

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035743.D
 Acq On : 20 Dec 2024 15:54
 Operator : RC/JU
 Sample : P5317-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20241216

Quant Time: Dec 20 17:13:24 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)

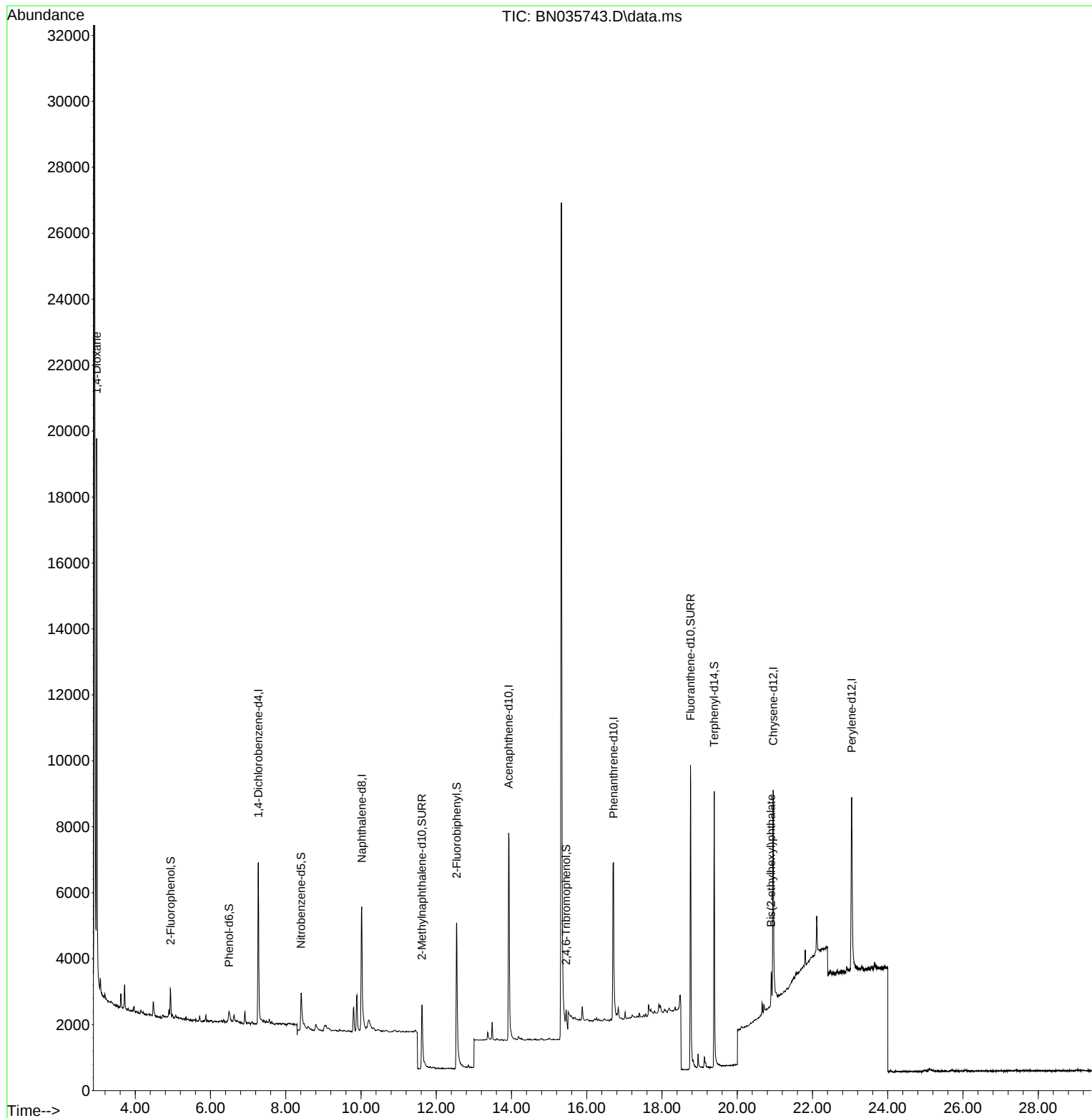
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	2642	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7055	0.400	ng	0.00
13) Acenaphthene-d10	13.925	164	4649	0.400	ng	-0.01
19) Phenanthrene-d10	16.711	188	9628	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	8017	0.400	ng	0.00
35) Perylene-d12	23.041	264	8108	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	816	0.123	ng	0.00
5) Phenol-d6	6.492	99	528	0.066	ng	0.00
8) Nitrobenzene-d5	8.408	82	2957	0.686	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	4299	0.389	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	653	0.198	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	6245	0.355	ng	0.00
27) Fluoranthene-d10	18.757	212	12171	0.446	ng	0.00
31) Terphenyl-d14	19.389	244	9783	0.619	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	10619	4.204	ng	100
34) Bis(2-ethylhexyl)phtha...	20.902	149	943	0.085	ng	# 98

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

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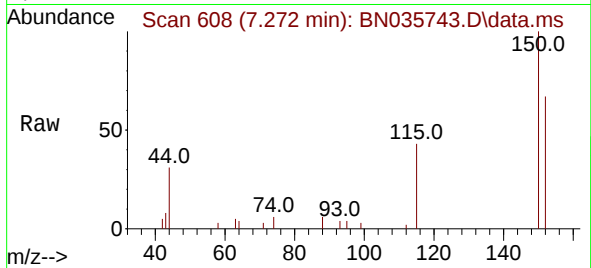
Quant Time: Dec 20 17:13:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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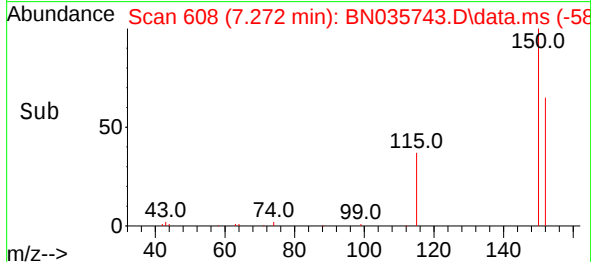
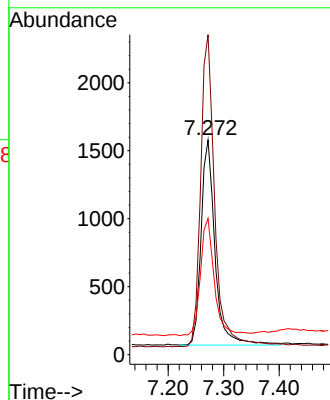


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

Instrument :
BNA_N
ClientSampleId :
RE114D2-20241216

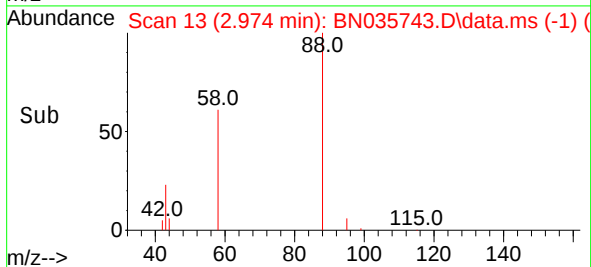
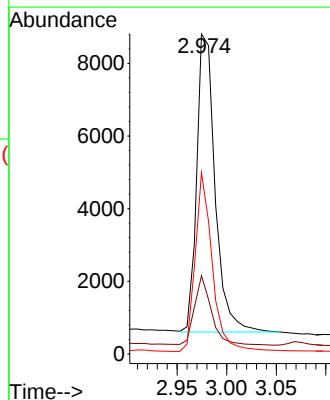
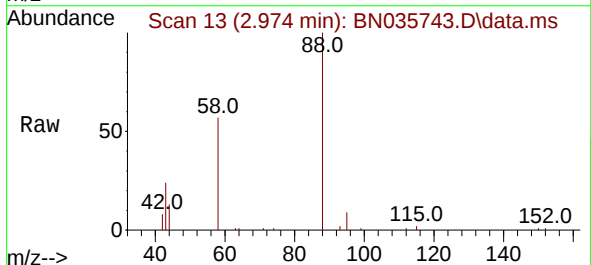


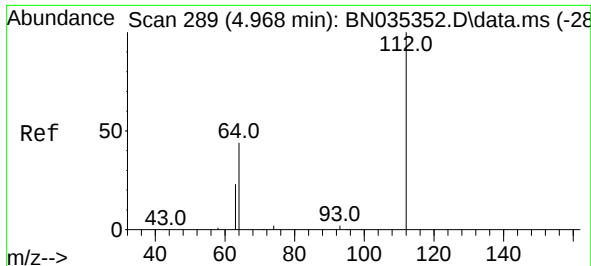
Tgt Ion:152 Resp: 2642
Ion Ratio Lower Upper
152 100
150 149.2 124.0 186.0
115 63.4 49.6 74.4



#2
1,4-Dioxane
Concen: 4.204 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

Tgt Ion: 88 Resp: 10619
Ion Ratio Lower Upper
88 100
43 21.4 17.2 25.8
58 55.5 44.5 66.7

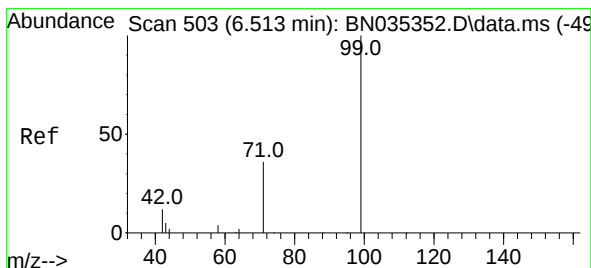
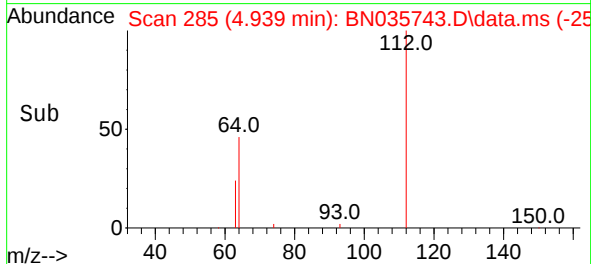
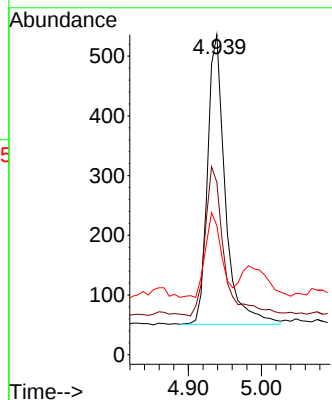
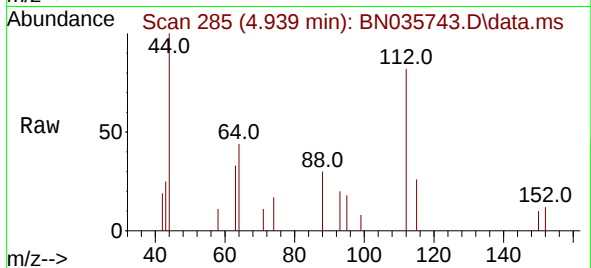




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 4.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

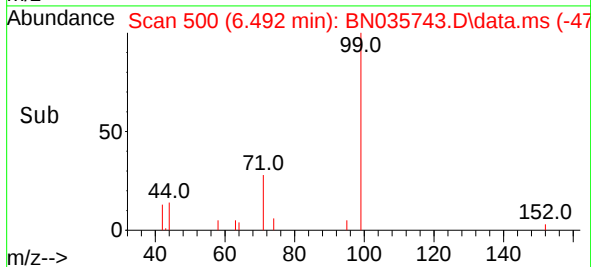
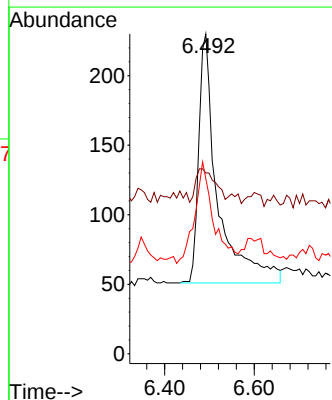
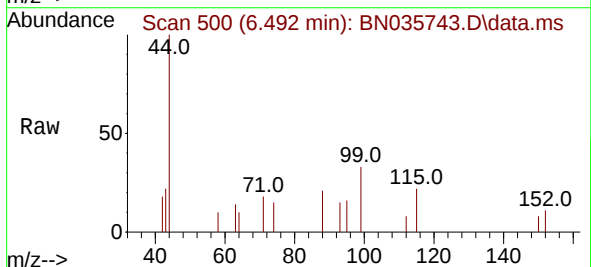
Instrument :
BNA_N
ClientSampleId :
RE114D2-20241216

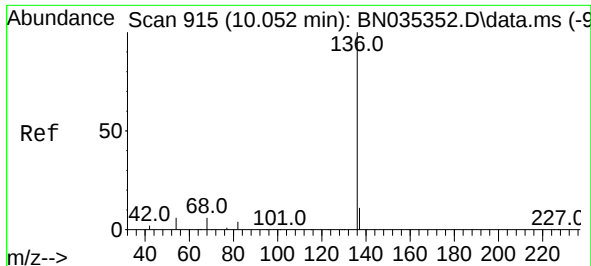
Tgt Ion:	112	Resp:	816
Ion	Ratio	Lower	Upper
112	100		
64	53.3	39.8	59.8
63	25.4	21.0	31.6



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

Tgt Ion:	99	Resp:	528
Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.4	17.2
71	40.3	29.3	43.9

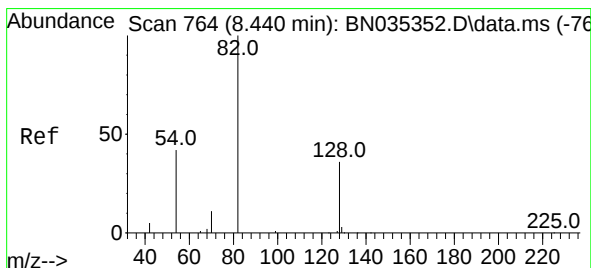
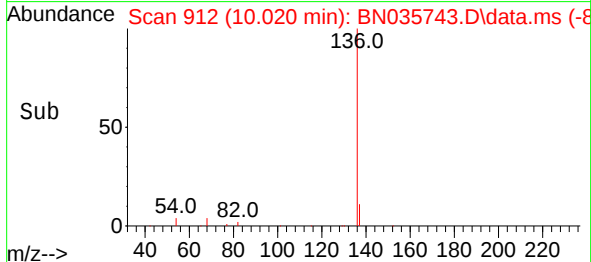
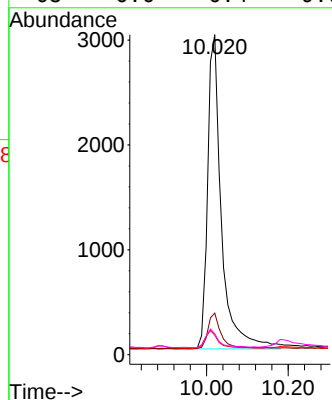
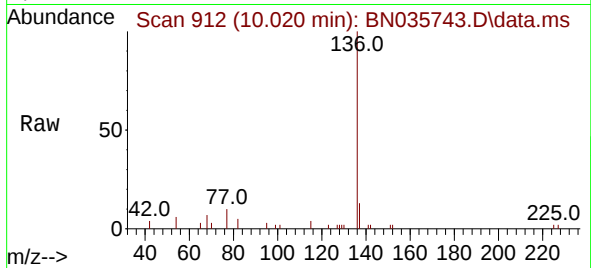




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

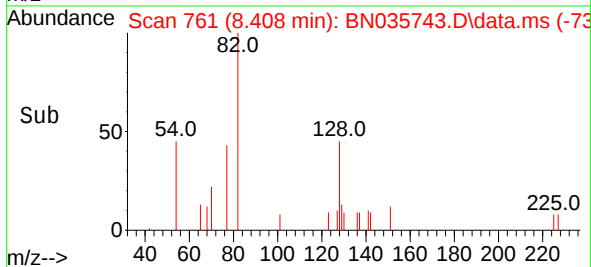
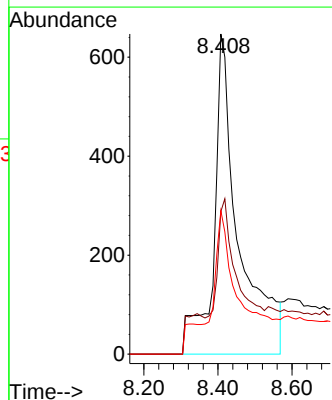
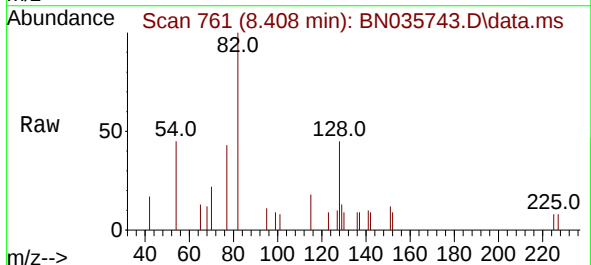
Instrument :
BNA_N
ClientSampleId :
RE114D2-20241216

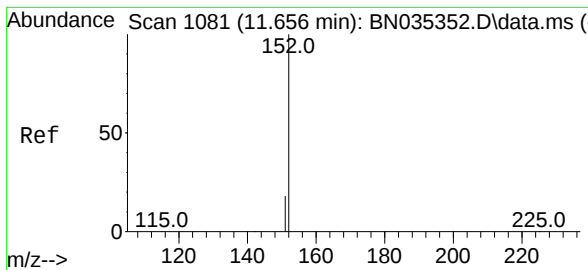
Tgt Ion:136	Resp:	7055
Ion Ratio	Lower	Upper
136	100	
137	13.0	10.2 15.2
54	6.1	6.1 9.1
68	6.6	6.4 9.6



#8
Nitrobenzene-d5
Concen: 0.686 ng
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

Tgt Ion: 82	Resp:	2957
Ion Ratio	Lower	Upper
82	100	
128	44.5	33.4 50.0
54	44.8	36.7 55.1

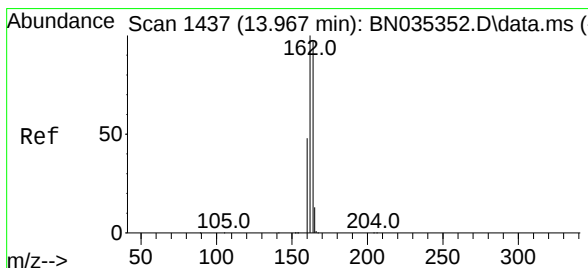
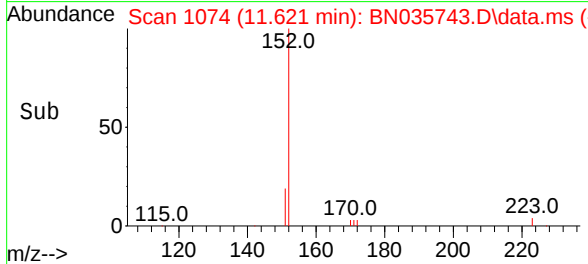
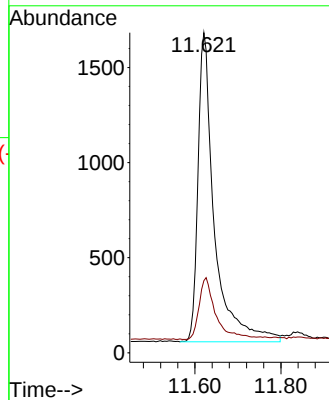
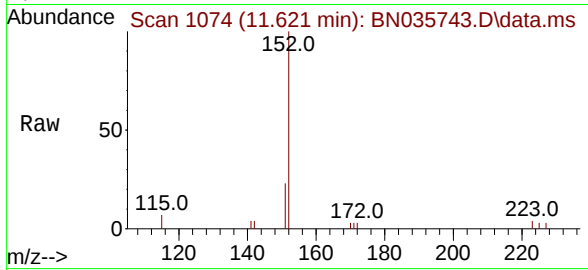




#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 11.621 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

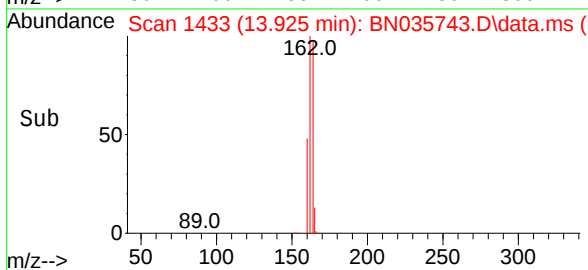
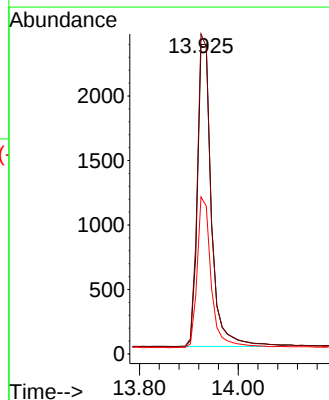
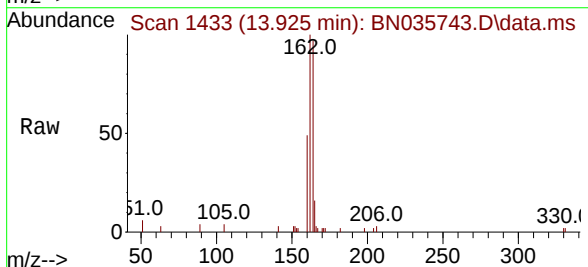
Instrument :
BNA_N
ClientSampleId :
RE114D2-20241216

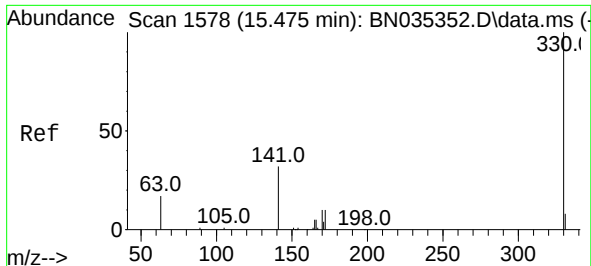
Tgt Ion:152 Resp: 4299
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

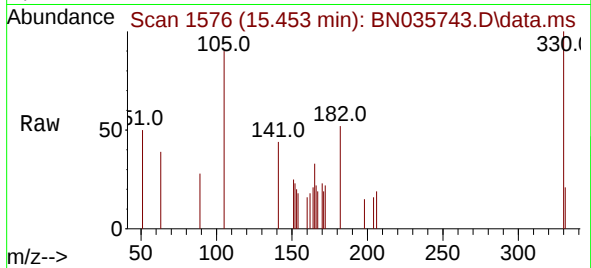
Tgt Ion:164 Resp: 4649
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.2
160 50.7 40.1 60.1



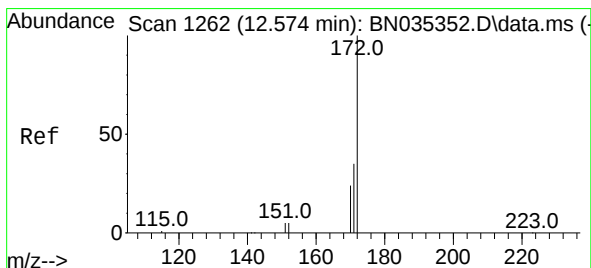
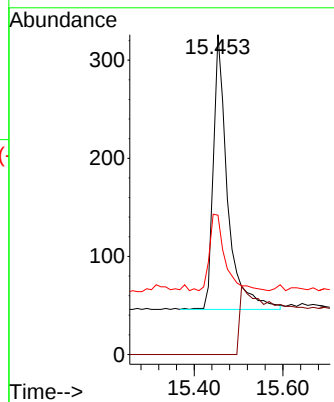
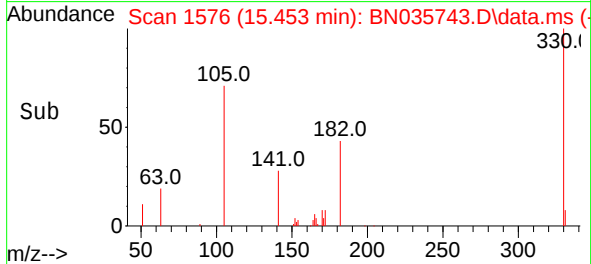


#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

Instrument :
BNA_N
ClientSampleId :
RE114D2-20241216

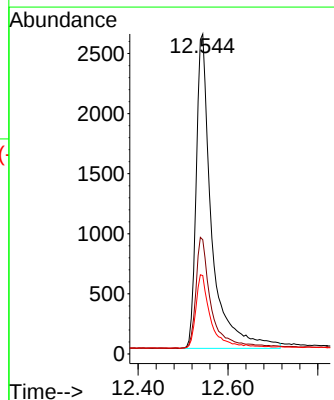
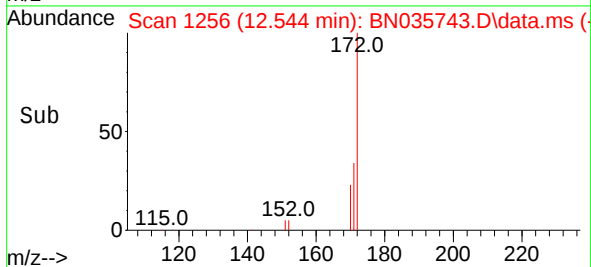
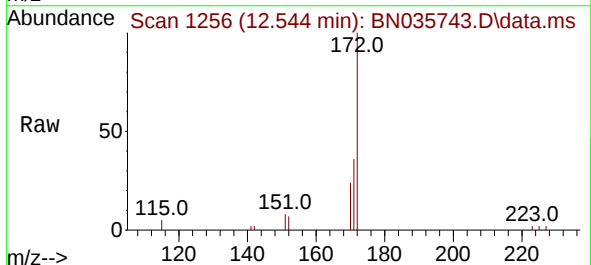


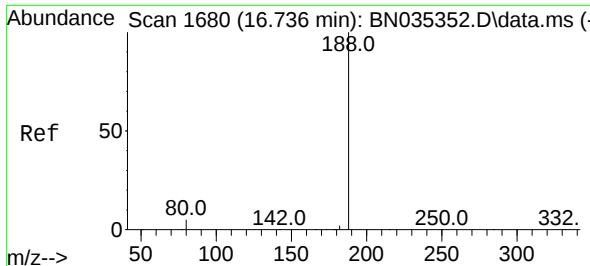
Tgt Ion:330 Resp: 653
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.9 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.544 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

Tgt Ion:172 Resp: 6245
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 24.5 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: BN035743.D

Acq: 20 Dec 2024 15:54

Instrument :

BNA_N

ClientSampleId :

RE114D2-20241216

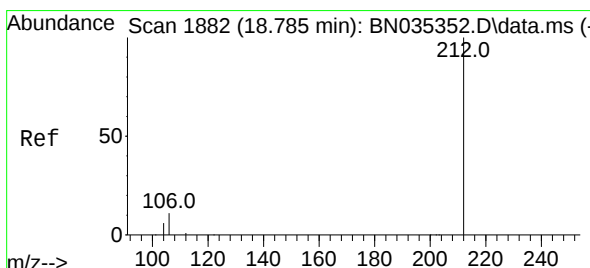
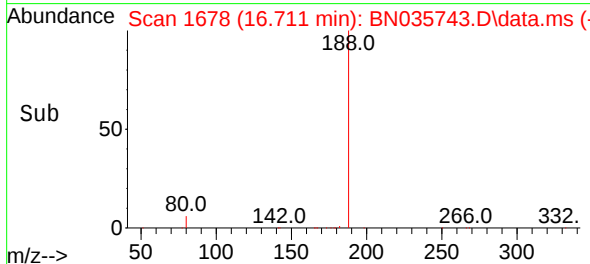
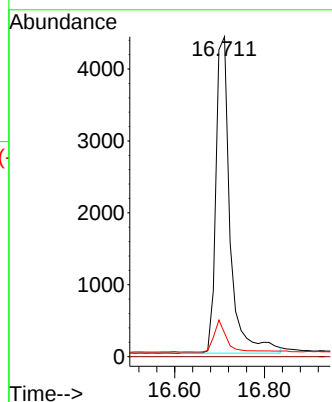
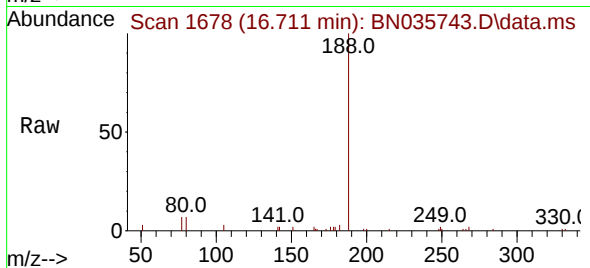
Tgt Ion:188 Resp: 9628

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.4 4.6 6.8#



#27

Fluoranthene-d10

Concen: 0.446 ng

RT: 18.757 min Scan# 1876

Delta R.T. -0.005 min

Lab File: BN035743.D

Acq: 20 Dec 2024 15:54

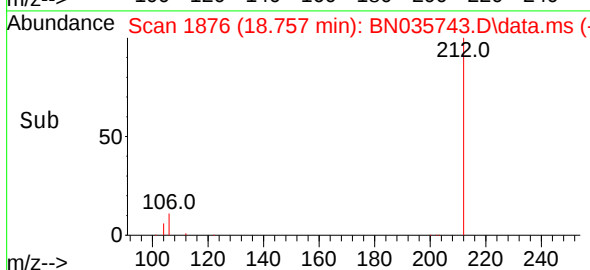
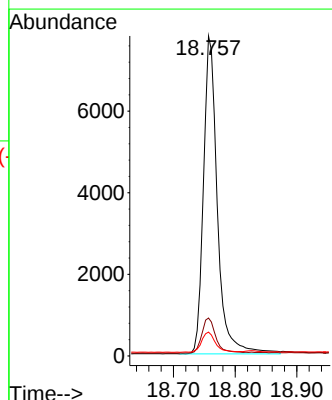
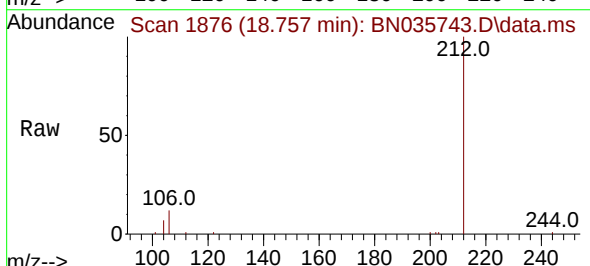
Tgt Ion:212 Resp: 12171

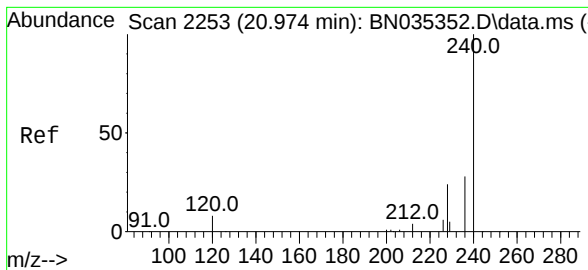
Ion Ratio Lower Upper

212 100

106 11.1 9.2 13.8

104 6.4 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: BN035743.D

Acq: 20 Dec 2024 15:54

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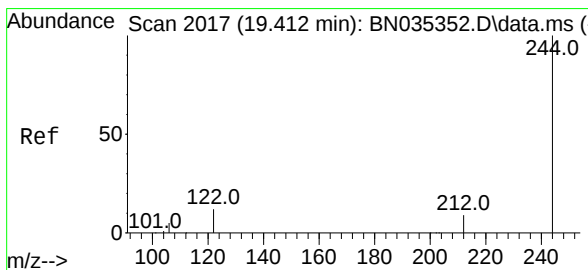
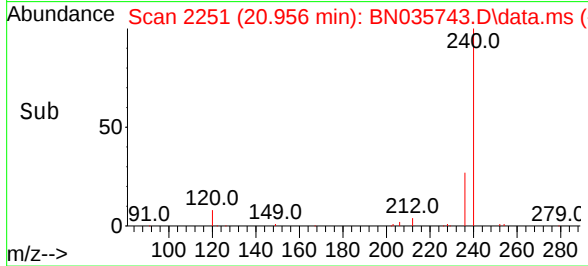
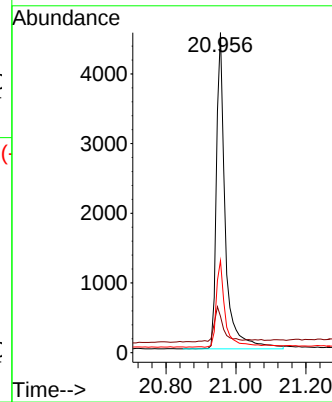
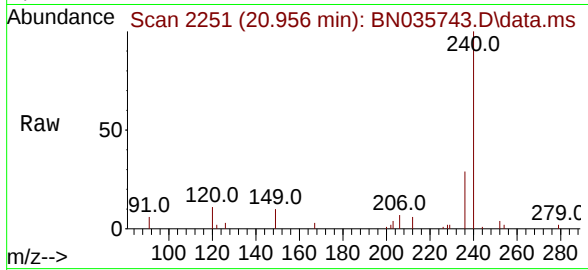
Tgt Ion:240 Resp: 8017

Ion Ratio Lower Upper

240 100

120 11.3 7.9 11.9

236 28.7 22.9 34.3



#31

Terphenyl-d14

Concen: 0.619 ng

RT: 19.389 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BN035743.D

Acq: 20 Dec 2024 15:54

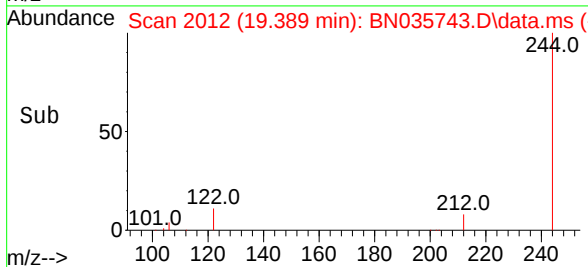
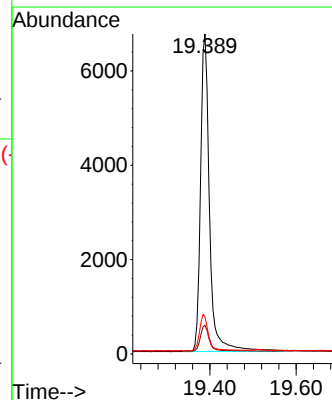
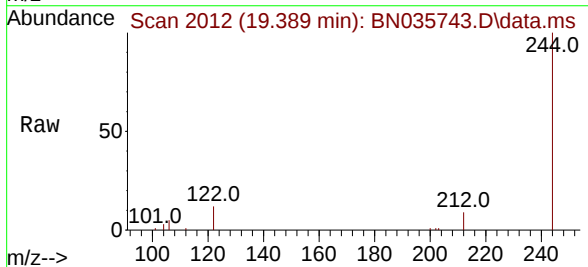
Tgt Ion:244 Resp: 9783

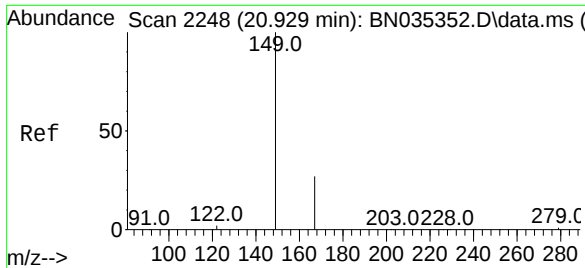
Ion Ratio Lower Upper

244 100

212 9.0 8.1 12.1

122 11.6 10.3 15.5

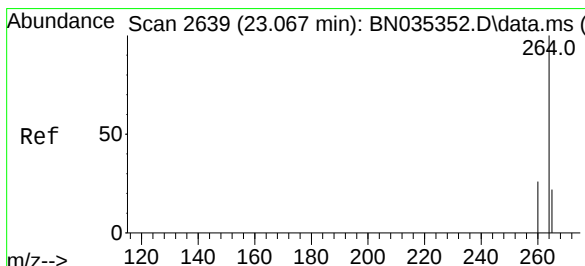
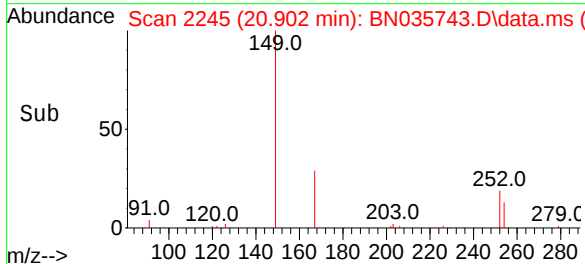
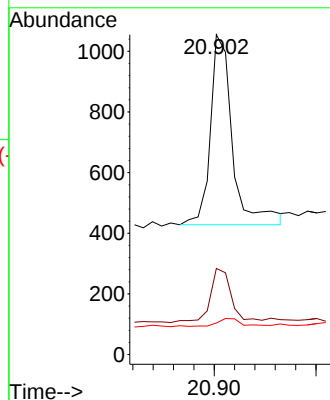
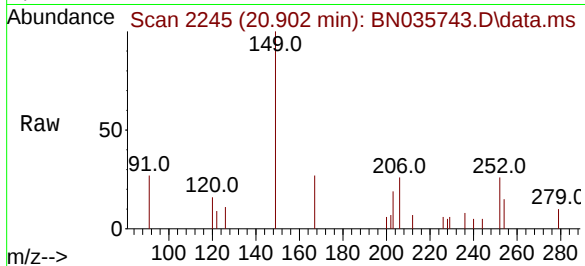




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 20.902 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN035743.D
 Acq: 20 Dec 2024 15:54

Instrument :
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Tgt Ion:149 Resp: 943
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.4
 279 4.6 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: BN035743.D
 Acq: 20 Dec 2024 15:54

Tgt Ion:264 Resp: 8108
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.4 32.2
 265 83.4 40.2 60.4#

