

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
 Data File : BN035854.D
 Acq On : 26 Dec 2024 15:30
 Operator : RC/JU
 Sample : P5376-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20241218DL

Quant Time: Dec 27 00:41:35 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)

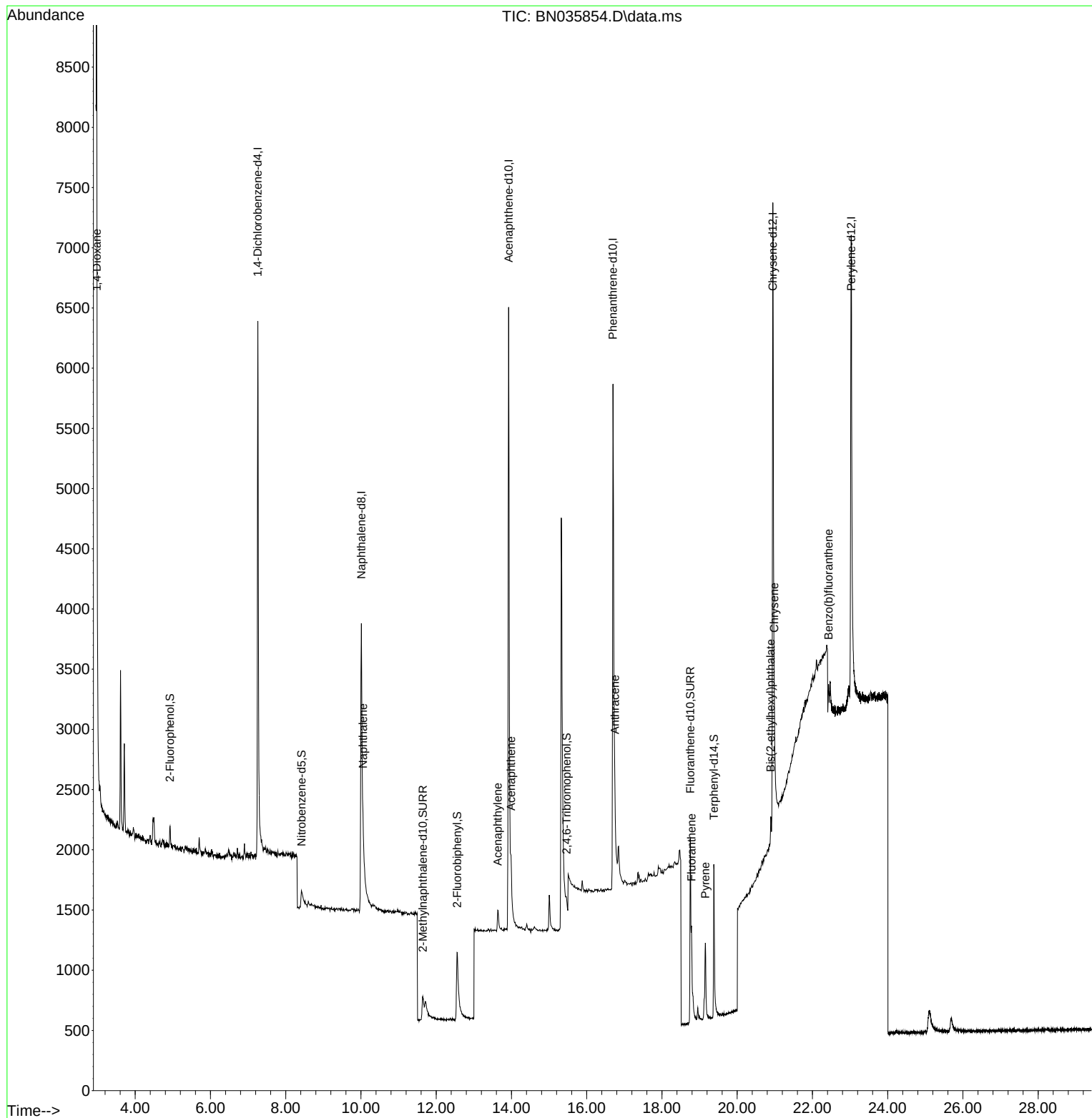
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	2752	0.400	ng	-0.01
7) Naphthalene-d8	10.009	136	6133	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	4189	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9267	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7345	0.400	ng	# 0.00
35) Perylene-d12	23.029	264	6900	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	170	0.025	ng	-0.01
5) Phenol-d6	6.477	99	80	0.010	ng	-0.01
8) Nitrobenzene-d5	8.418	82	544	0.145	ng	0.01
11) 2-Methylnaphthalene-d10	11.641	152	768	0.080	ng	0.02
14) 2,4,6-Tribromophenol	15.464	330	143	0.048	ng	0.01
15) 2-Fluorobiphenyl	12.559	172	1316	0.083	ng	0.01
27) Fluoranthene-d10	18.757	212	2532	0.096	ng	0.00
31) Terphenyl-d14	19.379	244	1897	0.131	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	5250	1.996	ng	99
9) Naphthalene	10.052	128	468	0.029	ng	# 41
16) Acenaphthylene	13.636	152	389	0.022	ng	95
17) Acenaphthene	13.989	154	244	0.021	ng	96
26) Anthracene	16.748	178	698	0.030	ng	96
28) Fluoranthene	18.784	202	749	0.022	ng	99
30) Pyrene	19.151	202	773	0.029	ng	98
33) Chrysene	20.982	228	652	0.025	ng	# 79
34) Bis(2-ethylhexyl)phtha...	20.893	149	272	0.027	ng	# 91
37) Benzo(b)fluoranthene	22.430	252	554	0.022	ng	# 1

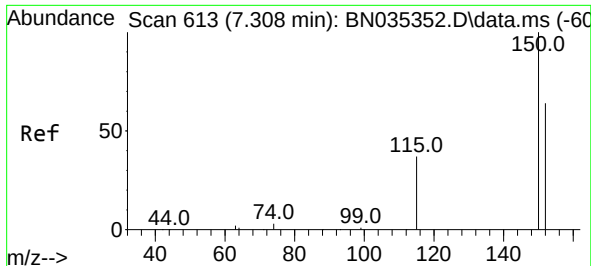
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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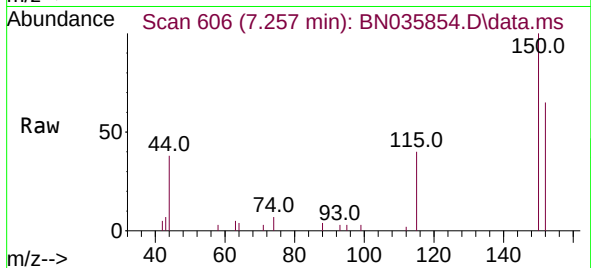
Quant Time: Dec 27 00:41:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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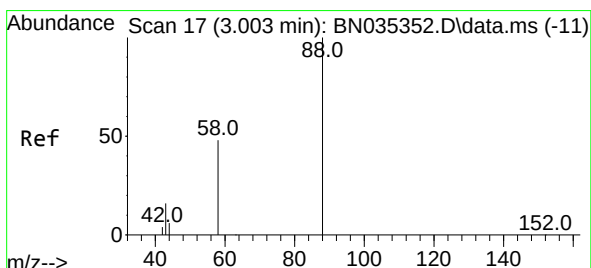
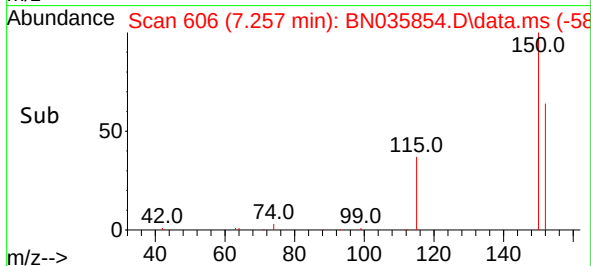
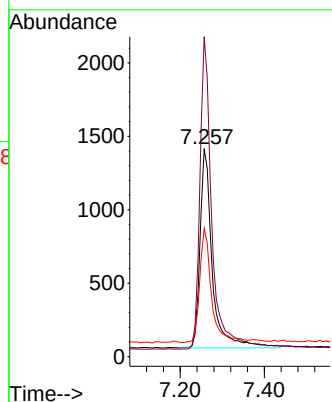


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.257 min Scan# 60
 Delta R.T. -0.015 min
 Lab File: BN035854.D
 Acq: 26 Dec 2024 15:30

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20241218DL

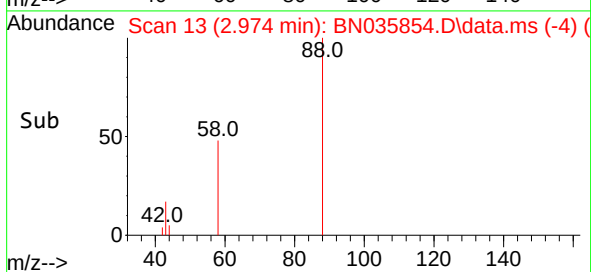
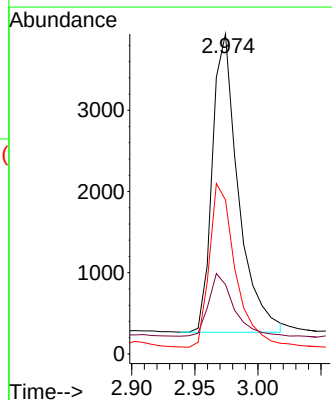
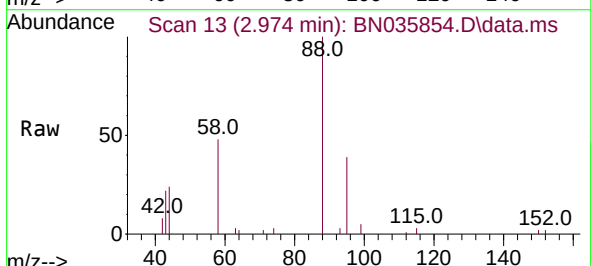


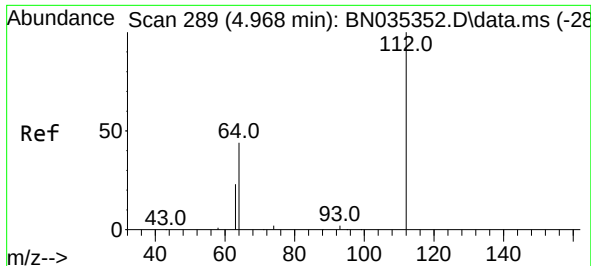
Tgt Ion:152 Resp: 2752
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.0 186.0
 115 61.7 49.6 74.4



#2
 1,4-Dioxane
 Concen: 1.996 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.008 min
 Lab File: BN035854.D
 Acq: 26 Dec 2024 15:30

Tgt Ion: 88 Resp: 5250
 Ion Ratio Lower Upper
 88 100
 43 20.5 17.2 25.8
 58 54.9 44.5 66.7

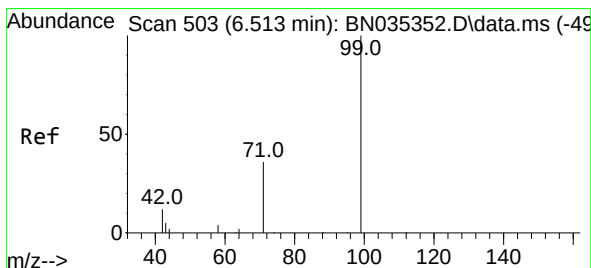
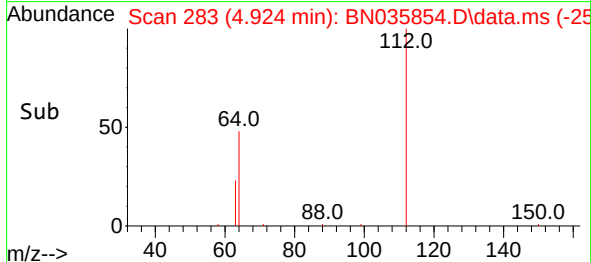
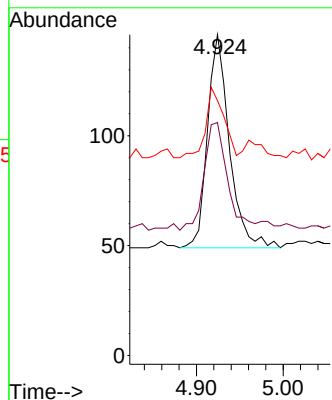
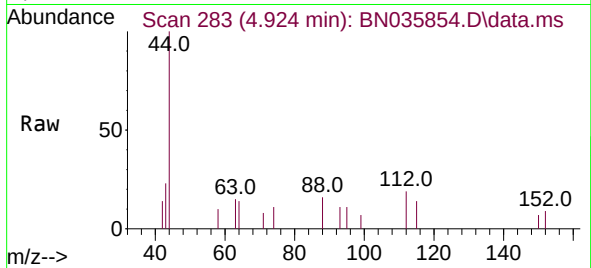




#4
2-Fluorophenol
Concen: 0.025 ng
RT: 4.924 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

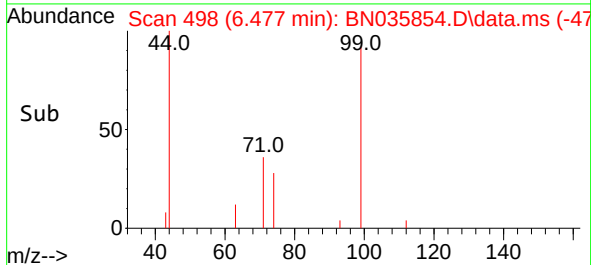
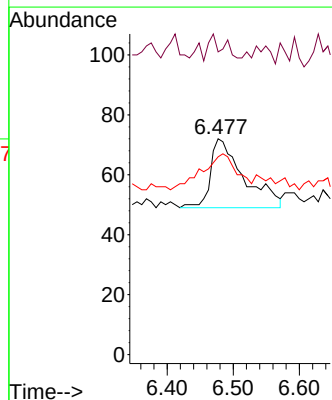
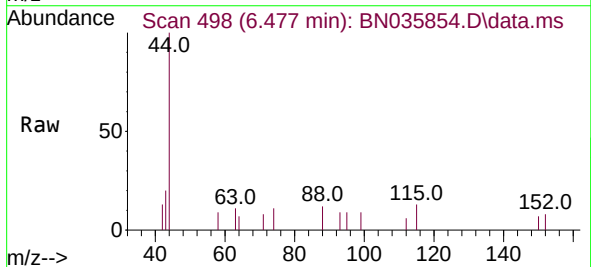
Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218DL

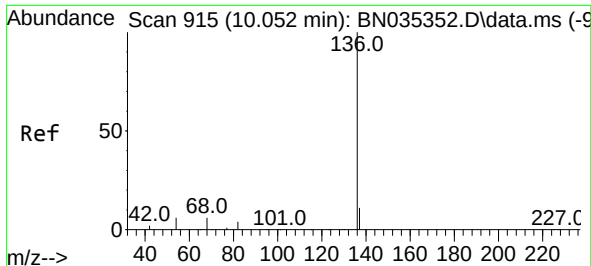
Tgt Ion:112 Resp: 170
Ion Ratio Lower Upper
112 100
64 53.5 39.8 59.8
63 31.8 21.0 31.6#



#5
Phenol-d6
Concen: 0.010 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

Tgt Ion: 99 Resp: 80
Ion Ratio Lower Upper
99 100
42 12.5 11.4 17.2
71 53.8 29.3 43.9#

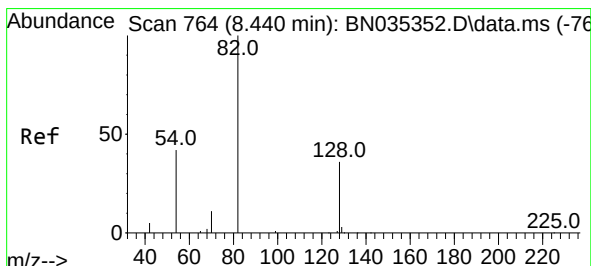
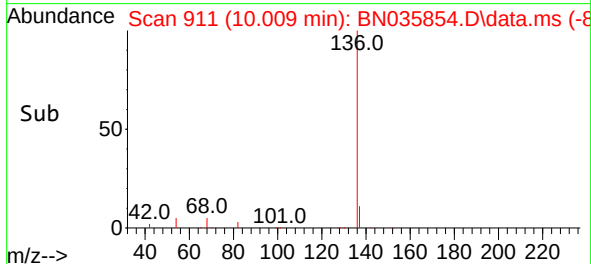
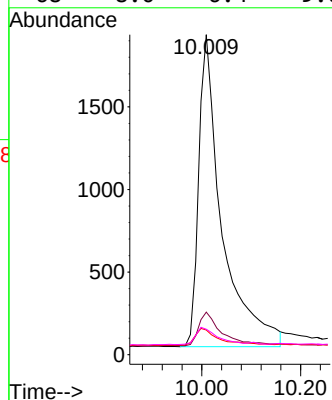
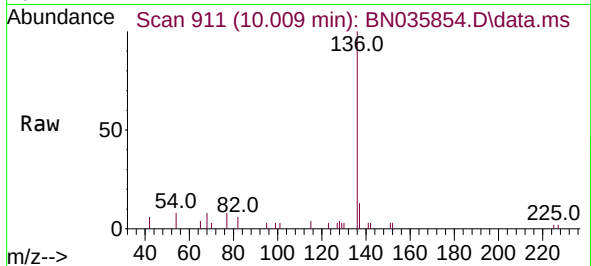




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

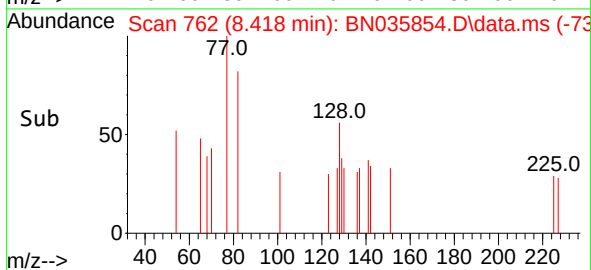
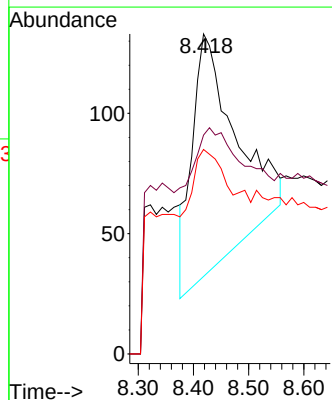
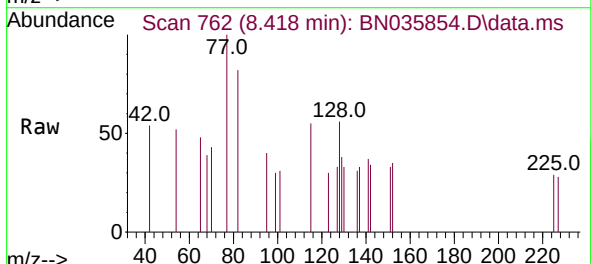
Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218DL

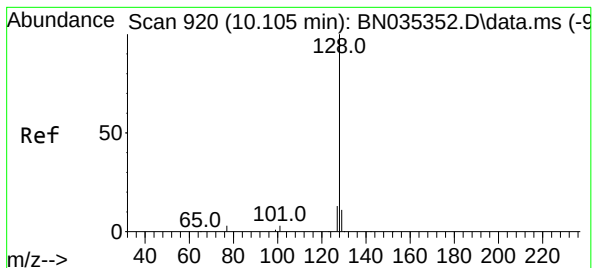
Tgt Ion:	136	Resp:	6133
Ion Ratio	Lower	Upper	
136	100		
137	13.3	10.2	15.2
54	7.7	6.1	9.1
68	8.0	6.4	9.6



#8
Nitrobenzene-d5
Concen: 0.145 ng
RT: 8.418 min Scan# 762
Delta R.T. 0.010 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

Tgt Ion:	82	Resp:	544
Ion Ratio	Lower	Upper	
82	100		
128	68.4	33.4	50.0#
54	63.9	36.7	55.1#





#9

Naphthalene

Concen: 0.029 ng

RT: 10.052 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN035854.D

Acq: 26 Dec 2024 15:30

Instrument :

BNA_N

ClientSampleId :

RE115D2-20241218DL

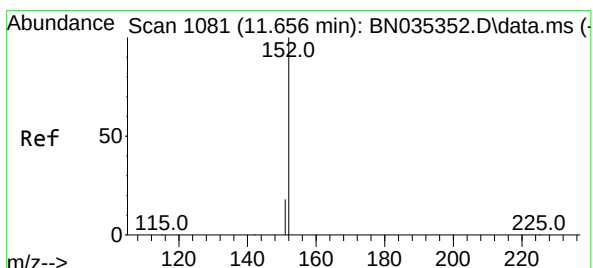
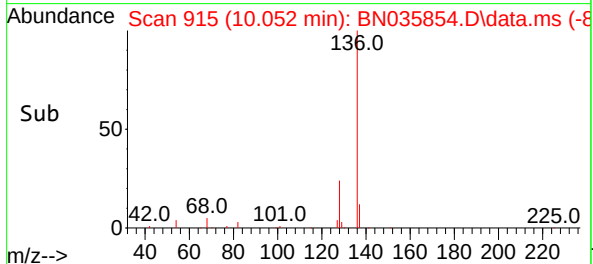
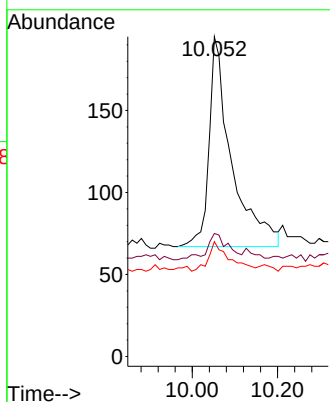
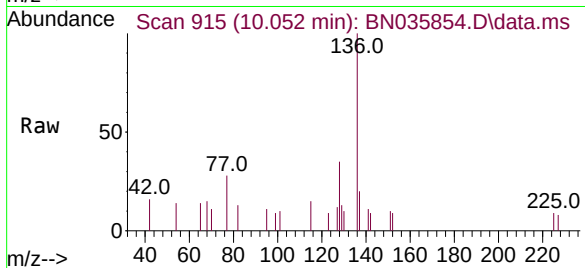
Tgt Ion:128 Resp: 468

Ion Ratio Lower Upper

128 100

129 38.5 9.8 14.6#

127 35.9 11.4 17.2#



#11

2-Methylnaphthalene-d10

Concen: 0.080 ng

RT: 11.641 min Scan# 1078

Delta R.T. 0.020 min

Lab File: BN035854.D

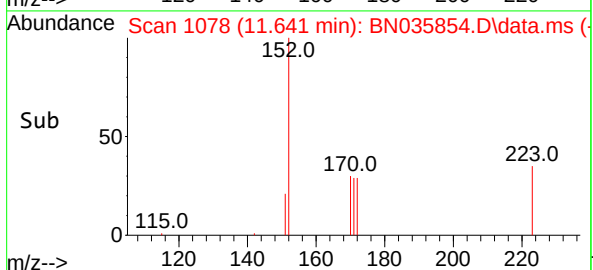
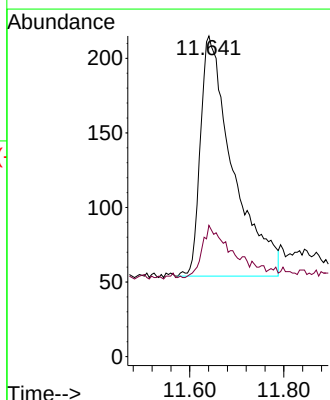
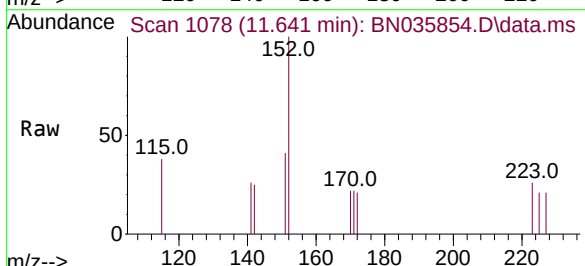
Acq: 26 Dec 2024 15:30

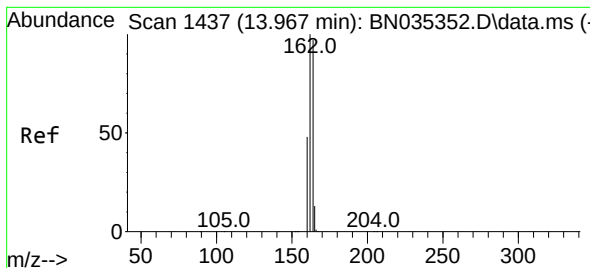
Tgt Ion:152 Resp: 768

Ion Ratio Lower Upper

152 100

151 16.5 16.6 25.0#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.924 min Scan# 1433

Delta R.T. -0.011 min

Lab File: BN035854.D

Acq: 26 Dec 2024 15:30

Instrument :

BNA_N

ClientSampleId :

RE115D2-20241218DL

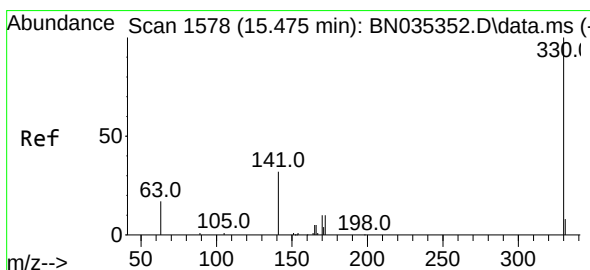
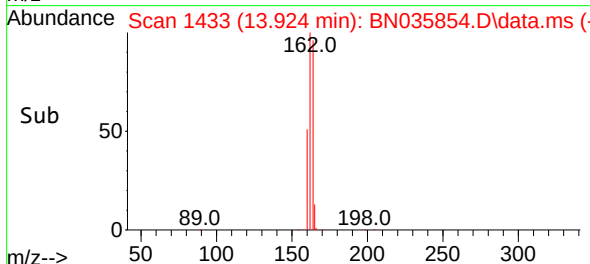
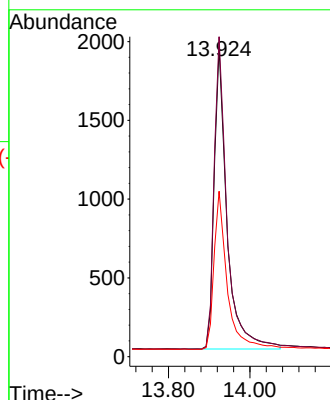
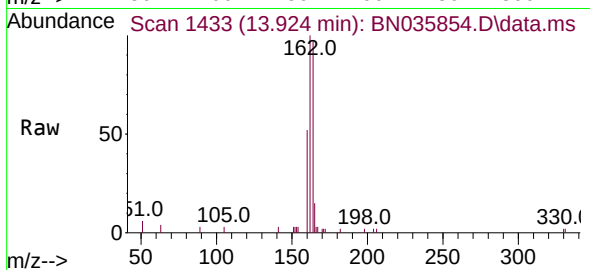
Tgt Ion:164 Resp: 4189

Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.2

160 53.5 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.048 ng

RT: 15.464 min Scan# 1577

Delta R.T. 0.010 min

Lab File: BN035854.D

Acq: 26 Dec 2024 15:30

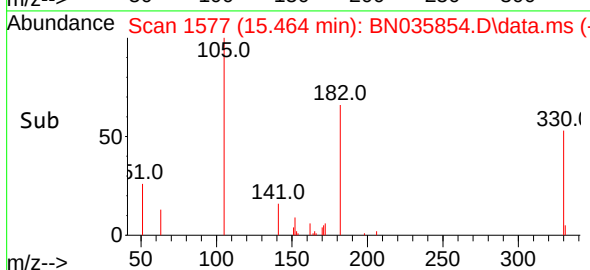
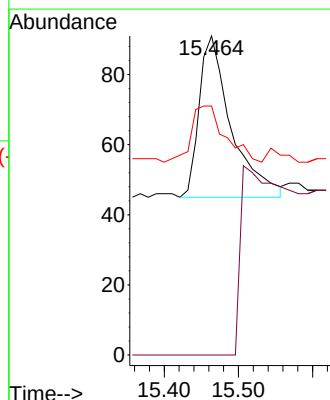
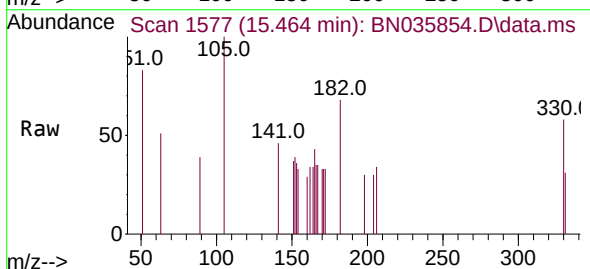
Tgt Ion:330 Resp: 143

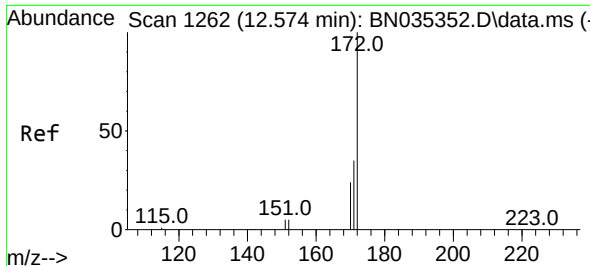
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 38.5 26.6 40.0

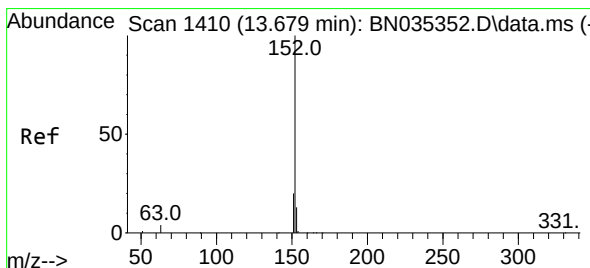
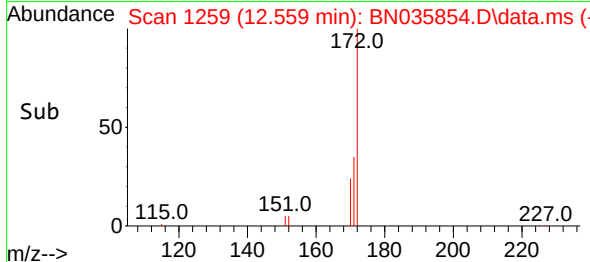
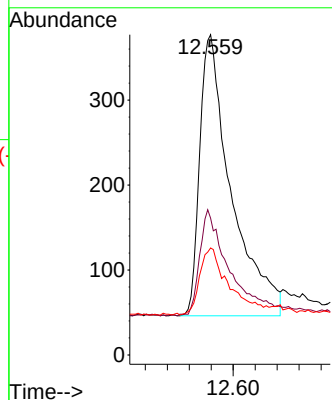
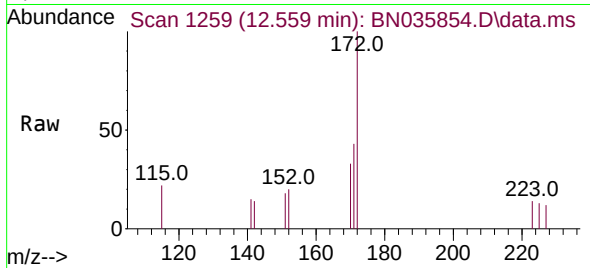




#15
2-Fluorobiphenyl
Concen: 0.083 ng
RT: 12.559 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

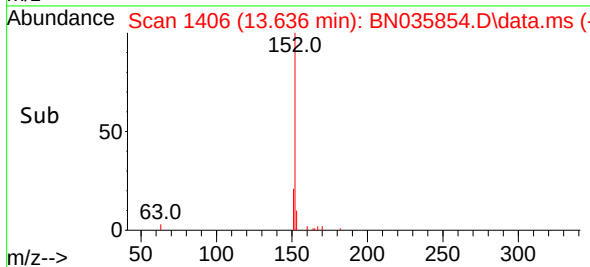
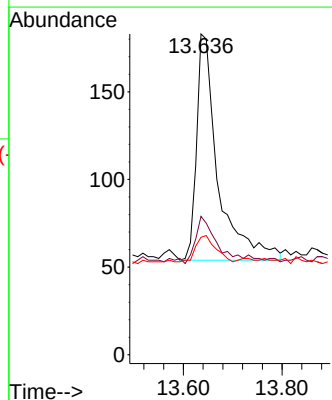
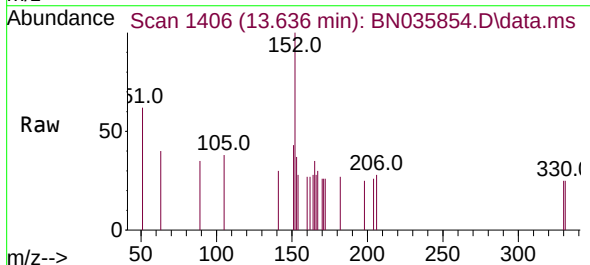
Instrument :
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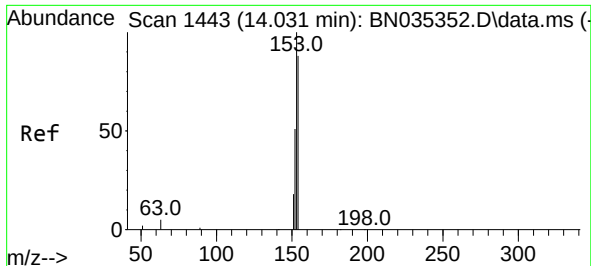
Tgt Ion:172	Resp:	1316
Ion Ratio	Lower	Upper
172	100	
171	42.7	29.0 43.4
170	33.4	19.8 29.8#



#16
Acenaphthylene
Concen: 0.022 ng
RT: 13.636 min Scan# 1406
Delta R.T. -0.011 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

Tgt Ion:152	Resp:	389
Ion Ratio	Lower	Upper
152	100	
151	22.4	16.2 24.2
153	10.5	10.4 15.6

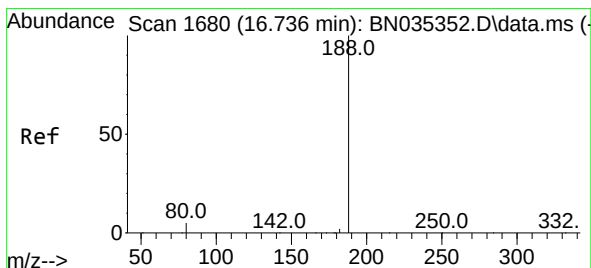
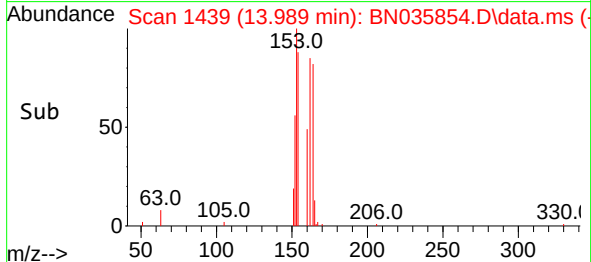
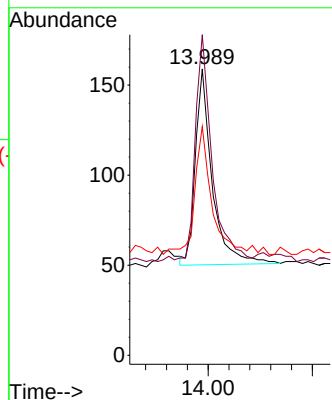
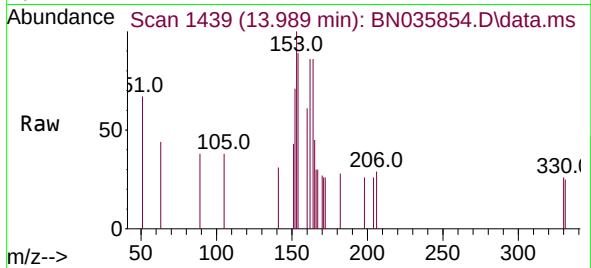




#17
Acenaphthene
Concen: 0.021 ng
RT: 13.989 min Scan# 1443
Delta R.T. -0.011 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

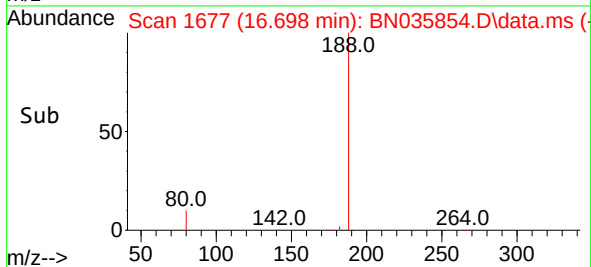
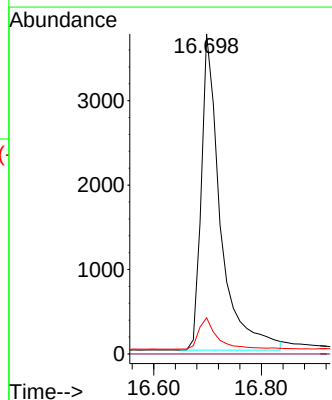
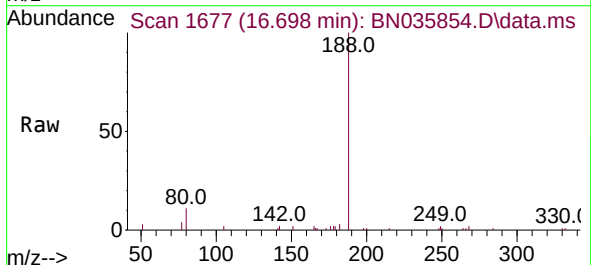
Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218DL

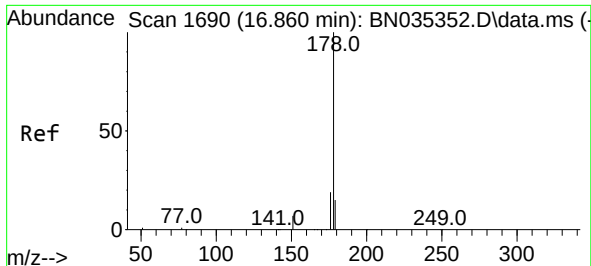
Tgt Ion:154 Resp: 244
Ion Ratio Lower Upper
154 100
153 111.9 92.6 139.0
152 65.2 49.0 73.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

Tgt Ion:188 Resp: 9267
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 4.6 6.8

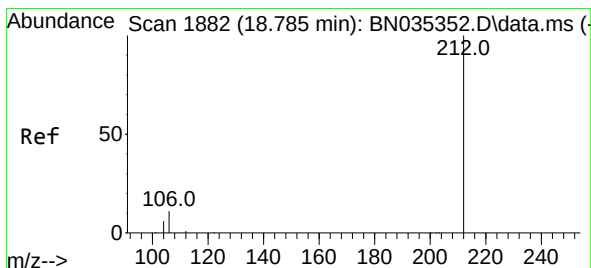
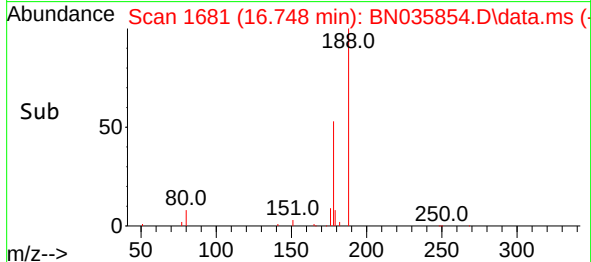
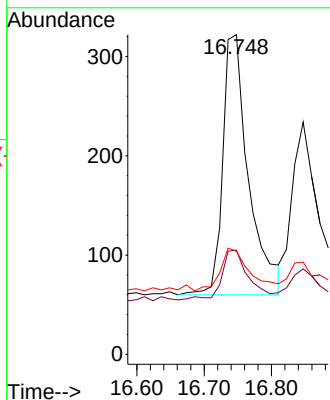
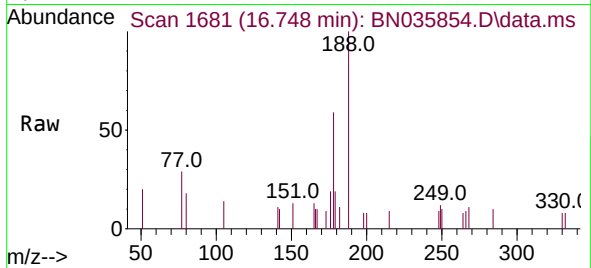




#26
 Anthracene
 Concen: 0.030 ng
 RT: 16.748 min Scan# 1681
 Delta R.T. -0.087 min
 Lab File: BN035854.D
 Acq: 26 Dec 2024 15:30

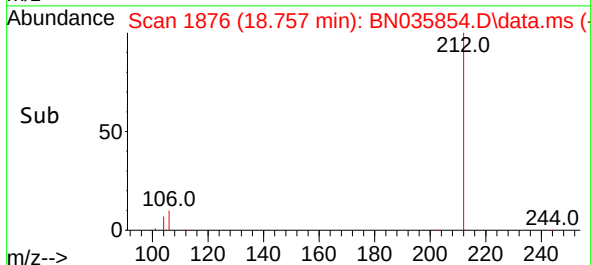
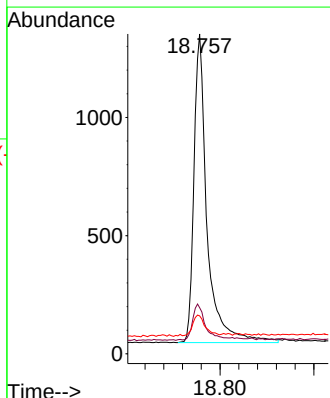
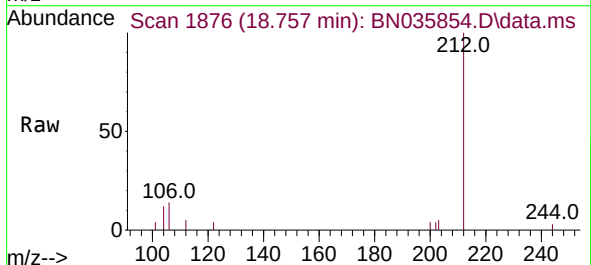
Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20241218DL

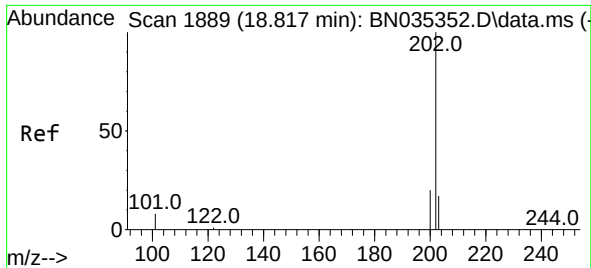
Tgt Ion:	178	Resp:	698
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.6
179	18.6	12.6	18.8



#27
 Fluoranthene-d10
 Concen: 0.096 ng
 RT: 18.757 min Scan# 1876
 Delta R.T. -0.005 min
 Lab File: BN035854.D
 Acq: 26 Dec 2024 15:30

Tgt Ion:	212	Resp:	2532
Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.2	13.8
104	6.4	5.3	7.9

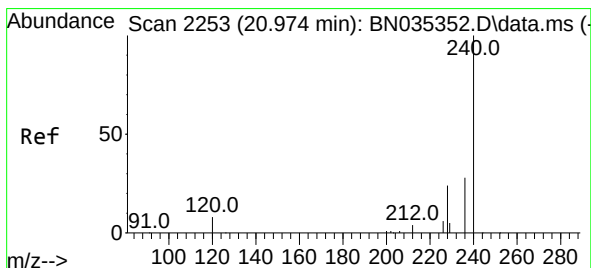
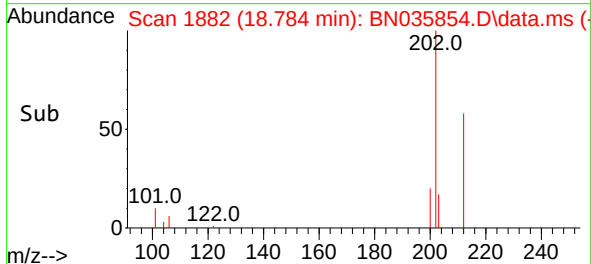
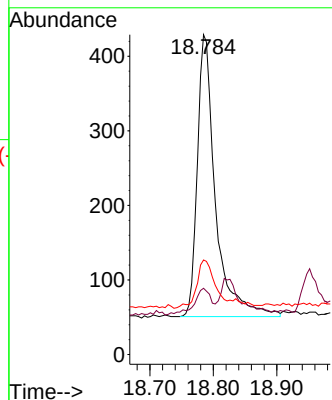
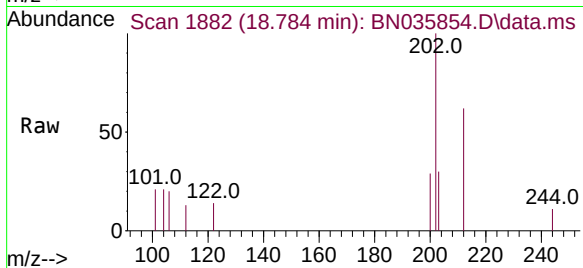




#28
Fluoranthene
Concen: 0.022 ng
RT: 18.784 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

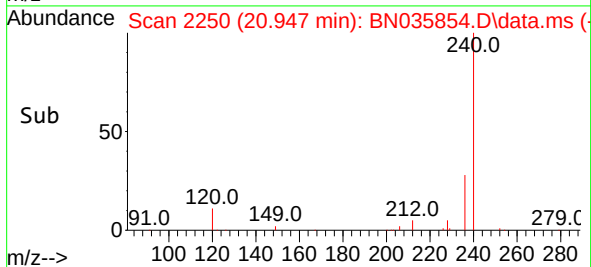
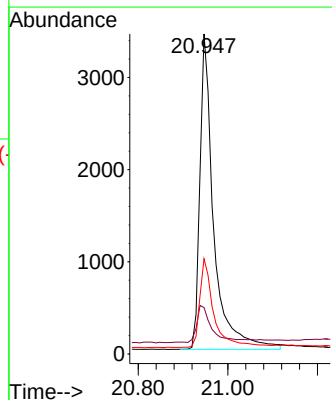
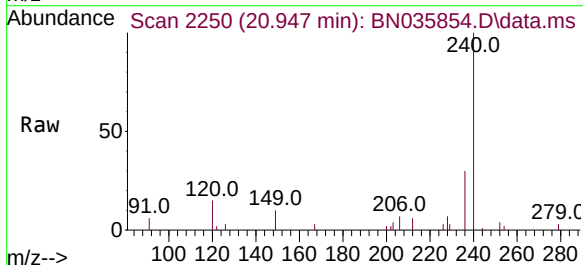
Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218DL

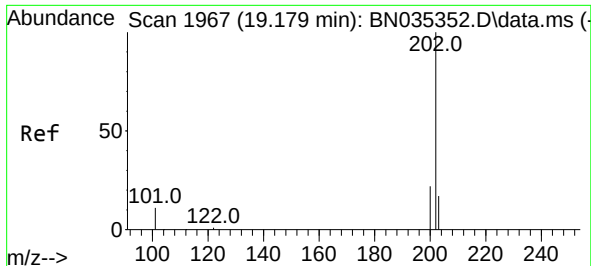
Tgt Ion:202 Resp: 749
Ion Ratio Lower Upper
202 100
101 8.4 7.4 11.0
203 17.1 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

Tgt Ion:240 Resp: 7345
Ion Ratio Lower Upper
240 100
120 14.5 7.9 11.9#
236 29.8 22.9 34.3

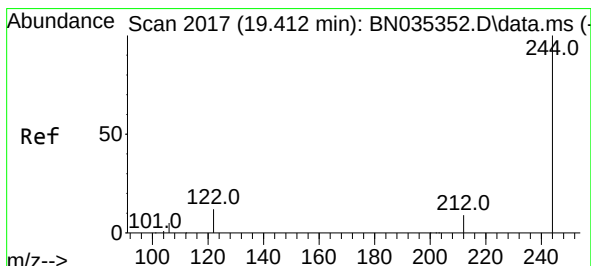
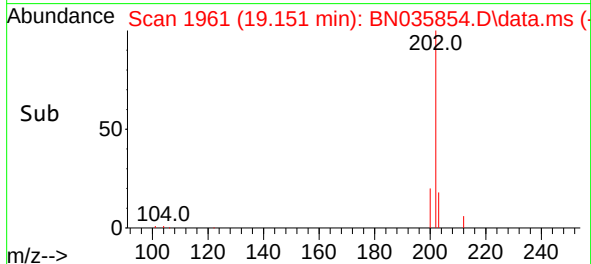
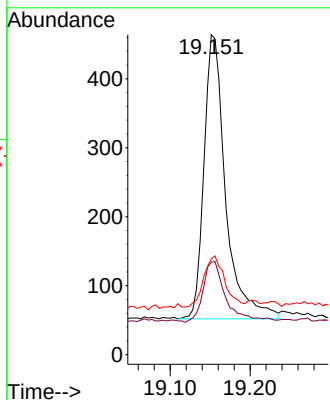
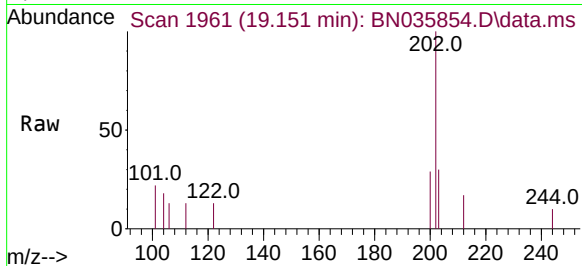




#30
Pyrene
Concen: 0.029 ng
RT: 19.151 min Scan# 1961
Delta R.T. -0.010 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

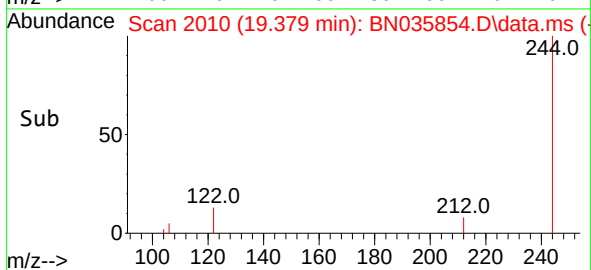
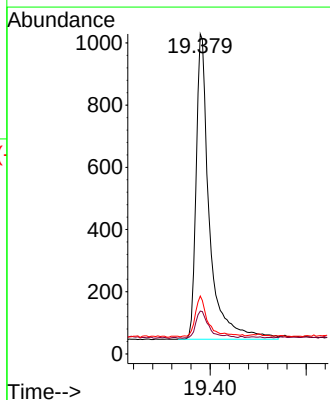
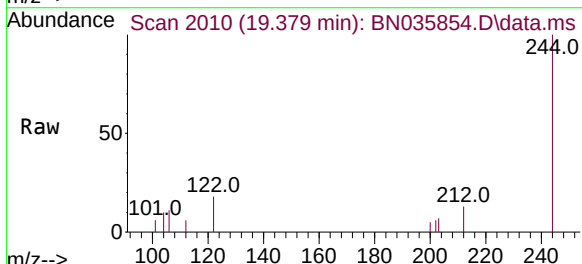
Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218DL

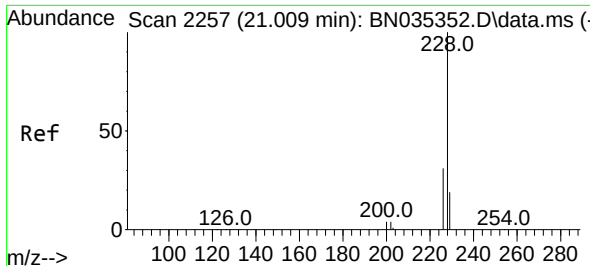
Tgt Ion:	202	Resp:	773
Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.0	25.4
203	17.5	14.3	21.5



#31
Terphenyl-d14
Concen: 0.131 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.010 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

Tgt Ion:	244	Resp:	1897
Ion	Ratio	Lower	Upper
244	100		
212	13.4	8.1	12.1#
122	18.1	10.3	15.5#

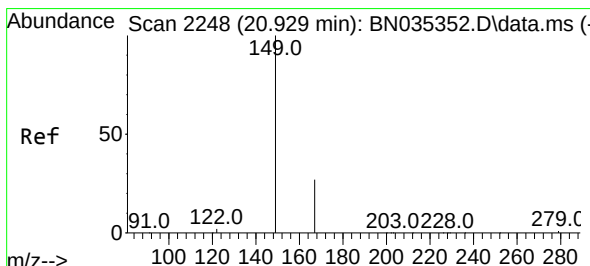
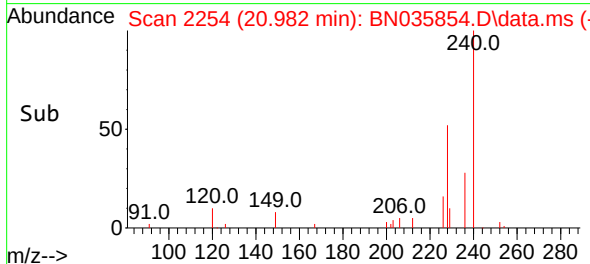
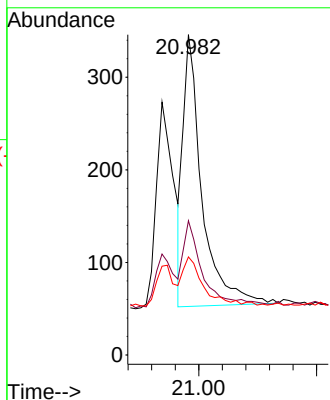
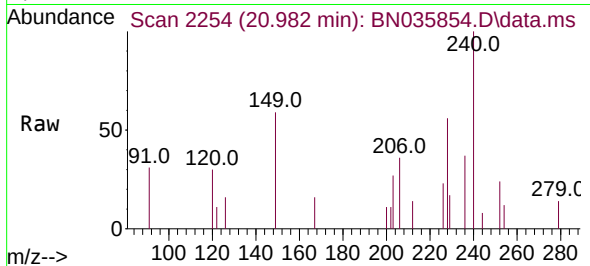




#33
Chrysene
Concen: 0.025 ng
RT: 20.982 min Scan# 2111
Delta R.T. -0.009 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

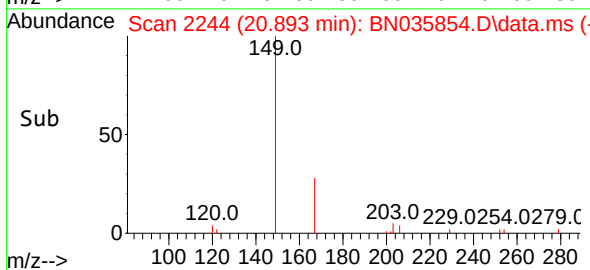
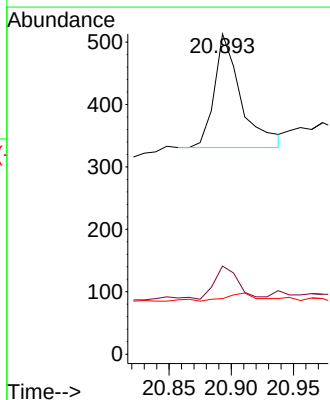
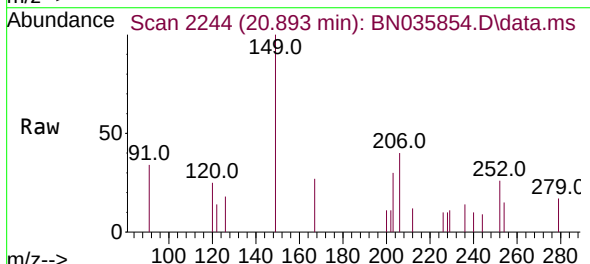
Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218DL

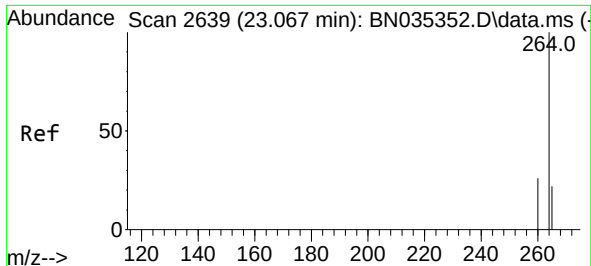
Tgt Ion:228 Resp: 652
Ion Ratio Lower Upper
228 100
226 41.9 24.6 37.0#
229 30.6 15.9 23.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.027 ng
RT: 20.893 min Scan# 2244
Delta R.T. -0.018 min
Lab File: BN035854.D
Acq: 26 Dec 2024 15:30

Tgt Ion:149 Resp: 272
Ion Ratio Lower Upper
149 100
167 23.2 22.2 33.4
279 7.4 2.7 4.1#

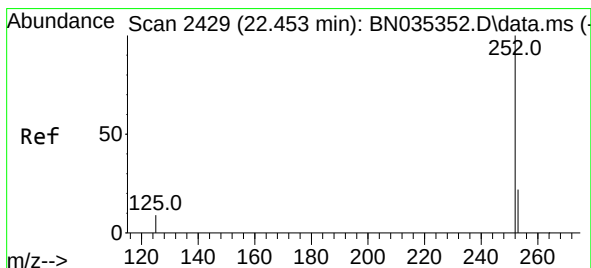
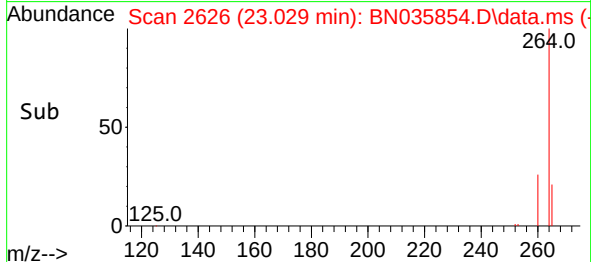
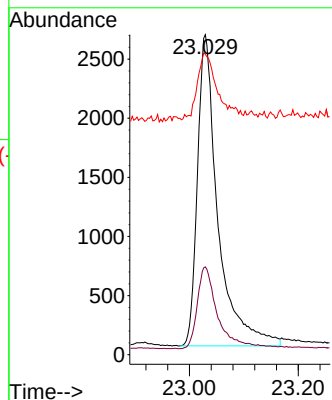
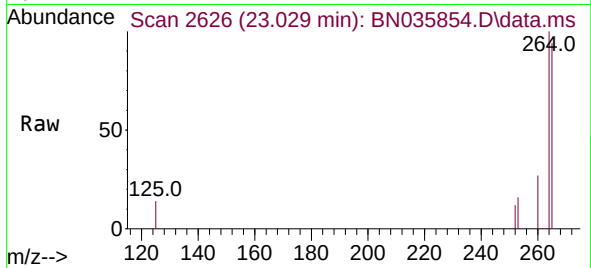




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.029 min Scan# 2626
 Delta R.T. -0.012 min
 Lab File: BN035854.D
 Acq: 26 Dec 2024 15:30

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20241218DL

Tgt Ion:264 Resp: 6900
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.4 32.2
 265 93.9 40.2 60.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.022 ng
 RT: 22.430 min Scan# 2421
 Delta R.T. -0.000 min
 Lab File: BN035854.D
 Acq: 26 Dec 2024 15:30

Tgt Ion:252 Resp: 554
 Ion Ratio Lower Upper
 252 100
 253 89.5 19.6 29.4#
 125 80.2 9.6 14.4#

