

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035727.D
 Acq On : 20 Dec 2024 04:58
 Operator : RC/JU
 Sample : P5261-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20241210

Quant Time: Dec 20 05:26:08 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)

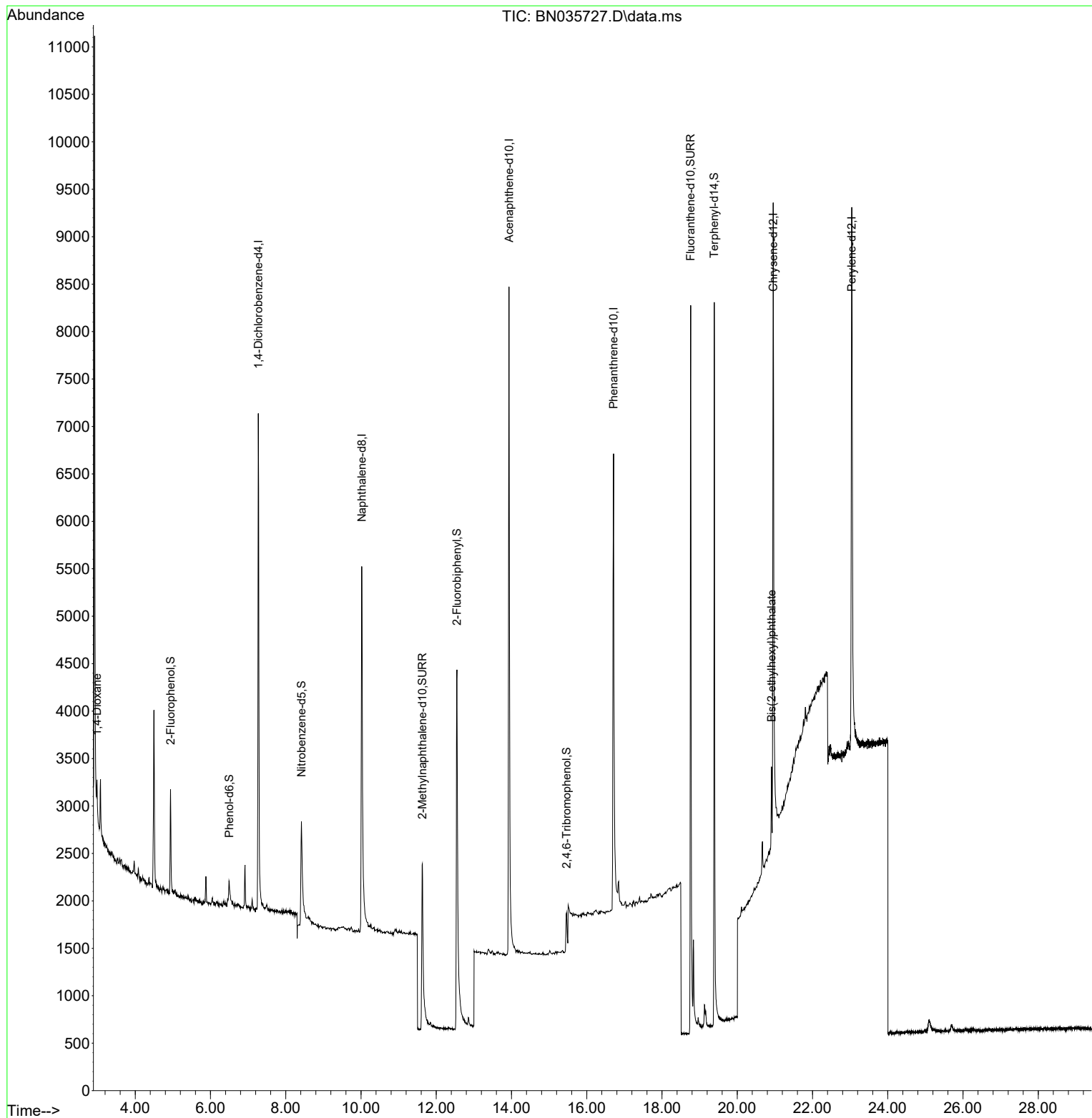
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.271	152	2945	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7549	0.400	ng	0.00
13) Acenaphthene-d10	13.935	164	4981	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	9724	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	8463	0.400	ng	# 0.00
35) Perylene-d12	23.044	264	8724	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	947	0.128	ng	0.00
5) Phenol-d6	6.499	99	510	0.058	ng	0.00
8) Nitrobenzene-d5	8.418	82	2104	0.456	ng	0.01
11) 2-Methylnaphthalene-d10	11.631	152	4408	0.373	ng	0.00
14) 2,4,6-Tribromophenol	15.464	330	660	0.187	ng	0.01
15) 2-Fluorobiphenyl	12.549	172	6271	0.333	ng	0.00
27) Fluoranthene-d10	18.761	212	11167	0.405	ng	0.00
31) Terphenyl-d14	19.388	244	8979	0.538	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.981	88	286	0.102	ng	# 75
34) Bis(2-ethylhexyl)phtha...	20.911	149	793	0.068	ng	# 97

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

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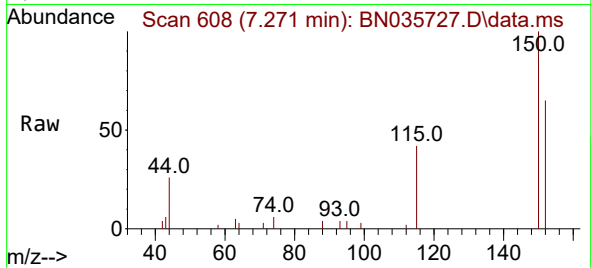
Quant Time: Dec 20 05:26:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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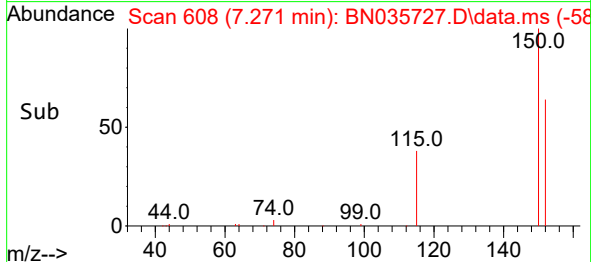
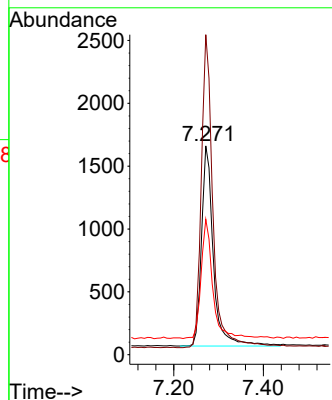


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.271 min Scan# 60
 Delta R.T. -0.001 min
 Lab File: BN035727.D
 Acq: 20 Dec 2024 04:58

Instrument :
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 ClientSampleId :
 RE120D1-20241210

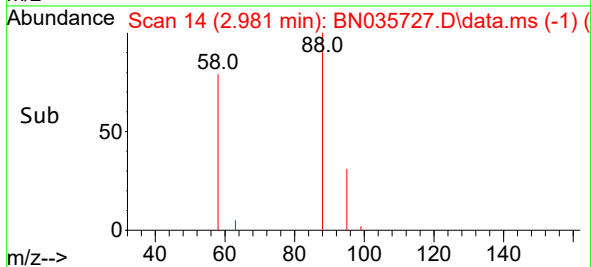
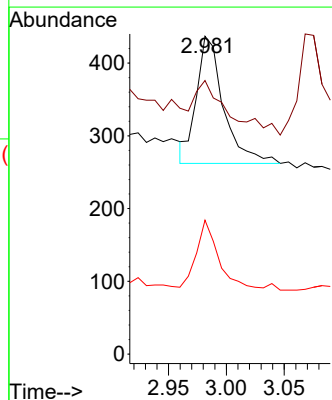
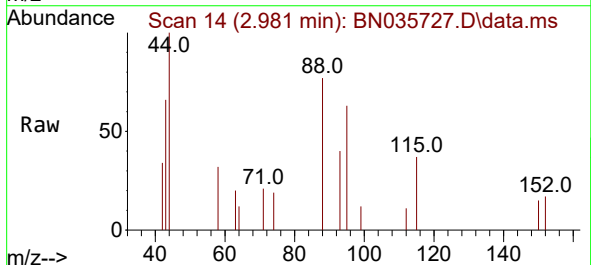


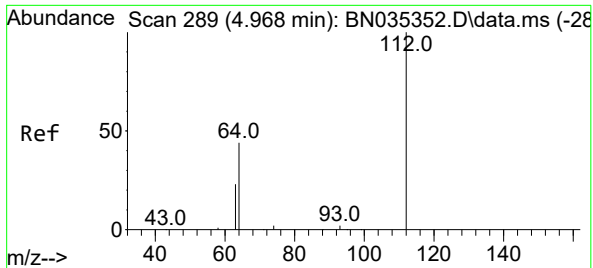
Tgt Ion:152 Resp: 2945
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.0 186.0
 115 64.8 49.6 74.4



#2
 1,4-Dioxane
 Concen: 0.102 ng
 RT: 2.981 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035727.D
 Acq: 20 Dec 2024 04:58

Tgt Ion: 88 Resp: 286
 Ion Ratio Lower Upper
 88 100
 43 51.7 17.2 25.8#
 58 47.9 44.5 66.7

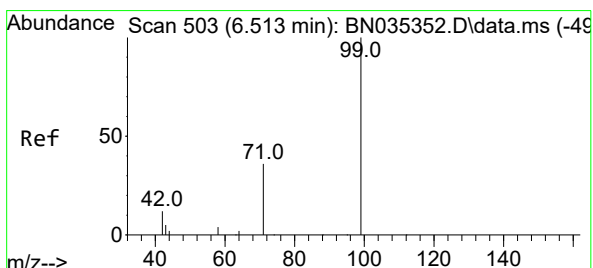
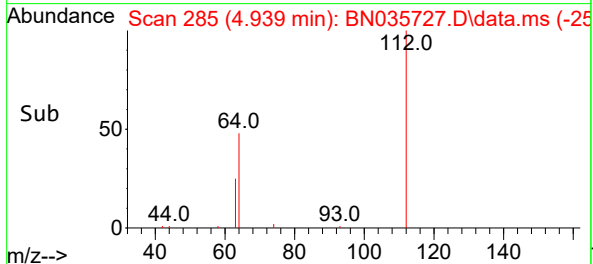
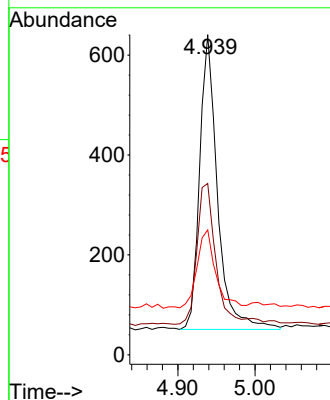
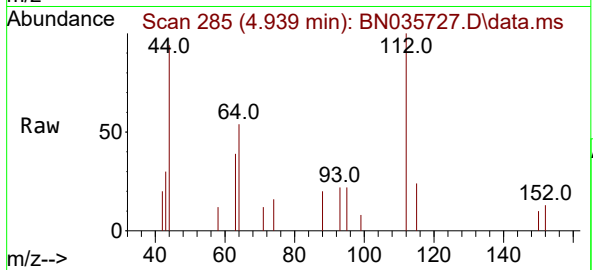




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 4.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

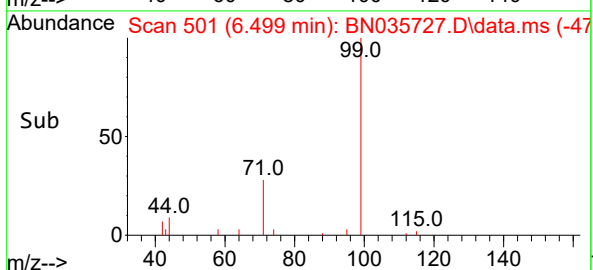
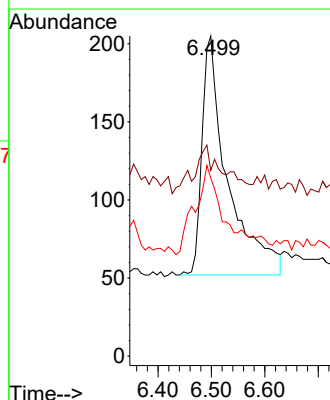
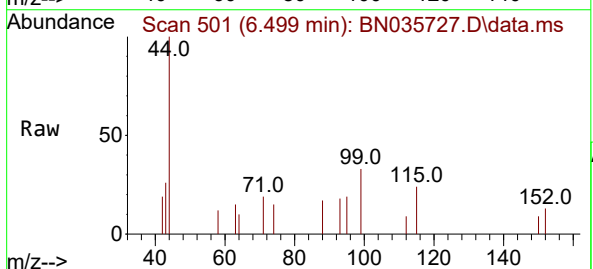
Instrument :
BNA_N
ClientSampleId :
RE120D1-20241210

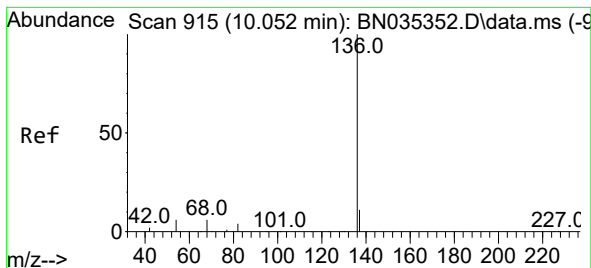
Tgt Ion:	112	Resp:	947
Ion	Ratio	Lower	Upper
112	100		
64	51.8	39.8	59.8
63	27.7	21.0	31.6



#5
Phenol-d6
Concen: 0.058 ng
RT: 6.499 min Scan# 501
Delta R.T. 0.007 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

Tgt Ion:	99	Resp:	510
Ion	Ratio	Lower	Upper
99	100		
42	9.8	11.4	17.2#
71	42.2	29.3	43.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.020 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN035727.D

Acq: 20 Dec 2024 04:58

Instrument :

BNA_N

ClientSampleId :

RE120D1-20241210

Tgt Ion:136 Resp: 7549

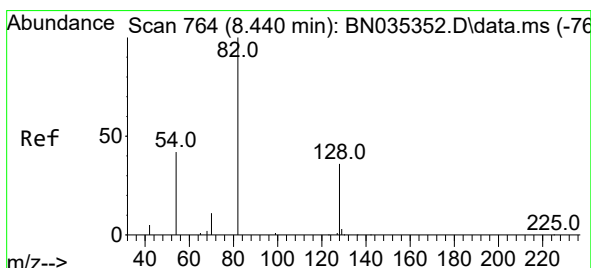
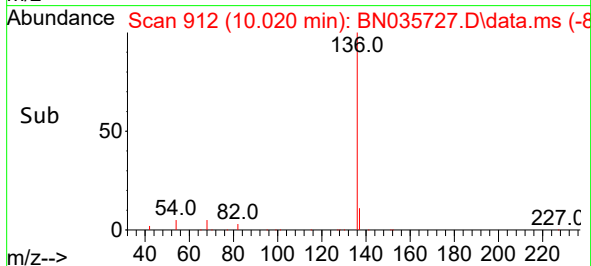
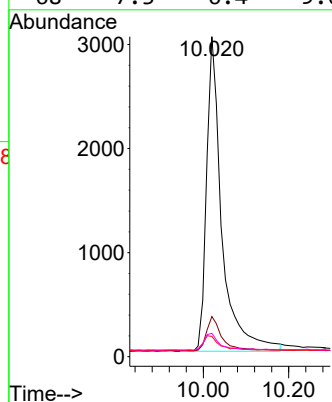
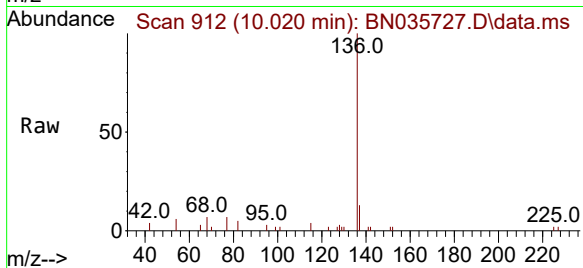
Ion Ratio Lower Upper

136 100

137 12.6 10.2 15.2

54 6.4 6.1 9.1

68 7.3 6.4 9.6



#8

Nitrobenzene-d5

Concen: 0.456 ng

RT: 8.418 min Scan# 762

Delta R.T. 0.010 min

Lab File: BN035727.D

Acq: 20 Dec 2024 04:58

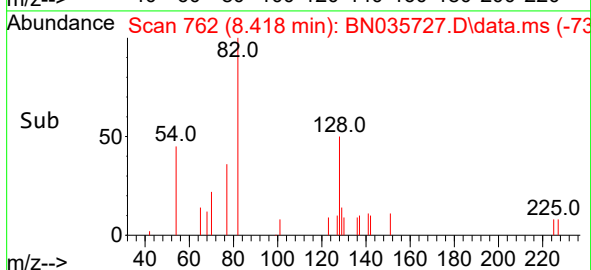
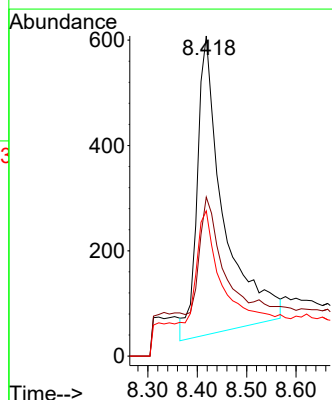
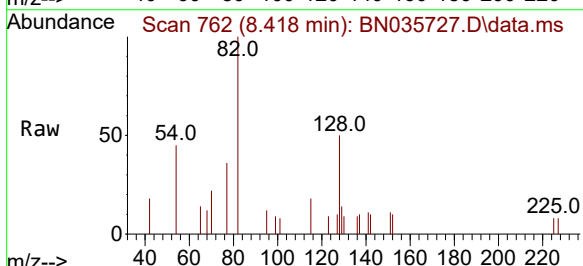
Tgt Ion: 82 Resp: 2104

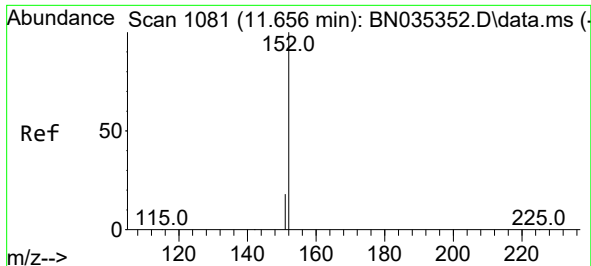
Ion Ratio Lower Upper

82 100

128 49.7 33.4 50.0

54 45.4 36.7 55.1

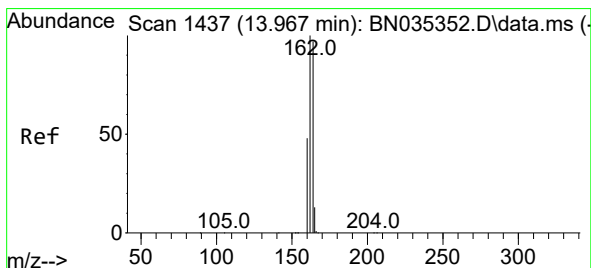
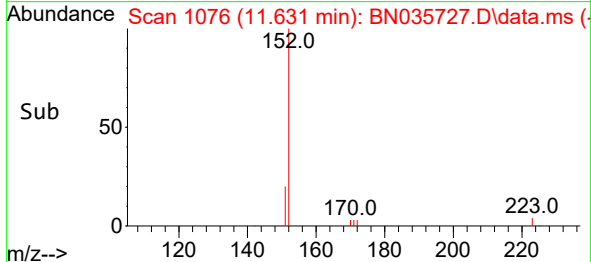
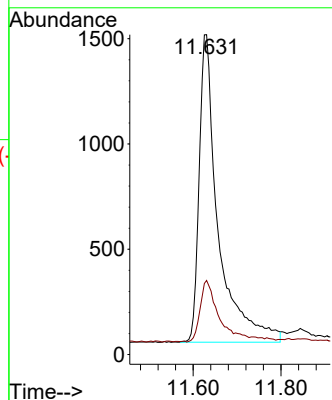
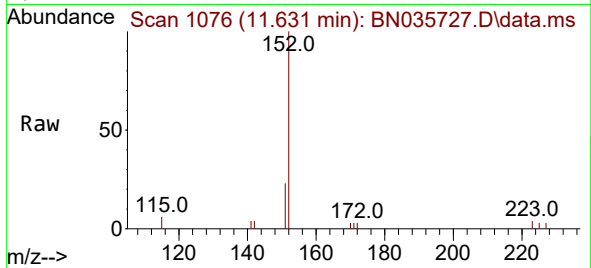




#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 11.631 min Scan# 1076
Delta R.T. 0.010 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

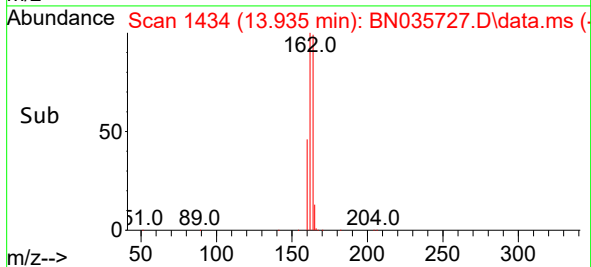
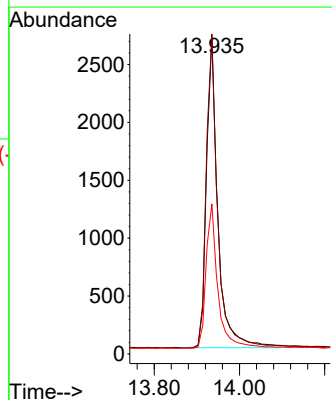
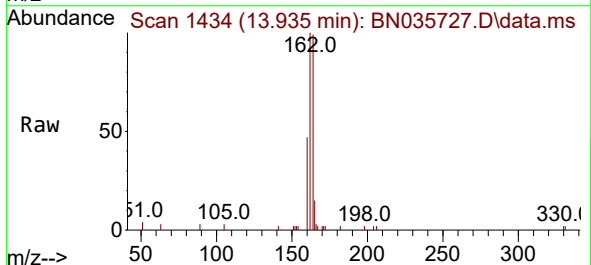
Instrument :
BNA_N
ClientSampleId :
RE120D1-20241210

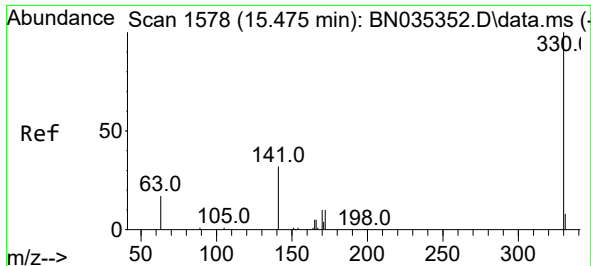
Tgt Ion:152 Resp: 4408
Ion Ratio Lower Upper
152 100
151 19.6 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

Tgt Ion:164 Resp: 4981
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 47.5 40.1 60.1

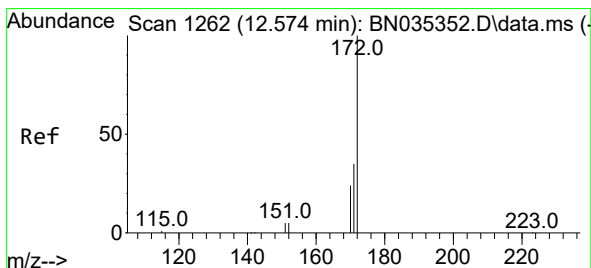
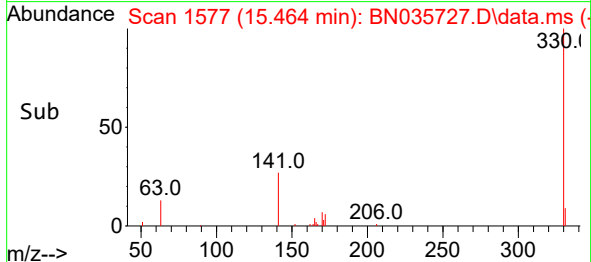
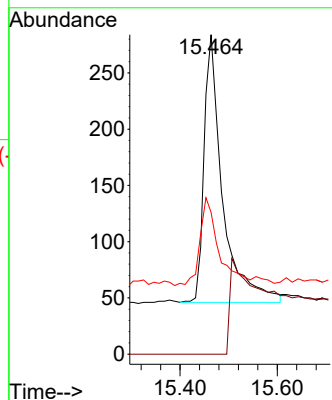
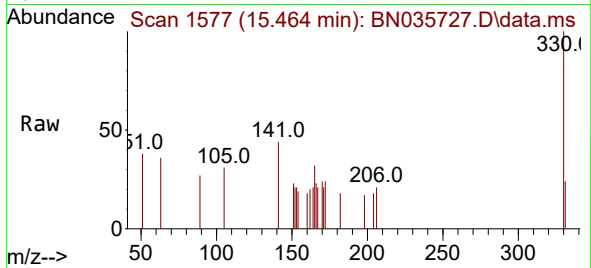




#14
2,4,6-Tribromophenol
Concen: 0.187 ng
RT: 15.464 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

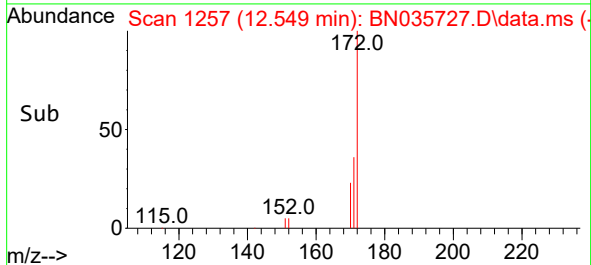
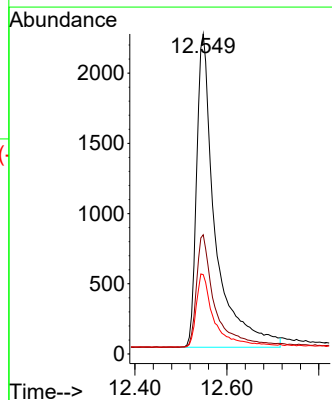
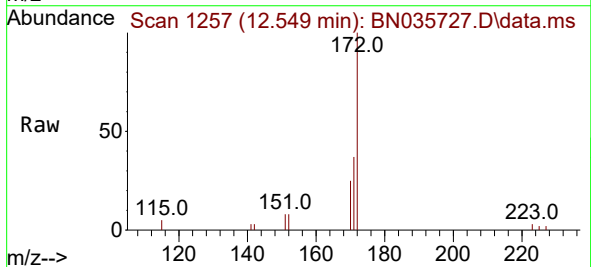
Instrument :
BNA_N
ClientSampleId :
RE120D1-20241210

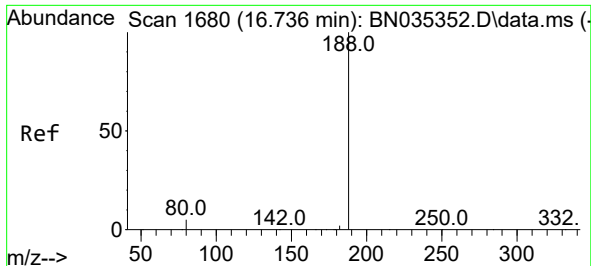
Tgt Ion:330 Resp: 660
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.4 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.549 min Scan# 1257
Delta R.T. 0.005 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

Tgt Ion:172 Resp: 6271
Ion Ratio Lower Upper
172 100
171 37.3 29.0 43.4
170 24.8 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.711 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN035727.D

Acq: 20 Dec 2024 04:58

Instrument :

BNA_N

ClientSampleId :

RE120D1-20241210

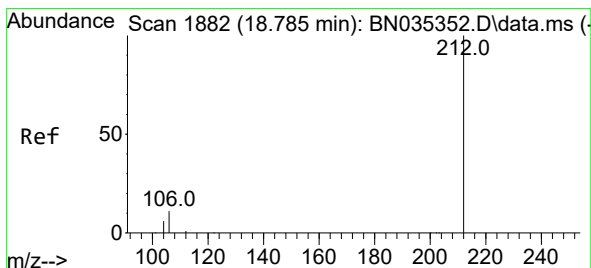
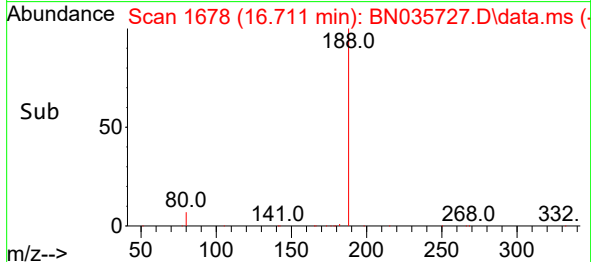
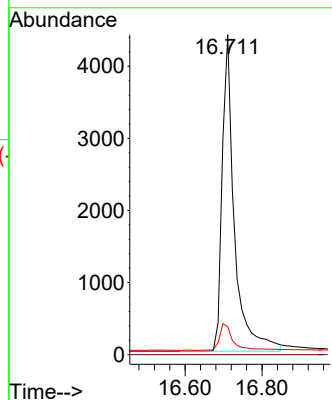
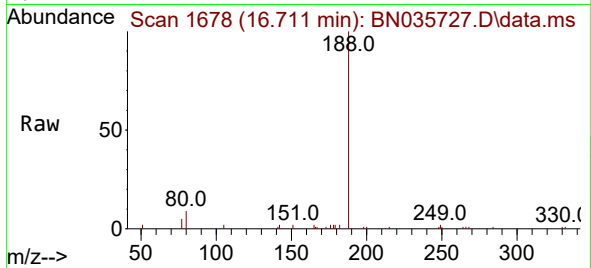
Tgt Ion:188 Resp: 9724

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 4.6 6.8#



#27

Fluoranthene-d10

Concen: 0.405 ng

RT: 18.761 min Scan# 1877

Delta R.T. -0.000 min

Lab File: BN035727.D

Acq: 20 Dec 2024 04:58

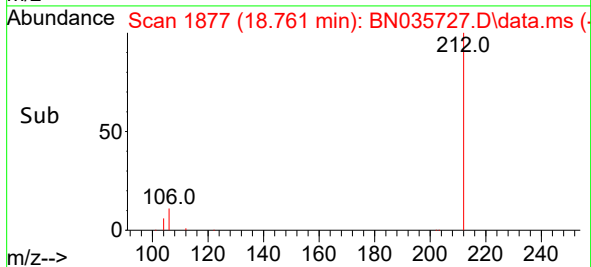
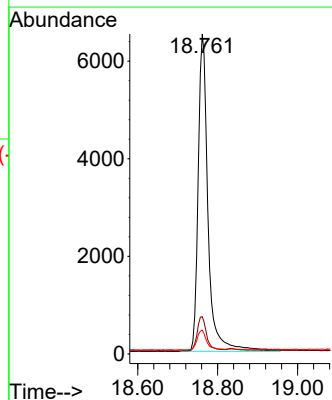
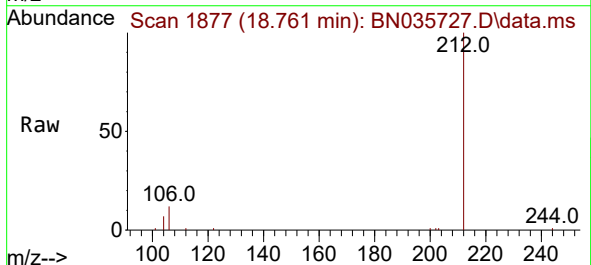
Tgt Ion:212 Resp: 11167

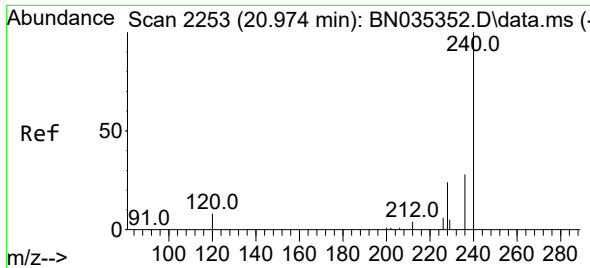
Ion Ratio Lower Upper

212 100

106 10.4 9.2 13.8

104 5.9 5.3 7.9

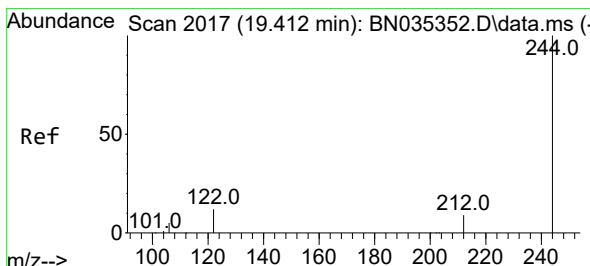
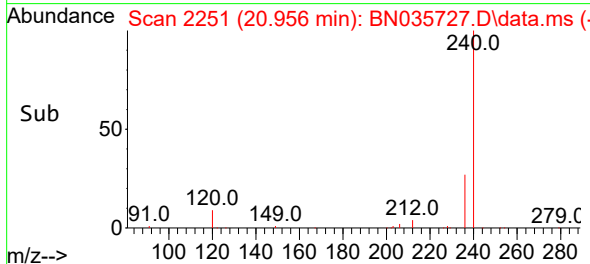
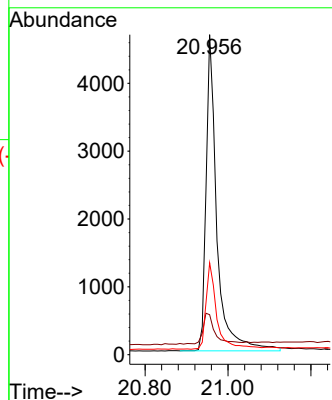
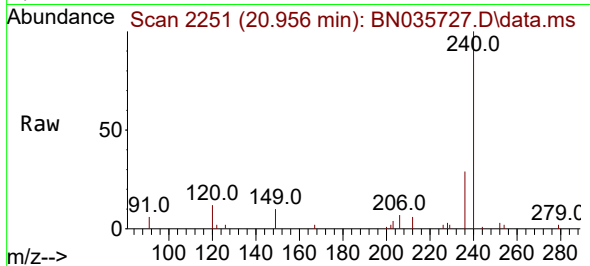




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

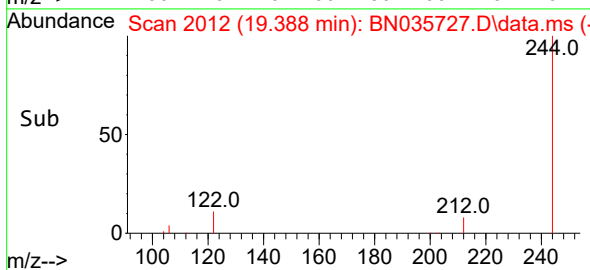
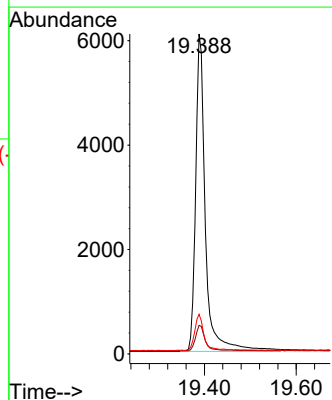
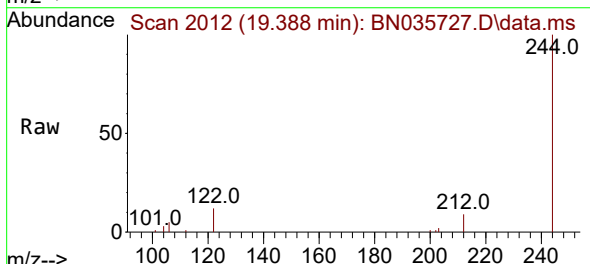
Instrument :
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RE120D1-20241210

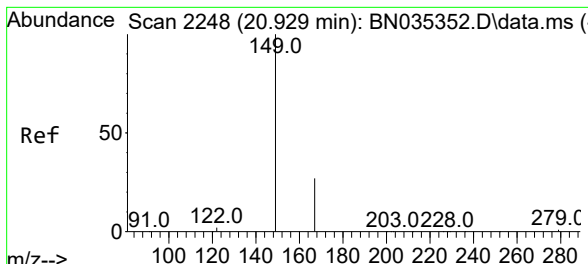
Tgt Ion:240 Resp: 8463
Ion Ratio Lower Upper
240 100
120 12.5 7.9 11.9#
236 28.7 22.9 34.3



#31
Terphenyl-d14
Concen: 0.538 ng
RT: 19.388 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

Tgt Ion:244 Resp: 8979
Ion Ratio Lower Upper
244 100
212 9.0 8.1 12.1
122 12.4 10.3 15.5



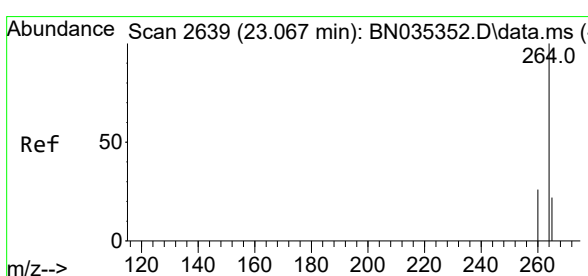
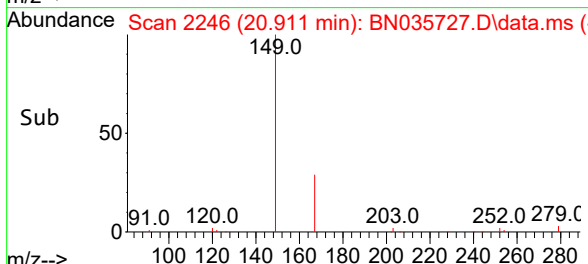
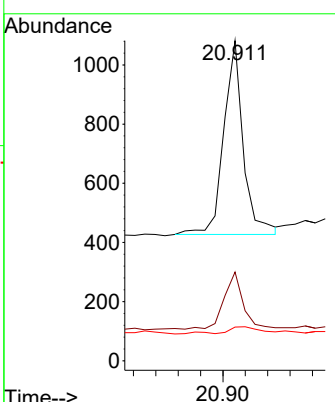
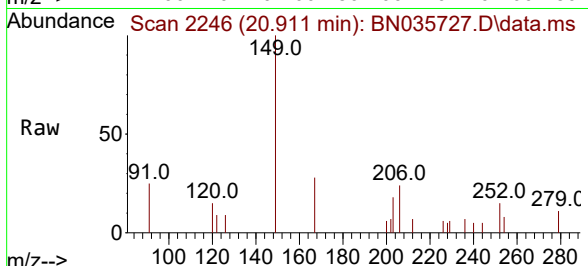


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 20.911 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN035727.D
 Acq: 20 Dec 2024 04:58

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20241210

Tgt Ion:149 Resp: 793

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.2	33.4
279	6.4	2.7	4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.044 min Scan# 2631
 Delta R.T. 0.003 min
 Lab File: BN035727.D
 Acq: 20 Dec 2024 04:58

Tgt Ion:264 Resp: 8724

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.4	32.2
265	76.1	40.2	60.4

