

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034523.D
 Acq On : 10 Oct 2024 16:19
 Operator : RC/JU
 Sample : P4263-05
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20240930

Quant Time: Oct 10 17:06:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

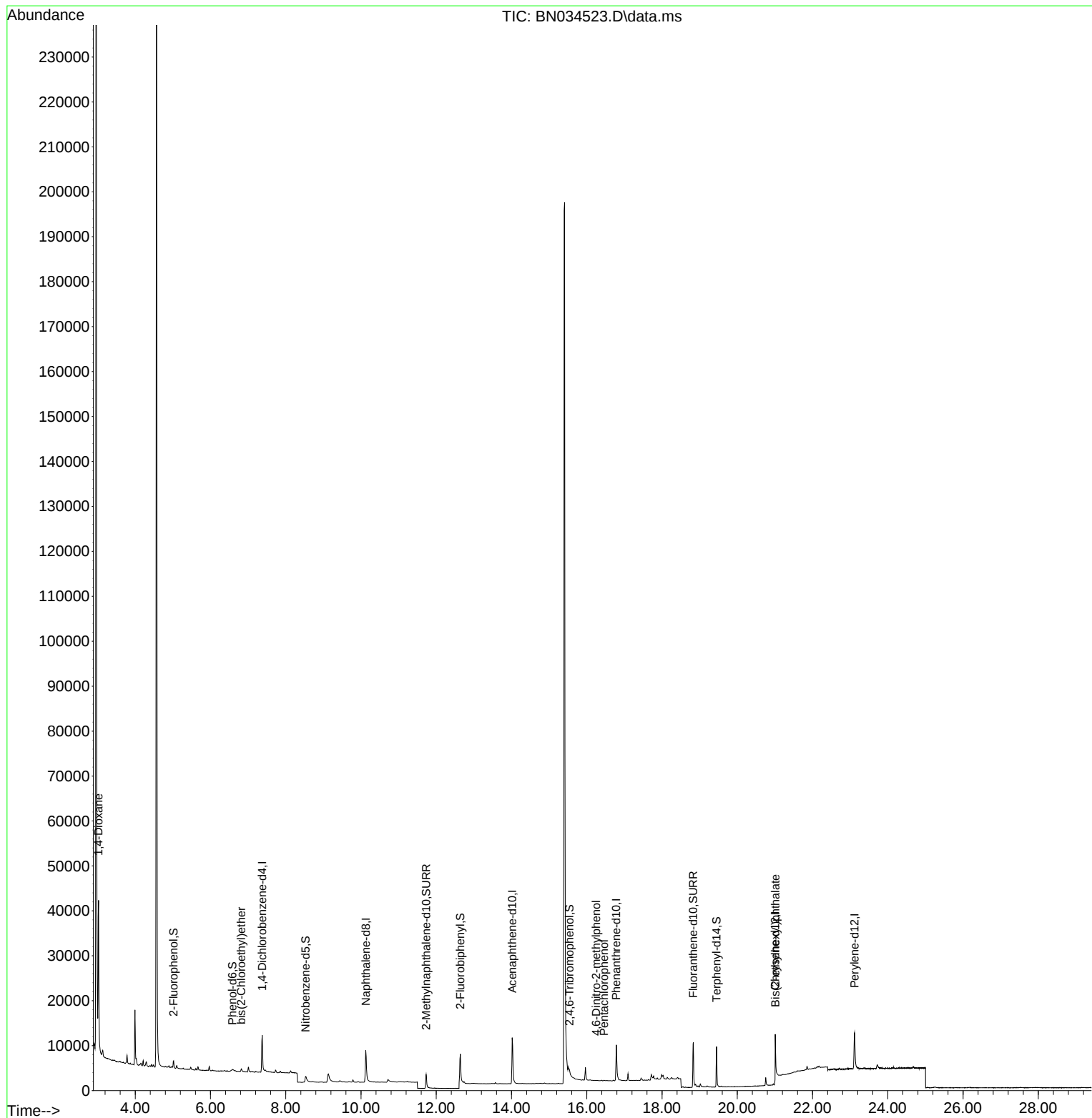
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4547	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	12709	0.400	ng	-0.02
13) Acenaphthene-d10	14.019	164	7204	0.400	ng	-0.03
19) Phenanthrene-d10	16.783	188	13646	0.400	ng	#-0.02
29) Chrysene-d12	21.008	240	8251	0.400	ng	0.00
35) Perylene-d12	23.116	264	11639	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1401	0.109	ng	-0.01
5) Phenol-d6	6.585	99	614	0.041	ng	-0.01
8) Nitrobenzene-d5	8.525	82	2097	0.216	ng	-0.01
11) 2-Methylnaphthalene-d10	11.731	152	5418	0.289	ng	-0.02
14) 2,4,6-Tribromophenol	15.542	330	816	0.250	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	7532	0.257	ng	-0.02
27) Fluoranthene-d10	18.829	212	12789	0.371	ng	-0.02
31) Terphenyl-d14	19.447	244	9291	0.564	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	18470	3.249	ng	99
6) bis(2-Chloroethyl)ether	6.816	93	549	0.041	ng	91
20) 4,6-Dinitro-2-methylph...	16.250	198	7	0.140	ng	# 1
24) Pentachlorophenol	16.461	266	102	0.036	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.017	149	1121	0.103	ng	# 91

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

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Operator : RC/JU
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Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument :
BNA_N
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RE114D1-20240930

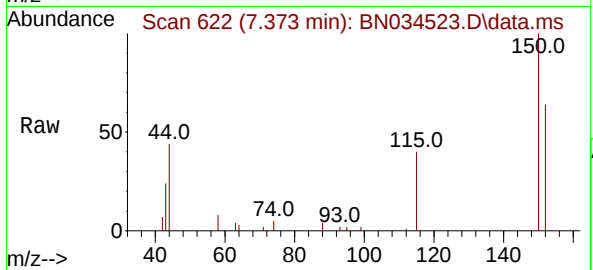
Quant Time: Oct 10 17:06:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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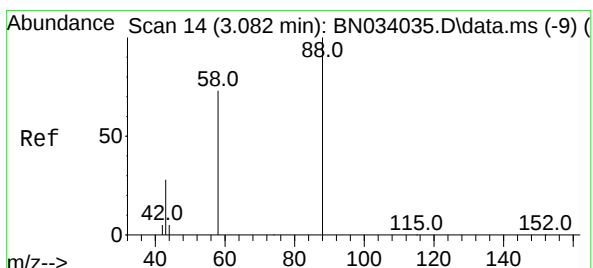
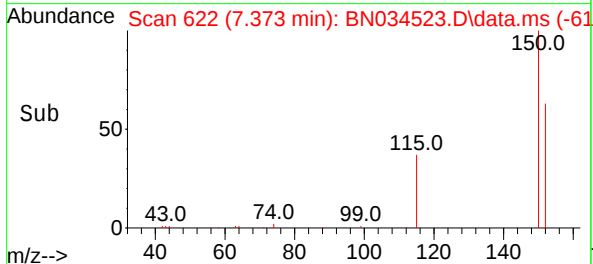
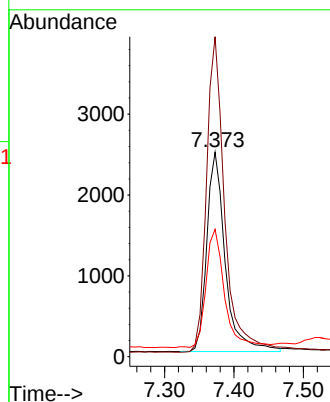


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

Instrument :
BNA_N
ClientSampleId :
RE114D1-20240930

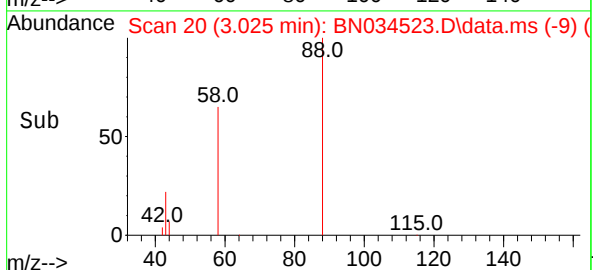
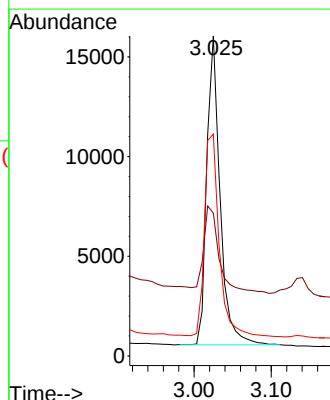
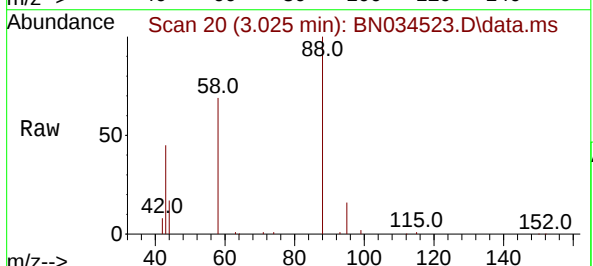


Tgt Ion:152 Resp: 4547
Ion Ratio Lower Upper
152 100
150 156.5 124.6 187.0
115 62.3 50.0 75.0



#2
1,4-Dioxane
Concen: 3.249 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.022 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

Tgt Ion: 88 Resp: 18470
Ion Ratio Lower Upper
88 100
43 33.5 25.8 38.8
58 72.8 58.8 88.2

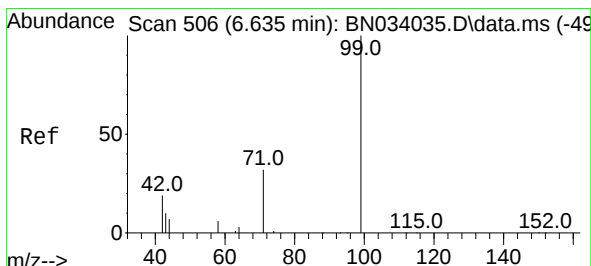
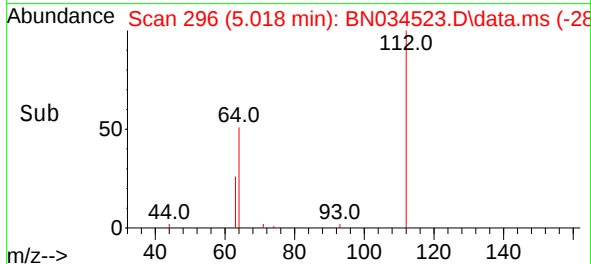
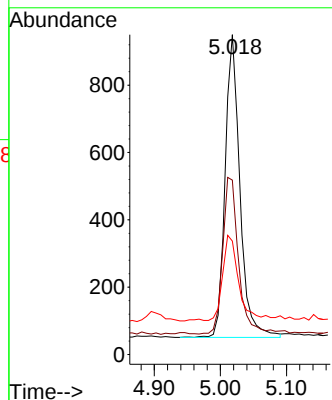
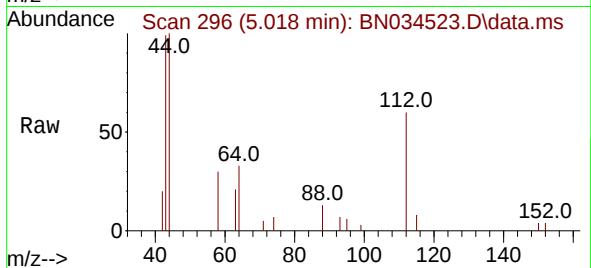




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.018 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

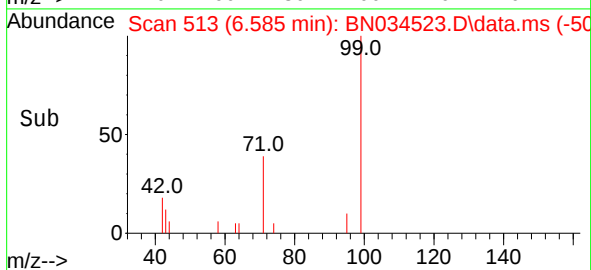
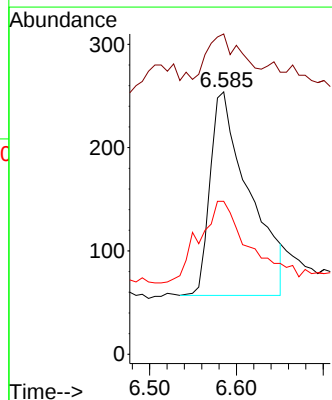
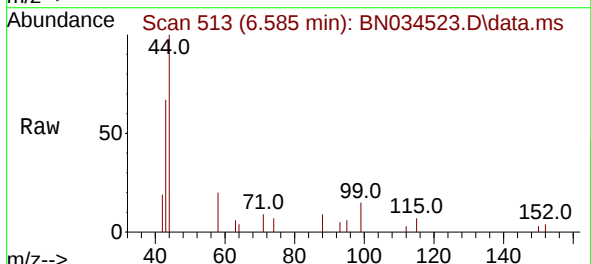
Instrument :
BNA_N
ClientSampleId :
RE114D1-20240930

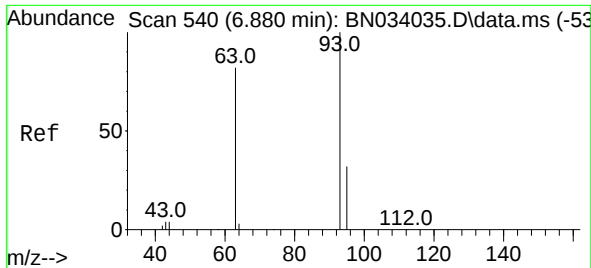
Tgt Ion:112 Resp: 1401
Ion Ratio Lower Upper
112 100
64 55.4 48.6 72.8
63 30.6 25.6 38.4



#5
Phenol-d6
Concen: 0.041 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

Tgt Ion: 99 Resp: 614
Ion Ratio Lower Upper
99 100
42 19.1 17.8 26.8
71 48.0 26.2 39.2#

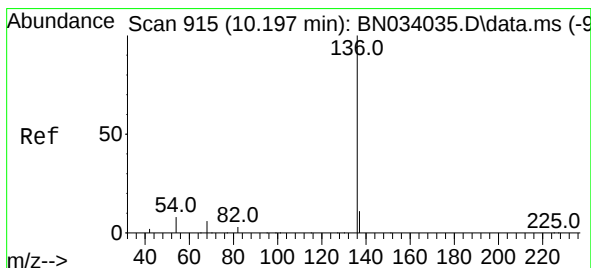
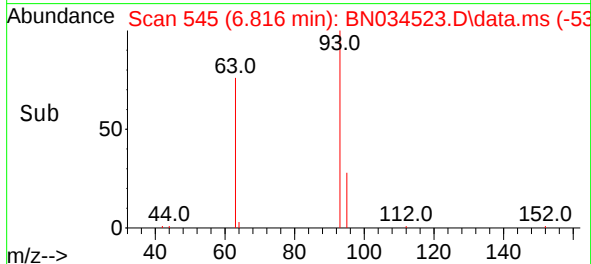
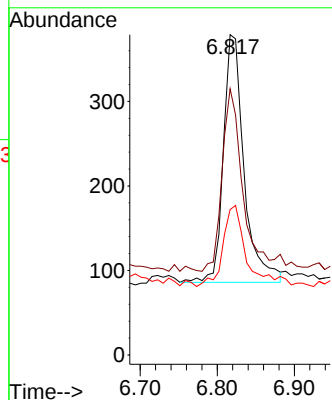
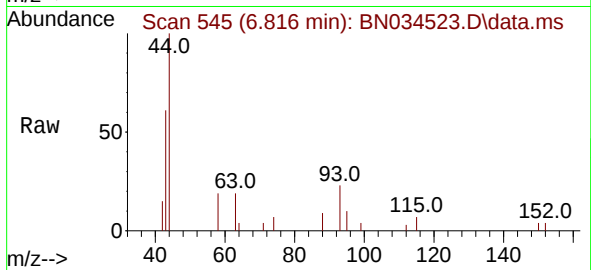




#6
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 6.816 min Scan# 540
Delta R.T. -0.022 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

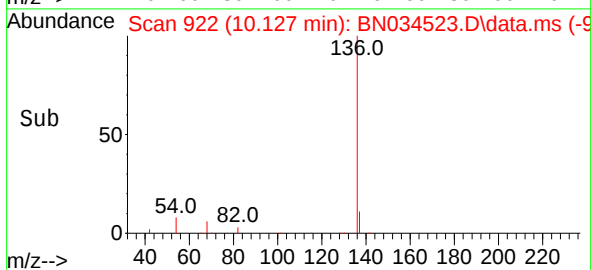
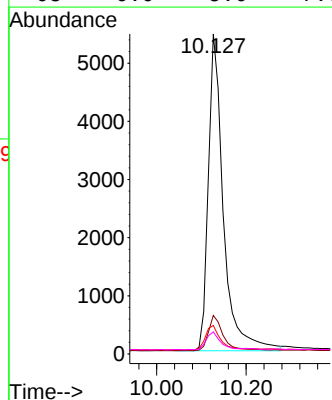
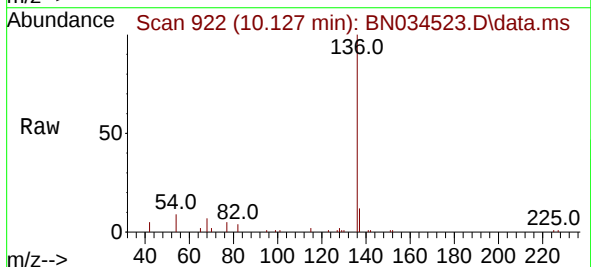
Instrument :
BNA_N
ClientSampleId :
RE114D1-20240930

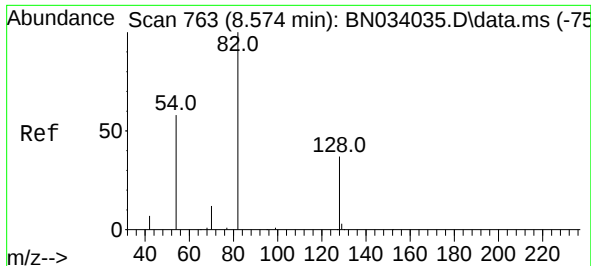
Tgt Ion: 93 Resp: 549
Ion Ratio Lower Upper
93 100
63 74.7 67.3 100.9
95 37.2 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. -0.021 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

Tgt Ion: 136 Resp: 12709
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 8.9 6.8 10.2
68 6.9 5.0 7.6

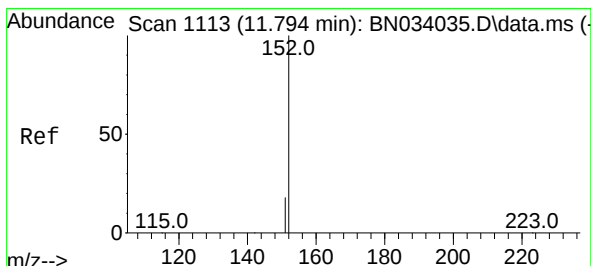
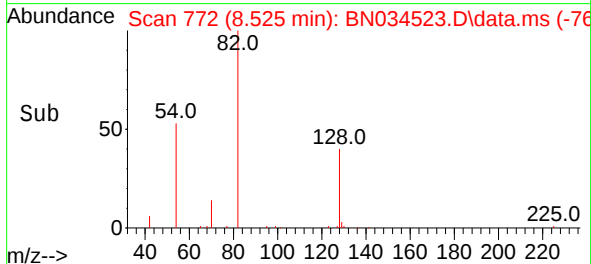
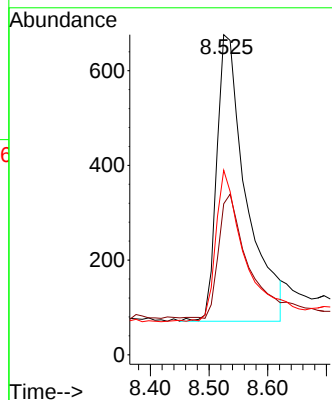
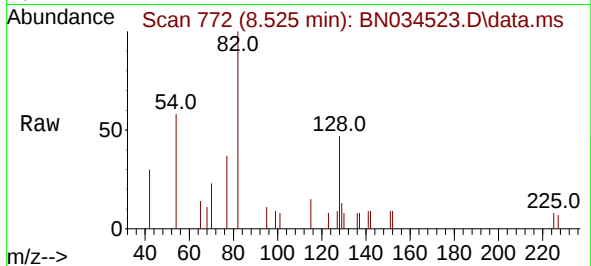




#8
Nitrobenzene-d5
Concen: 0.216 ng
RT: 8.525 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

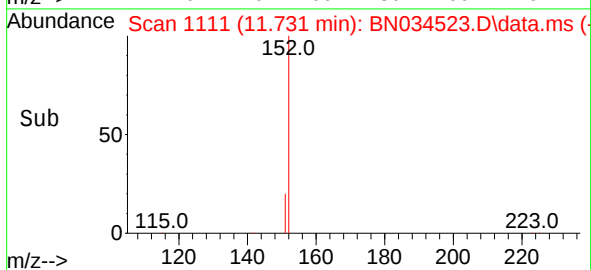
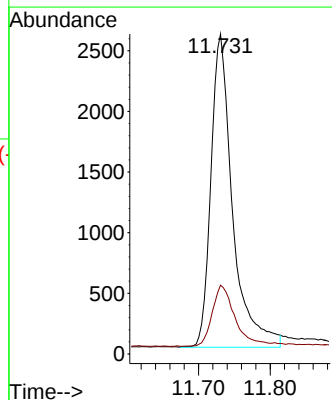
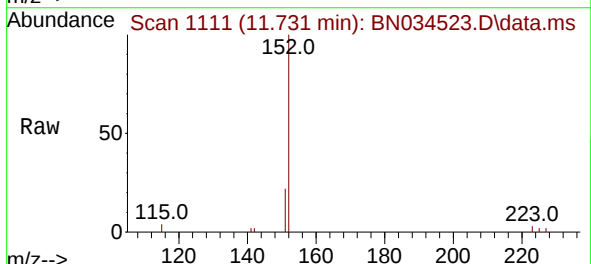
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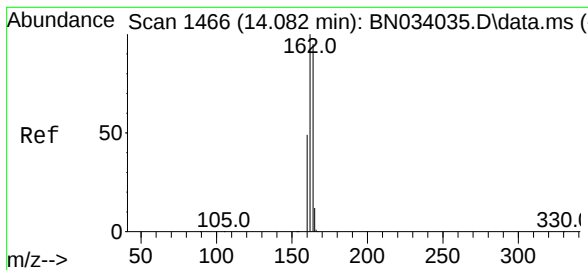
Tgt Ion: 82 Resp: 2097
Ion Ratio Lower Upper
82 100
128 47.2 31.4 47.2#
54 57.7 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 11.731 min Scan# 1111
Delta R.T. -0.023 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

Tgt Ion:152 Resp: 5418
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2

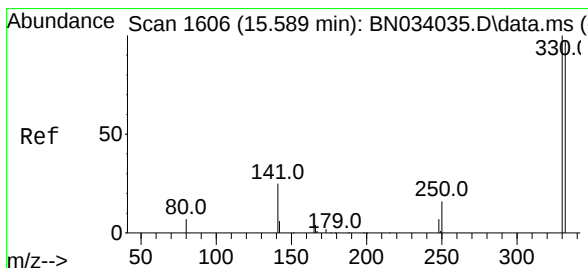
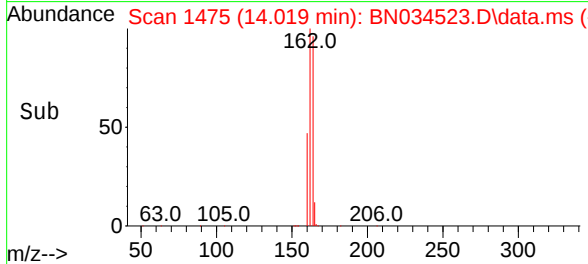
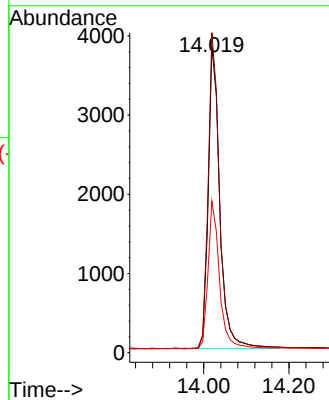
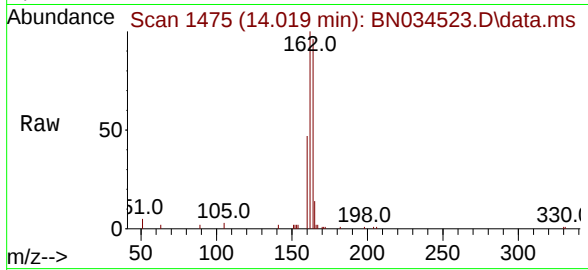




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 1466
Delta R.T. -0.028 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

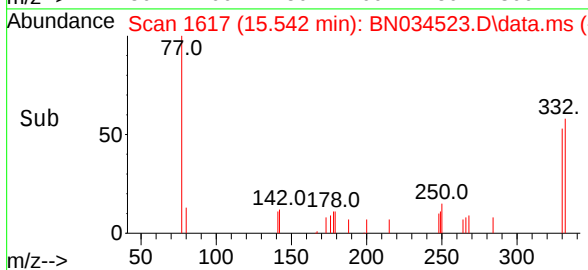
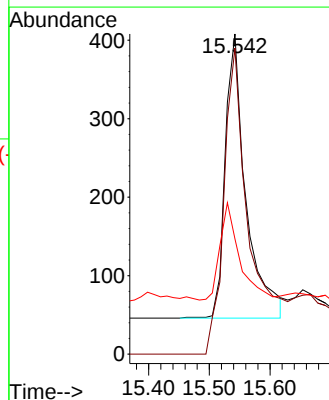
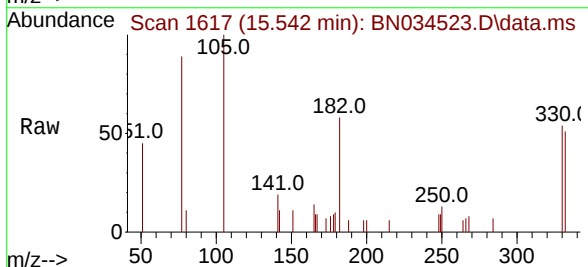
Instrument :
BNA_N
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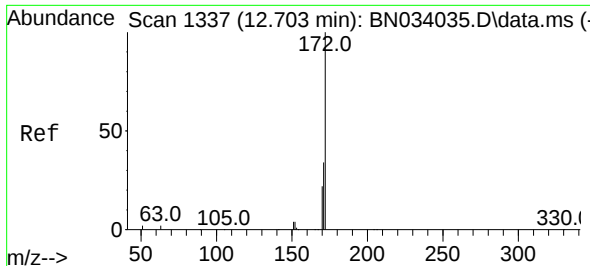
Tgt Ion:164 Resp: 7204
Ion Ratio Lower Upper
164 100
162 104.5 84.2 126.2
160 49.5 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.250 ng
RT: 15.542 min Scan# 1617
Delta R.T. -0.007 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

Tgt Ion:330 Resp: 816
Ion Ratio Lower Upper
330 100
332 136.3 77.4 116.0#
141 33.0 35.9 53.9#

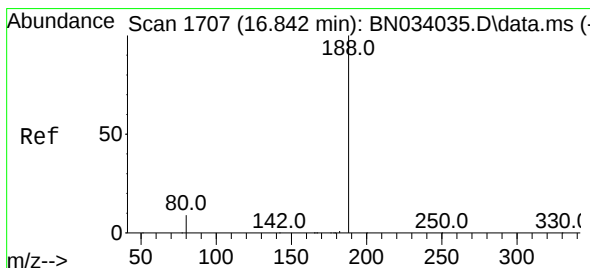
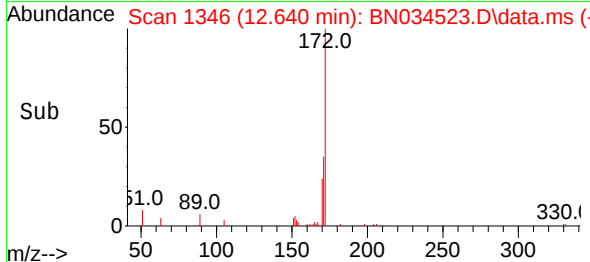
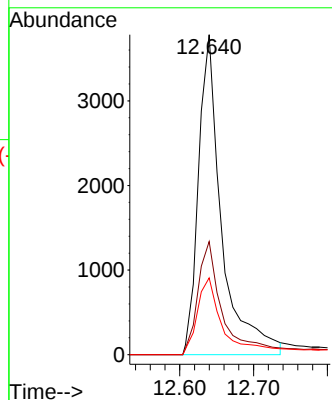
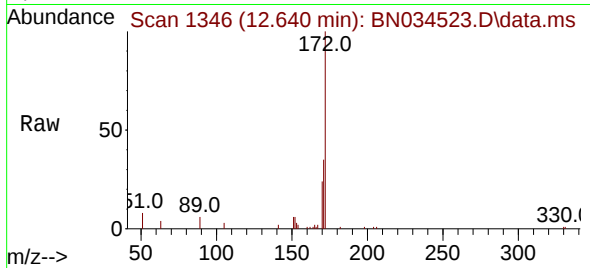




#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 12.640 min Scan# 1337
Delta R.T. -0.018 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

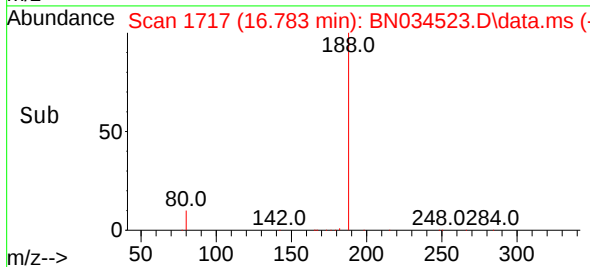
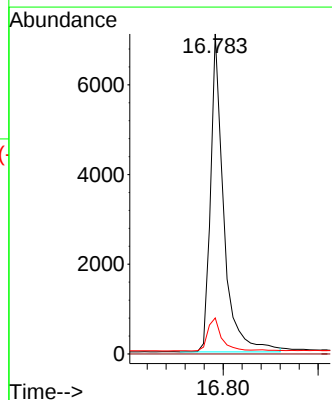
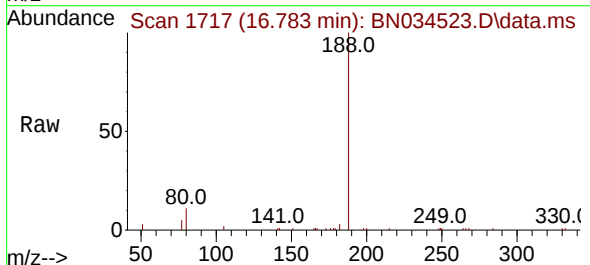
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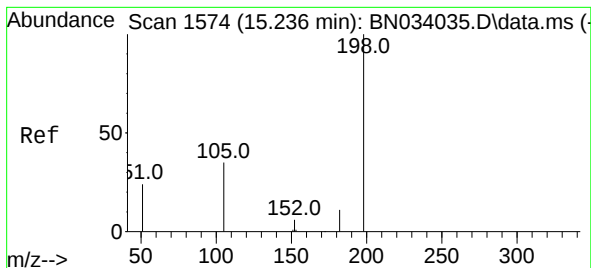
Tgt Ion:172 Resp: 7532
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 24.0 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.783 min Scan# 1717
Delta R.T. -0.019 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

Tgt Ion:188 Resp: 13646
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 7.4 11.0#

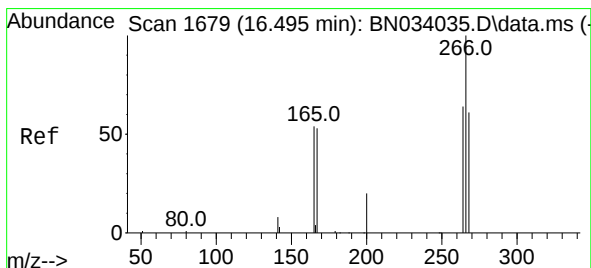
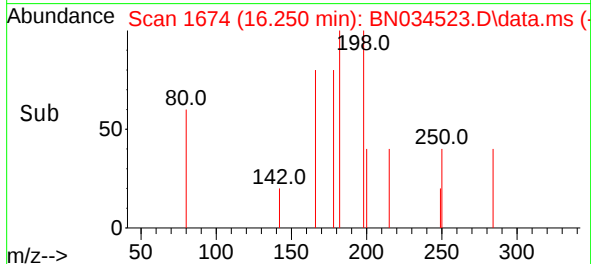
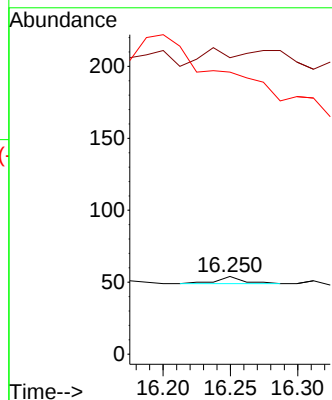
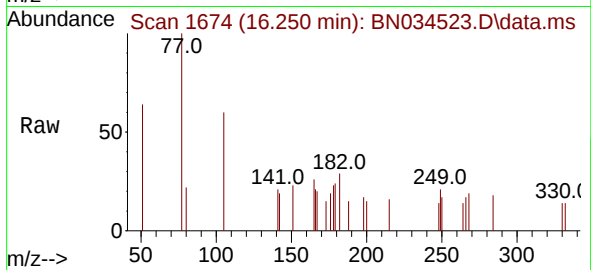




#20
4,6-Dinitro-2-methylphenol
Concen: 0.140 ng
RT: 16.250 min Scan# 1674
Delta R.T. -0.057 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

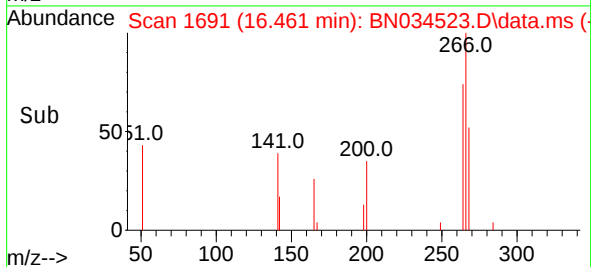
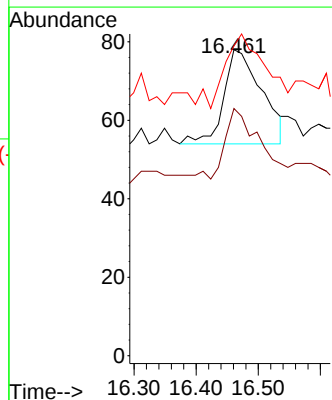
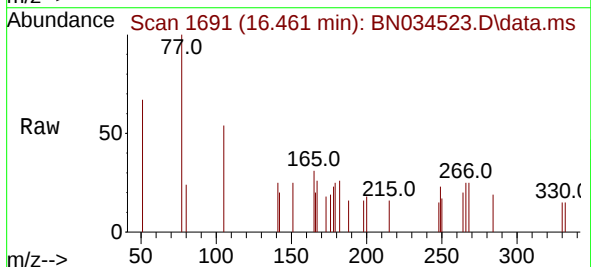
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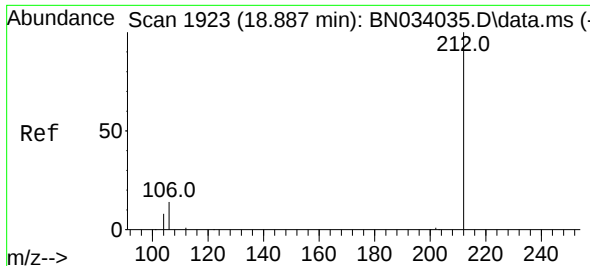
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 381.5 106.4 159.6#
105 363.0 38.5 57.7#



#24
Pentachlorophenol
Concen: 0.036 ng
RT: 16.461 min Scan# 1691
Delta R.T. -0.007 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

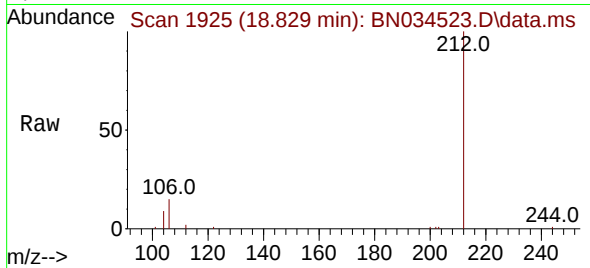
Tgt Ion:266 Resp: 102
Ion Ratio Lower Upper
266 100
264 58.8 50.2 75.2
268 77.5 51.0 76.4#



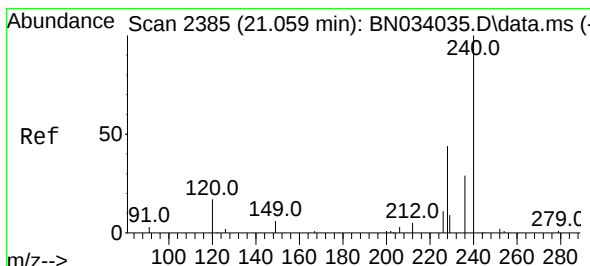
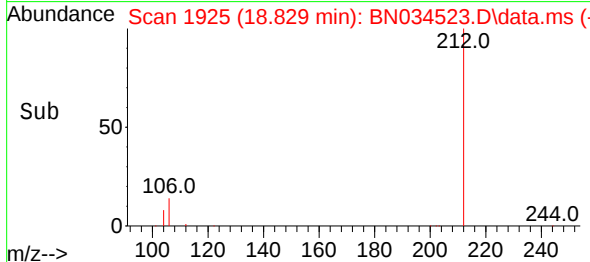
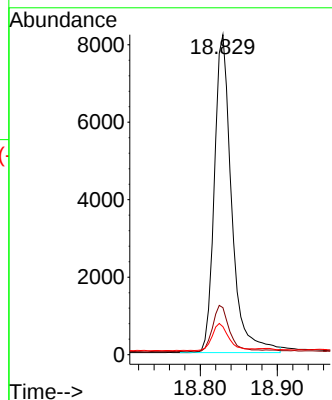


#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 18.829 min Scan# 1925
Delta R.T. -0.016 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

Instrument :
BNA_N
ClientSampleId :
RE114D1-20240930

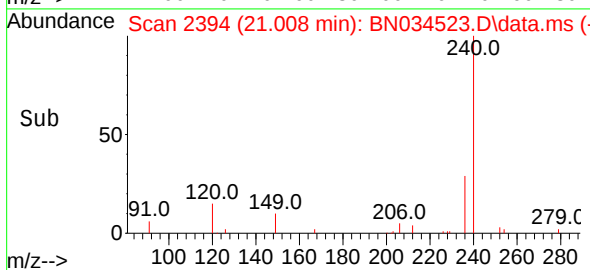
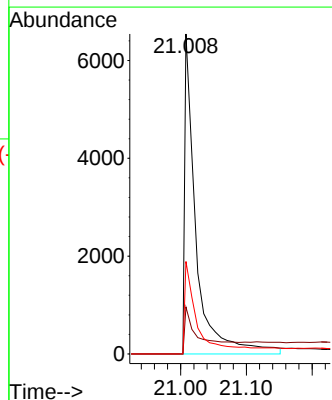
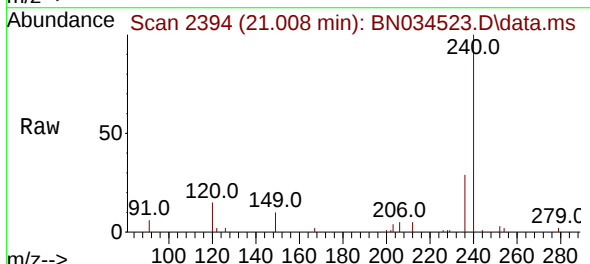


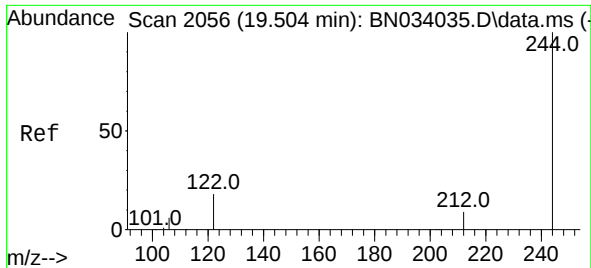
Tgt Ion:212 Resp: 12789
Ion Ratio Lower Upper
212 100
106 14.4 13.4 20.2
104 8.1 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. -0.007 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

Tgt Ion:240 Resp: 8251
Ion Ratio Lower Upper
240 100
120 14.7 13.5 20.3
236 28.9 23.4 35.0

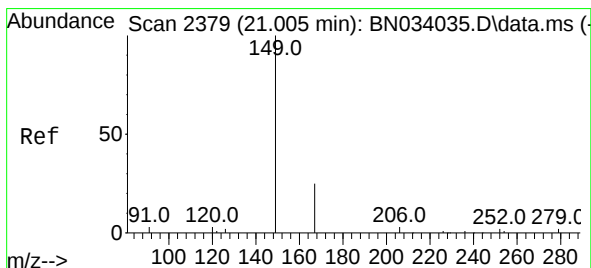
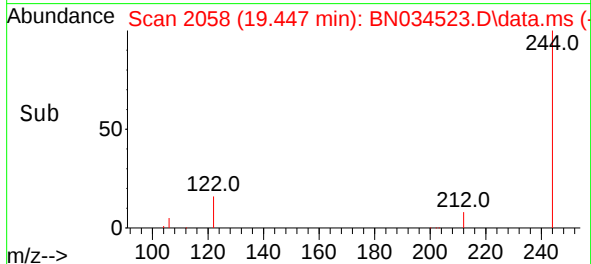
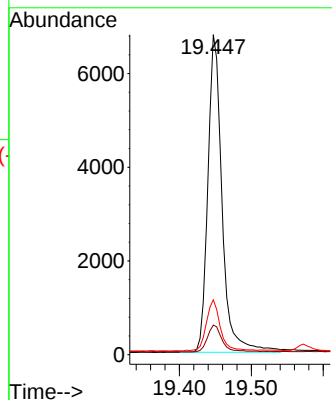
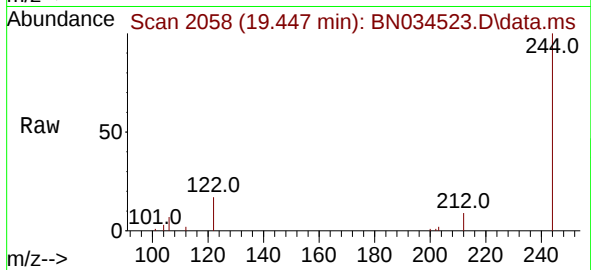




#31
 Terphenyl-d14
 Concen: 0.564 ng
 RT: 19.447 min Scan# 2056
 Delta R.T. -0.021 min
 Lab File: BN034523.D
 Acq: 10 Oct 2024 16:19

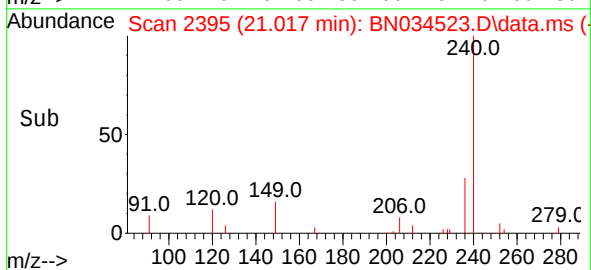
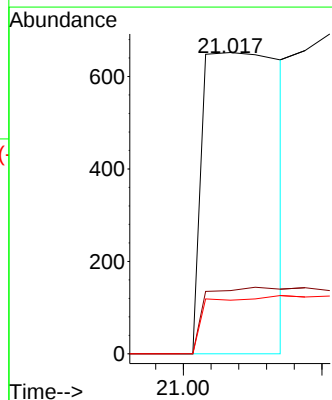
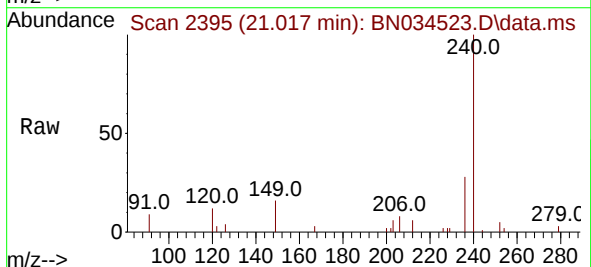
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20240930

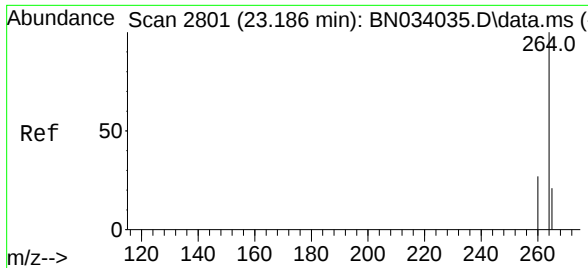
Tgt Ion:244 Resp: 9291
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.8 11.6
 122 17.2 14.8 22.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.103 ng
 RT: 21.017 min Scan# 2395
 Delta R.T. 0.011 min
 Lab File: BN034523.D
 Acq: 10 Oct 2024 16:19

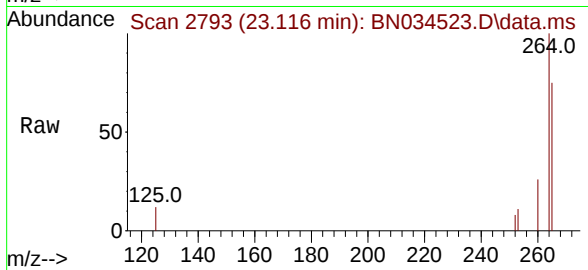
Tgt Ion:149 Resp: 1121
 Ion Ratio Lower Upper
 149 100
 167 21.5 19.9 29.9
 279 0.0 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.116 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN034523.D
Acq: 10 Oct 2024 16:19

Instrument :
BNA_N
ClientSampleId :
RE114D1-20240930



Tgt Ion:264 Resp: 11639
Ion Ratio Lower Upper
264 100
260 25.5 21.7 32.5
265 74.7 52.1 78.1

