

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
 Data File : BN033807.D
 Acq On : 07 Sep 2024 06:43
 Operator : MA/JU
 Sample : SP6615
 Misc : 8270 SIM SURR
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6615

Quant Time: Sep 07 07:13:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 18:36:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

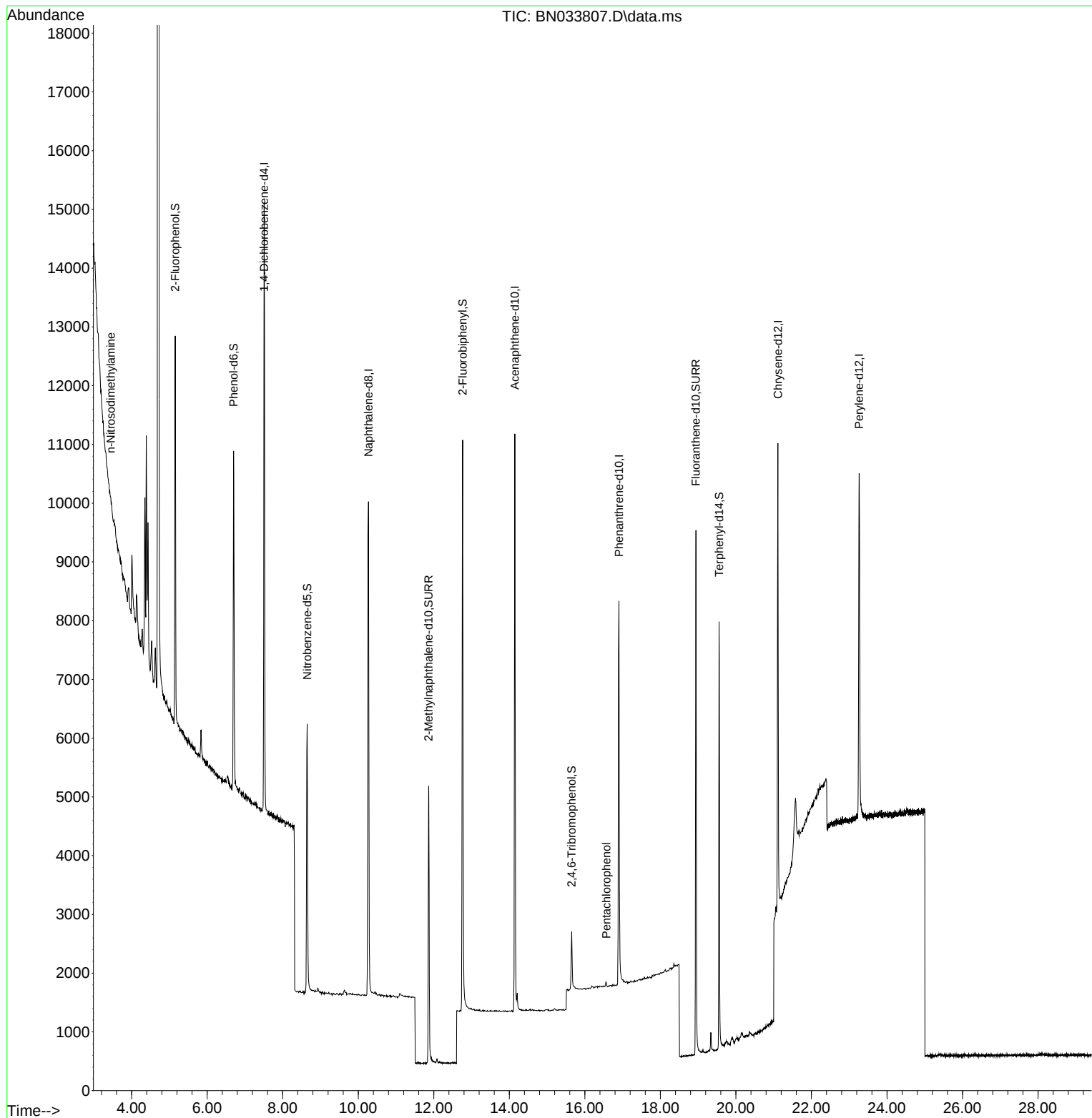
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.509	152	4775	0.400	ng	0.00
7) Naphthalene-d8	10.271	136	12151	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	5475	0.400	ng	-0.01
19) Phenanthrene-d10	16.904	188	10444	0.400	ng	0.00
29) Chrysene-d12	21.112	240	7518	0.400	ng	0.00
35) Perylene-d12	23.262	264	8027	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	4620	0.316	ng	0.00
5) Phenol-d6	6.700	99	5129	0.296	ng	0.00
8) Nitrobenzene-d5	8.649	82	3965	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	11.865	152	6873	0.400	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	652	0.236	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	9170	0.402	ng	0.00
27) Fluoranthene-d10	18.942	212	10369	0.402	ng	0.00
31) Terphenyl-d14	19.555	244	7042	0.439	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.450	42	153	0.024	ng	# 9
24) Pentachlorophenol	16.569	266	57	0.020	ng	# 86

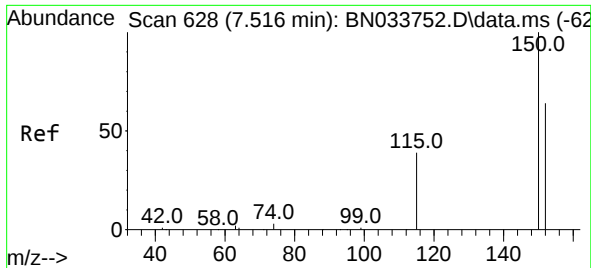
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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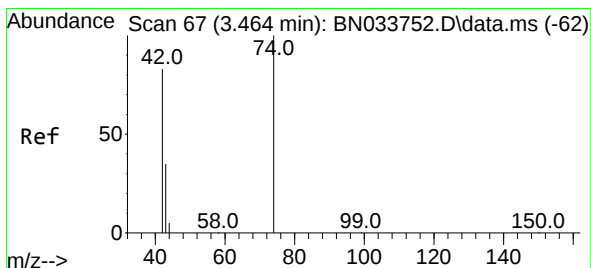
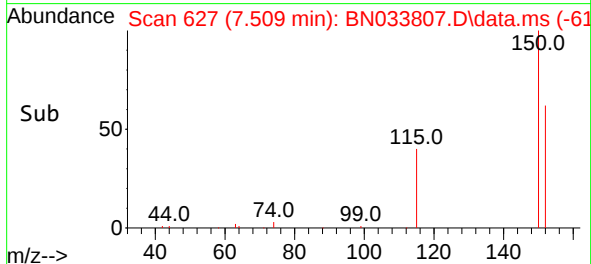
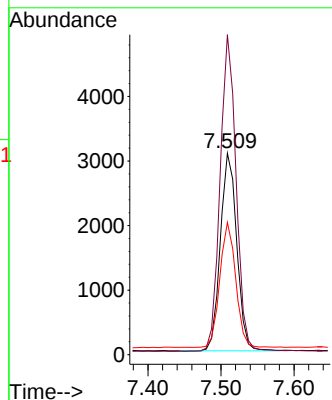
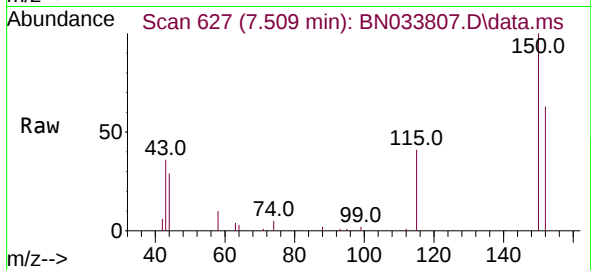




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.509 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

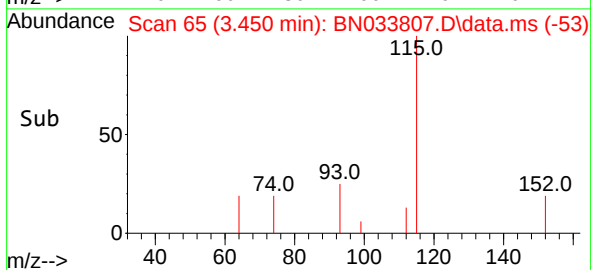
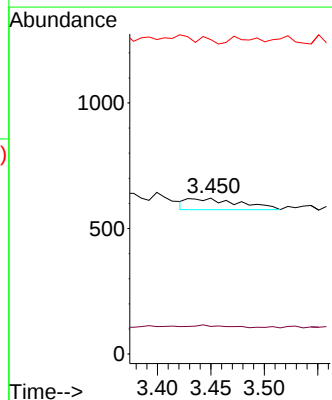
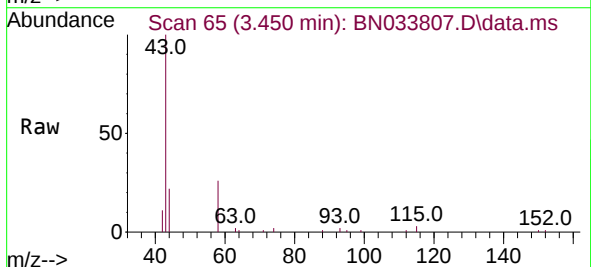
Instrument :
BNA_N
ClientSampleId :
SP6615

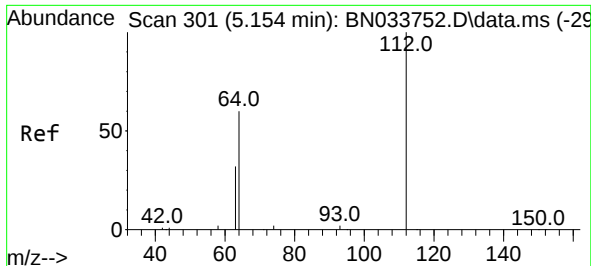
Tgt Ion:152 Resp: 4775
Ion Ratio Lower Upper
152 100
150 158.9 123.3 184.9
115 65.7 51.0 76.4



#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.450 min Scan# 65
Delta R.T. -0.015 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Tgt Ion: 42 Resp: 153
Ion Ratio Lower Upper
42 100
74 11.1 93.5 140.3#
44 0.0 7.4 11.0#

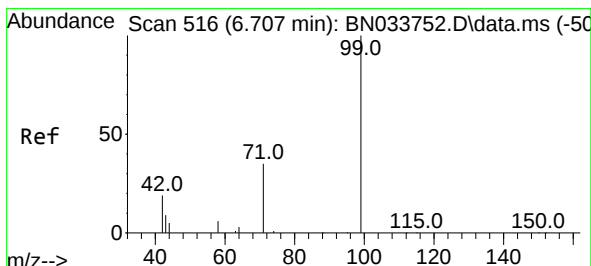
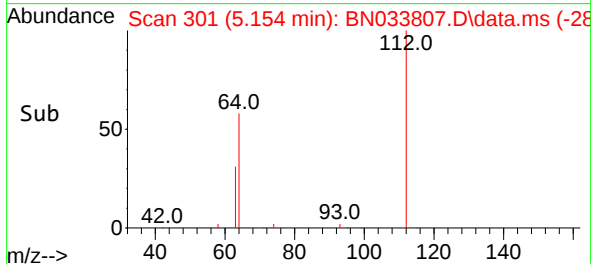
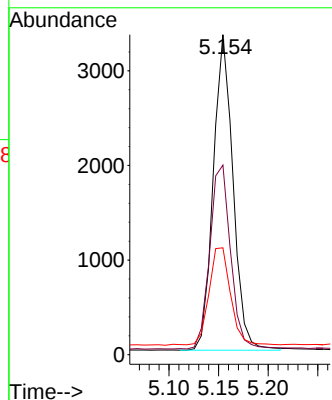
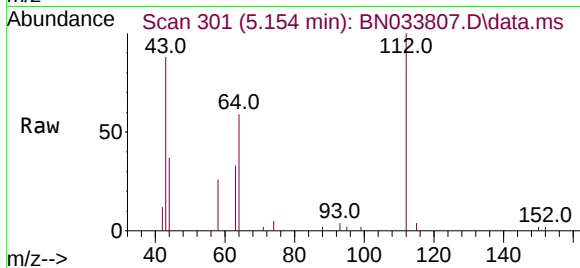




#4
2-Fluorophenol
Concen: 0.316 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

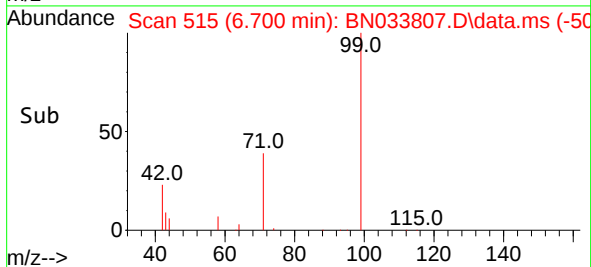
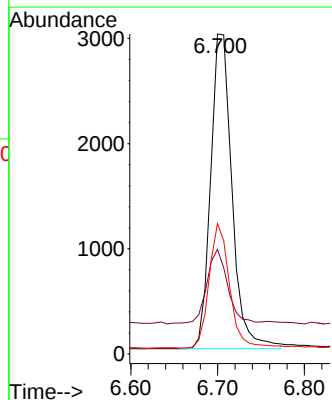
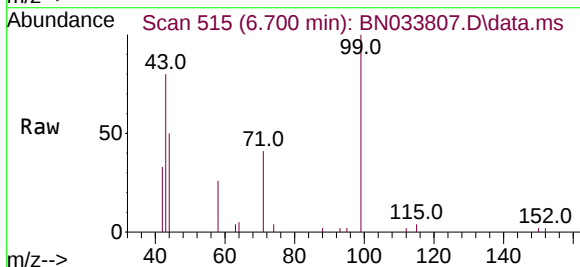
Instrument :
BNA_N
ClientSampleId :
SP6615

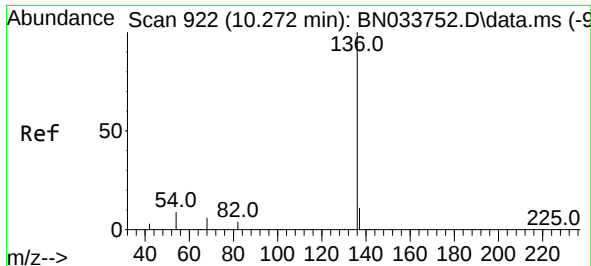
Tgt Ion:112 Resp: 4620
Ion Ratio Lower Upper
112 100
64 61.5 47.6 71.4
63 33.4 25.9 38.9



#5
Phenol-d6
Concen: 0.296 ng
RT: 6.700 min Scan# 515
Delta R.T. -0.007 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Tgt Ion: 99 Resp: 5129
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 37.7 28.7 43.1

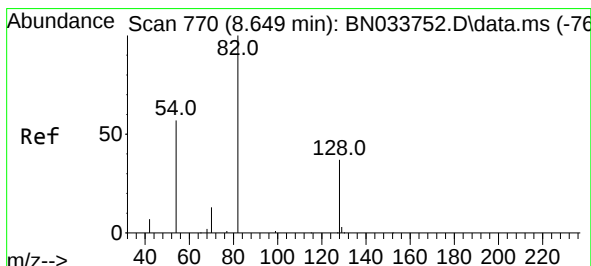
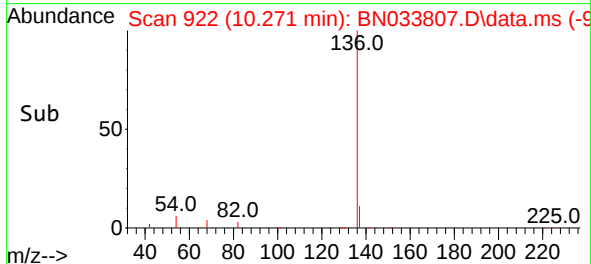
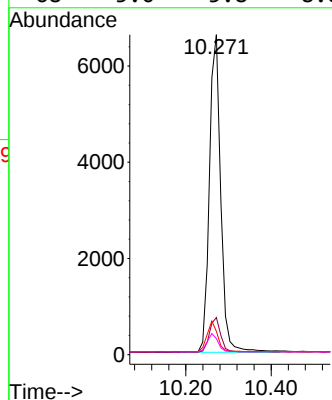
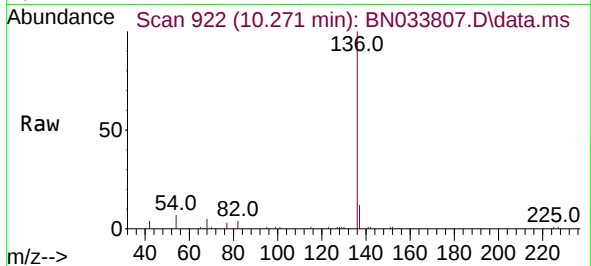




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.271 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

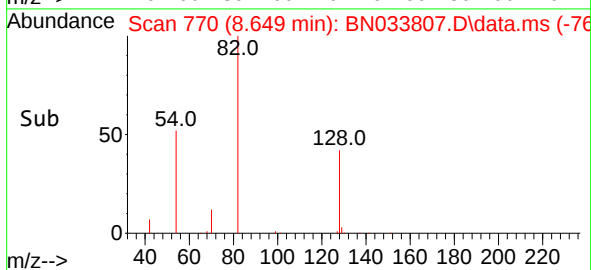
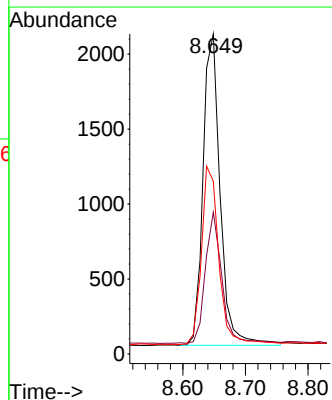
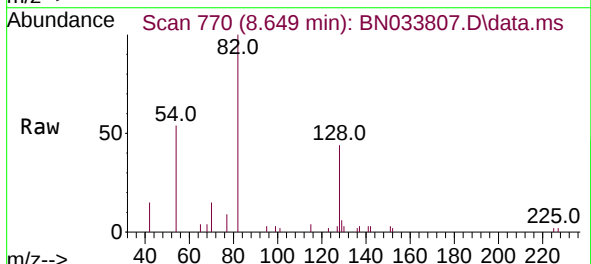
Instrument :
BNA_N
ClientSampleId :
SP6615

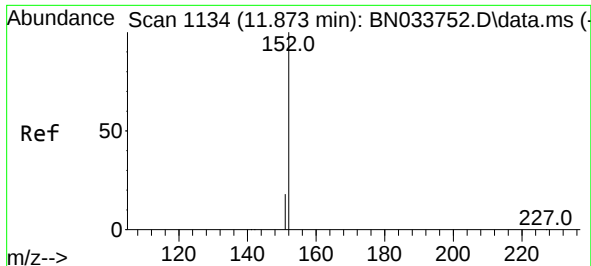
Tgt Ion:	136	Resp:	12151
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	7.3	8.1	12.1#
68	5.0	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.649 min Scan# 770
Delta R.T. -0.000 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Tgt Ion:	82	Resp:	3965
Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.3	46.9
54	54.0	46.9	70.3

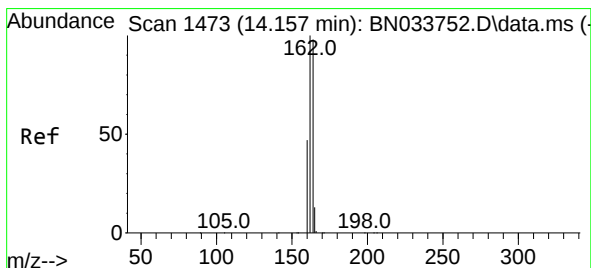
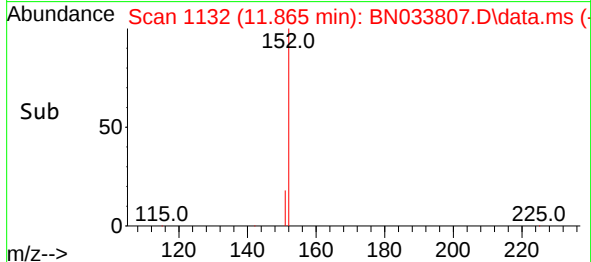
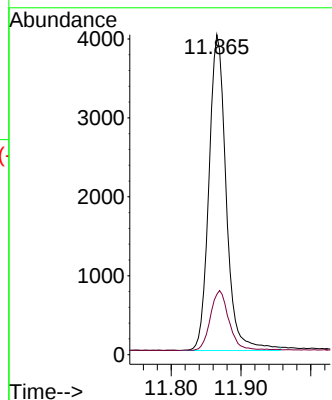
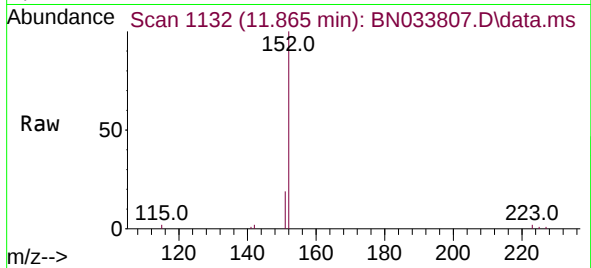




#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 11.865 min Scan# 1134
Delta R.T. -0.008 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

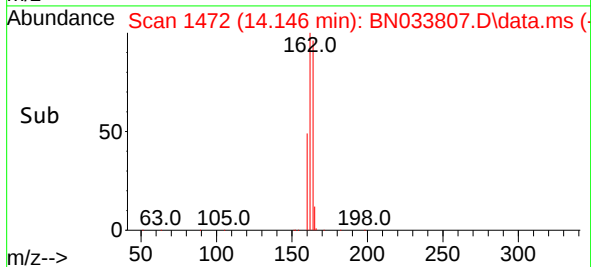
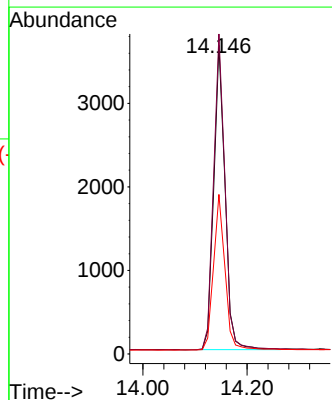
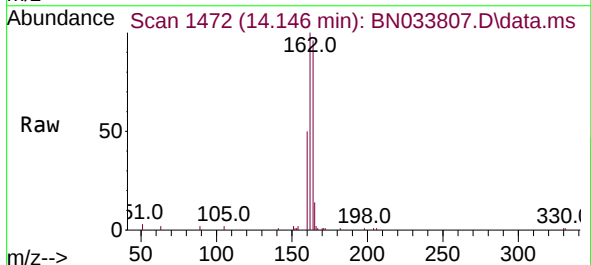
Instrument :
BNA_N
ClientSampleId :
SP6615

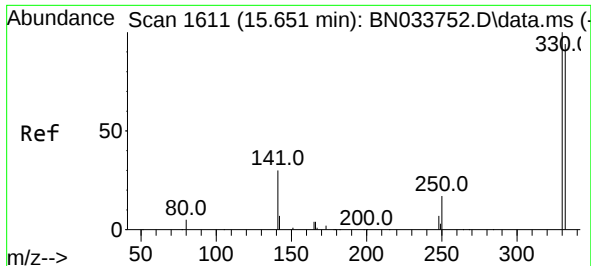
Tgt Ion:152 Resp: 6873
Ion Ratio Lower Upper
152 100
151 20.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Tgt Ion:164 Resp: 5475
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 51.7 39.1 58.7

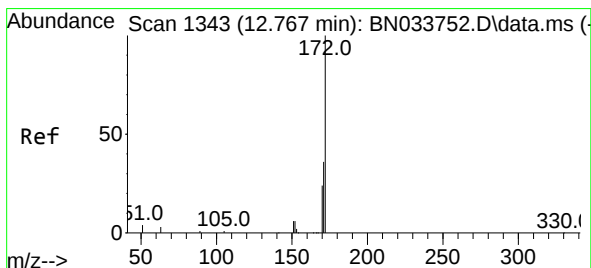
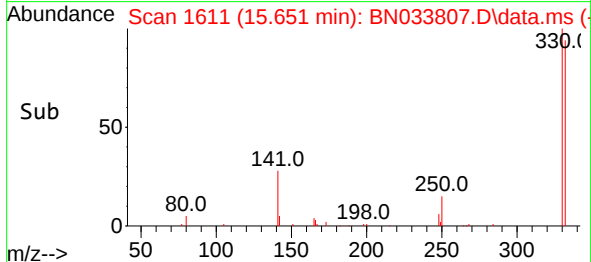
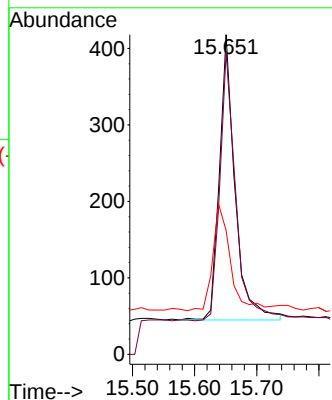
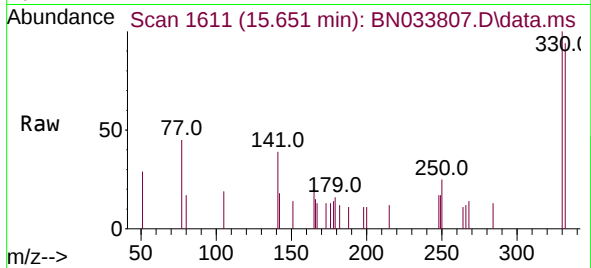




#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

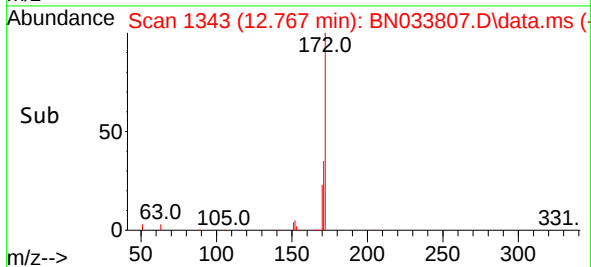
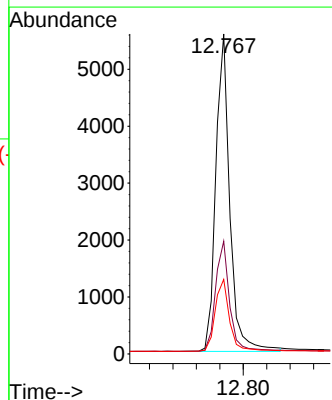
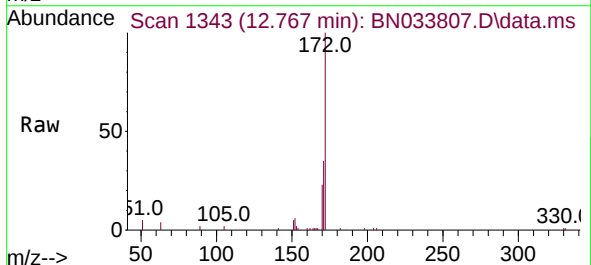
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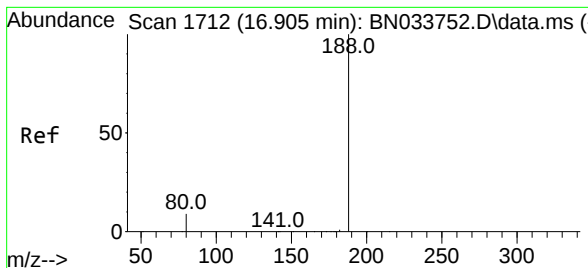
Tgt Ion:330 Resp: 652
Ion Ratio Lower Upper
330 100
332 95.9 74.2 111.4
141 42.3 33.9 50.9



#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.767 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Tgt Ion:172 Resp: 9170
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.3 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.904 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BN033807.D

Acq: 07 Sep 2024 06:43

Instrument :

BNA_N

ClientSampleId :

SP6615

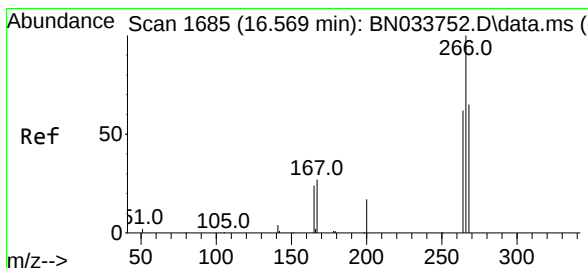
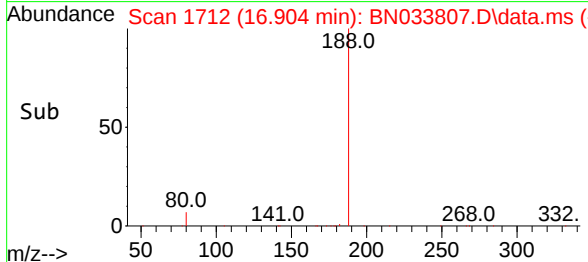
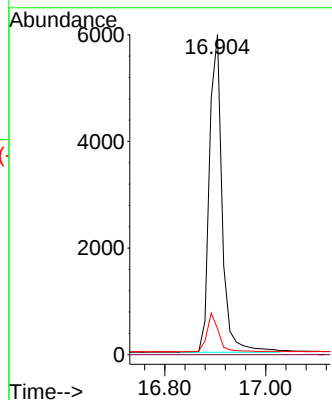
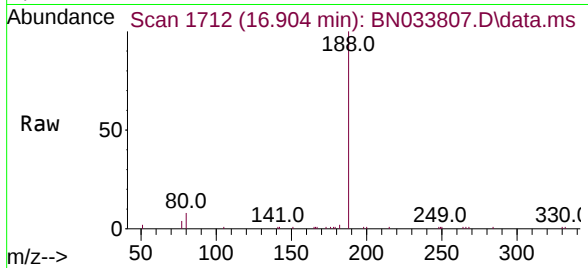
Tgt Ion:188 Resp: 10444

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 7.9 11.9



#24

Pentachlorophenol

Concen: 0.020 ng

RT: 16.569 min Scan# 1685

Delta R.T. -0.000 min

Lab File: BN033807.D

Acq: 07 Sep 2024 06:43

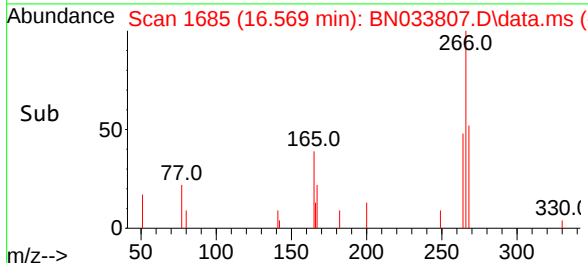
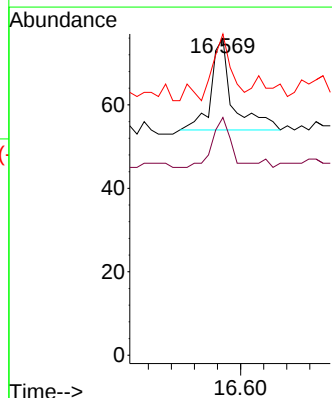
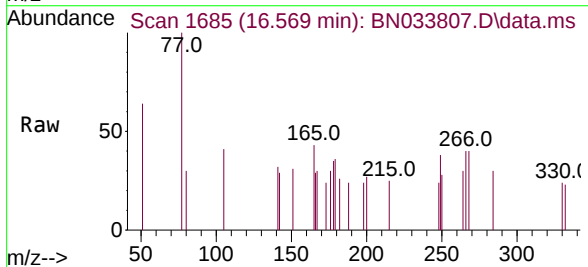
Tgt Ion:266 Resp: 57

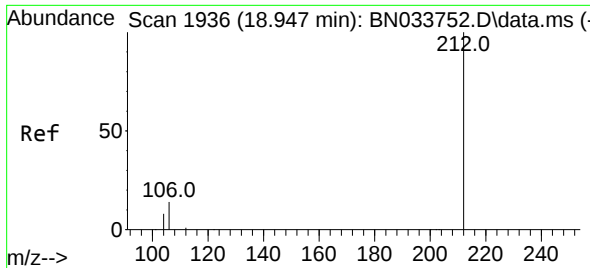
Ion Ratio Lower Upper

266 100

264 45.6 49.6 74.4#

268 59.6 52.2 78.4

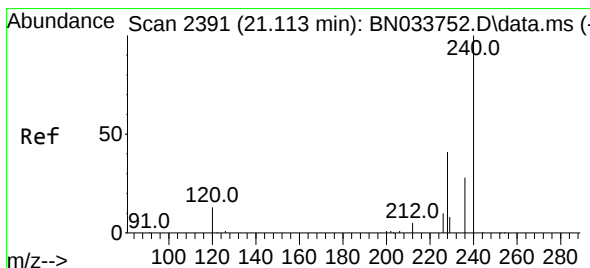
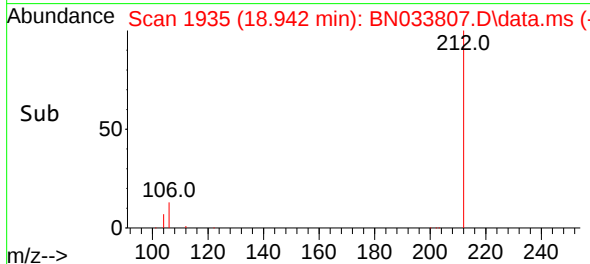
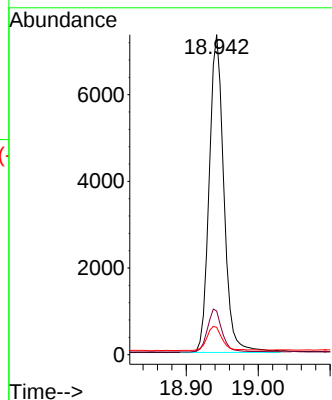
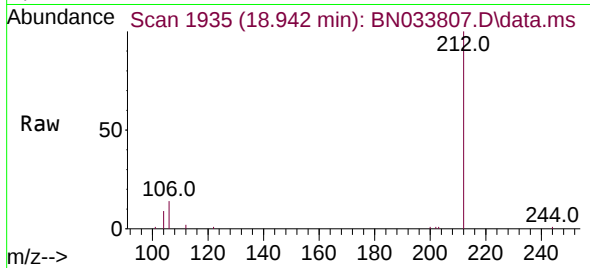




#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 18.942 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

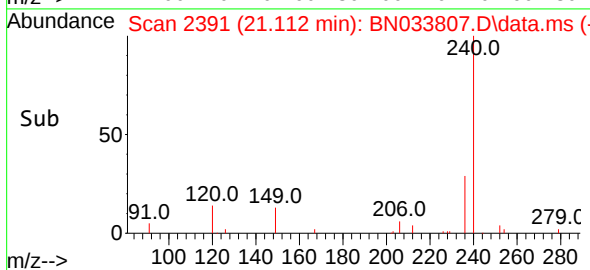
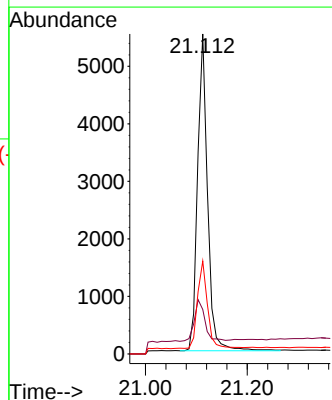
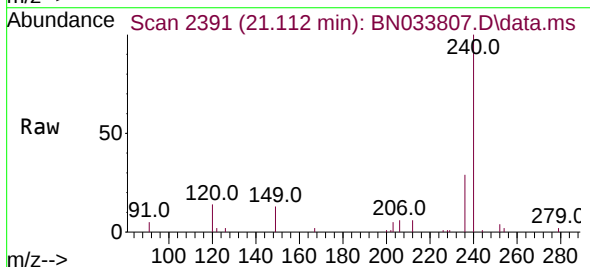
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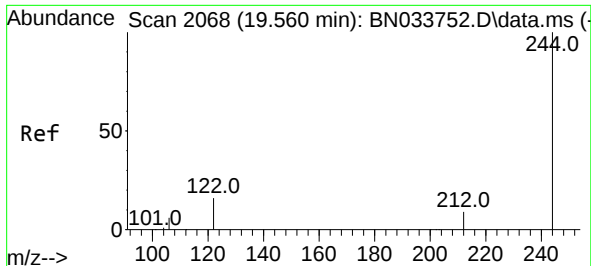
Tgt Ion	Ratio	Lower	Upper
212	100		
106	13.3	11.5	17.3
104	8.1	6.6	9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.112 min Scan# 2391
Delta R.T. -0.000 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

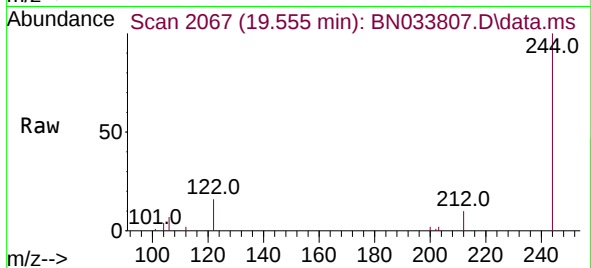
Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	13.7	20.5
236	29.0	23.4	35.2



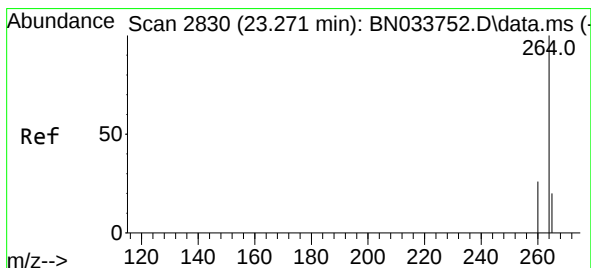
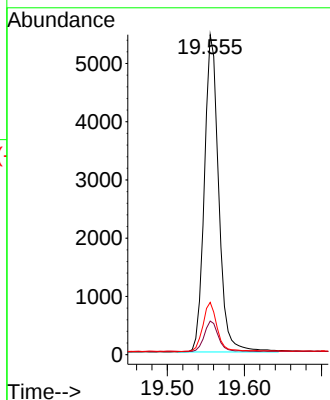
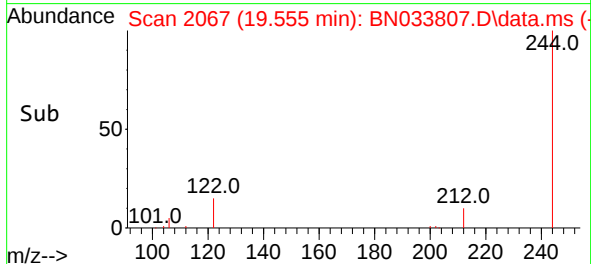


#31
Terphenyl-d14
Concen: 0.439 ng
RT: 19.555 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Instrument :
BNA_N
ClientSampleId :
SP6615



Tgt Ion:244 Resp: 7042
Ion Ratio Lower Upper
244 100
212 10.5 7.9 11.9
122 16.3 13.2 19.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.262 min Scan# 2827
Delta R.T. -0.009 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Tgt Ion:264 Resp: 8027
Ion Ratio Lower Upper
264 100
260 26.2 21.1 31.7
265 89.2 72.0 108.0

