

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035732.D
Acq On : 20 Dec 2024 08:40
Operator : RC/JU
Sample : PB165667BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 10:11:23 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	3017	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7719	0.400	ng	0.00
13) Acenaphthene-d10	13.935	164	5070	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	9582	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	8447	0.400	ng	# 0.00
35) Perylene-d12	23.044	264	8557	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	2638	0.349	ng	0.00
5) Phenol-d6	6.492	99	2547	0.280	ng	0.00
8) Nitrobenzene-d5	8.418	82	2055	0.436	ng	0.01
11) 2-Methylnaphthalene-d10	11.631	152	4462	0.369	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	384	0.107	ng	0.02
15) 2-Fluorobiphenyl	12.554	172	6295	0.328	ng	0.00
27) Fluoranthene-d10	18.766	212	10291	0.379	ng	0.00
31) Terphenyl-d14	19.393	244	8678	0.521	ng	0.00

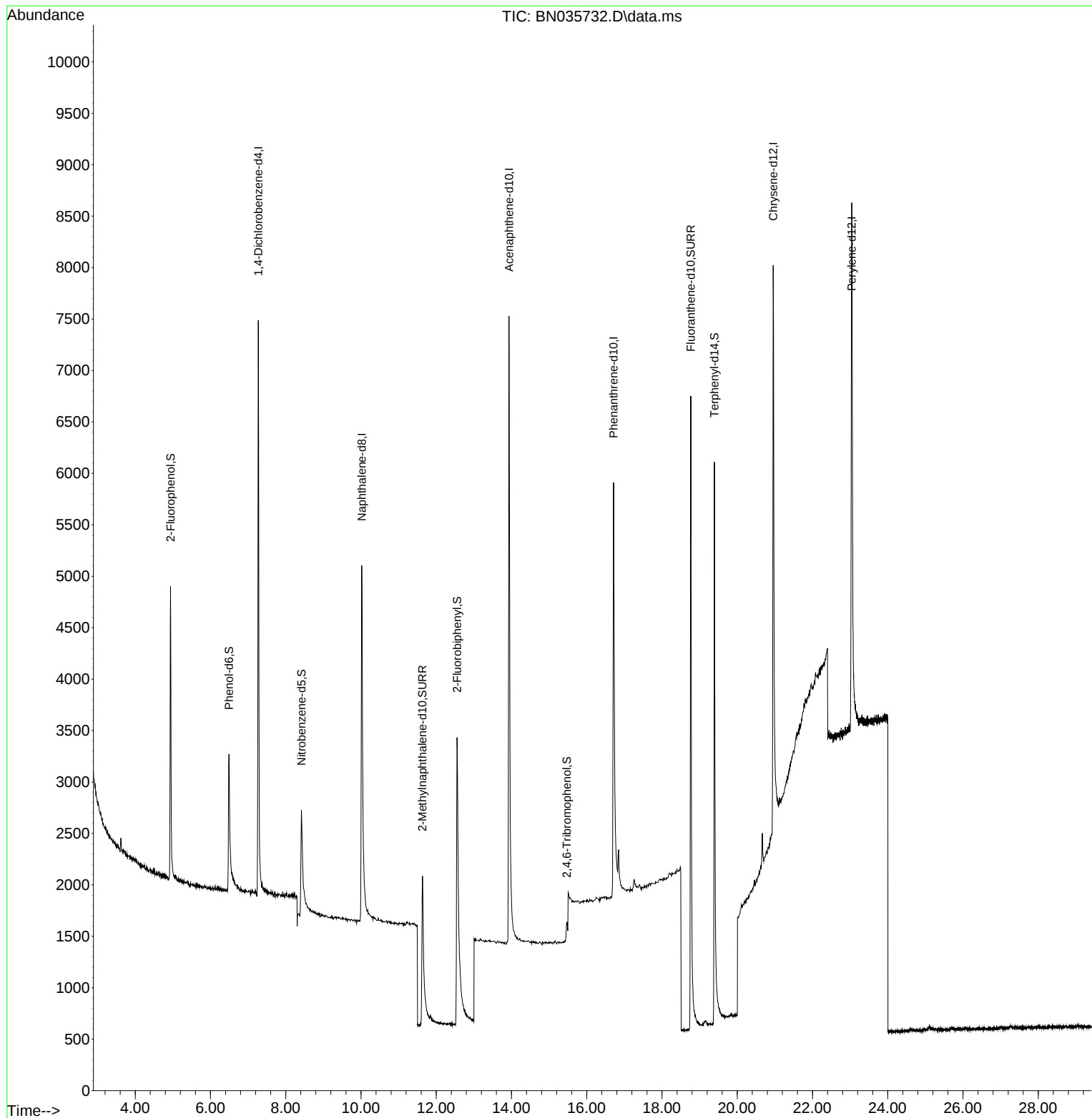
Target Compounds Qvalue

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

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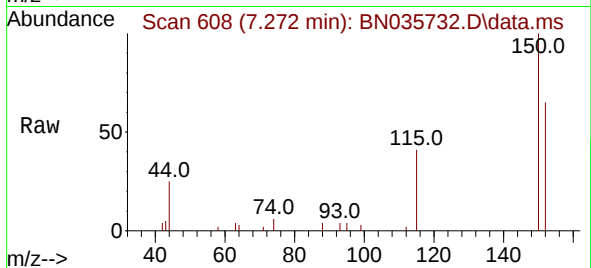
Quant Time: Dec 20 10:11:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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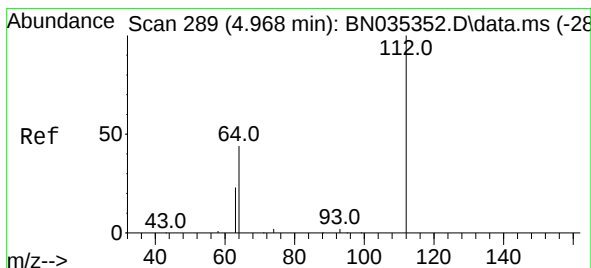
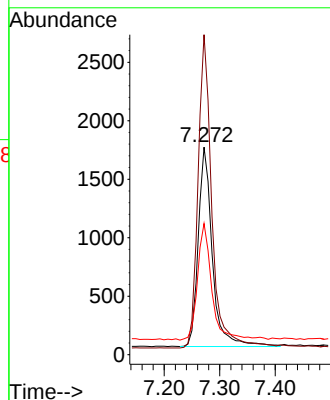
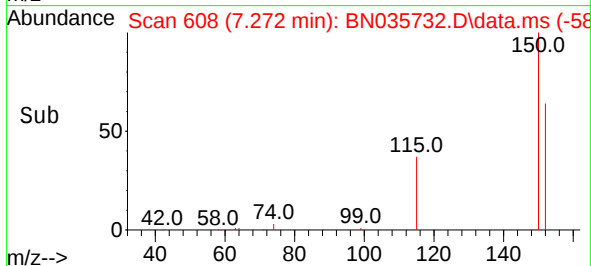


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN035732.D
Acq: 20 Dec 2024 08:40

Instrument :
BNA_N
ClientSampleId :

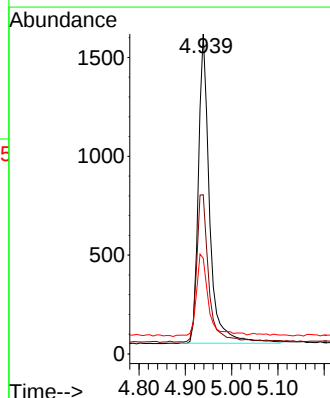
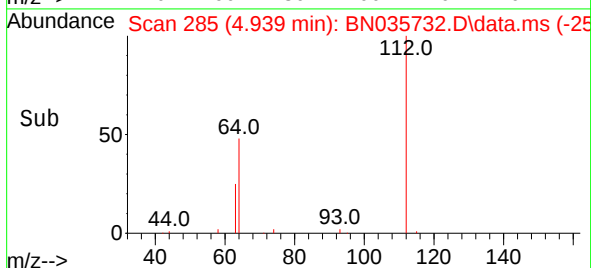
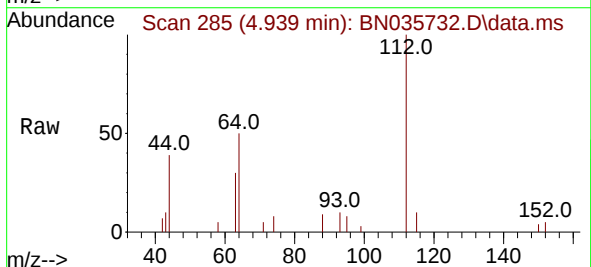


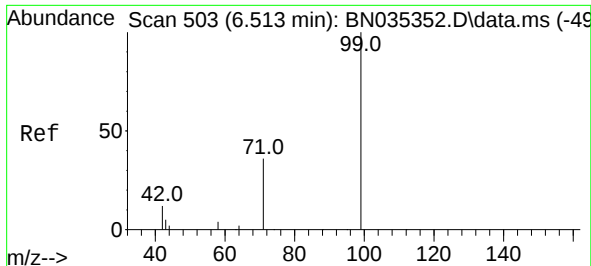
Tgt Ion:152 Resp: 3017
Ion Ratio Lower Upper
152 100
150 154.2 124.0 186.0
115 63.2 49.6 74.4



#4
2-Fluorophenol
Concen: 0.349 ng
RT: 4.939 min Scan# 285
Delta R.T. -0.000 min
Lab File: BN035732.D
Acq: 20 Dec 2024 08:40

Tgt Ion:112 Resp: 2638
Ion Ratio Lower Upper
112 100
64 50.6 39.8 59.8
63 29.5 21.0 31.6

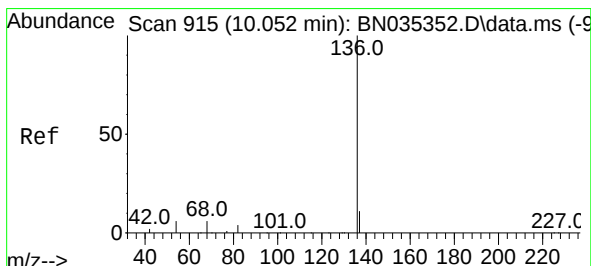
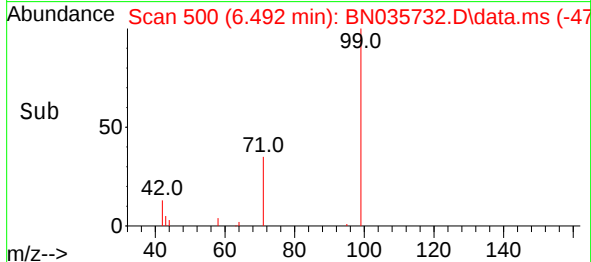
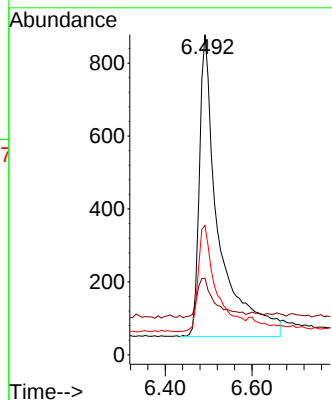
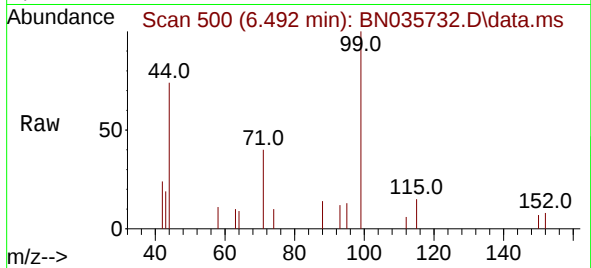




#5
Phenol-d6
Concen: 0.280 ng
RT: 6.492 min Scan# 503
Delta R.T. -0.000 min
Lab File: BN035732.D
Acq: 20 Dec 2024 08:40

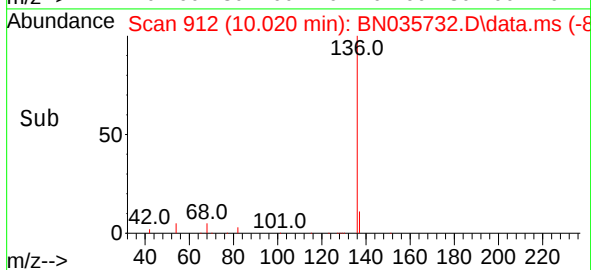
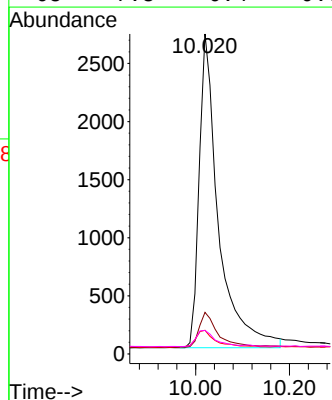
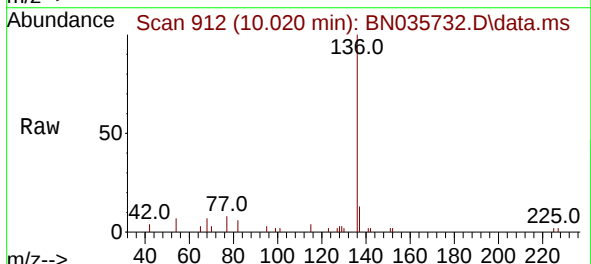
Instrument :
BNA_N
ClientSampleId :

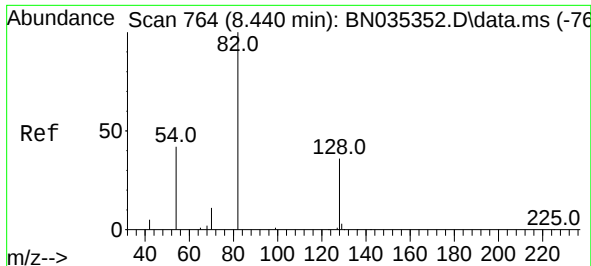
Tgt Ion	Ratio	Lower	Upper
99	100		
42	12.4	11.4	17.2
71	32.7	29.3	43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 912
Delta R.T. -0.000 min
Lab File: BN035732.D
Acq: 20 Dec 2024 08:40

Tgt Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.2	15.2
54	7.4	6.1	9.1
68	7.3	6.4	9.6

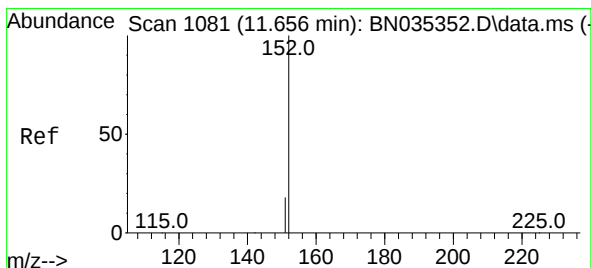
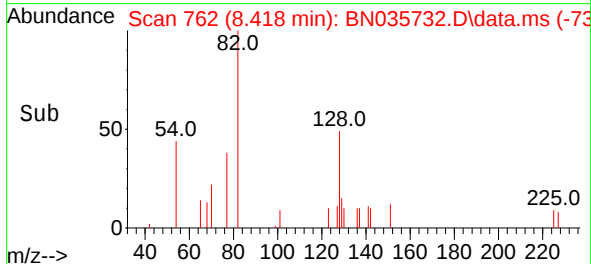
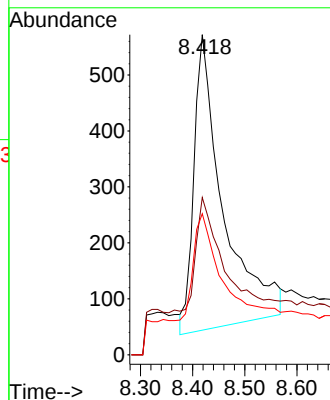
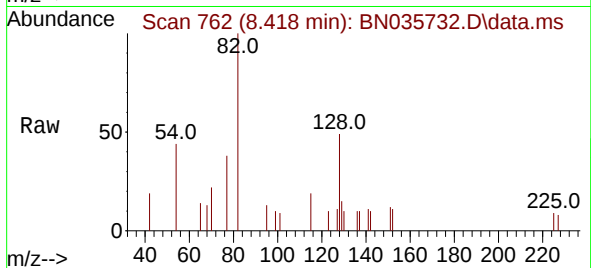




#8
Nitrobenzene-d5
Concen: 0.436 ng
RT: 8.418 min Scan# 764
Delta R.T. 0.010 min
Lab File: BN035732.D
Acq: 20 Dec 2024 08:40

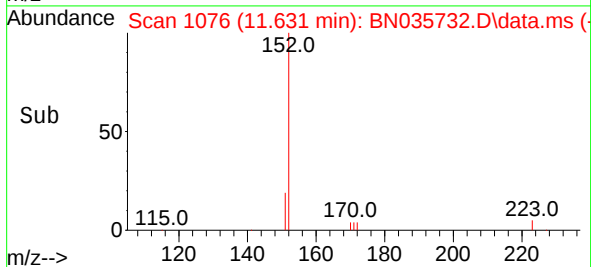
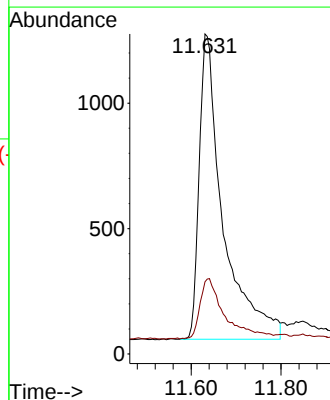
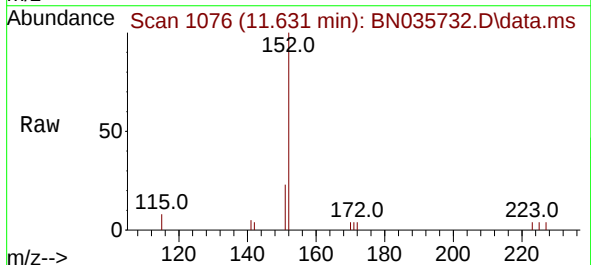
Instrument :
BNA_N
ClientSampleId :

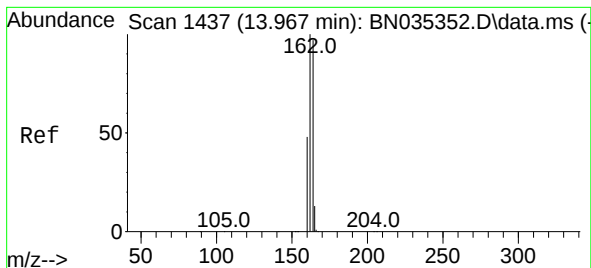
Tgt Ion: 82 Resp: 2055
Ion Ratio Lower Upper
82 100
128 49.1 33.4 50.0
54 44.1 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 11.631 min Scan# 1076
Delta R.T. 0.010 min
Lab File: BN035732.D
Acq: 20 Dec 2024 08:40

Tgt Ion: 152 Resp: 4462
Ion Ratio Lower Upper
152 100
151 20.8 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: BN035732.D

Acq: 20 Dec 2024 08:40

Instrument :

BNA_N

ClientSampleId :

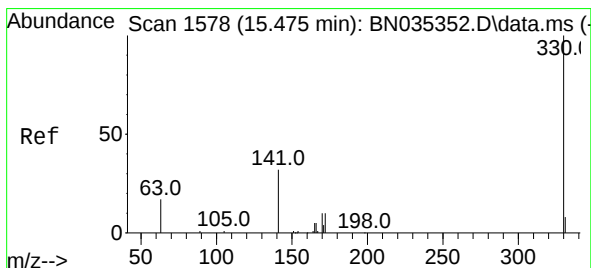
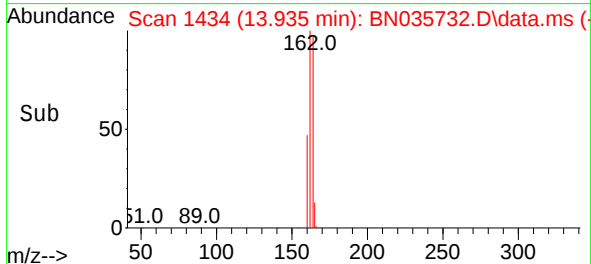
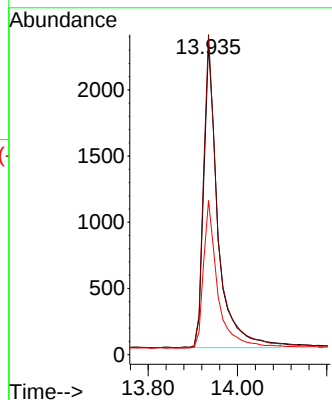
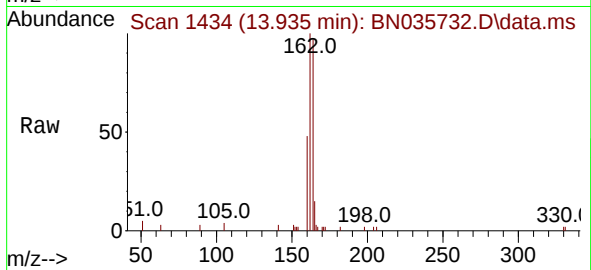
Tgt Ion:164 Resp: 5070

Ion Ratio Lower Upper

164 100

162 103.1 82.2 123.2

160 49.6 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.107 ng

RT: 15.475 min Scan# 1578

Delta R.T. 0.021 min

Lab File: BN035732.D

Acq: 20 Dec 2024 08:40

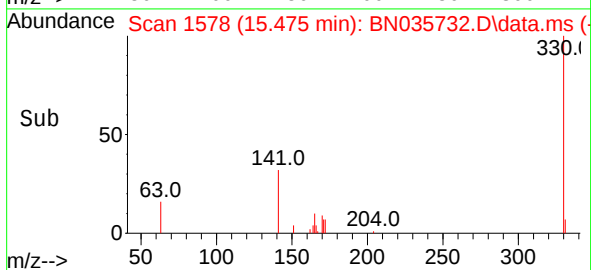
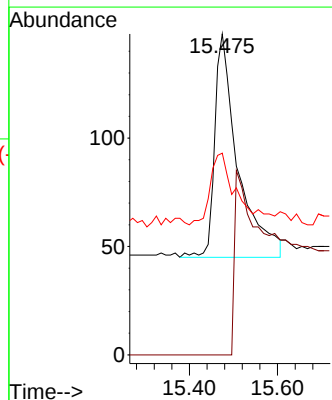
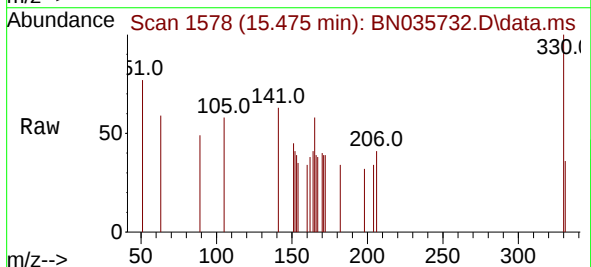
Tgt Ion:330 Resp: 384

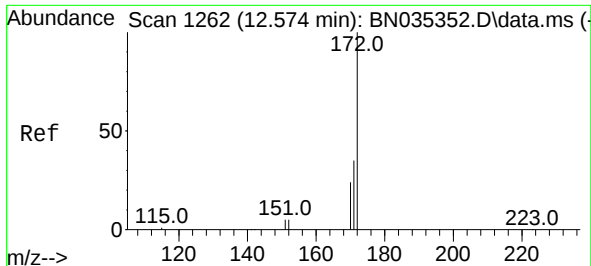
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 37.2 26.6 40.0





#15

2-Fluorobiphenyl

Concen: 0.328 ng

RT: 12.554 min Scan# 1678

Delta R.T. 0.010 min

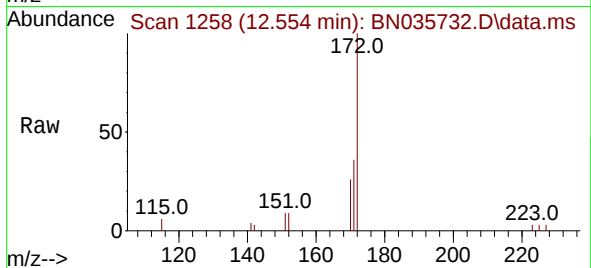
Lab File: BN035732.D

Acq: 20 Dec 2024 08:40

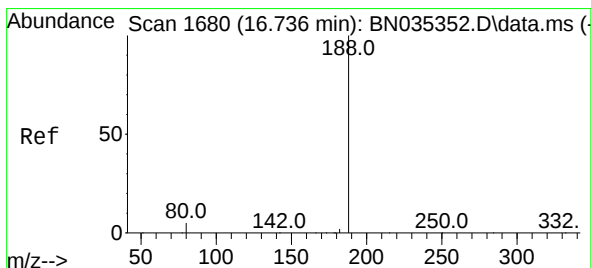
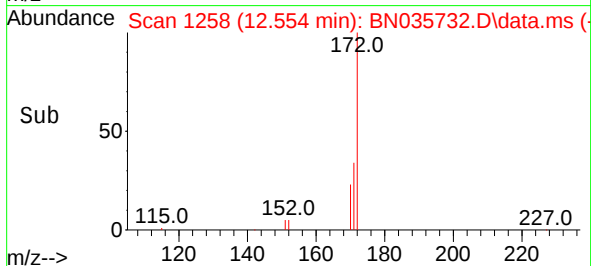
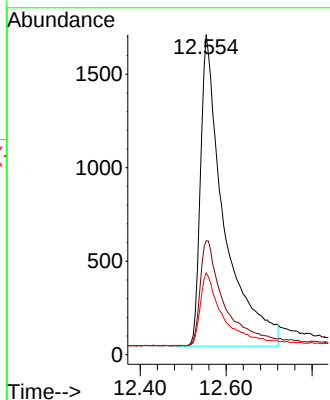
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	172	Resp:	6295
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.0	43.4
170	25.5	19.8	29.8



#19

Phenanthrene-d10

Concen: 0.400 ng

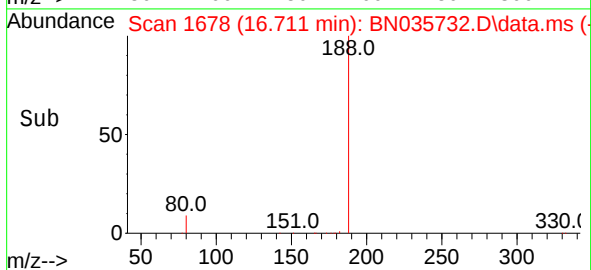
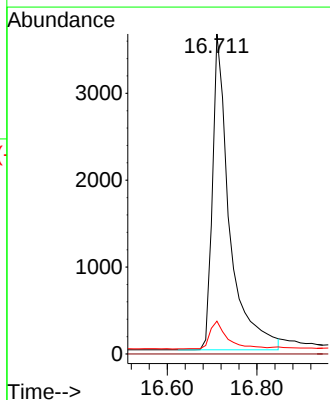
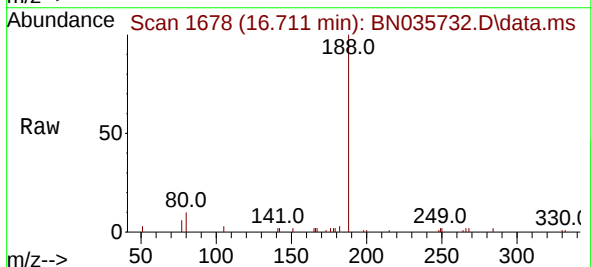
RT: 16.711 min Scan# 1678

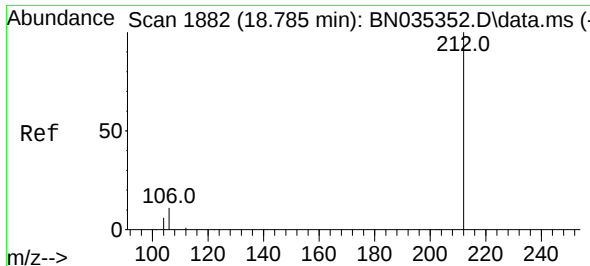
Delta R.T. 0.012 min

Lab File: BN035732.D

Acq: 20 Dec 2024 08:40

Tgt Ion:	188	Resp:	9582
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.3	4.6	6.8#

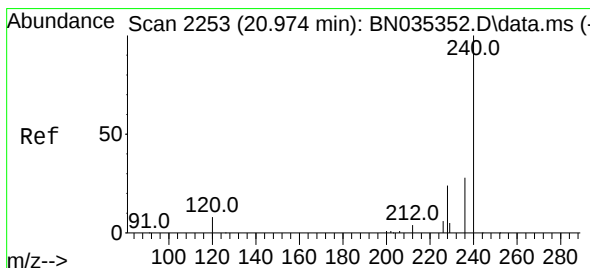
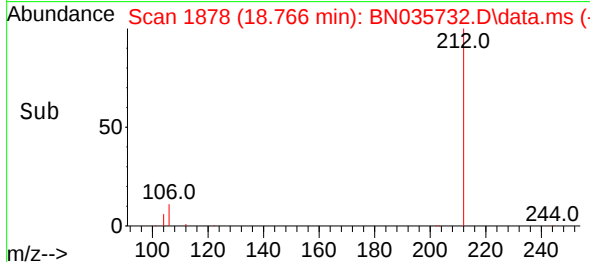
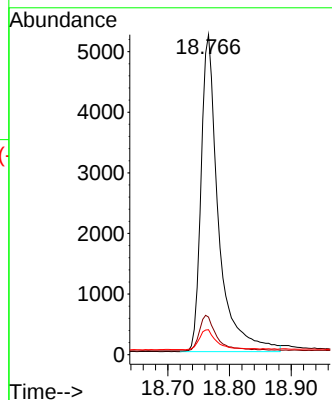
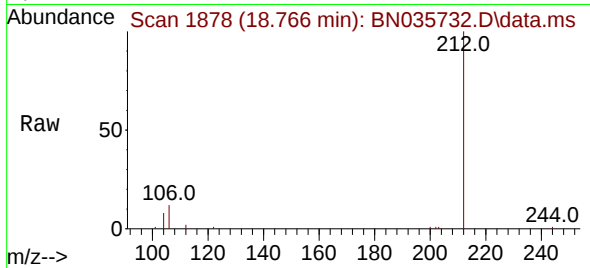




#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 18.766 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN035732.D
Acq: 20 Dec 2024 08:40

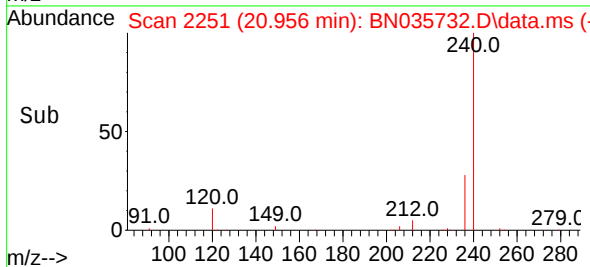
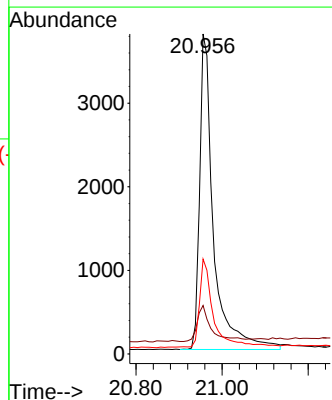
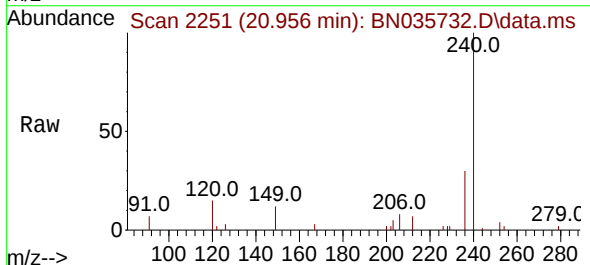
Instrument :
BNA_N
ClientSampleId :

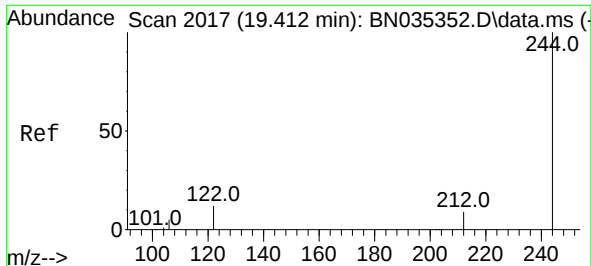
Tgt Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.2	13.8
104	6.2	5.3	7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035732.D
Acq: 20 Dec 2024 08:40

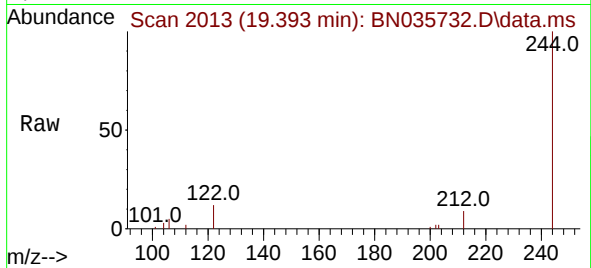
Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	7.9	11.9#
236	29.6	22.9	34.3



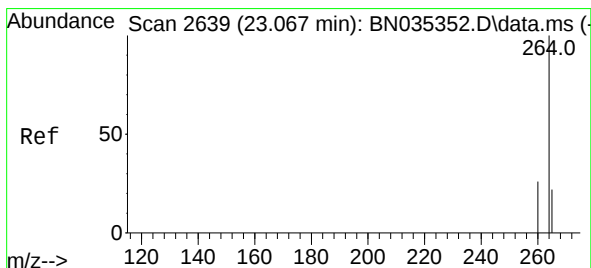
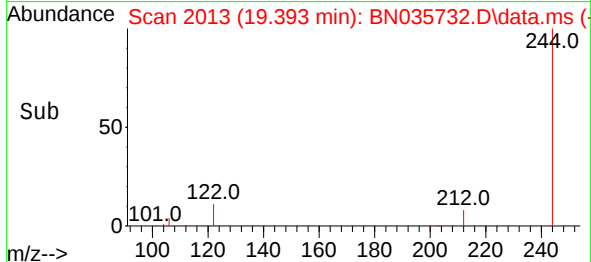
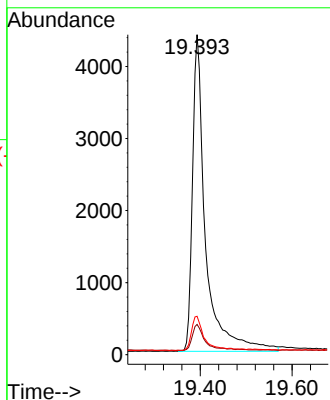


#31
 Terphenyl-d14
 Concen: 0.521 ng
 RT: 19.393 min Scan# 2017
 Delta R.T. 0.004 min
 Lab File: BN035732.D
 Acq: 20 Dec 2024 08:40

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:244 Resp: 8678
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.1 12.1
 122 12.0 10.3 15.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.044 min Scan# 2631
 Delta R.T. 0.003 min
 Lab File: BN035732.D
 Acq: 20 Dec 2024 08:40

Tgt Ion:264 Resp: 8557
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.2
 265 82.5 40.2 60.4#

