

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
 Data File : BN033822.D
 Acq On : 09 Sep 2024 18:26
 Operator : MA/JU
 Sample : P3827-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-489.5-090324DL

Quant Time: Sep 10 03:17:45 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)

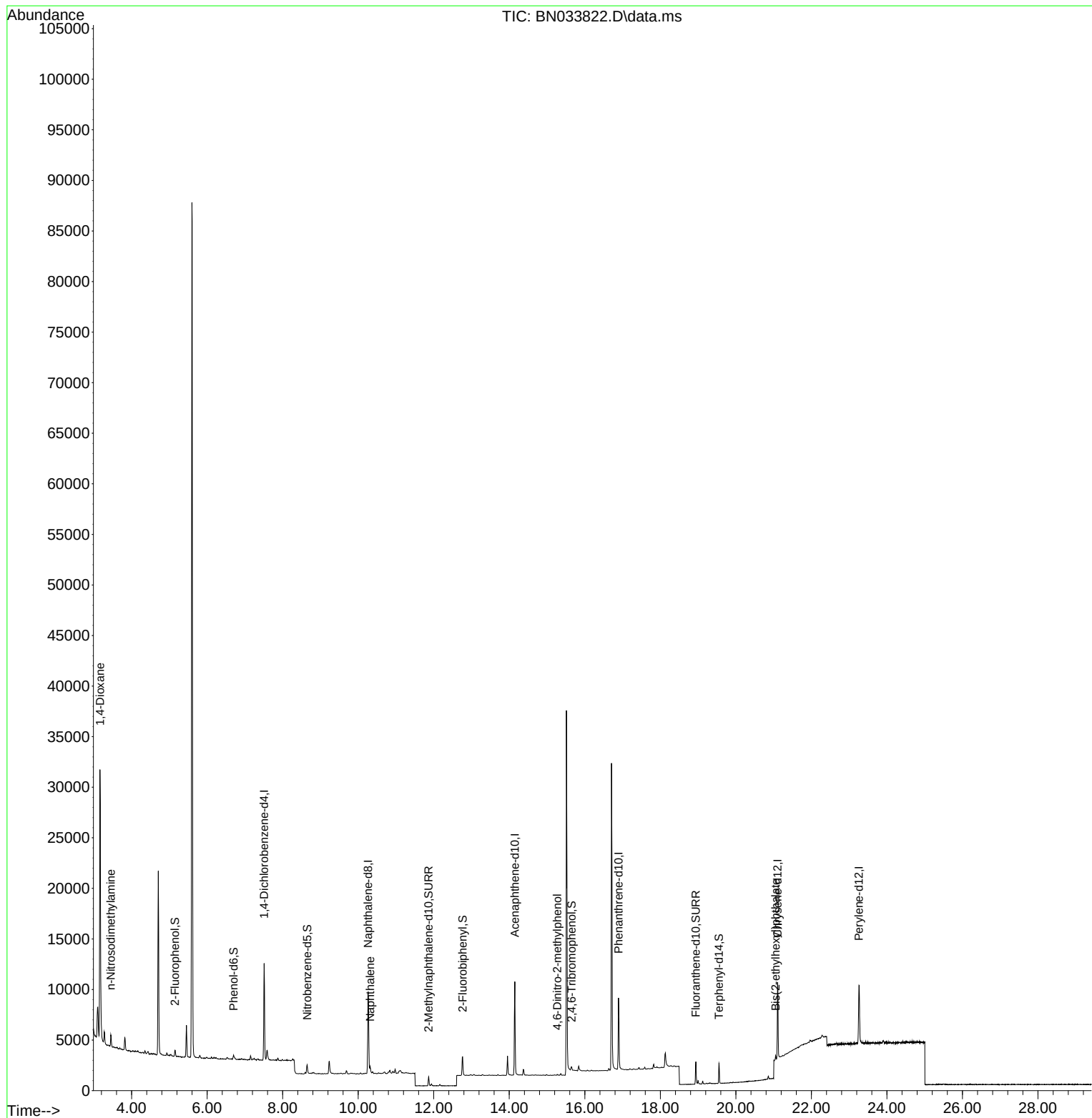
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.509	152	4442	0.400	ng	0.00
7) Naphthalene-d8	10.261	136	11100	0.400	ng	-0.01
13) Acenaphthene-d10	14.146	164	4981	0.400	ng	-0.01
19) Phenanthrene-d10	16.892	188	9942	0.400	ng	#-0.01
29) Chrysene-d12	21.104	240	7523	0.400	ng	# 0.00
35) Perylene-d12	23.259	264	7740	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.147	112	480	0.035	ng	0.00
5) Phenol-d6	6.700	99	345	0.021	ng	0.00
8) Nitrobenzene-d5	8.649	82	743	0.079	ng	0.00
11) 2-Methylnaphthalene-d10	11.866	152	1260	0.080	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	214	0.085	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	1839	0.089	ng	0.00
27) Fluoranthene-d10	18.938	212	2501	0.102	ng	0.00
31) Terphenyl-d14	19.551	244	1877	0.117	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	18153	3.592	ng	99
3) n-Nitrosodimethylamine	3.450	42	185	0.031	ng	# 1
9) Naphthalene	10.314	128	837	0.028	ng	# 78
20) 4,6-Dinitro-2-methylph...	15.268	198	81	0.052	ng	# 26
34) Bis(2-ethylhexyl)phtha...	21.050	149	411	0.028	ng	# 94

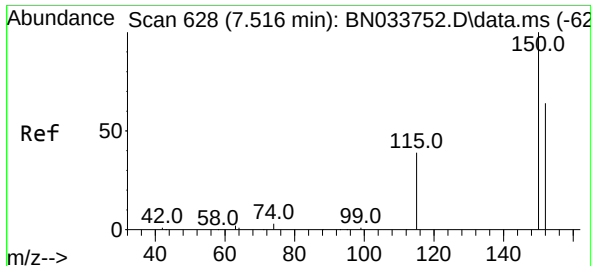
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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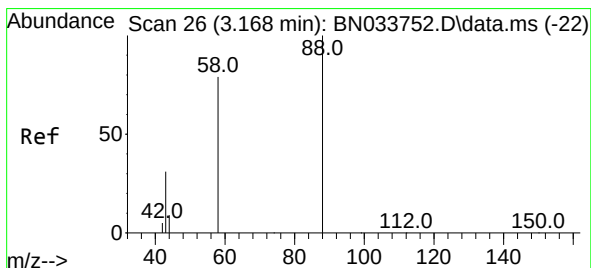
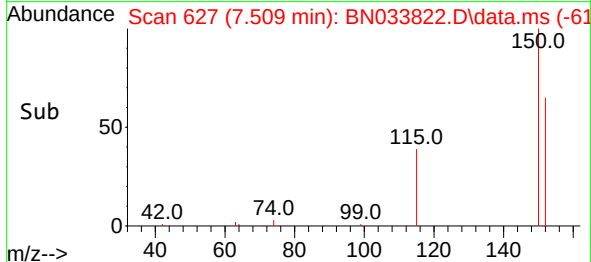
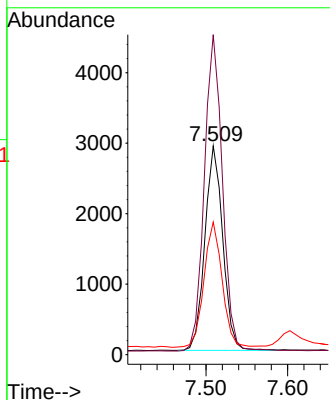
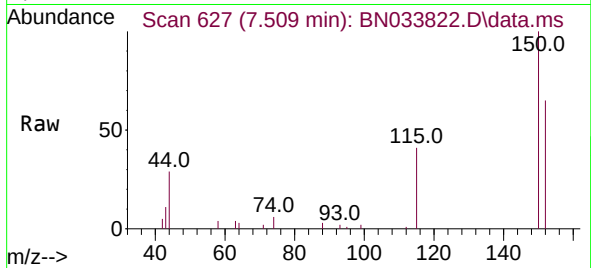




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.509 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033822.D
 Acq: 09 Sep 2024 18:26

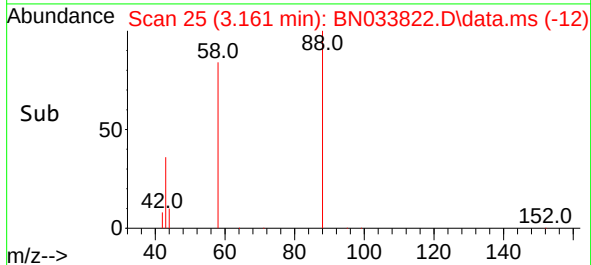
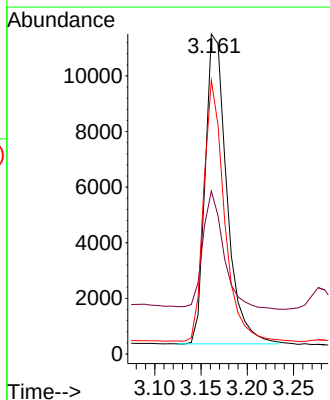
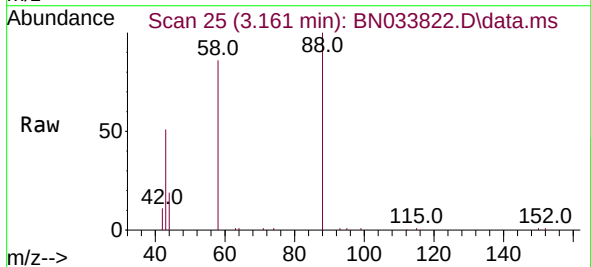
Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-489.5-090324DL

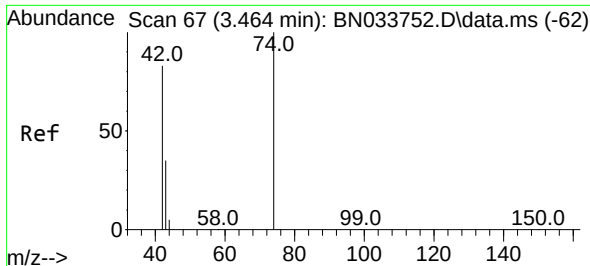
Tgt Ion:152 Resp: 4442
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.3 184.9
 115 63.5 51.0 76.4



#2
 1,4-Dioxane
 Concen: 3.592 ng
 RT: 3.161 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN033822.D
 Acq: 09 Sep 2024 18:26

Tgt Ion: 88 Resp: 18153
 Ion Ratio Lower Upper
 88 100
 43 37.0 29.0 43.4
 58 79.9 64.1 96.1

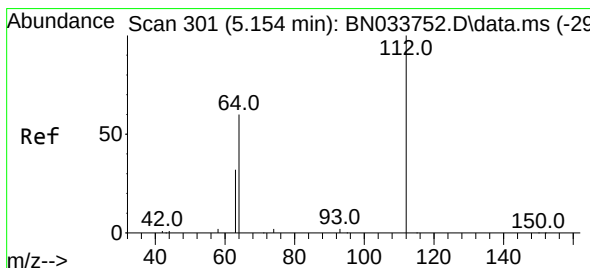
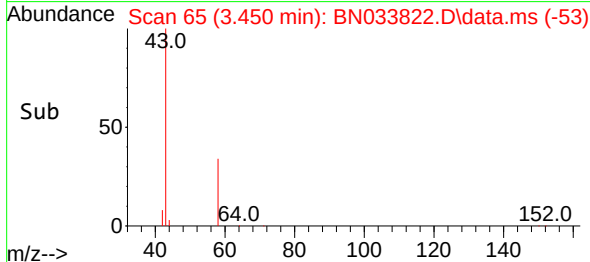
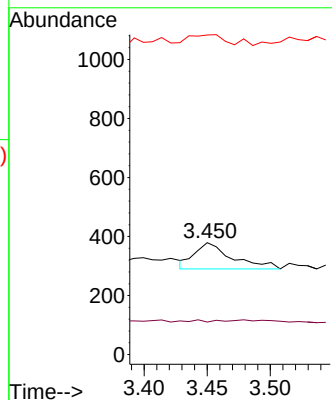
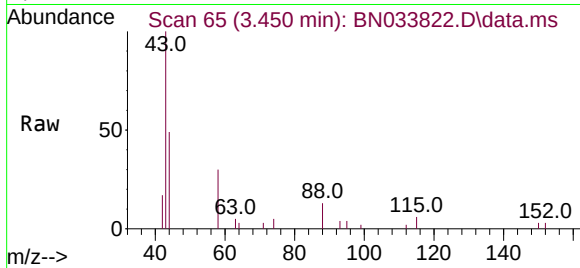




#3
n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 3.450 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN033822.D
Acq: 09 Sep 2024 18:26

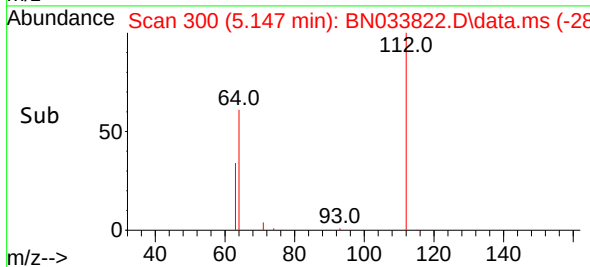
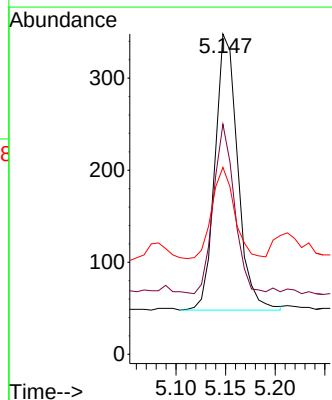
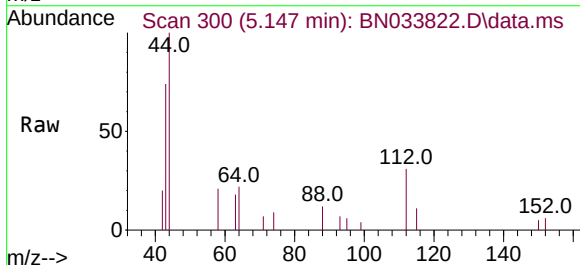
Instrument :
BNA_N
ClientSampleId :
BR-03D-489.5-090324DL

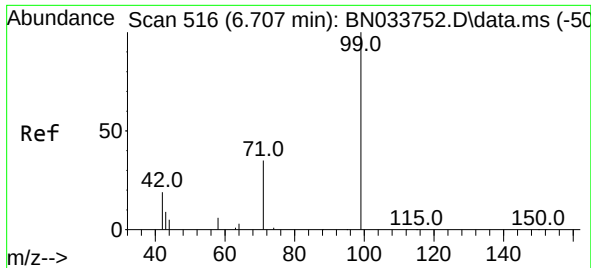
Tgt Ion: 42 Resp: 185
Ion Ratio Lower Upper
42 100
74 3.2 93.5 140.3#
44 33.5 7.4 11.0#



#4
2-Fluorophenol
Concen: 0.035 ng
RT: 5.147 min Scan# 300
Delta R.T. -0.007 min
Lab File: BN033822.D
Acq: 09 Sep 2024 18:26

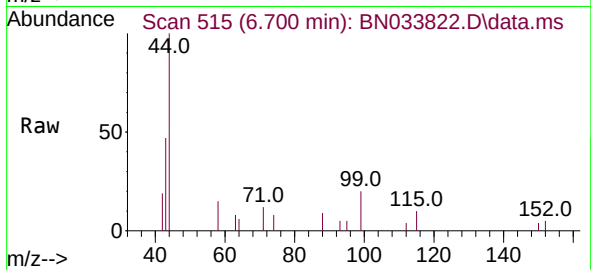
Tgt Ion: 112 Resp: 480
Ion Ratio Lower Upper
112 100
64 55.4 47.6 71.4
63 32.7 25.9 38.9



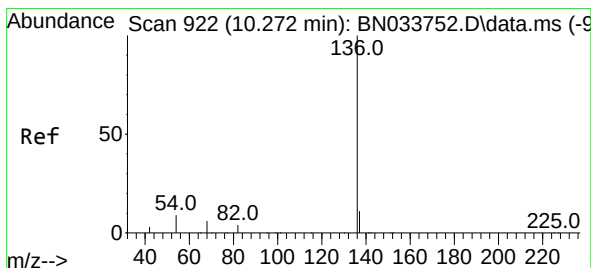
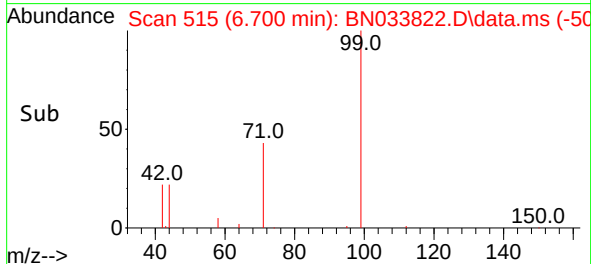
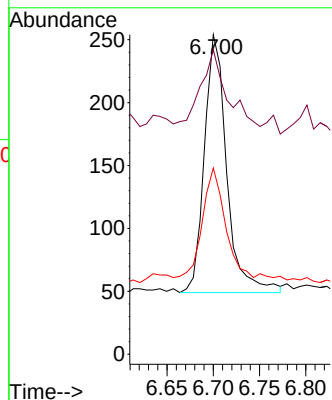


#5
Phenol-d6
Concen: 0.021 ng
RT: 6.700 min Scan# 516
Delta R.T. -0.007 min
Lab File: BN033822.D
Acq: 09 Sep 2024 18:26

Instrument :
BNA_N
ClientSampleId :
BR-03D-489.5-090324DL

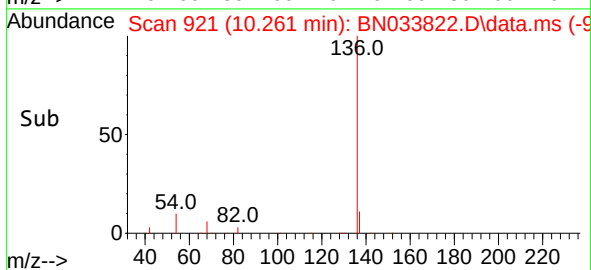
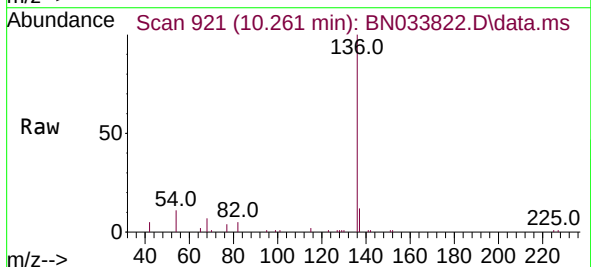
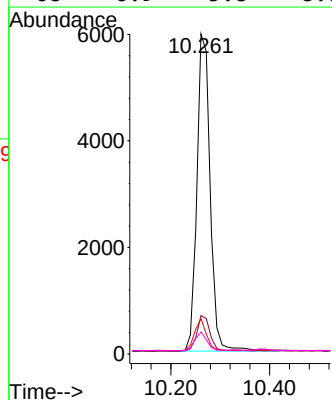


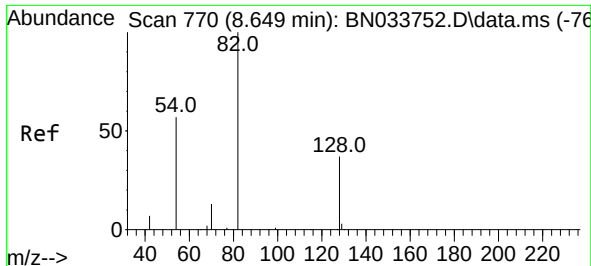
Tgt Ion: 99 Resp: 345
Ion Ratio Lower Upper
99 100
42 33.6 18.0 27.0#
71 45.2 28.7 43.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.261 min Scan# 921
Delta R.T. -0.011 min
Lab File: BN033822.D
Acq: 09 Sep 2024 18:26

Tgt Ion: 136 Resp: 11100
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.4
54 11.0 8.1 12.1
68 6.9 5.8 8.8

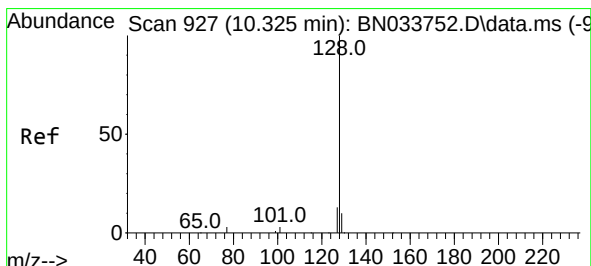
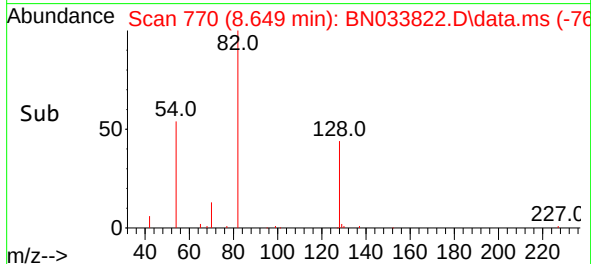
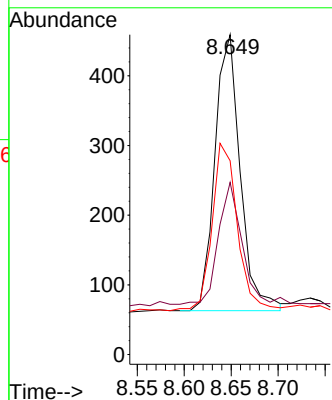
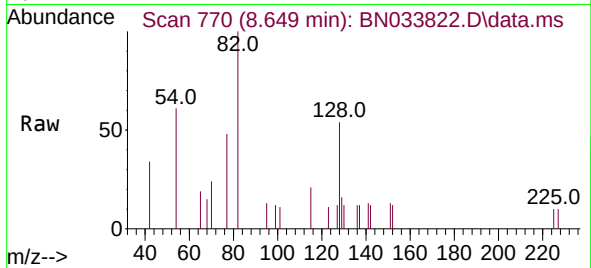




#8
Nitrobenzene-d5
Concen: 0.079 ng
RT: 8.649 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN033822.D
Acq: 09 Sep 2024 18:26

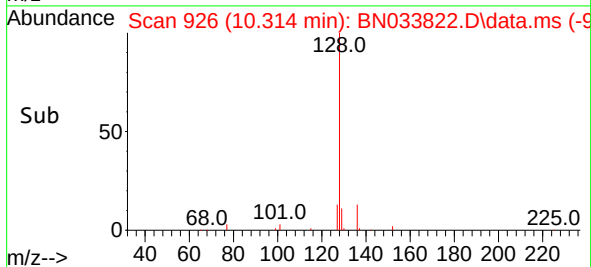
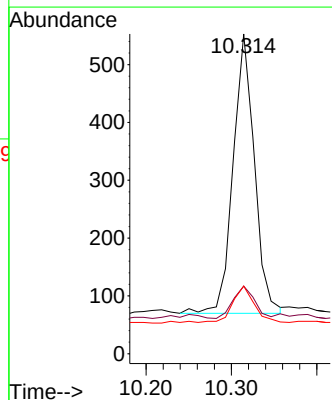
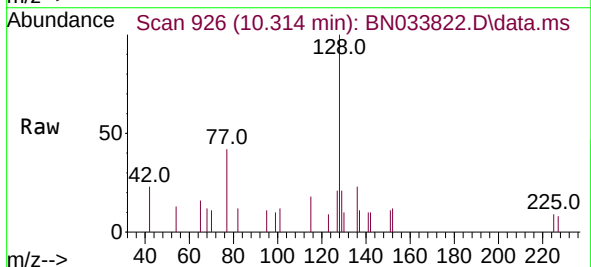
Instrument :
BNA_N
ClientSampleId :
BR-03D-489.5-090324DL

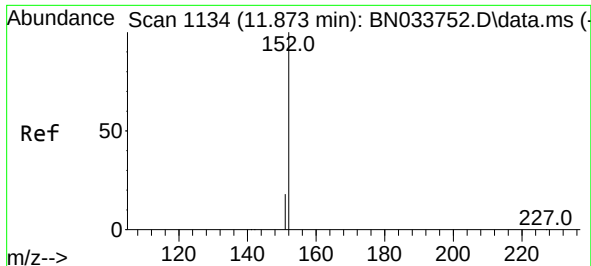
Tgt Ion: 82 Resp: 743
Ion Ratio Lower Upper
82 100
128 53.8 31.3 46.9#
54 60.6 46.9 70.3



#9
Naphthalene
Concen: 0.028 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.011 min
Lab File: BN033822.D
Acq: 09 Sep 2024 18:26

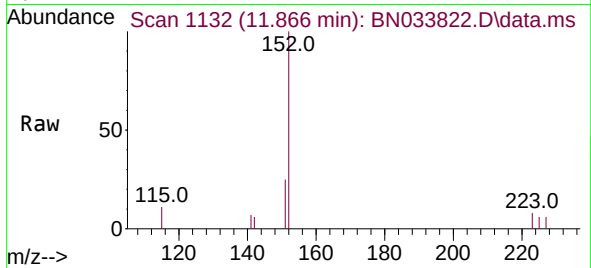
Tgt Ion: 128 Resp: 837
Ion Ratio Lower Upper
128 100
129 21.2 8.9 13.3#
127 21.2 10.8 16.2#



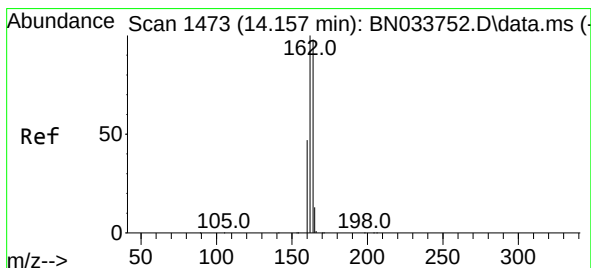
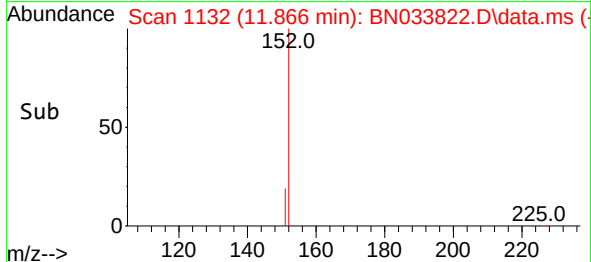
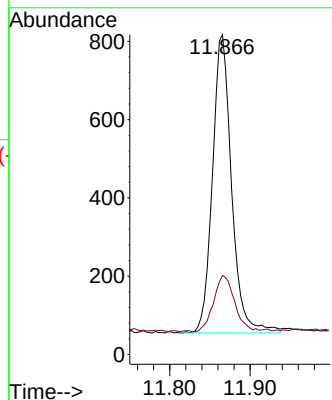


#11
2-Methylnaphthalene-d10
Concen: 0.080 ng
RT: 11.866 min Scan# 1132
Delta R.T. -0.008 min
Lab File: BN033822.D
Acq: 09 Sep 2024 18:26

Instrument :
BNA_N
ClientSampleId :
BR-03D-489.5-090324DL

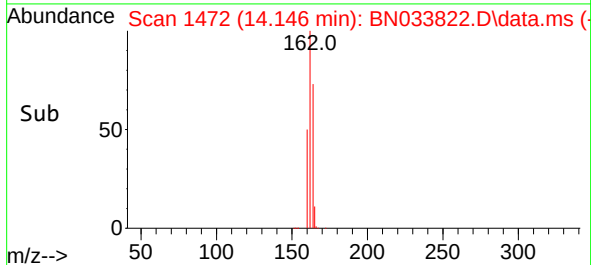
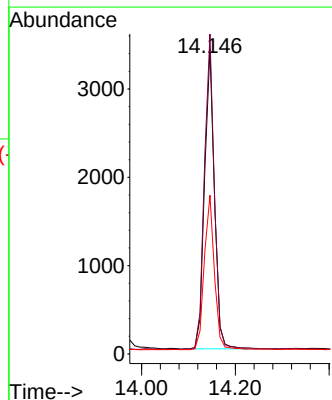
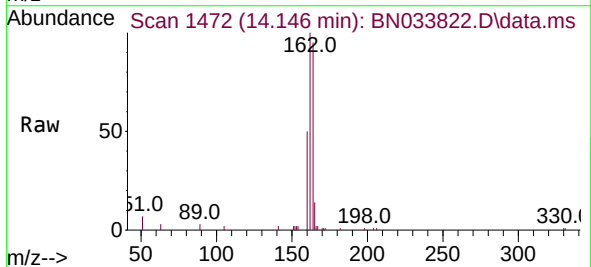


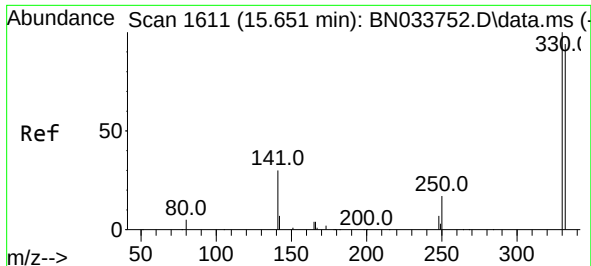
Tgt Ion:152 Resp: 1260
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033822.D
Acq: 09 Sep 2024 18:26

Tgt Ion:164 Resp: 4981
Ion Ratio Lower Upper
164 100
162 105.0 82.0 123.0
160 52.1 39.1 58.7

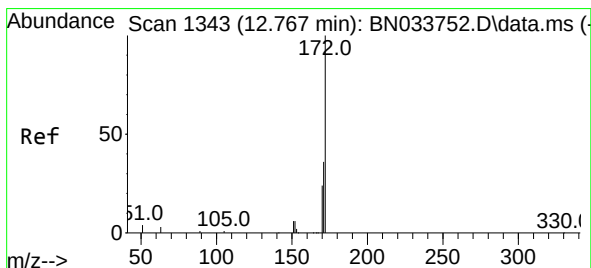
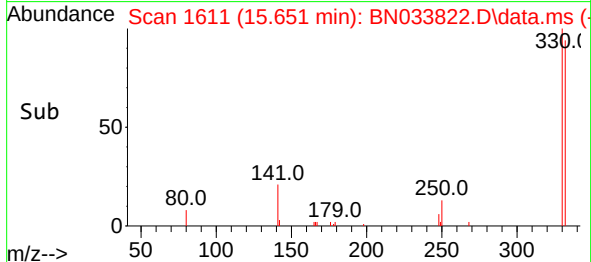
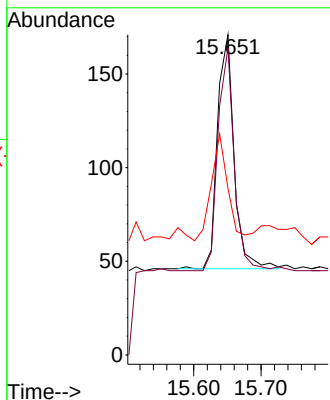
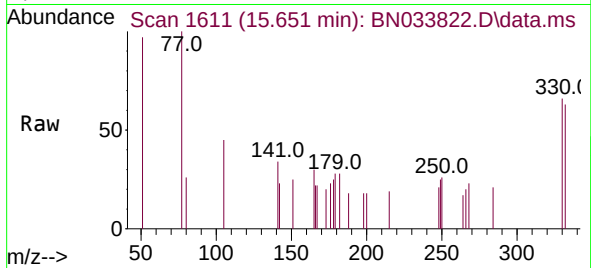




#14
2,4,6-Tribromophenol
Concen: 0.085 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033822.D
Acq: 09 Sep 2024 18:26

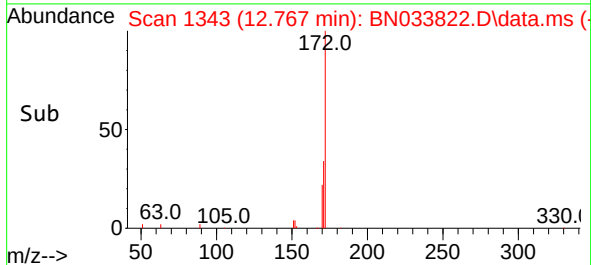
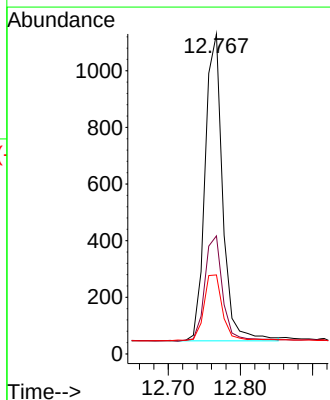
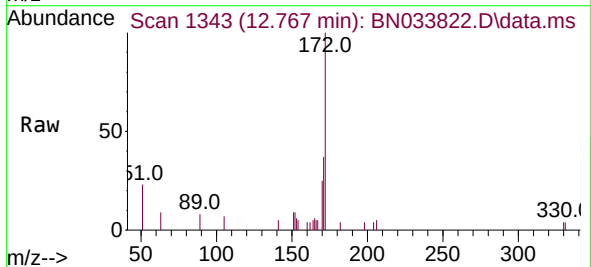
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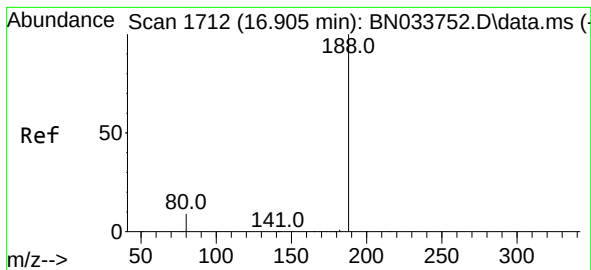
Tgt Ion:	330	Resp:	214
Ion	Ratio	Lower	Upper
330	100		
332	93.9	74.2	111.4
141	44.9	33.9	50.9



#15
2-Fluorobiphenyl
Concen: 0.089 ng
RT: 12.767 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN033822.D
Acq: 09 Sep 2024 18:26

Tgt Ion:	172	Resp:	1839
Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.8	43.2
170	24.7	19.7	29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.892 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN033822.D

Acq: 09 Sep 2024 18:26

Instrument :

BNA_N

ClientSampleId :

BR-03D-489.5-090324DL

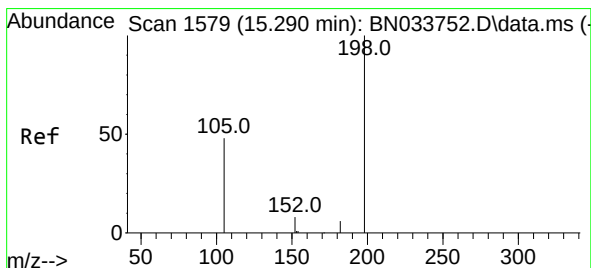
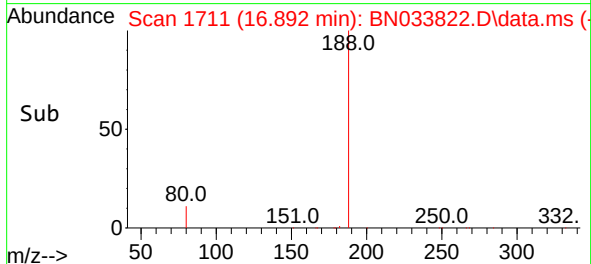
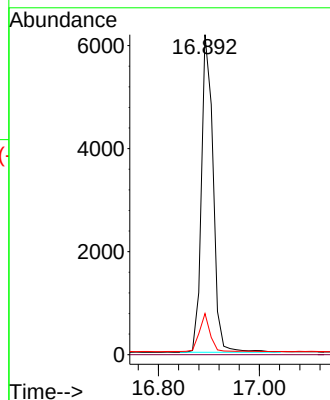
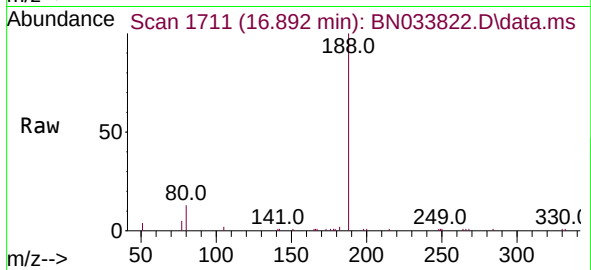
Tgt Ion:188 Resp: 9942

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.9 7.9 11.9#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.052 ng

RT: 15.268 min Scan# 1577

Delta R.T. -0.022 min

Lab File: BN033822.D

Acq: 09 Sep 2024 18:26

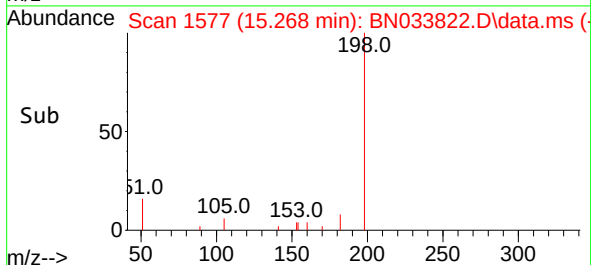
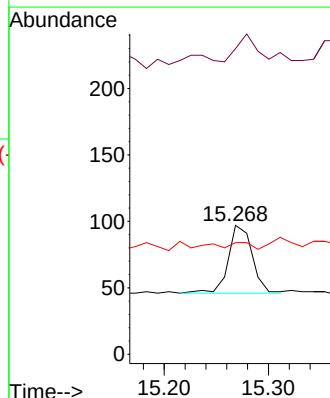
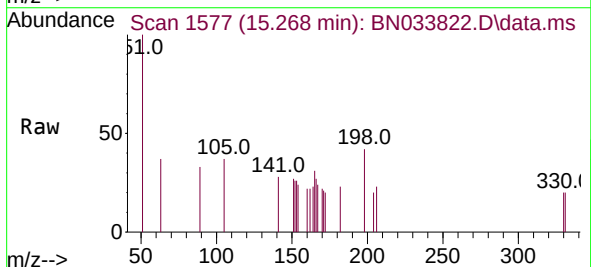
Tgt Ion:198 Resp: 81

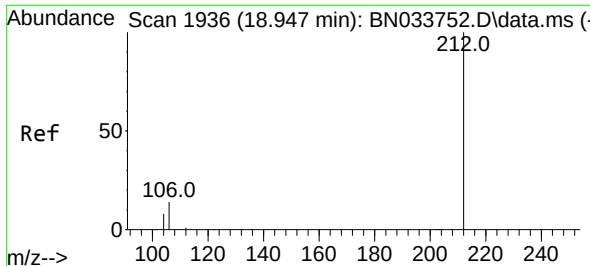
Ion Ratio Lower Upper

198 100

51 237.1 92.8 139.2#

105 86.6 59.4 89.0

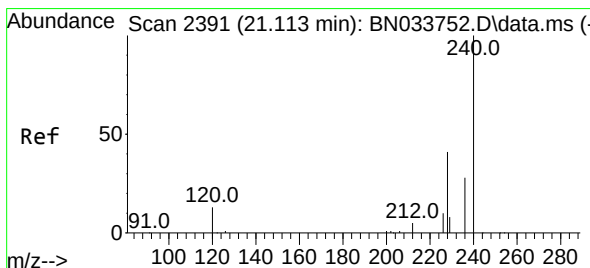
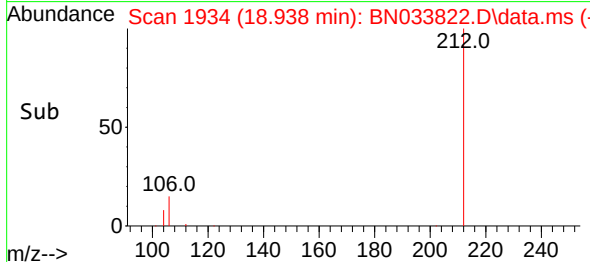
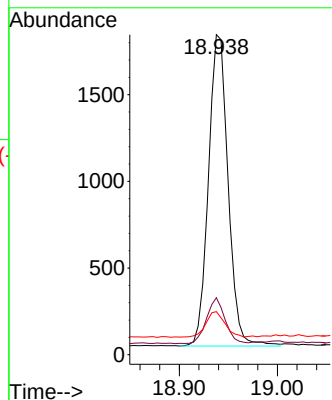
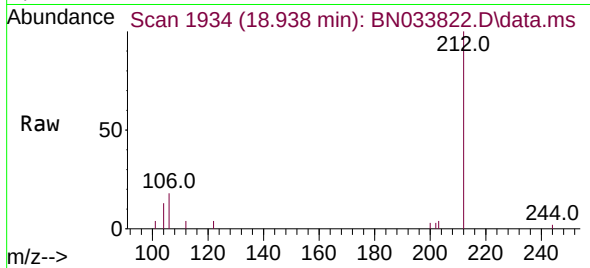




#27
Fluoranthene-d10
Concen: 0.102 ng
RT: 18.938 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BN033822.D
Acq: 09 Sep 2024 18:26

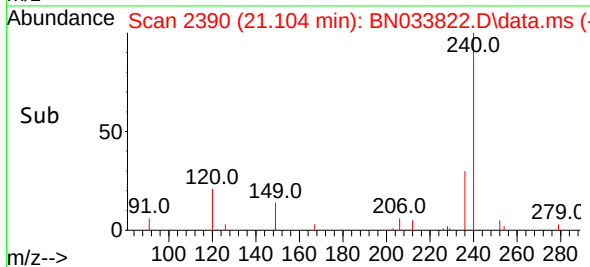
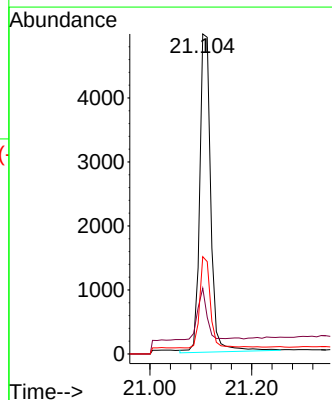
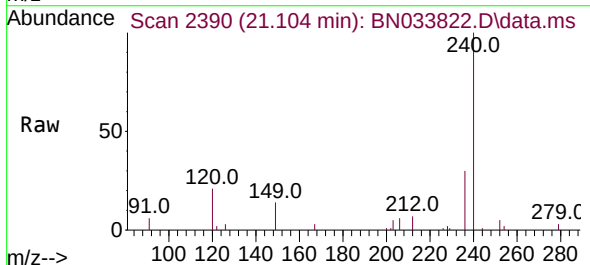
Instrument :
BNA_N
ClientSampleId :
BR-03D-489.5-090324DL

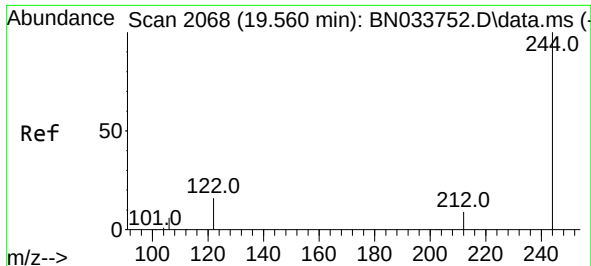
Tgt Ion:212 Resp: 2501
Ion Ratio Lower Upper
212 100
106 13.7 11.5 17.3
104 7.9 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.104 min Scan# 2390
Delta R.T. -0.009 min
Lab File: BN033822.D
Acq: 09 Sep 2024 18:26

Tgt Ion:240 Resp: 7523
Ion Ratio Lower Upper
240 100
120 20.5 13.7 20.5#
236 30.4 23.4 35.2

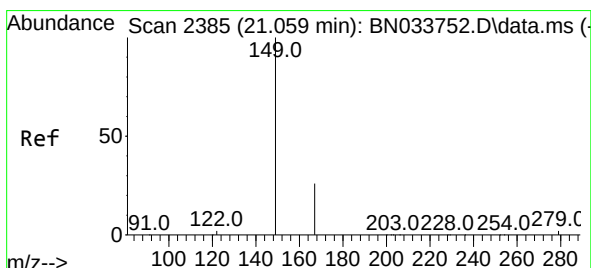
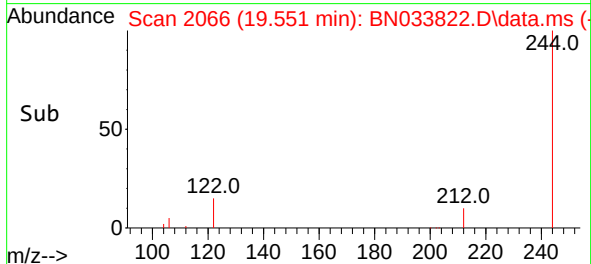
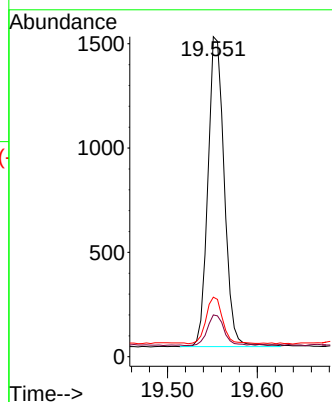
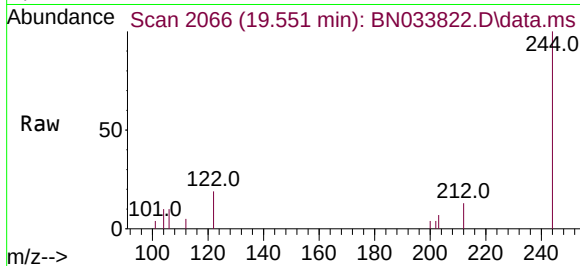




#31
 Terphenyl-d14
 Concen: 0.117 ng
 RT: 19.551 min Scan# 2066
 Delta R.T. -0.009 min
 Lab File: BN033822.D
 Acq: 09 Sep 2024 18:26

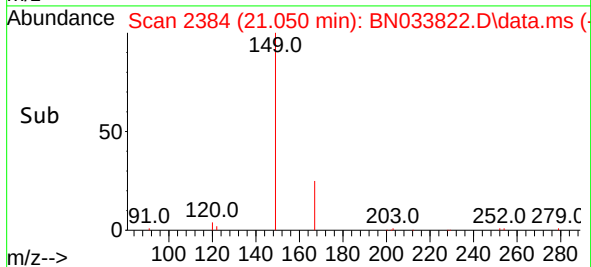
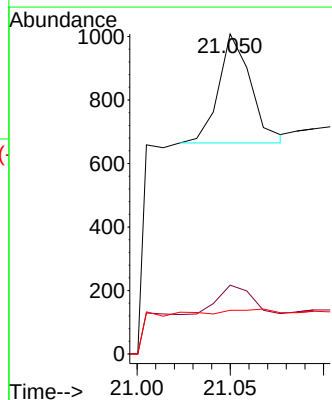
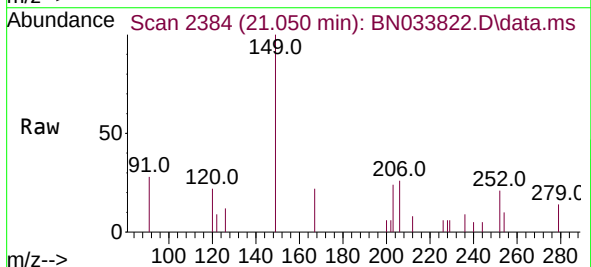
Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-489.5-090324DL

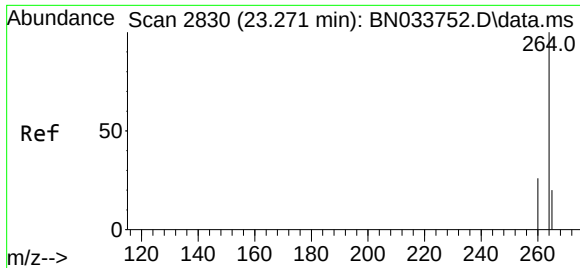
Tgt Ion:244 Resp: 1877
 Ion Ratio Lower Upper
 244 100
 212 13.0 7.9 11.9#
 122 18.6 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.028 ng
 RT: 21.050 min Scan# 2384
 Delta R.T. -0.009 min
 Lab File: BN033822.D
 Acq: 09 Sep 2024 18:26

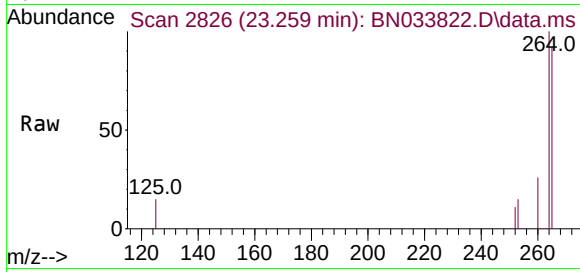
Tgt Ion:149 Resp: 411
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.0 31.4
 279 0.0 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.259 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN033822.D
 Acq: 09 Sep 2024 18:26

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-489.5-090324DL



Tgt Ion:264 Resp: 7740

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.1	31.7
265	91.9	72.0	108.0

