12.528 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

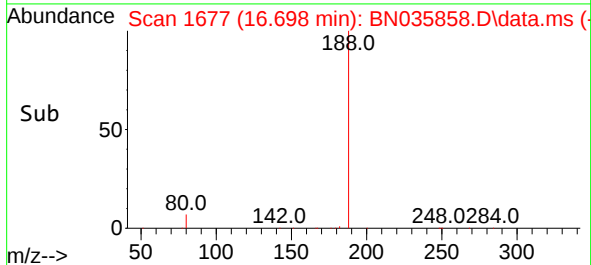
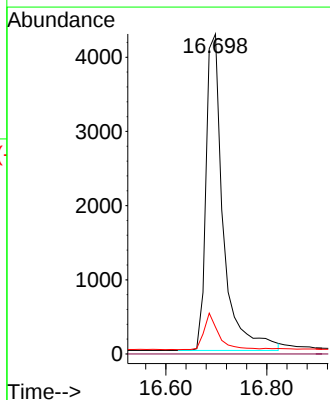
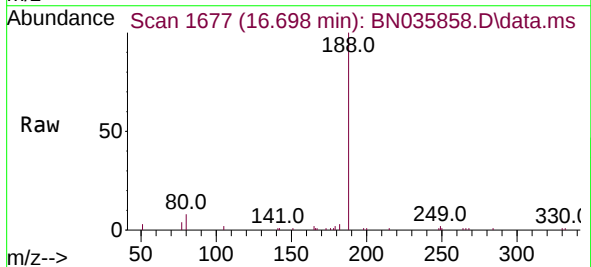
Instrument :
BNA_N
ClientSampleId :
RE115D1-20241213DL

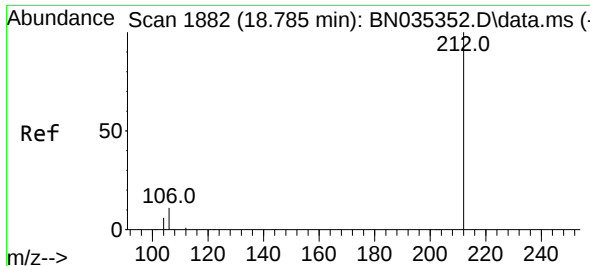
Tgt Ion:172 Resp: 3712
Ion Ratio Lower Upper
172 100
171 37.8 29.0 43.4
170 25.8 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

Tgt Ion:188 Resp: 10065
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 4.6 6.8#

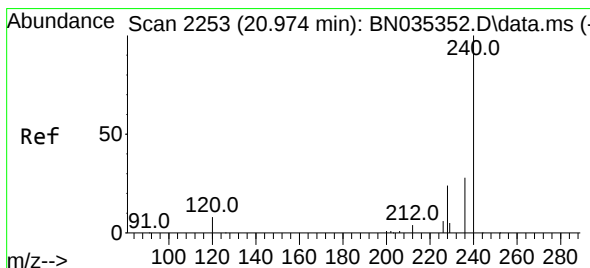
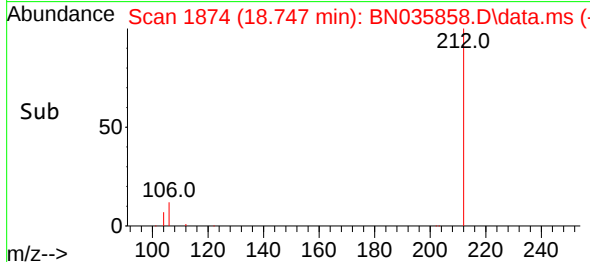
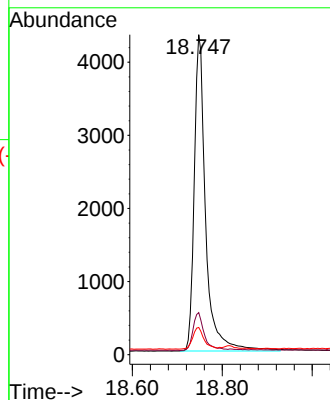
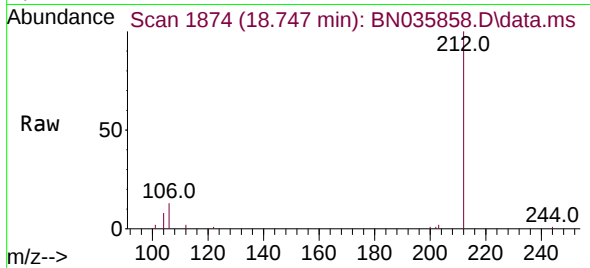




#27
Fluoranthene-d10
Concen: 0.267 ng
RT: 18.747 min Scan# 1874
Delta R.T. -0.014 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

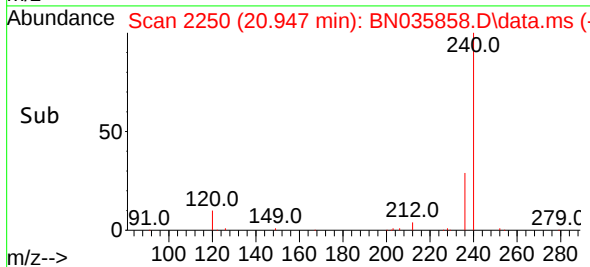
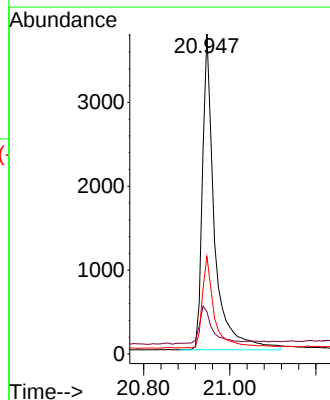
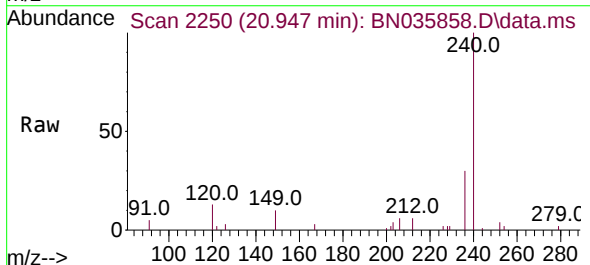
Instrument :
BNA_N
ClientSampleId :
RE115D1-20241213DL

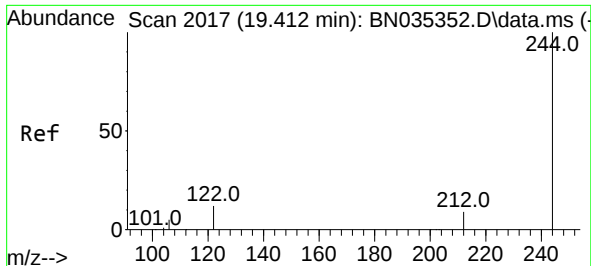
Tgt Ion:212 Resp: 7627
Ion Ratio Lower Upper
212 100
106 11.9 9.2 13.8
104 6.8 5.3 7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

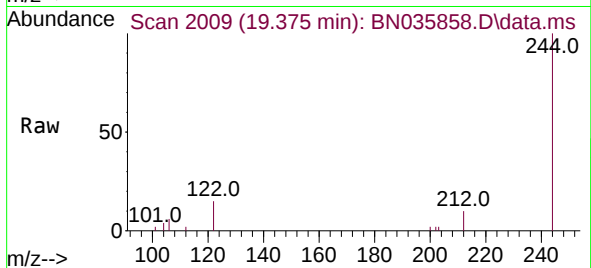
Tgt Ion:240 Resp: 7379
Ion Ratio Lower Upper
240 100
120 13.2 7.9 11.9#
236 30.5 22.9 34.3



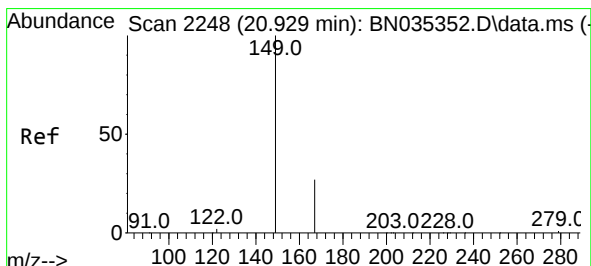
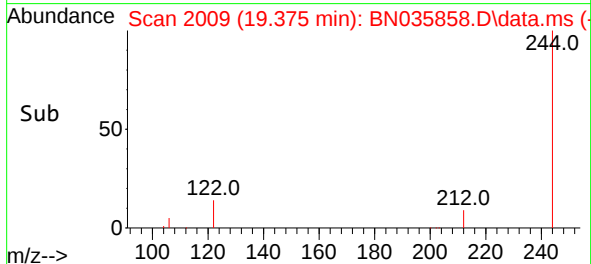
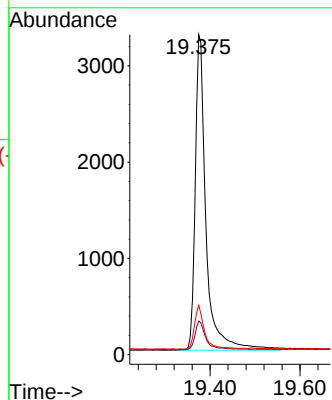


#31
Terphenyl-d14
Concen: 0.374 ng
RT: 19.375 min Scan# 2017
Delta R.T. -0.014 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

Instrument :
BNA_N
ClientSampleId :
RE115D1-20241213DL

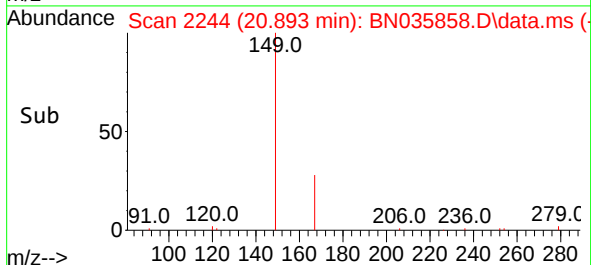
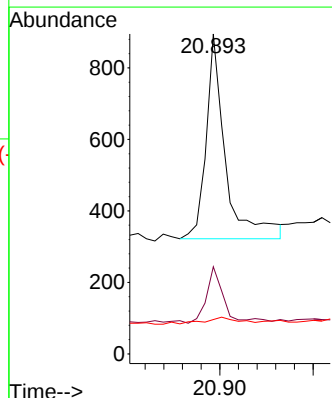
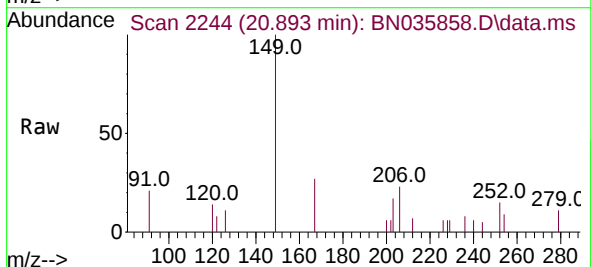


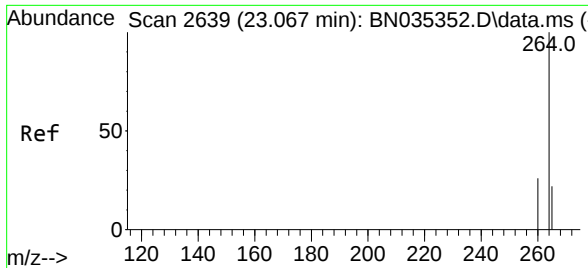
Tgt Ion:244 Resp: 5442
Ion Ratio Lower Upper
244 100
212 10.5 8.1 12.1
122 15.4 10.3 15.5



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 20.893 min Scan# 2244
Delta R.T. -0.018 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

Tgt Ion:149 Resp: 826
Ion Ratio Lower Upper
149 100
167 20.6 22.2 33.4#
279 5.3 2.7 4.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.026 min Scan# 20
Delta R.T. -0.015 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

Instrument :
BNA_N
ClientSampleId :
RE115D1-20241213DL

Tgt Ion:264 Resp: 6927

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.4	32.2
265	90.4	40.2	60.4#

