

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034067.D
 Acq On : 20 Sep 2024 02:57
 Operator : JU/RC
 Sample : P3957-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW305D-20240910

Quant Time: Sep 20 03:50:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

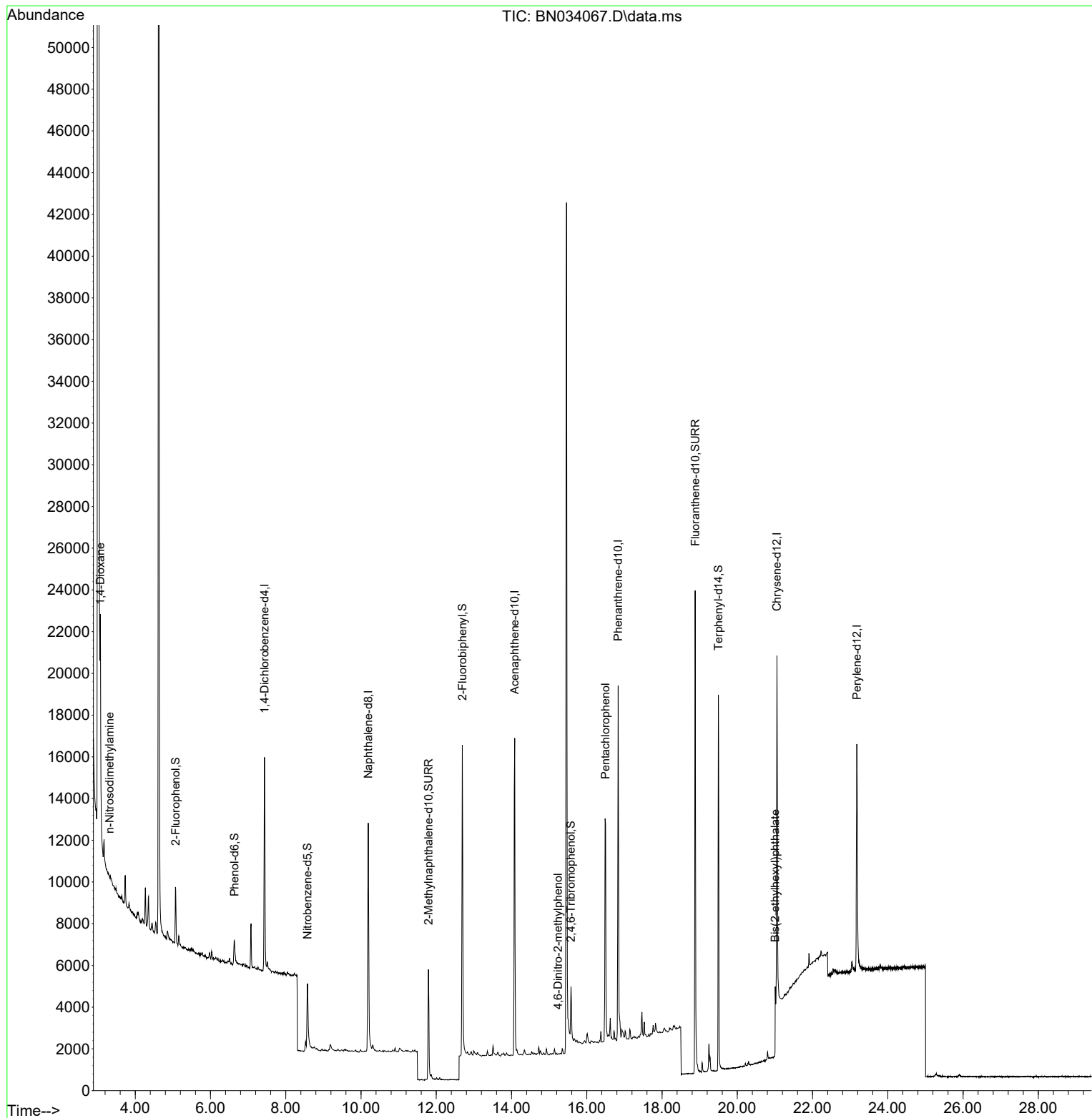
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	5360	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15498	0.400	ng	0.00
13) Acenaphthene-d10	14.083	164	9061	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	21444	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	16206	0.400	ng	0.00
35) Perylene-d12	23.177	264	14678	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	2134	0.140	ng	0.00
5) Phenol-d6	6.636	99	1294	0.073	ng	0.00
8) Nitrobenzene-d5	8.578	82	3634	0.307	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	8153	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1429	0.348	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	13665	0.371	ng	0.00
27) Fluoranthene-d10	18.880	212	24802	0.458	ng	0.00
31) Terphenyl-d14	19.498	244	16700	0.516	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.075	88	4214	0.629	ng	# 74
3) n-Nitrosodimethylamine	3.321	42	294	0.039	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.238	198	20	0.143	ng	# 1
24) Pentachlorophenol	16.498	266	5873	1.314	ng	100
34) Bis(2-ethylhexyl)phtha...	21.008	149	1773	0.083	ng	# 84

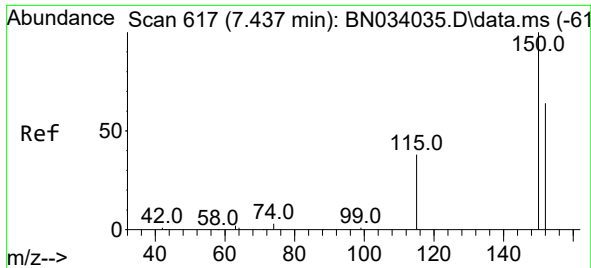
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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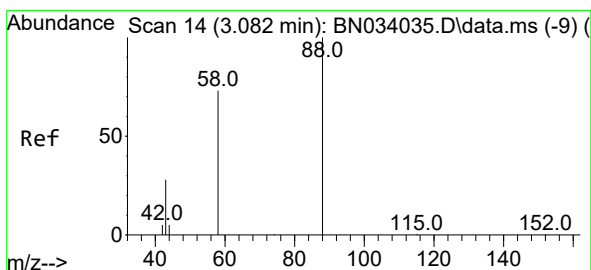
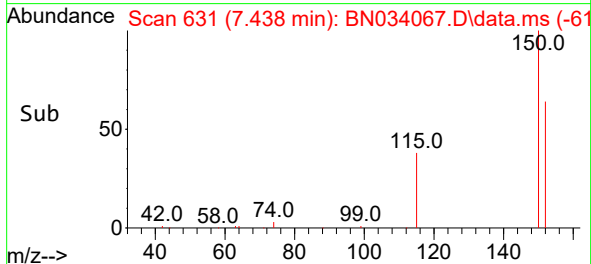
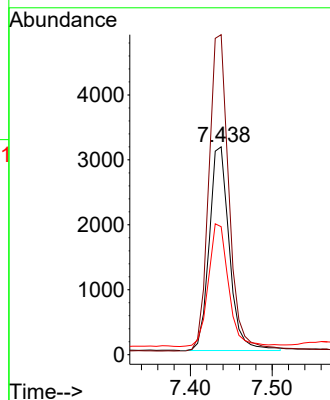
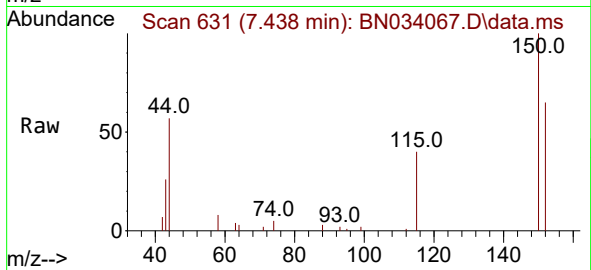




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.438 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN034067.D
 Acq: 20 Sep 2024 02:57

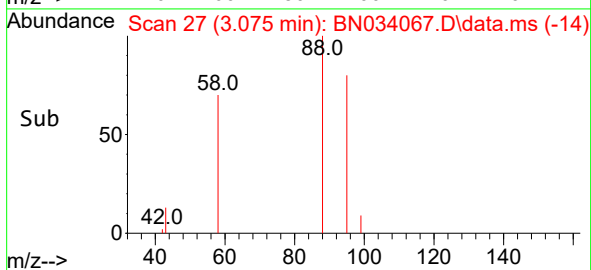
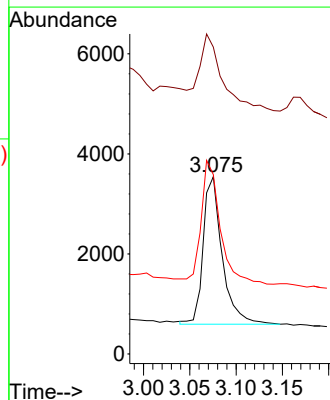
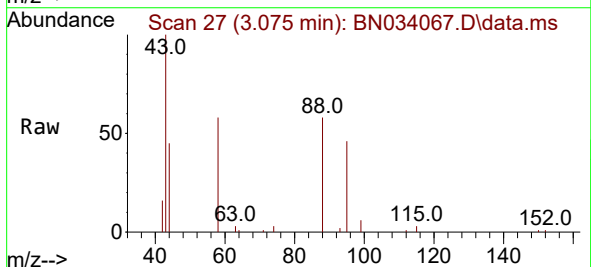
Instrument :
 BNA_N
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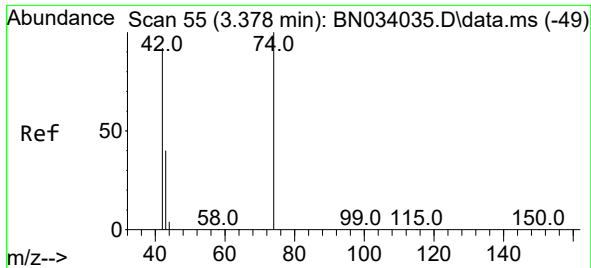
Tgt Ion:152 Resp: 5360
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.6 187.0
 115 61.5 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.629 ng
 RT: 3.075 min Scan# 27
 Delta R.T. -0.006 min
 Lab File: BN034067.D
 Acq: 20 Sep 2024 02:57

Tgt Ion: 88 Resp: 4214
 Ion Ratio Lower Upper
 88 100
 43 65.0 25.8 38.8#
 58 83.7 58.8 88.2

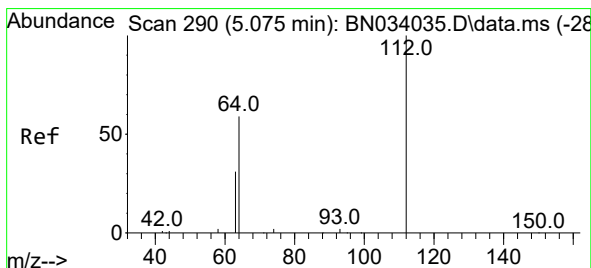
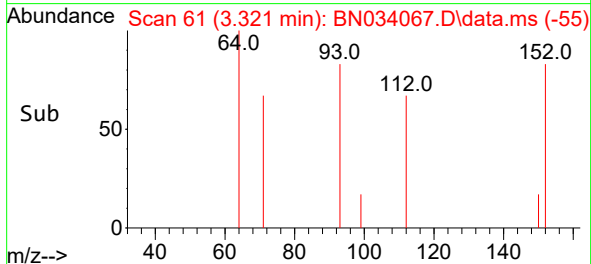
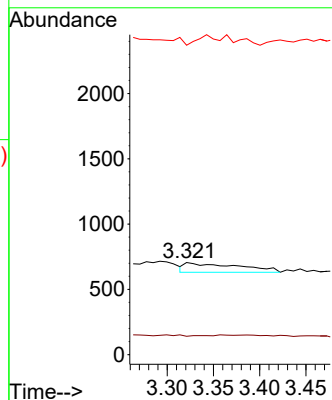
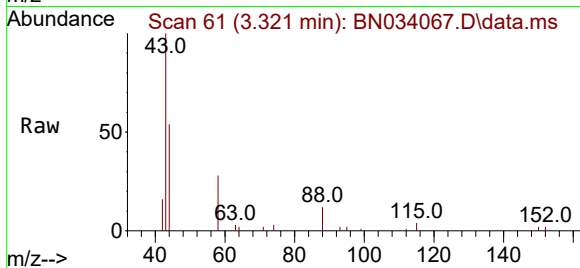




#3
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 3.321 min Scan# 61
Delta R.T. -0.057 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

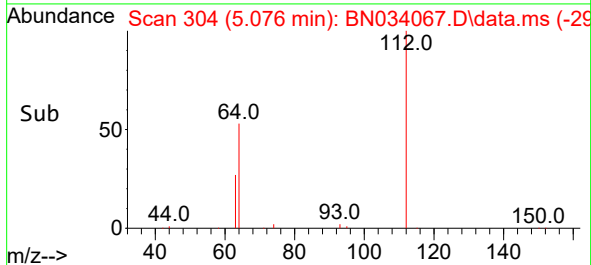
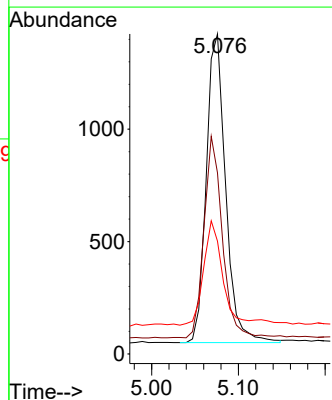
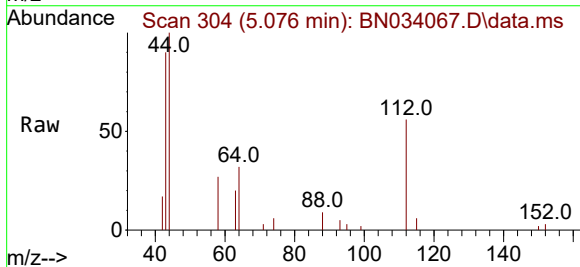
Instrument :
BNA_N
ClientSampleId :
MW305D-20240910

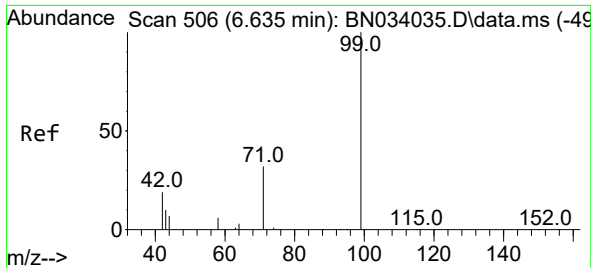
Tgt Ion: 42 Resp: 294
Ion Ratio Lower Upper
42 100
74 0.0 94.6 142.0#
44 0.0 12.4 18.6#



#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

Tgt Ion: 112 Resp: 2134
Ion Ratio Lower Upper
112 100
64 61.8 48.6 72.8
63 32.3 25.6 38.4

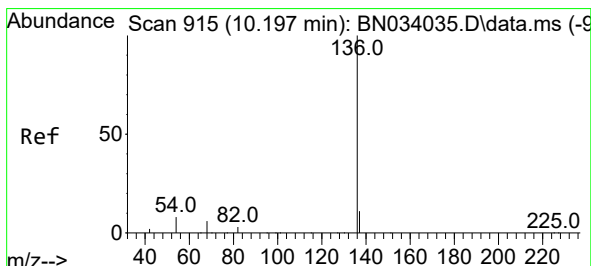
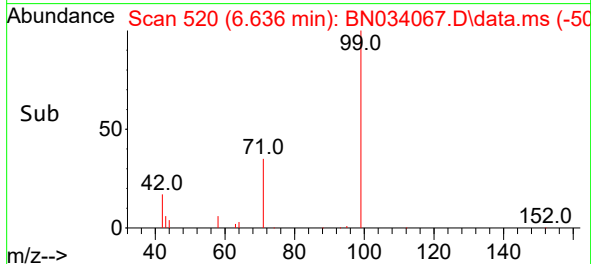
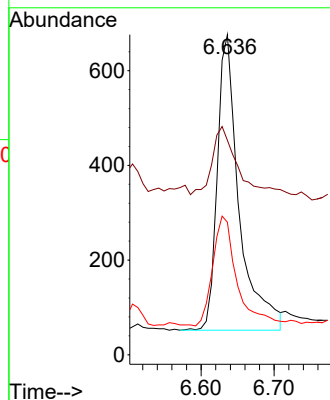
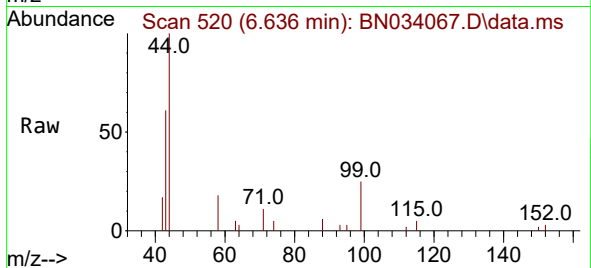




#5
Phenol-d6
Concen: 0.073 ng
RT: 6.636 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

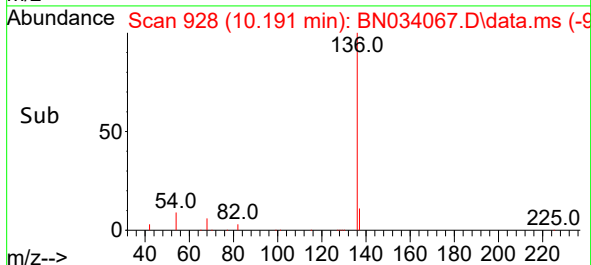
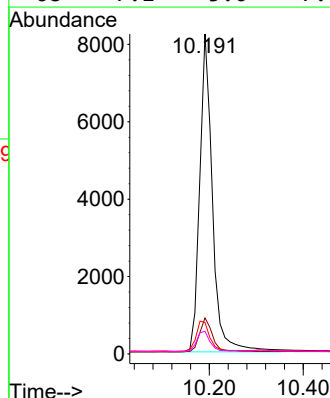
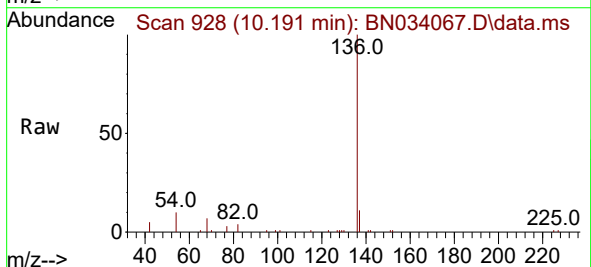
Instrument :
BNA_N
ClientSampleId :
MW305D-20240910

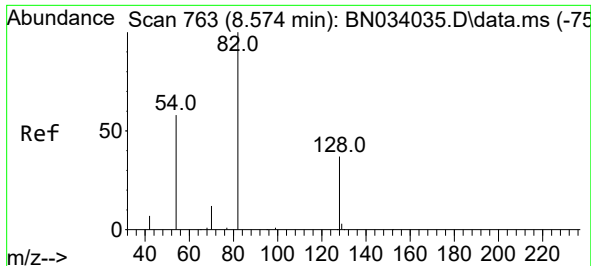
Tgt Ion: 99 Resp: 1294
Ion Ratio Lower Upper
99 100
42 26.0 17.8 26.8
71 40.0 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 928
Delta R.T. -0.006 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

Tgt Ion:136 Resp: 15498
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.8 6.8 10.2
68 7.1 5.0 7.6

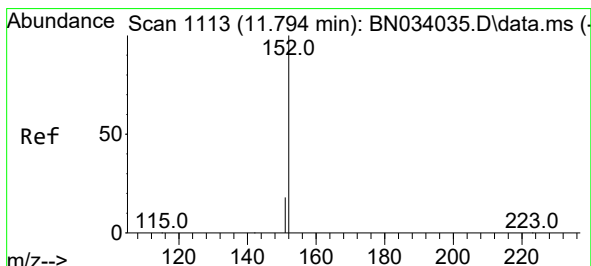
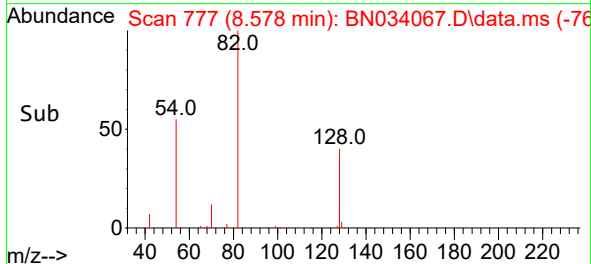
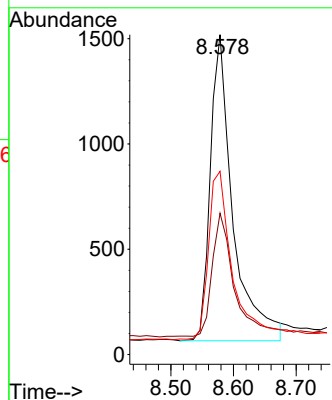
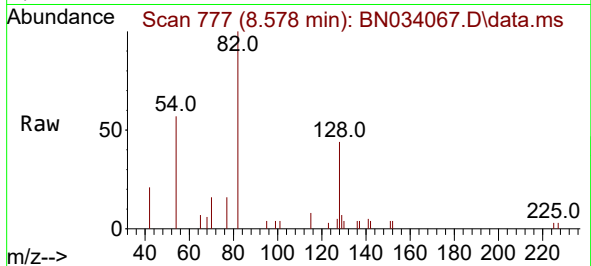




#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.578 min Scan# 71
Delta R.T. 0.004 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

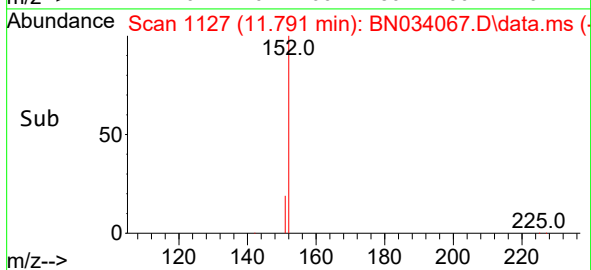
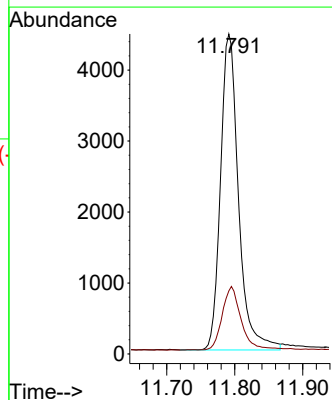
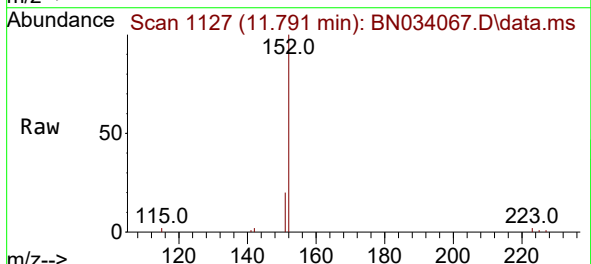
Instrument :
BNA_N
ClientSampleId :
MW305D-20240910

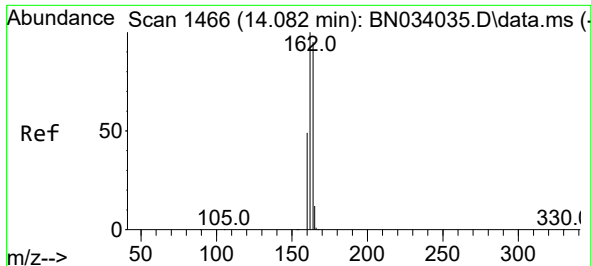
Tgt Ion: 82 Resp: 3634
Ion Ratio Lower Upper
82 100
128 44.2 31.4 47.2
54 57.3 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 11.791 min Scan# 1127
Delta R.T. -0.002 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

Tgt Ion:152 Resp: 8153
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2

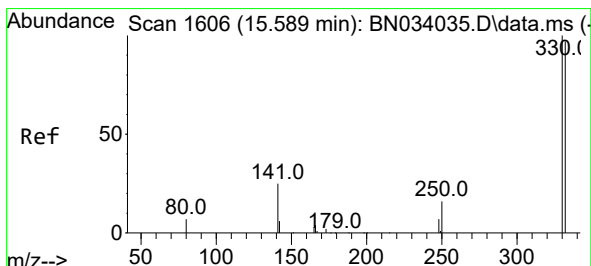
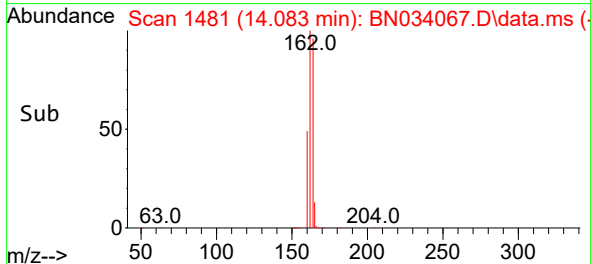
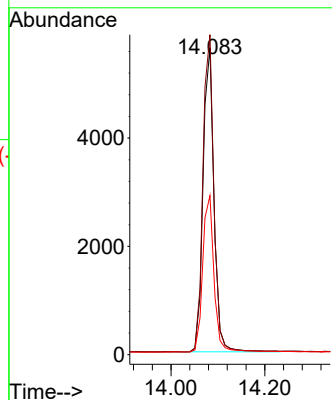
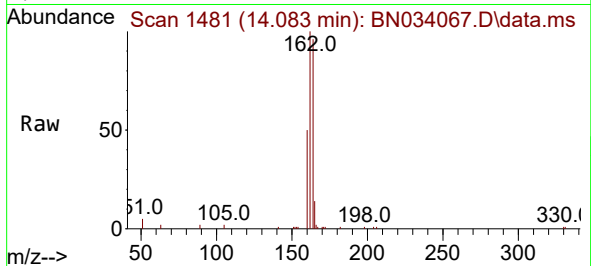




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.083 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

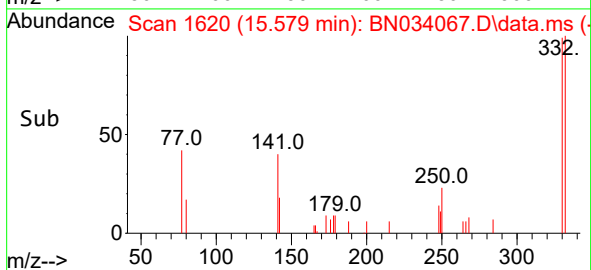
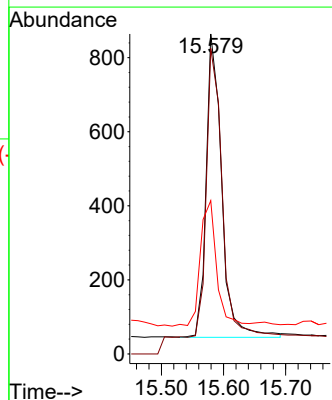
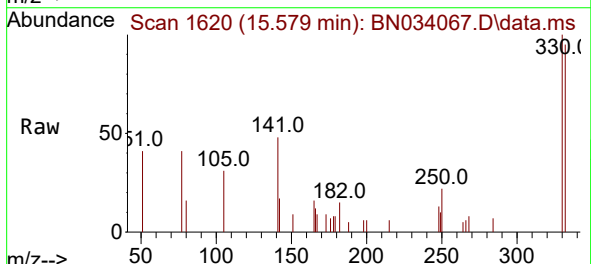
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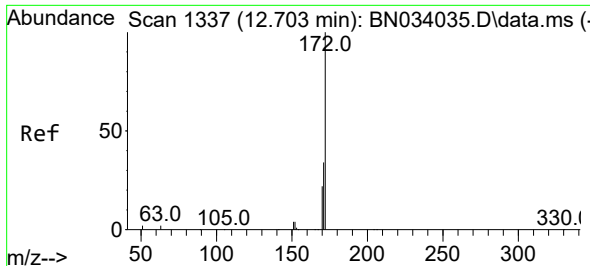
Tgt Ion:164 Resp: 9061
Ion Ratio Lower Upper
164 100
162 104.3 84.2 126.2
160 51.8 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.348 ng
RT: 15.579 min Scan# 1620
Delta R.T. -0.009 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

Tgt Ion:330 Resp: 1429
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 43.2 35.9 53.9

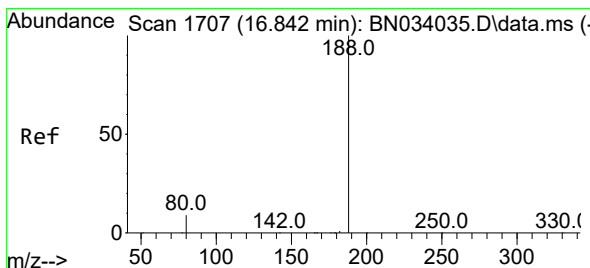
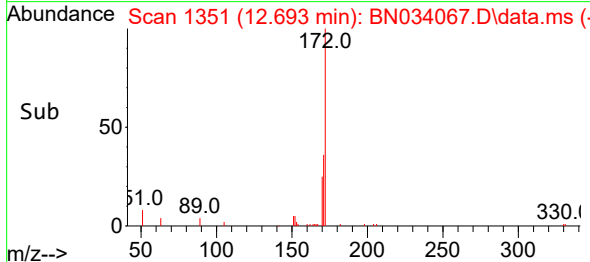
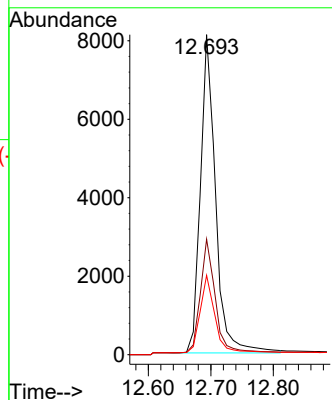
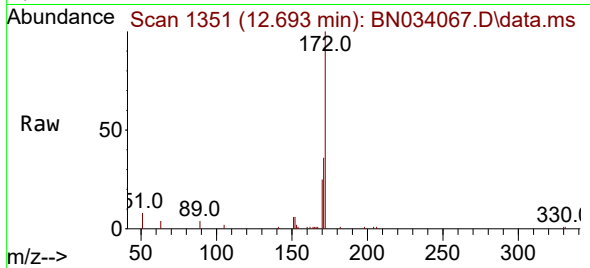




#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 12.693 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

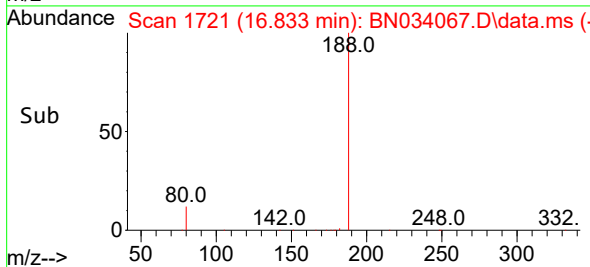
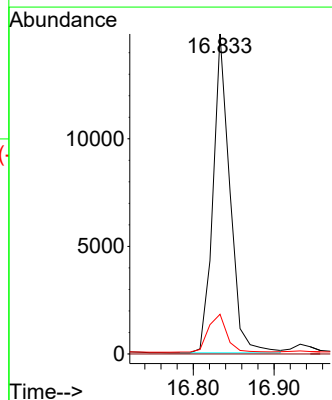
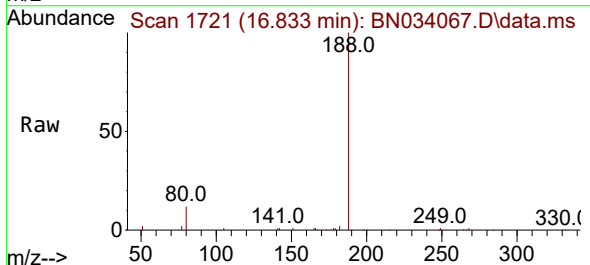
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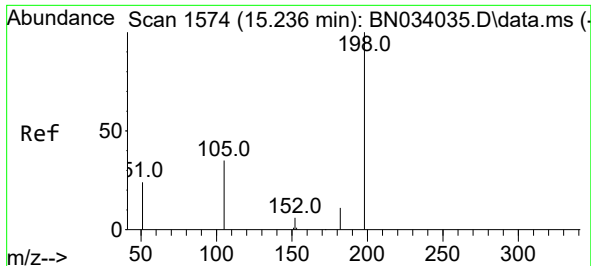
Tgt Ion:172 Resp: 13665
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 24.8 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

Tgt Ion:188 Resp: 21444
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 7.4 11.0#

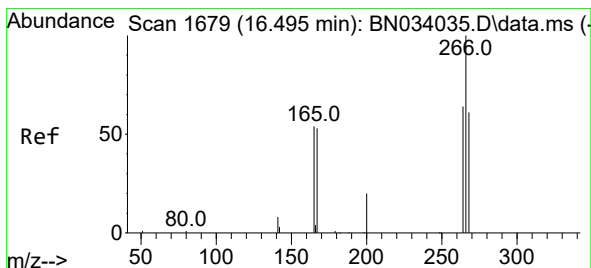
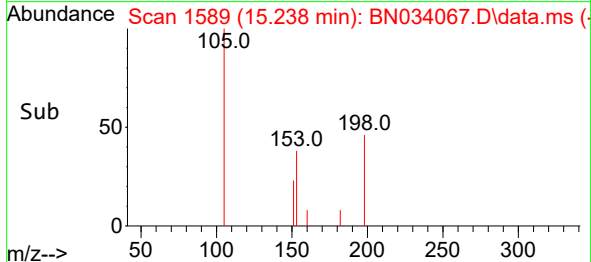
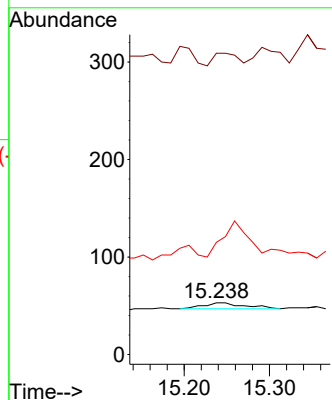
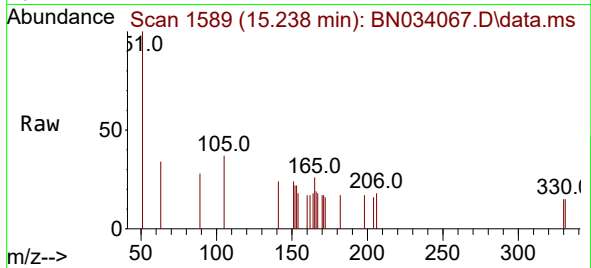




#20
4,6-Dinitro-2-methylphenol
Concen: 0.143 ng
RT: 15.238 min Scan# 1589
Delta R.T. 0.002 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

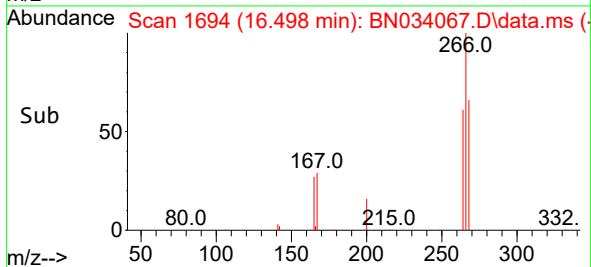
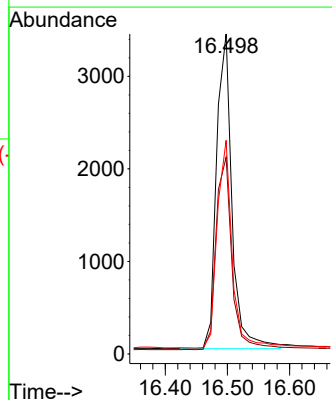
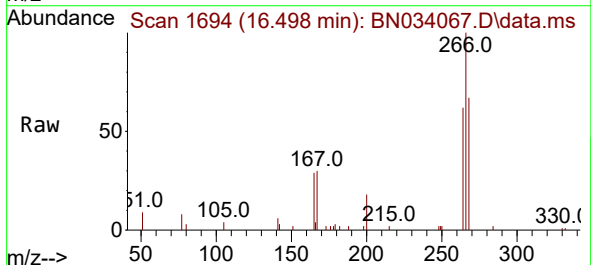
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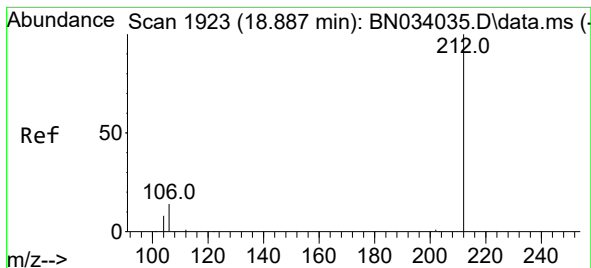
Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 583.0 106.4 159.6#
105 217.0 38.5 57.7#



#24
Pentachlorophenol
Concen: 1.314 ng
RT: 16.498 min Scan# 1694
Delta R.T. 0.003 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

Tgt Ion:266 Resp: 5873
Ion Ratio Lower Upper
266 100
264 62.8 50.2 75.2
268 63.9 51.0 76.4





#27

Fluoranthene-d10

Concen: 0.458 ng

RT: 18.880 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BN034067.D

Acq: 20 Sep 2024 02:57

Instrument :

BNA_N

ClientSampleId :

MW305D-20240910

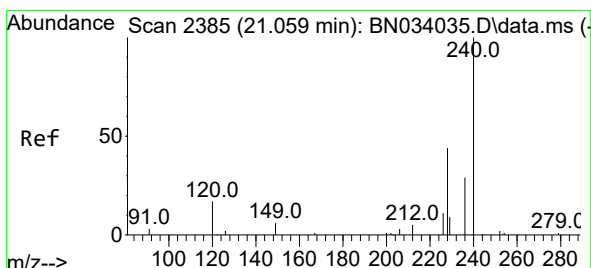
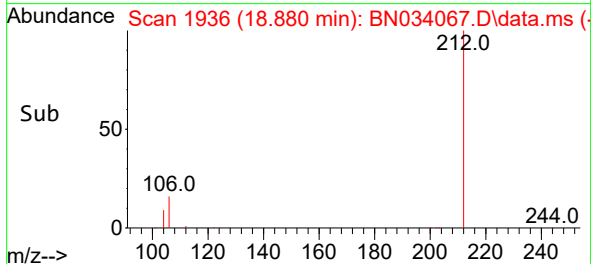
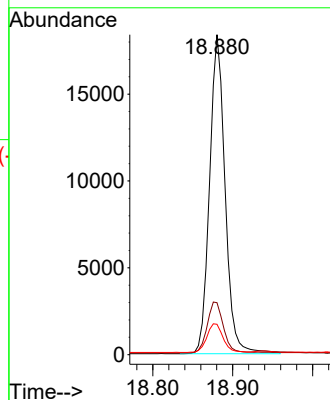
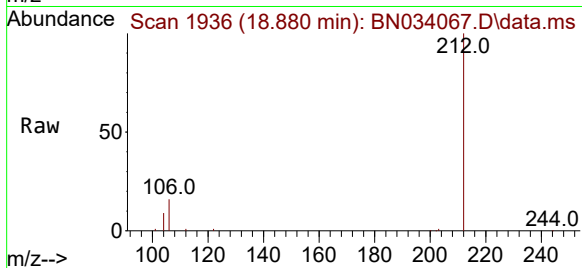
Tgt Ion:212 Resp: 24802

Ion Ratio Lower Upper

212 100

106 16.9 13.4 20.2

104 9.5 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.053 min Scan# 2399

Delta R.T. -0.006 min

Lab File: BN034067.D

Acq: 20 Sep 2024 02:57

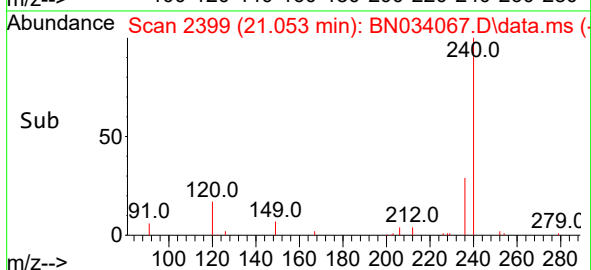
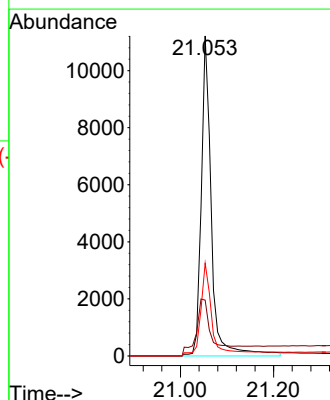
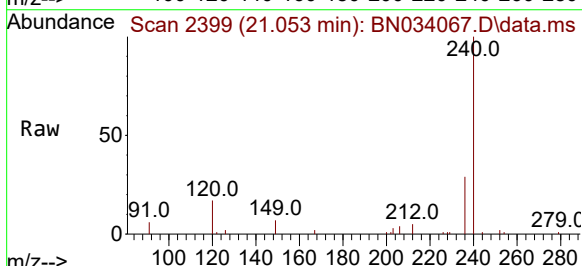
Tgt Ion:240 Resp: 16206

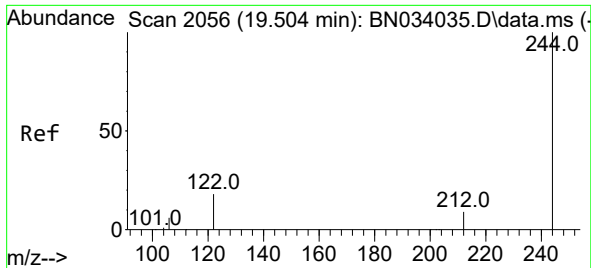
Ion Ratio Lower Upper

240 100

120 17.5 13.5 20.3

236 29.0 23.4 35.0

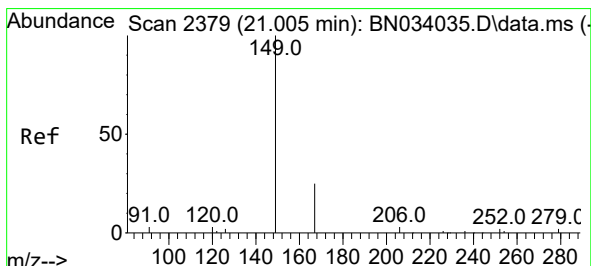
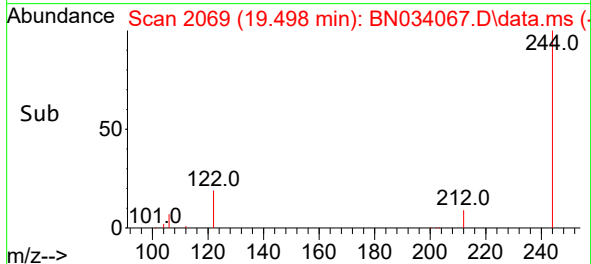
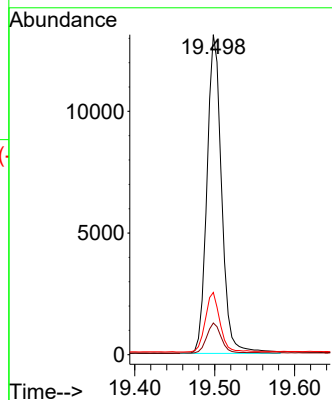
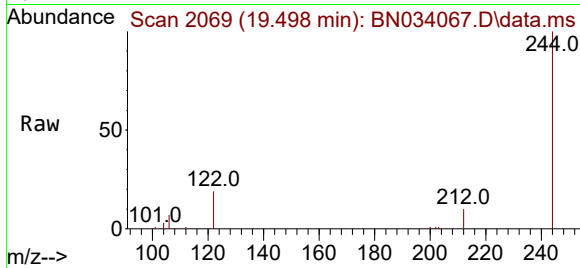




#31
Terphenyl-d14
Concen: 0.516 ng
RT: 19.498 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

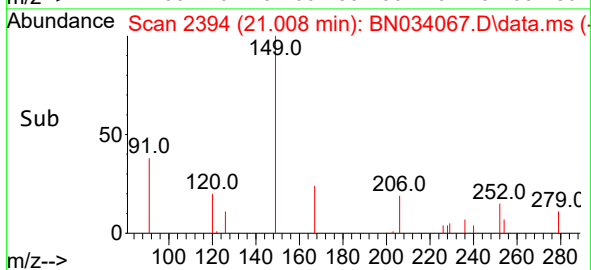
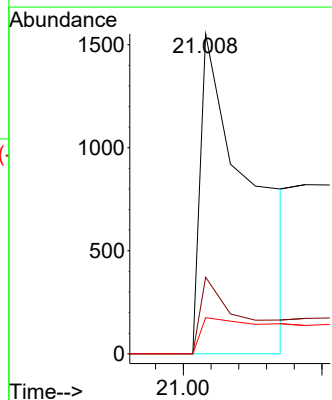
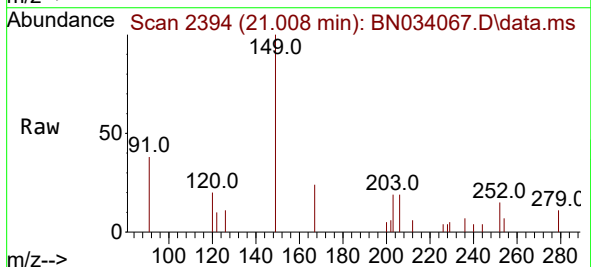
Instrument :
BNA_N
ClientSampleId :
MW305D-20240910

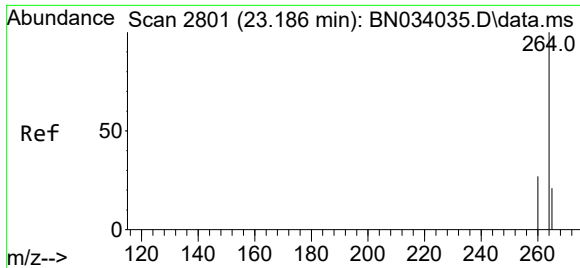
Tgt Ion:244 Resp: 16700
Ion Ratio Lower Upper
244 100
212 9.9 7.8 11.6
122 19.5 14.8 22.2



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

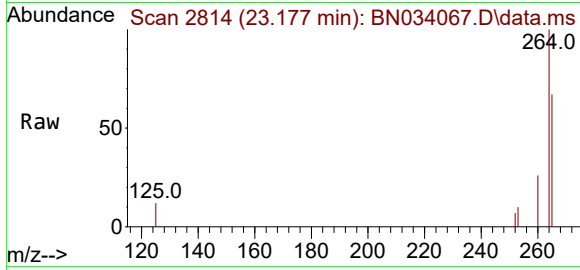
Tgt Ion:149 Resp: 1773
Ion Ratio Lower Upper
149 100
167 16.8 19.9 29.9#
279 11.0 4.6 6.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.177 min Scan# 2801
 Delta R.T. -0.009 min
 Lab File: BN034067.D
 Acq: 20 Sep 2024 02:57

Instrument :
 BNA_N
 ClientSampleId :
 MW305D-20240910



Tgt Ion:264 Resp: 14678
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.7 32.5
 265 67.2 52.1 78.1

