

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035718.D
 Acq On : 19 Dec 2024 23:34
 Operator : RC/JU
 Sample : P5261-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20241209

Quant Time: Dec 20 00:06:25 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

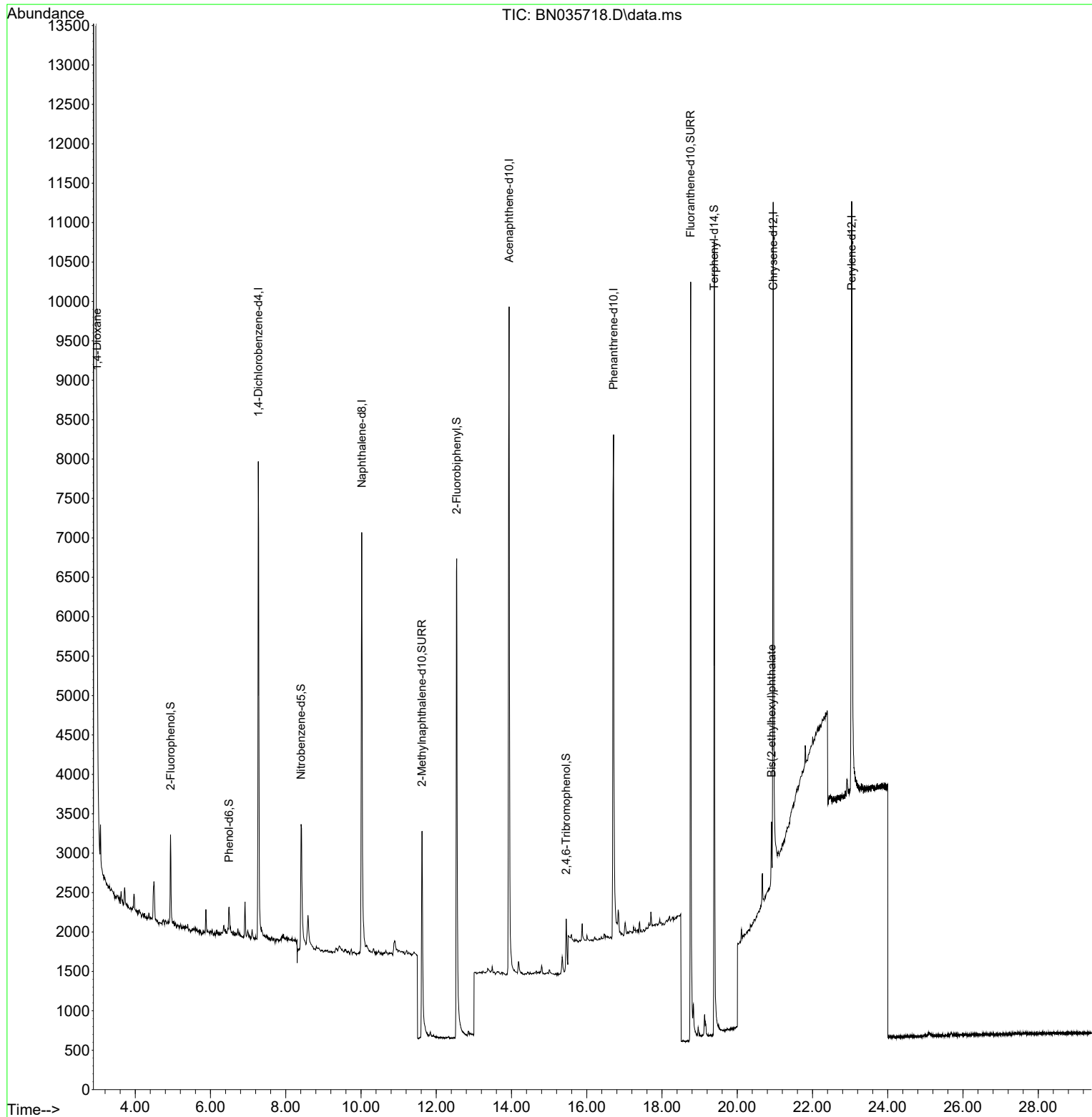
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	3198	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8727	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5748	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	12085	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	10091	0.400	ng	0.00
35) Perylene-d12	23.041	264	11286	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	982	0.123	ng	0.00
5) Phenol-d6	6.492	99	553	0.057	ng	0.00
8) Nitrobenzene-d5	8.408	82	2382	0.447	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	5118	0.375	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	836	0.205	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	7434	0.342	ng	0.00
27) Fluoranthene-d10	18.761	212	12863	0.375	ng	0.00
31) Terphenyl-d14	19.389	244	11596	0.583	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	1342	0.439	ng	92
34) Bis(2-ethylhexyl)phtha...	20.911	149	812	0.058	ng	# 94

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

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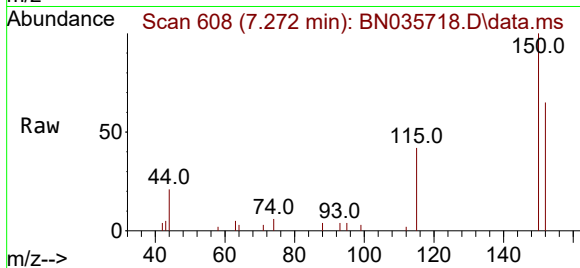
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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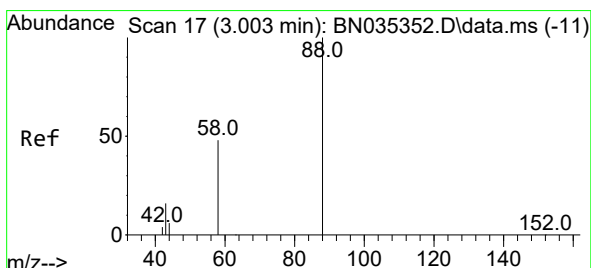
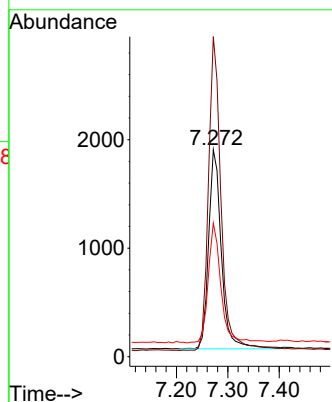
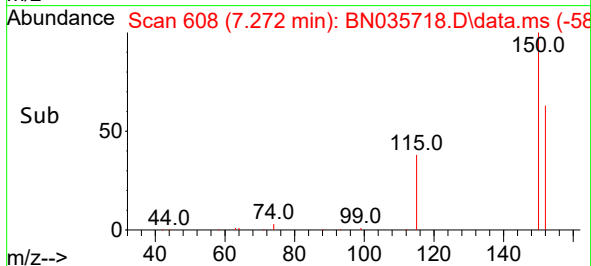


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.272 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN035718.D
 Acq: 19 Dec 2024 23:34

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20241209

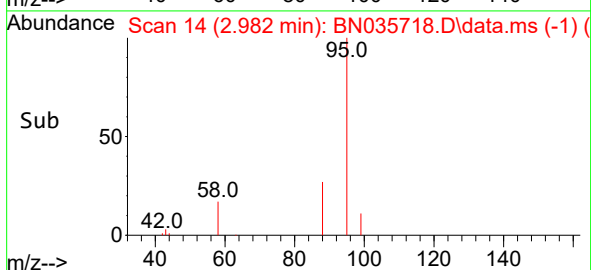
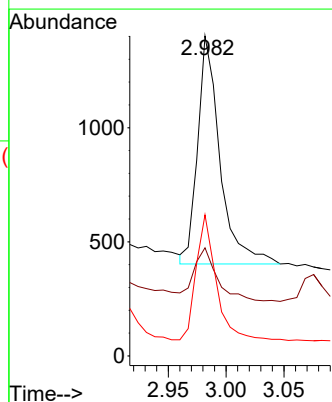
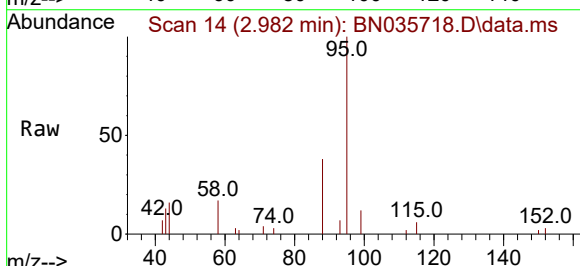


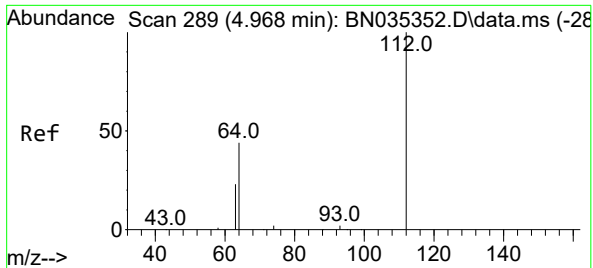
Tgt Ion:152 Resp: 3198
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.0 186.0
 115 64.6 49.6 74.4



#2
 1,4-Dioxane
 Concen: 0.439 ng
 RT: 2.982 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035718.D
 Acq: 19 Dec 2024 23:34

Tgt Ion: 88 Resp: 1342
 Ion Ratio Lower Upper
 88 100
 43 24.7 17.2 25.8
 58 49.8 44.5 66.7

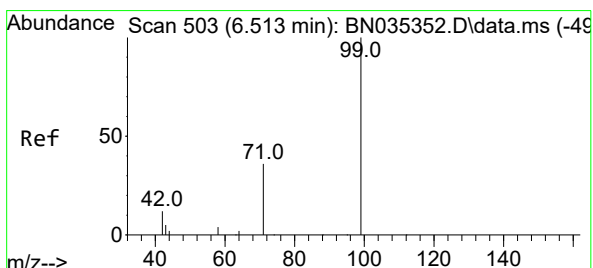
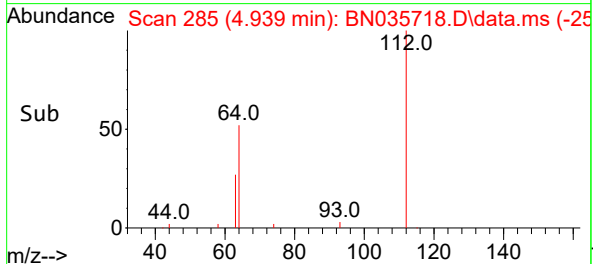
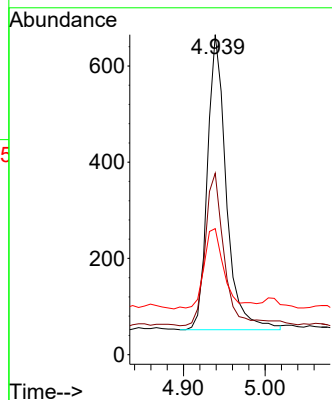
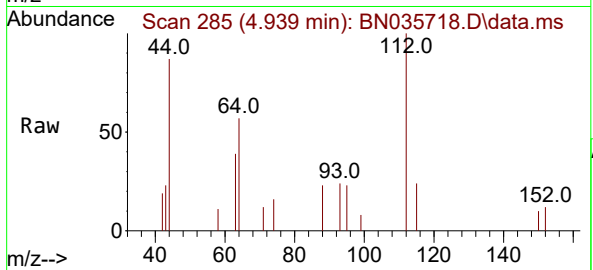




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 4.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

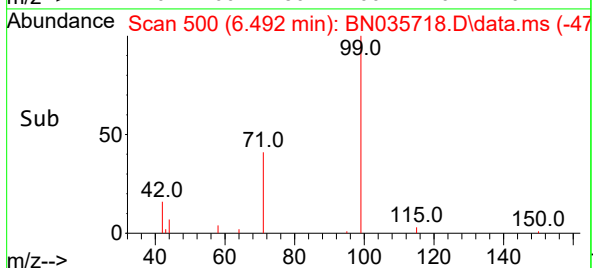
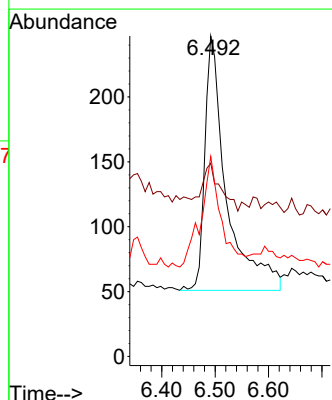
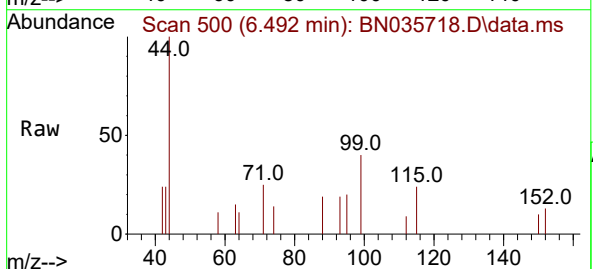
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BNA_N
ClientSampleId :
RE103D2-20241209

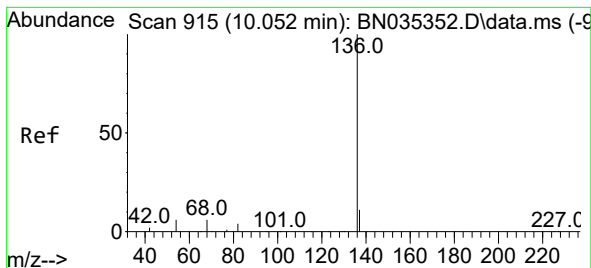
Tgt Ion:	112	Resp:	982
Ion Ratio	Lower	Upper	
112	100		
64	53.5	39.8	59.8
63	30.4	21.0	31.6



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.492 min Scan# 500
Delta R.T. 0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

Tgt Ion:	99	Resp:	553
Ion Ratio	Lower	Upper	
99	100		
42	17.2	11.4	17.2#
71	40.1	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: BN035718.D

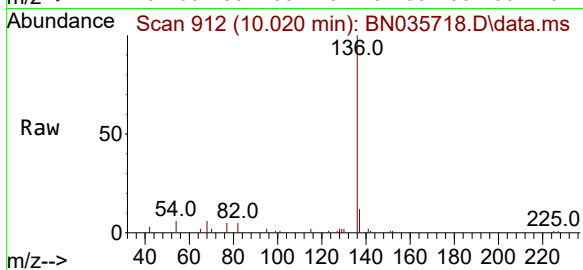
Acq: 19 Dec 2024 23:34

Instrument :

BNA_N

ClientSampleId :

RE103D2-20241209



Tgt Ion:136 Resp: 8727

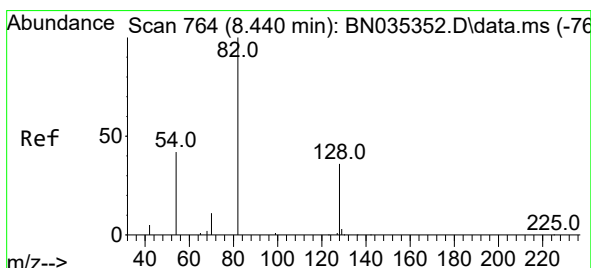
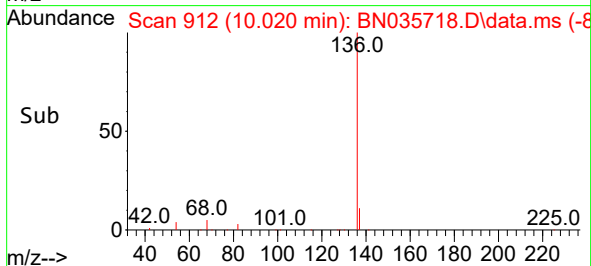
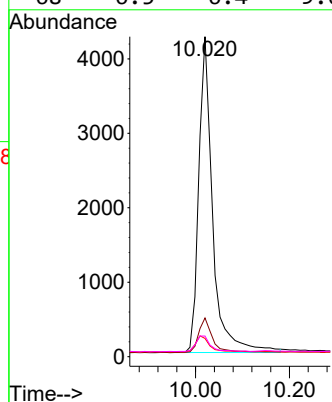
Ion Ratio Lower Upper

136 100

137 12.1 10.2 15.2

54 5.7 6.1 9.1#

68 6.5 6.4 9.6



#8

Nitrobenzene-d5

Concen: 0.447 ng

RT: 8.408 min Scan# 761

Delta R.T. -0.000 min

Lab File: BN035718.D

Acq: 19 Dec 2024 23:34

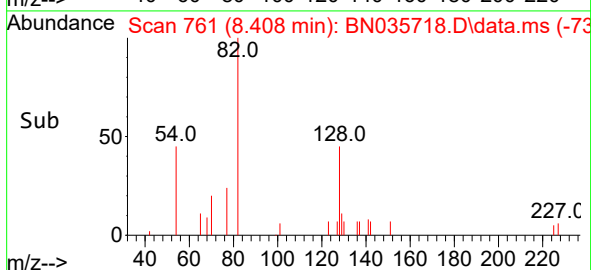
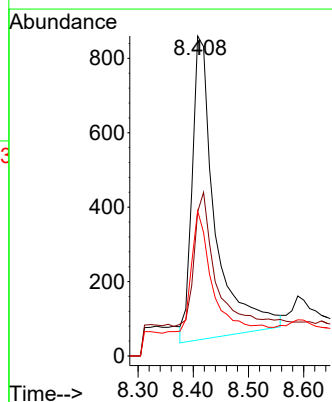
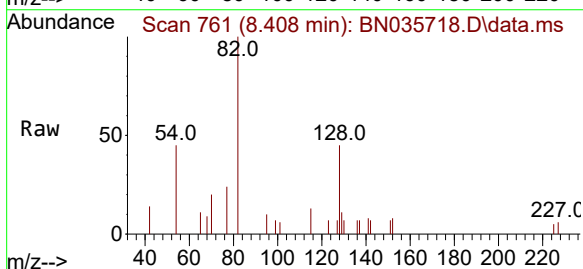
Tgt Ion: 82 Resp: 2382

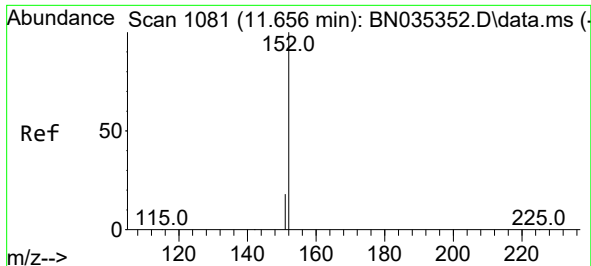
Ion Ratio Lower Upper

82 100

128 45.0 33.4 50.0

54 45.3 36.7 55.1

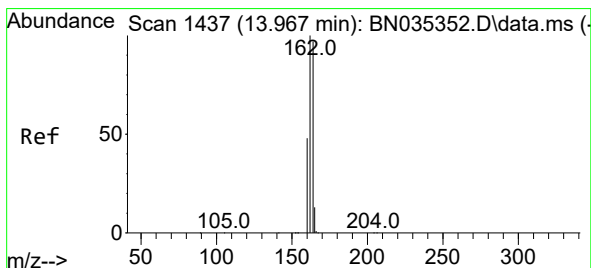
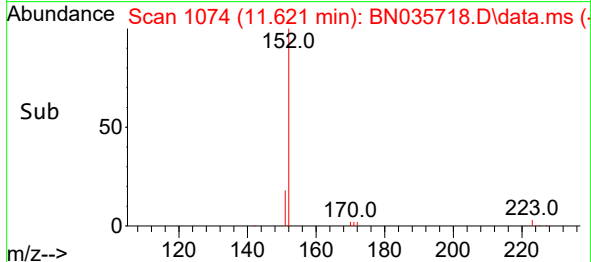
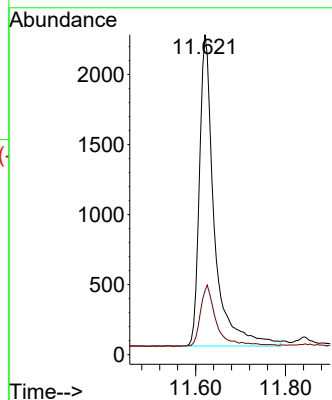
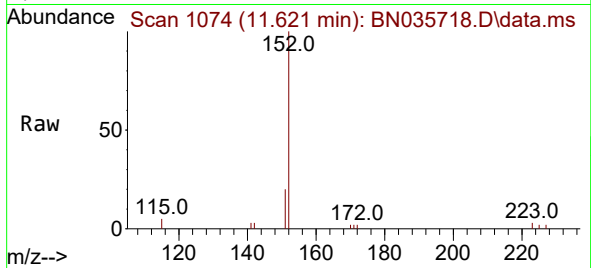




#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 11.621 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

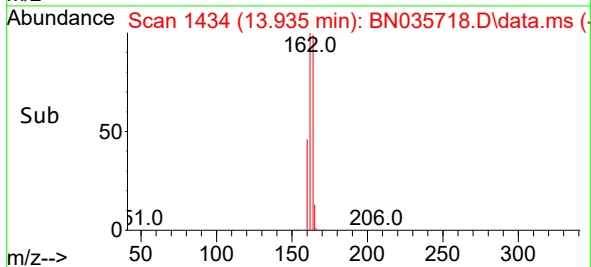
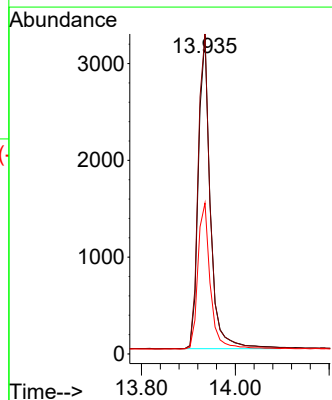
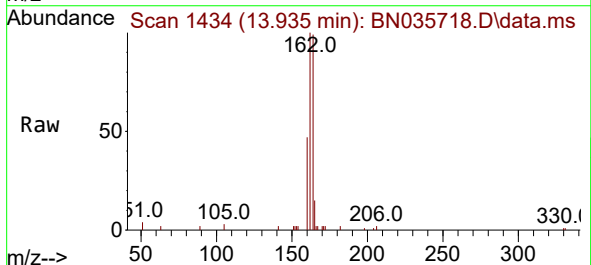
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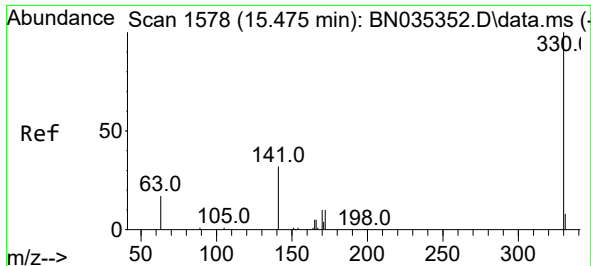
Tgt Ion:152 Resp: 5118
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

Tgt Ion:164 Resp: 5748
Ion Ratio Lower Upper
164 100
162 100.6 82.2 123.2
160 47.4 40.1 60.1

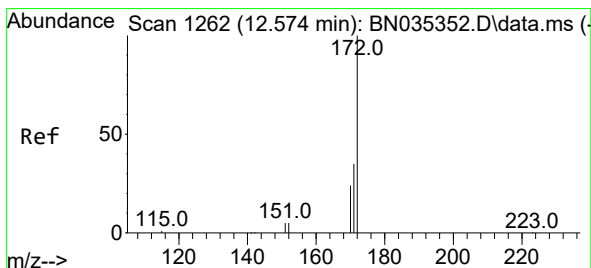
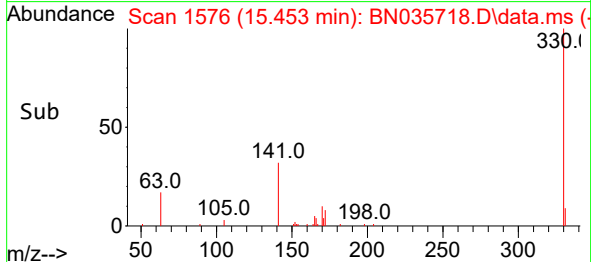
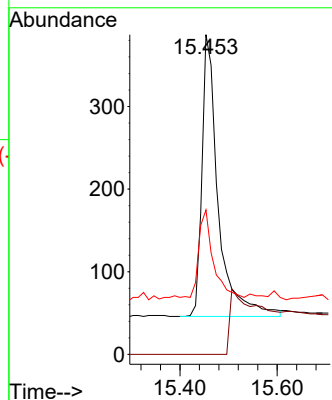
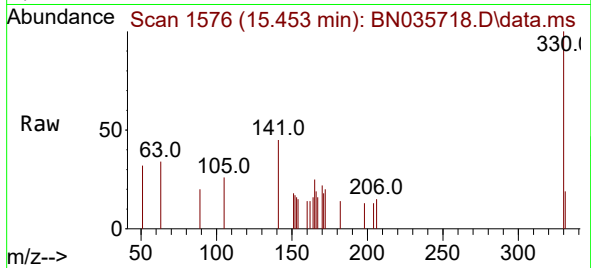




#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

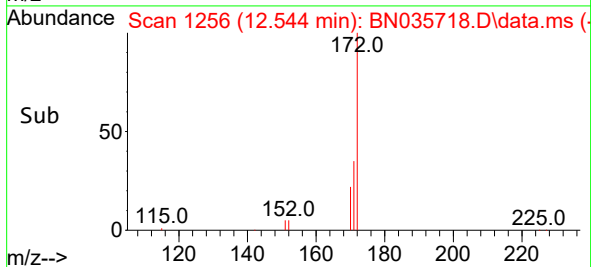
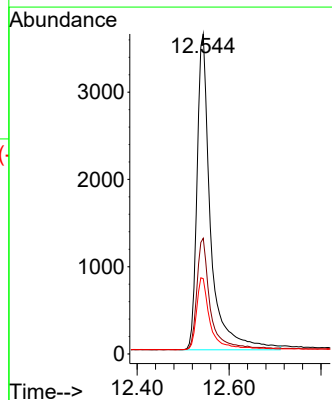
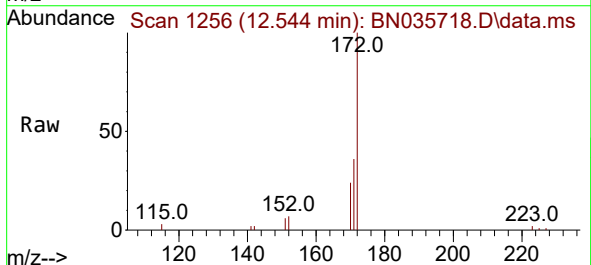
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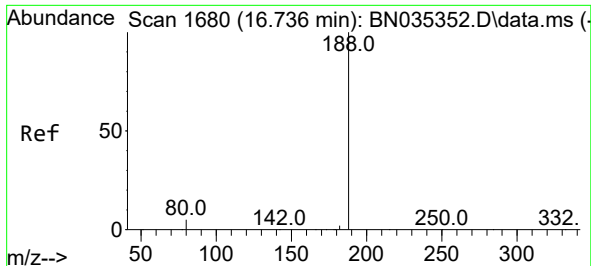
Tgt Ion:330 Resp: 836
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.0 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.544 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

Tgt Ion:172 Resp: 7434
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 23.5 19.8 29.8

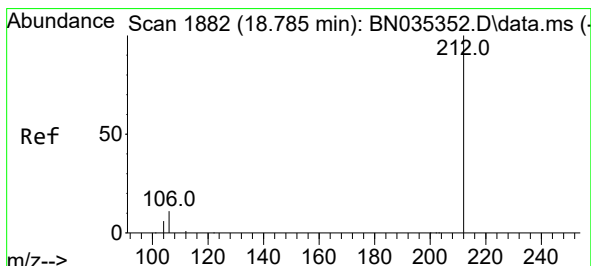
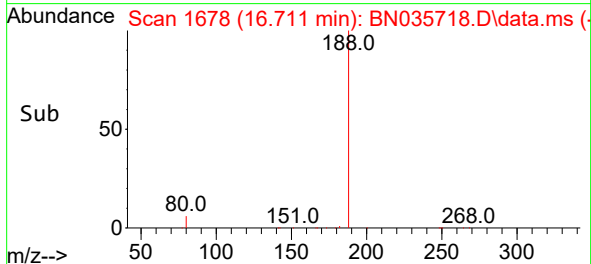
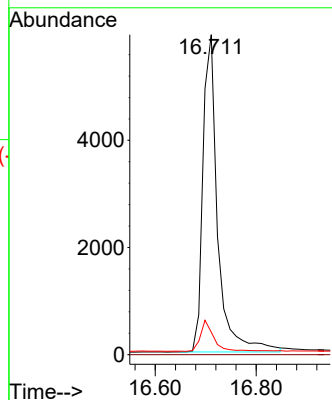
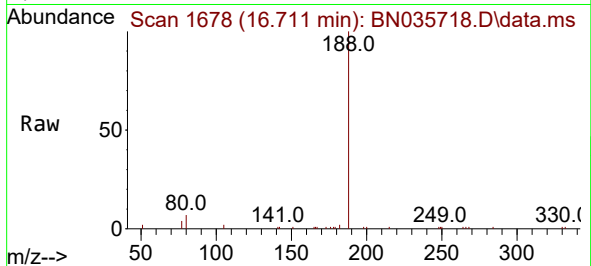




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

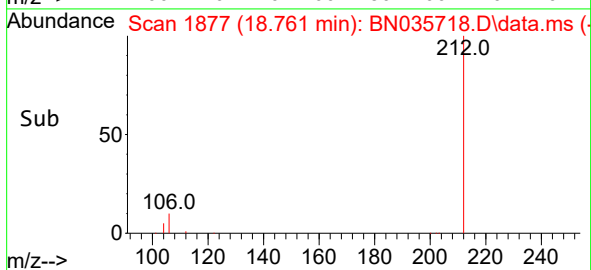
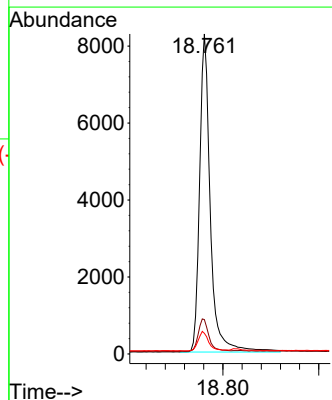
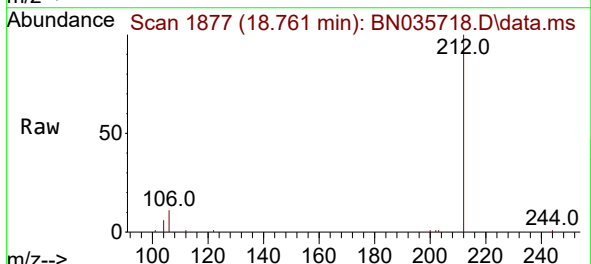
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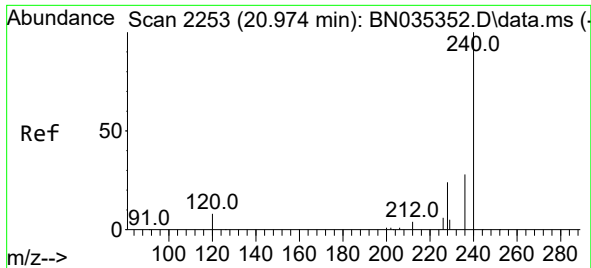
Tgt Ion:188 Resp: 12085
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 4.6 6.8#



#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

Tgt Ion:212 Resp: 12863
Ion Ratio Lower Upper
212 100
106 10.2 9.2 13.8
104 5.8 5.3 7.9

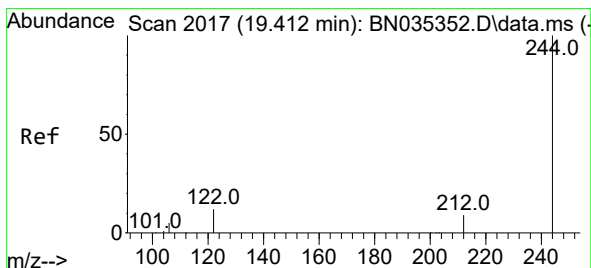
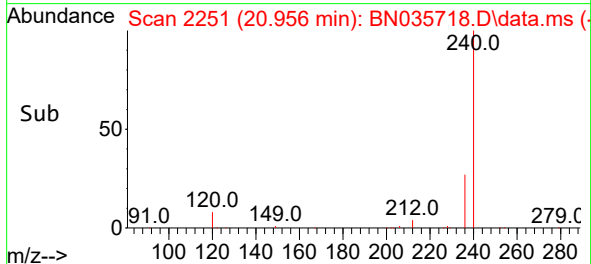
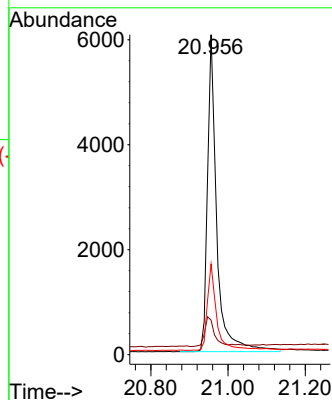
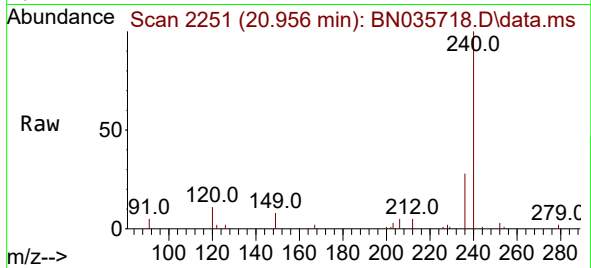




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

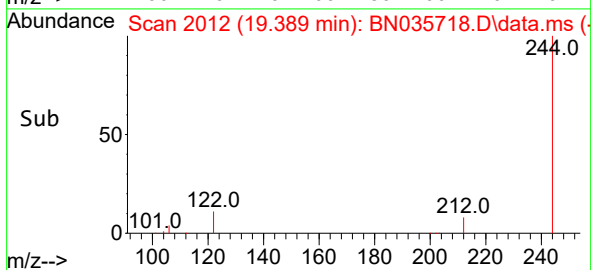
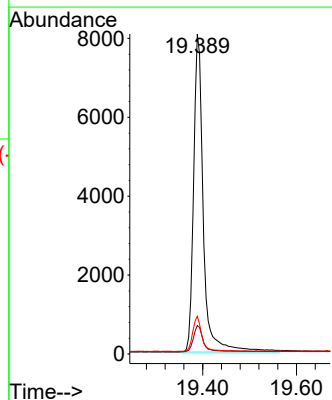
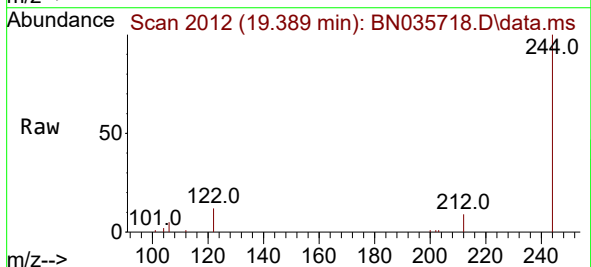
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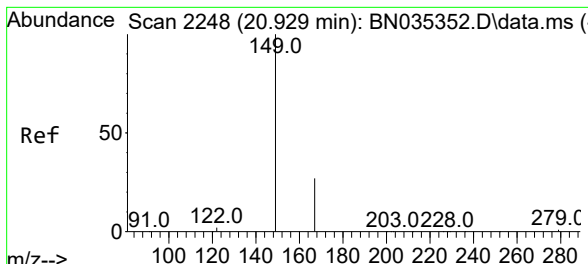
Tgt Ion:240 Resp: 10091
Ion Ratio Lower Upper
240 100
120 10.8 7.9 11.9
236 28.3 22.9 34.3



#31
Terphenyl-d14
Concen: 0.583 ng
RT: 19.389 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

Tgt Ion:244 Resp: 11596
Ion Ratio Lower Upper
244 100
212 8.9 8.1 12.1
122 11.8 10.3 15.5

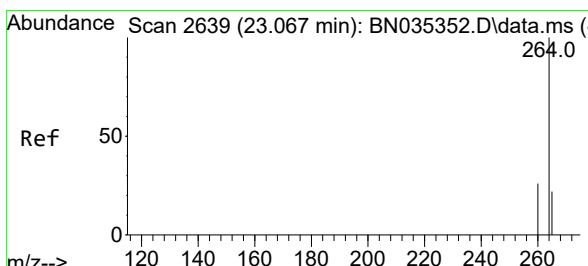
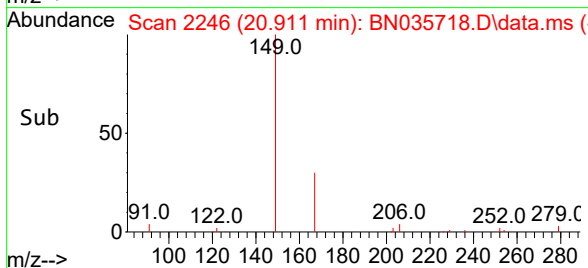
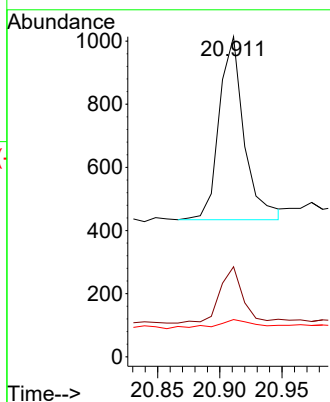
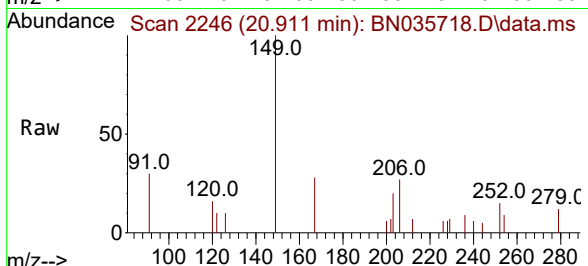




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 20.911 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN035718.D
 Acq: 19 Dec 2024 23:34

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20241209

Tgt Ion:	149	Resp:	812
Ion Ratio	Lower	Upper	
149	100		
167	30.3	22.2	33.4
279	7.8	2.7	4.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.041 min Scan# 2630
 Delta R.T. -0.000 min
 Lab File: BN035718.D
 Acq: 19 Dec 2024 23:34

Tgt Ion:	264	Resp:	11286
Ion Ratio	Lower	Upper	
264	100		
260	26.2	21.4	32.2
265	64.9	40.2	60.4#

