

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035740.D
 Acq On : 20 Dec 2024 14:05
 Operator : RC/JU
 Sample : P5261-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20241210

Quant Time: Dec 20 17:12:33 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)

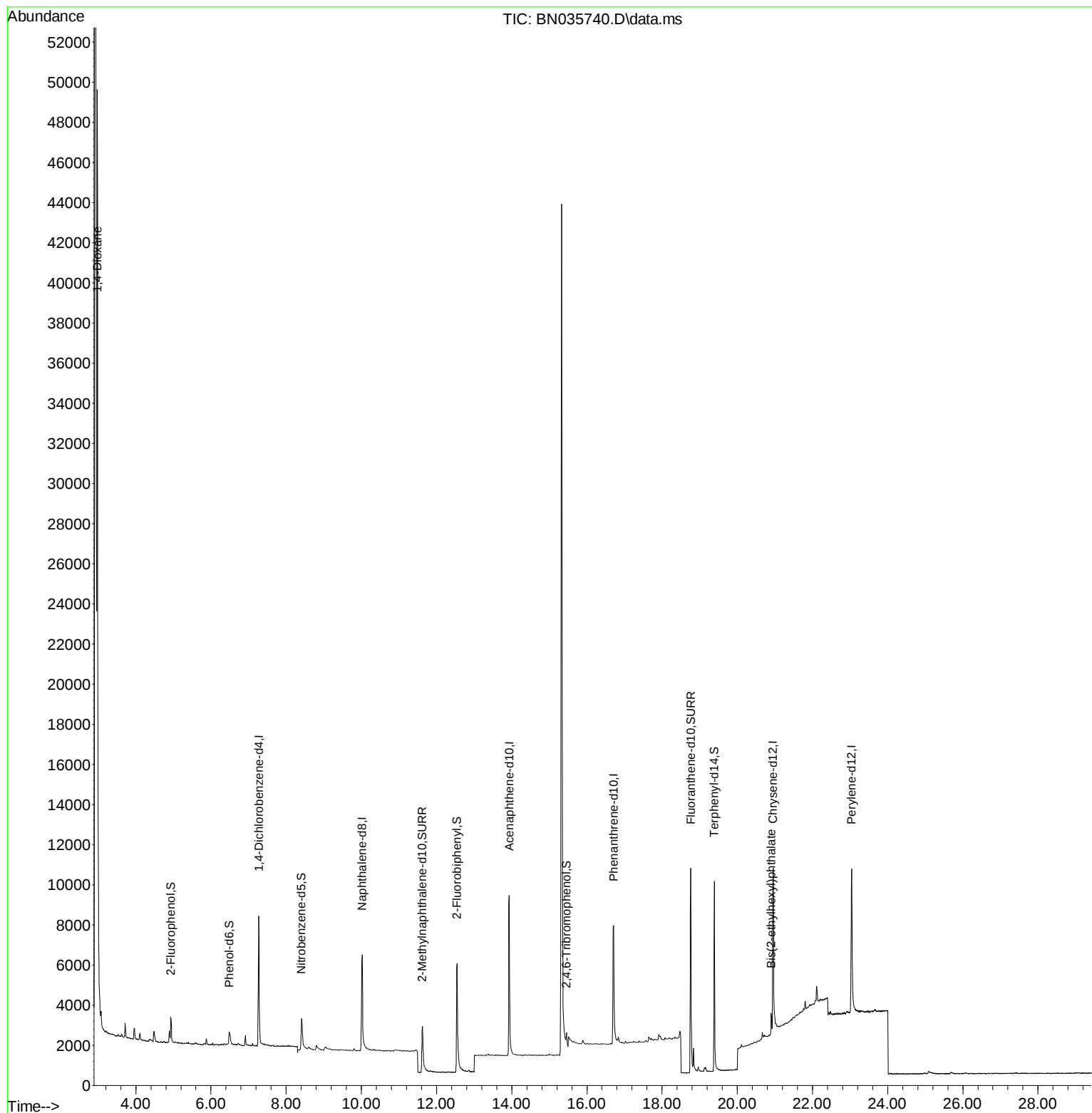
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	3324	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8846	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5875	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	12041	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	10498	0.400	ng	0.00
35) Perylene-d12	23.041	264	10600	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	1125	0.135	ng	0.00
5) Phenol-d6	6.484	99	944	0.094	ng	0.00
8) Nitrobenzene-d5	8.408	82	3287	0.608	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	5239	0.378	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	809	0.194	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	7690	0.346	ng	0.00
27) Fluoranthene-d10	18.761	212	13888	0.407	ng	0.00
31) Terphenyl-d14	19.388	244	10774	0.520	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.982	88	24293	7.645	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	1150	0.079	ng	# 99

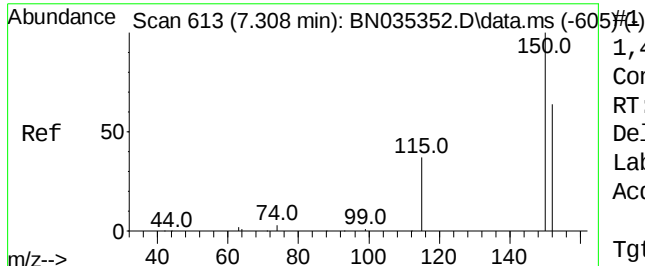
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

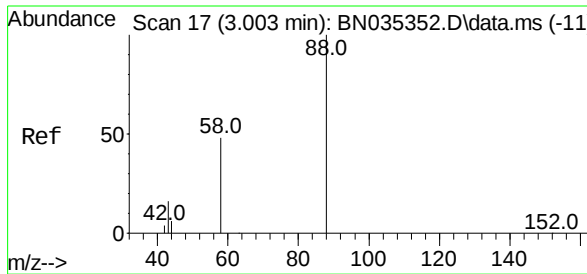
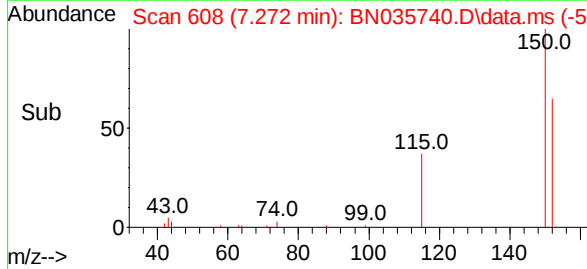
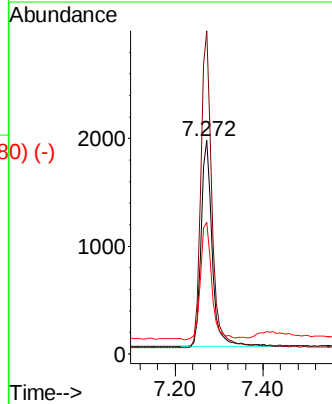
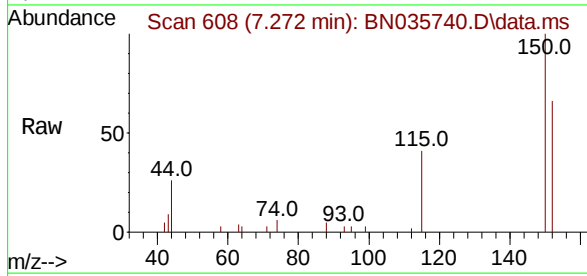




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.272 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BN035740.D
 Acq: 20 Dec 2024 14:05

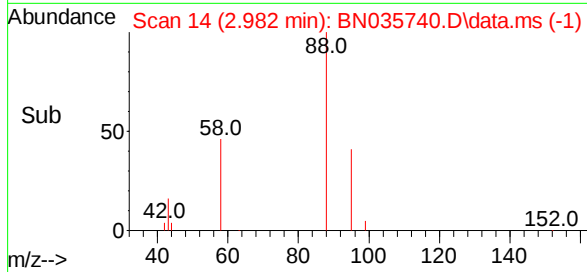
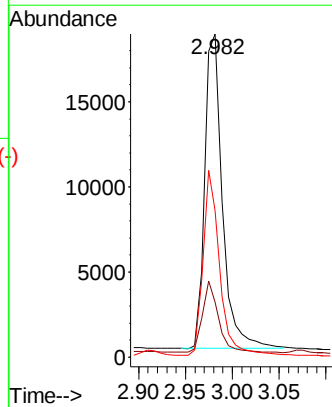
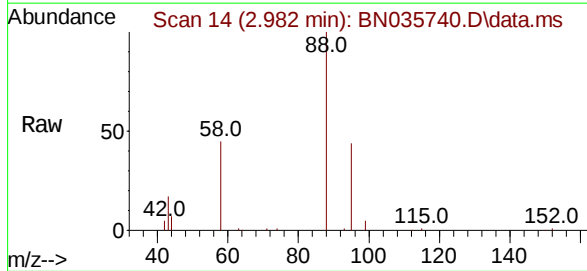
Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20241210

Tgt Ion:	152	Resp:	3324
Ion	Ratio	Lower	Upper
152	100		
150	151.4	124.0	186.0
115	61.8	49.6	74.4

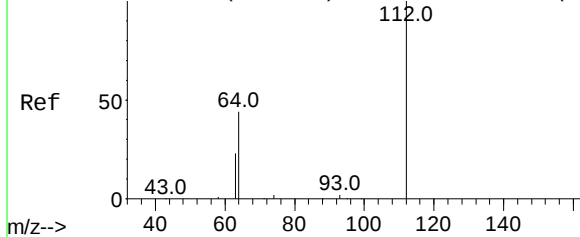


1,4-Dioxane
 Concen: 7.645 ng
 RT: 2.982 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035740.D
 Acq: 20 Dec 2024 14:05

Tgt Ion:	88	Resp:	24293
Ion	Ratio	Lower	Upper
88	100		
43	20.6	17.2	25.8
58	54.8	44.5	66.7



Abundance Scan 289 (4.968 min): BN035352.D\data.ms (-283#4)



2-Fluorophenol

Concen: 0.135 ng

RT: 4.939 min Scan# 2

Delta R.T. -0.000 min

Lab File: BN035740.D

Acq: 20 Dec 2024 14:05

Instrument :

BNA_N

ClientSampleId :

RE120D3-20241210

Tgt Ion:112 Resp: 1125

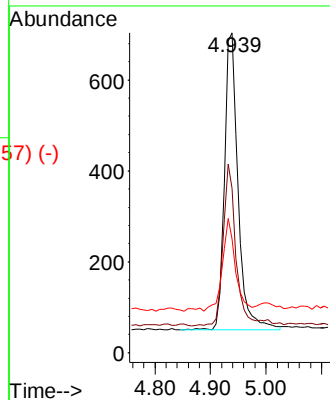
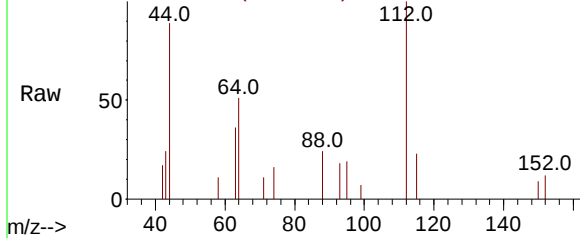
Ion Ratio Lower Upper

112 100

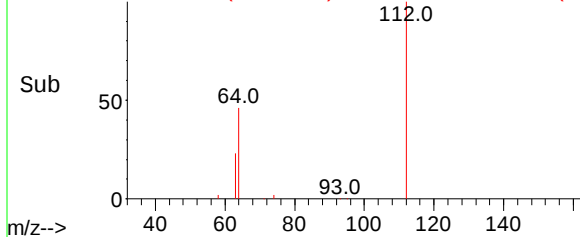
64 52.4 39.8 59.8

63 29.5 21.0 31.6

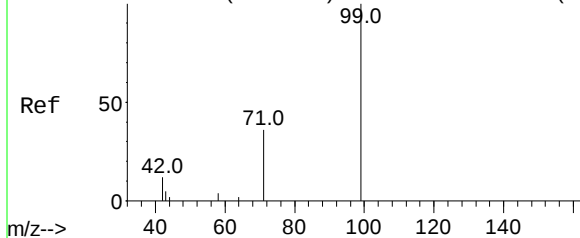
Abundance Scan 285 (4.939 min): BN035740.D\data.ms



Abundance Scan 285 (4.939 min): BN035740.D\data.ms (-257) (-)



Abundance Scan 503 (6.513 min): BN035352.D\data.ms (-495#5)



Phenol-d6

Concen: 0.094 ng

RT: 6.484 min Scan# 499

Delta R.T. -0.007 min

Lab File: BN035740.D

Acq: 20 Dec 2024 14:05

Tgt Ion: 99 Resp: 944

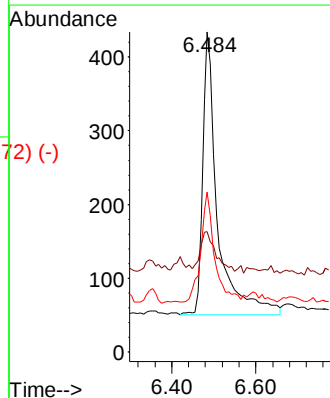
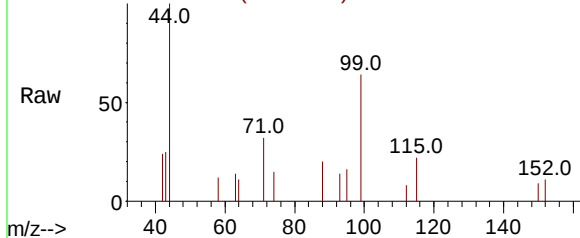
Ion Ratio Lower Upper

99 100

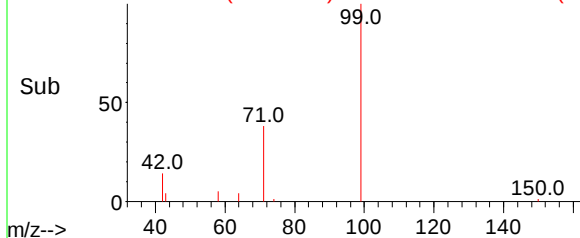
42 14.9 11.4 17.2

71 36.5 29.3 43.9

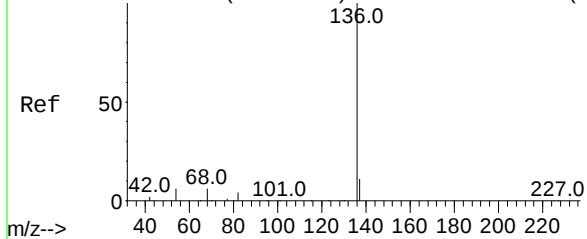
Abundance Scan 499 (6.484 min): BN035740.D\data.ms



Abundance Scan 499 (6.484 min): BN035740.D\data.ms (-472) (-)



Abundance Scan 915 (10.052 min): BN035352.D\data.ms (-9097) (-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.020 min Scan# 915

Delta R.T. -0.000 min

Lab File: BN035740.D

Acq: 20 Dec 2024 14:05

Instrument :

BNA_N

ClientSampleId :

RE120D3-20241210

Tgt Ion:136 Resp: 8846

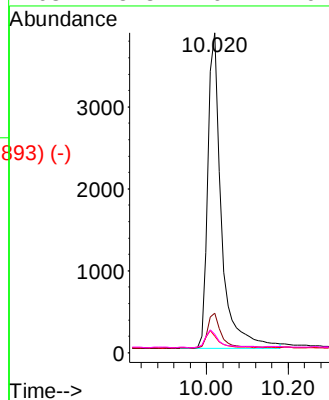
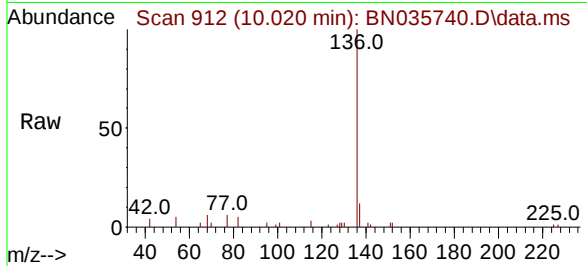
Ion Ratio Lower Upper

136 100

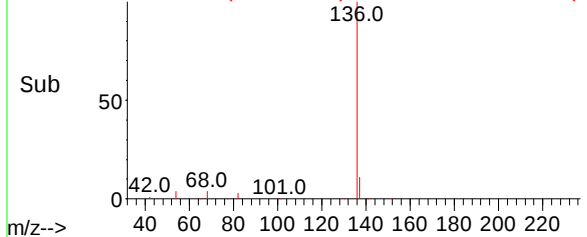
137 12.3 10.2 15.2

54 5.1 6.1 9.1#

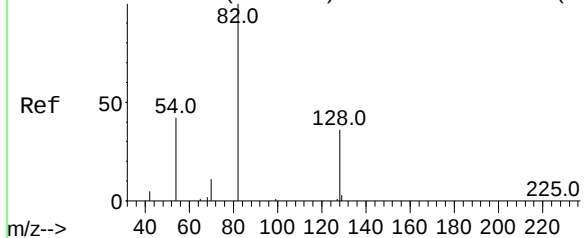
68 5.8 6.4 9.6#



Abundance Scan 912 (10.020 min): BN035740.D\data.ms (-893) (-)



Abundance Scan 764 (8.440 min): BN035352.D\data.ms (-76078) (-)



Nitrobenzene-d5

Concen: 0.608 ng

RT: 8.408 min Scan# 761

Delta R.T. -0.000 min

Lab File: BN035740.D

Acq: 20 Dec 2024 14:05

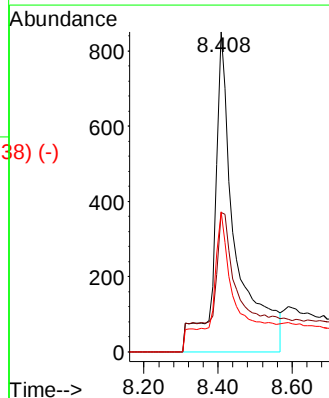
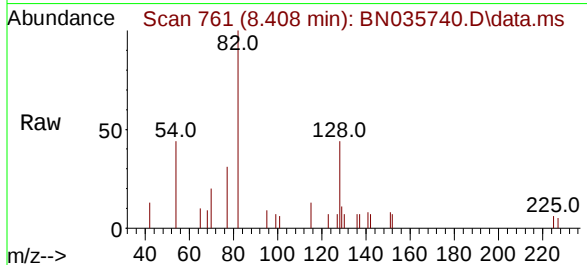
Tgt Ion: 82 Resp: 3287

Ion Ratio Lower Upper

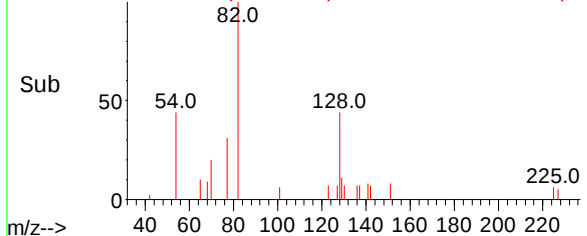
82 100

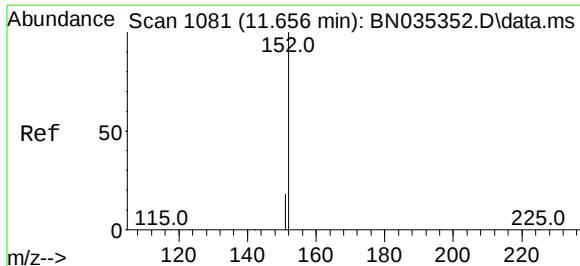
128 43.6 33.4 50.0

54 43.8 36.7 55.1



Abundance Scan 761 (8.408 min): BN035740.D\data.ms (-738) (-)

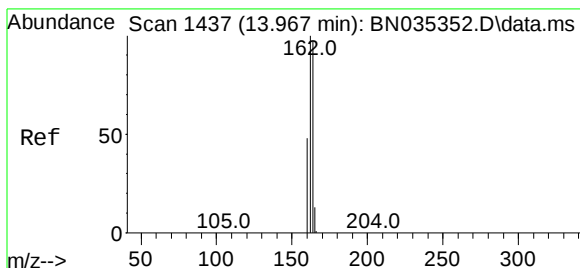
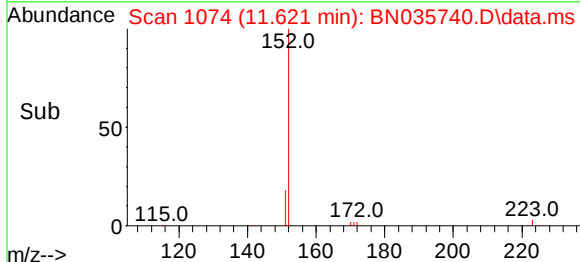
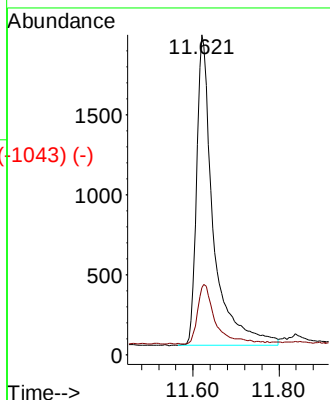
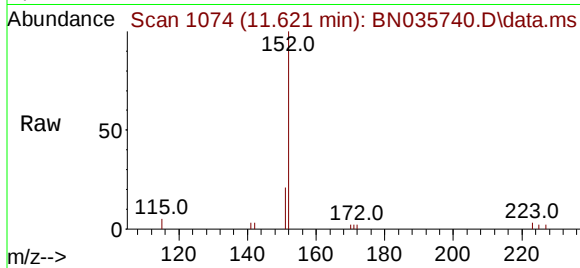




2-Methylnaphthalene-d10
 Concen: 0.378 ng
 RT: 11.621 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BN035740.D
 Acq: 20 Dec 2024 14:05

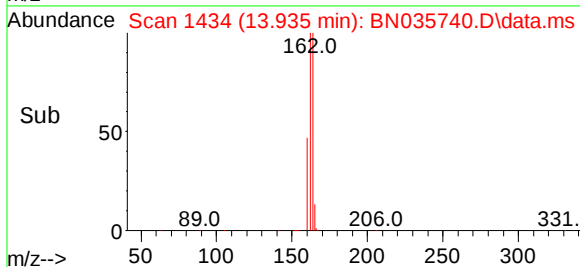
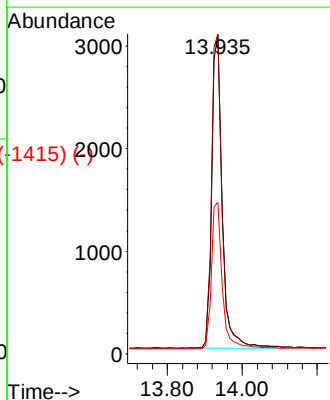
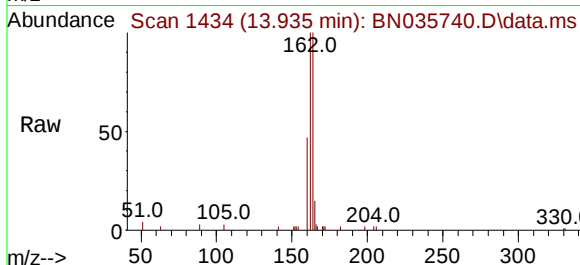
Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20241210

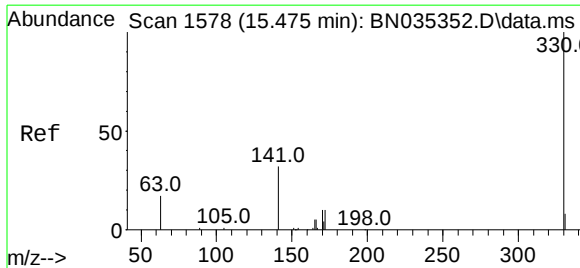
Tgt Ion:152 Resp: 5239
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.6 25.0



Acenaphthene-d10
 Concen: 0.400 ng
 RT: 13.935 min Scan# 1434
 Delta R.T. -0.000 min
 Lab File: BN035740.D
 Acq: 20 Dec 2024 14:05

Tgt Ion:164 Resp: 5875
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.2 123.2
 160 47.5 40.1 60.1

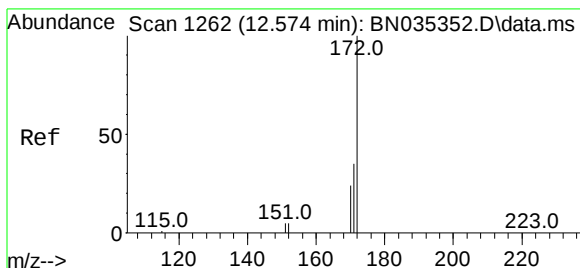
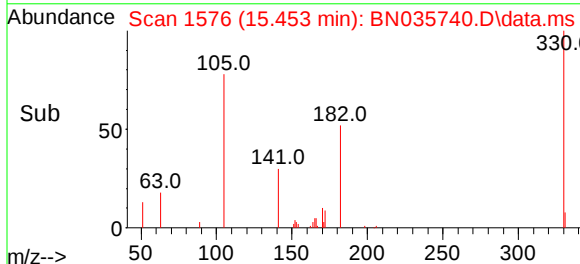
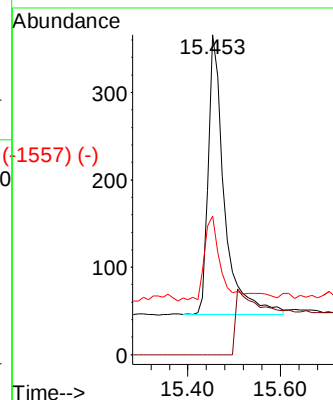
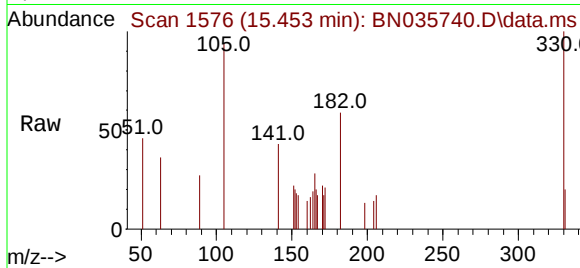




2,4,6-Tribromophenol
 Concen: 0.194 ng
 RT: 15.453 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: BN035740.D
 Acq: 20 Dec 2024 14:05

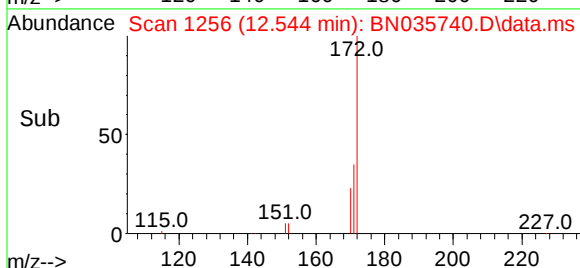
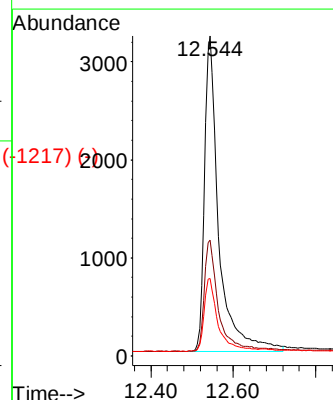
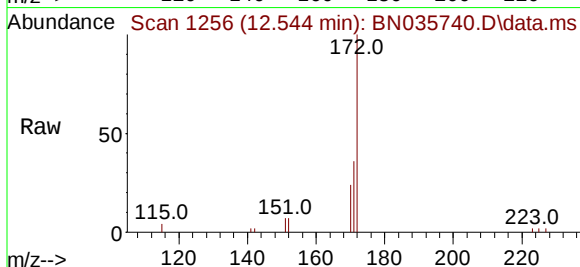
Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20241210

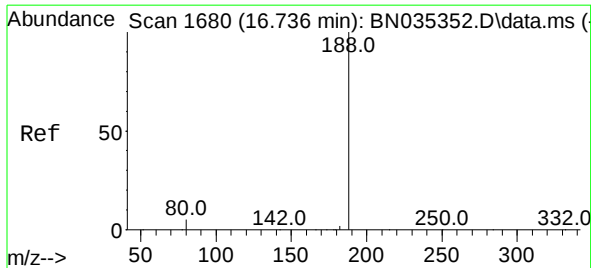
Tgt Ion:	330	Resp:	809
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	30.3	26.6	40.0



2-Fluorobiphenyl
 Concen: 0.346 ng
 RT: 12.544 min Scan# 1256
 Delta R.T. -0.000 min
 Lab File: BN035740.D
 Acq: 20 Dec 2024 14:05

Tgt Ion:	172	Resp:	7690
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.0	43.4
170	24.2	19.8	29.8

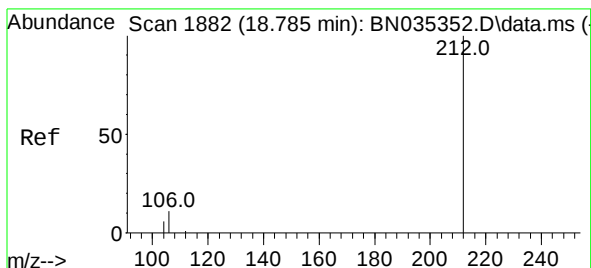
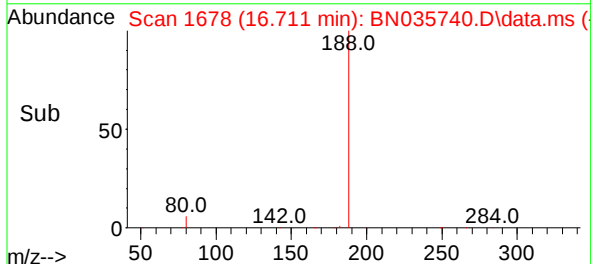
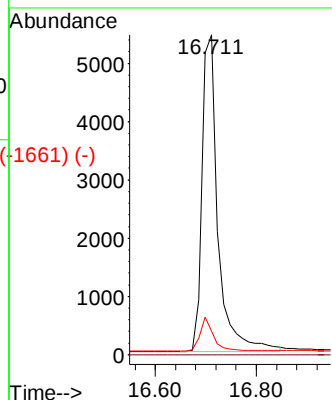
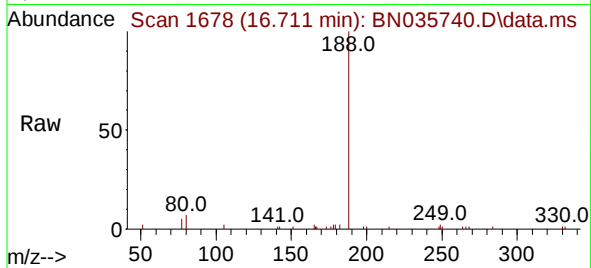




Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

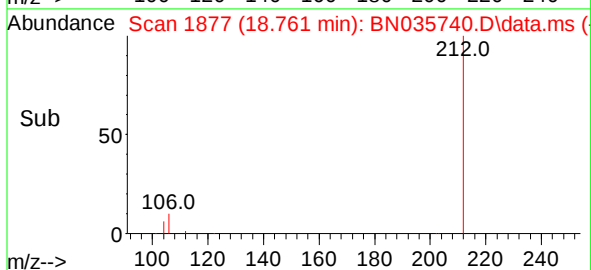
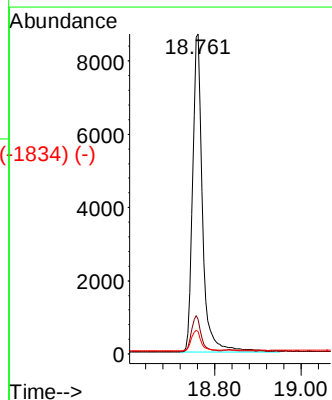
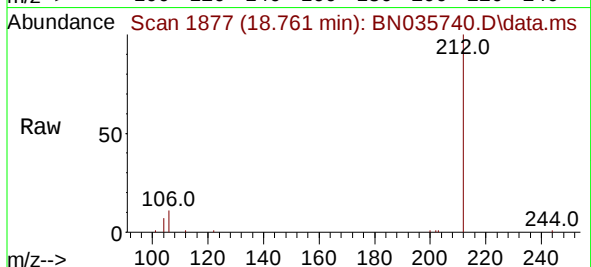
Instrument :
BNA_N
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RE120D3-20241210

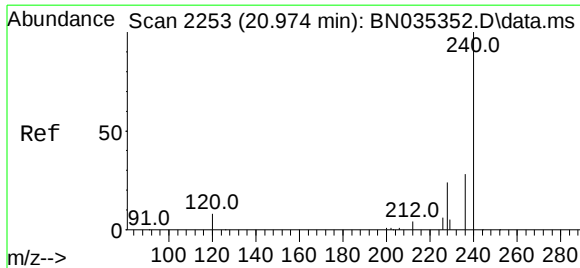
Tgt Ion:188 Resp: 12041
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 4.6 6.8#



Fluoranthene-d10
Concen: 0.407 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

Tgt Ion:212 Resp: 13888
Ion Ratio Lower Upper
212 100
106 10.8 9.2 13.8
104 6.2 5.3 7.9





Chrysene-d12

Concen: 0.400 ng

RT: 20.956 min Scan# 2

Delta R.T. -0.000 min

Lab File: BN035740.D

Acq: 20 Dec 2024 14:05

Instrument :

BNA_N

ClientSampleId :

RE120D3-20241210

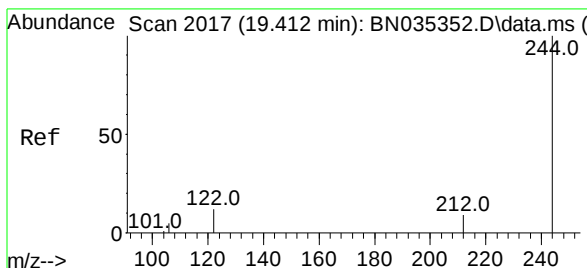
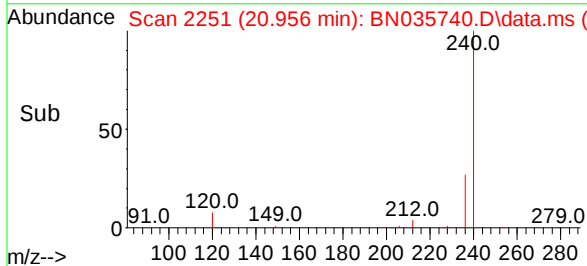
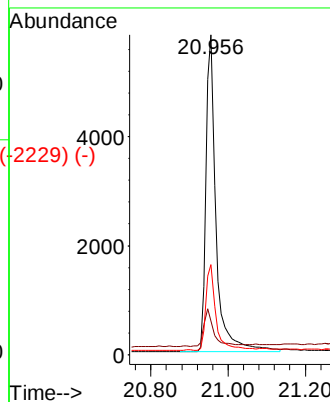
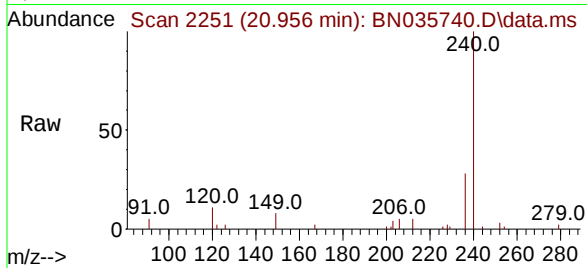
Tgt Ion:240 Resp: 10498

Ion Ratio Lower Upper

240 100

120 10.6 7.9 11.9

236 28.2 22.9 34.3



Terphenyl-d14

Concen: 0.520 ng

RT: 19.388 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BN035740.D

Acq: 20 Dec 2024 14:05

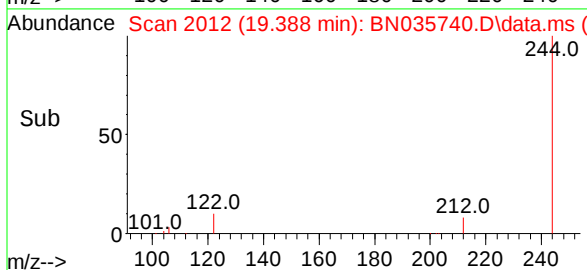
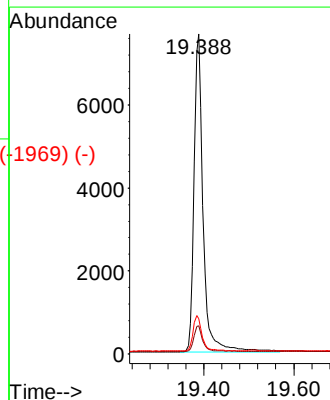
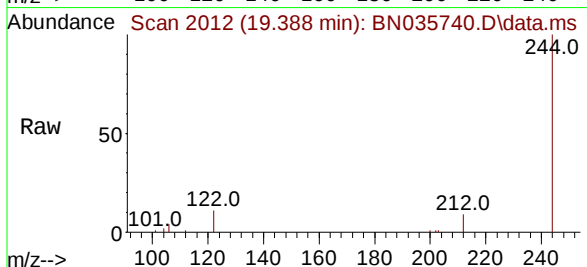
Tgt Ion:244 Resp: 10774

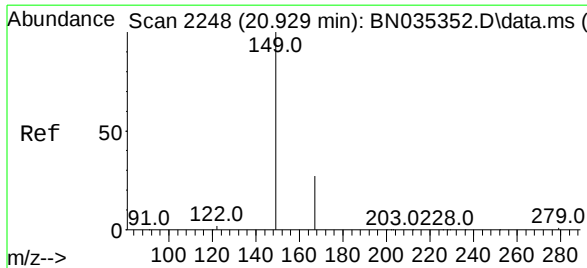
Ion Ratio Lower Upper

244 100

212 8.8 8.1 12.1

122 11.0 10.3 15.5

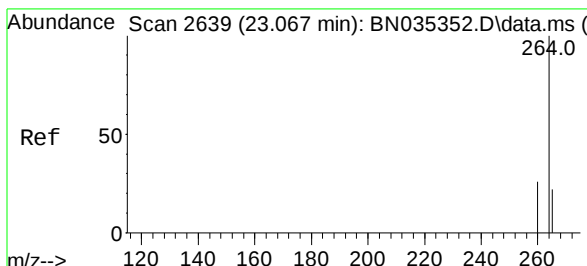
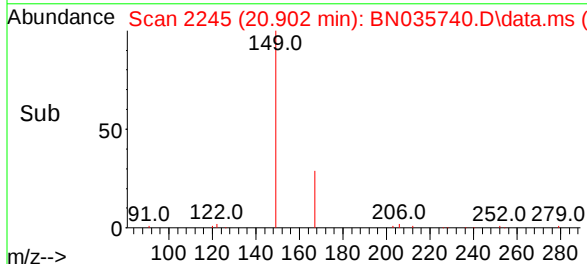
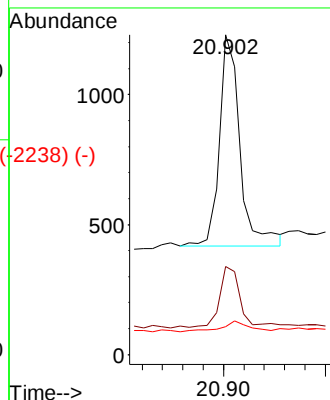
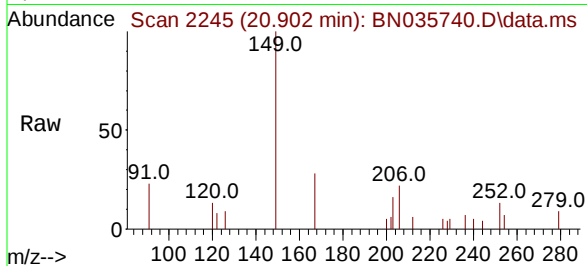




Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 20.902 min Scan# 2245
 Delta R.T. -0.009 min
 Lab File: BN035740.D
 Acq: 20 Dec 2024 14:05

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20241210

Tgt Ion:149 Resp: 1150
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.4
 279 7.0 2.7 4.1#



Perylene-d12
 Concen: 0.400 ng
 RT: 23.041 min Scan# 2630
 Delta R.T. -0.000 min
 Lab File: BN035740.D
 Acq: 20 Dec 2024 14:05

Tgt Ion:264 Resp: 10600
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.4 32.2
 265 66.8 40.2 60.4#

