

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034522.D
 Acq On : 10 Oct 2024 15:43
 Operator : RC/JU
 Sample : P4263-04
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20240930

Quant Time: Oct 10 16:09:18 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)

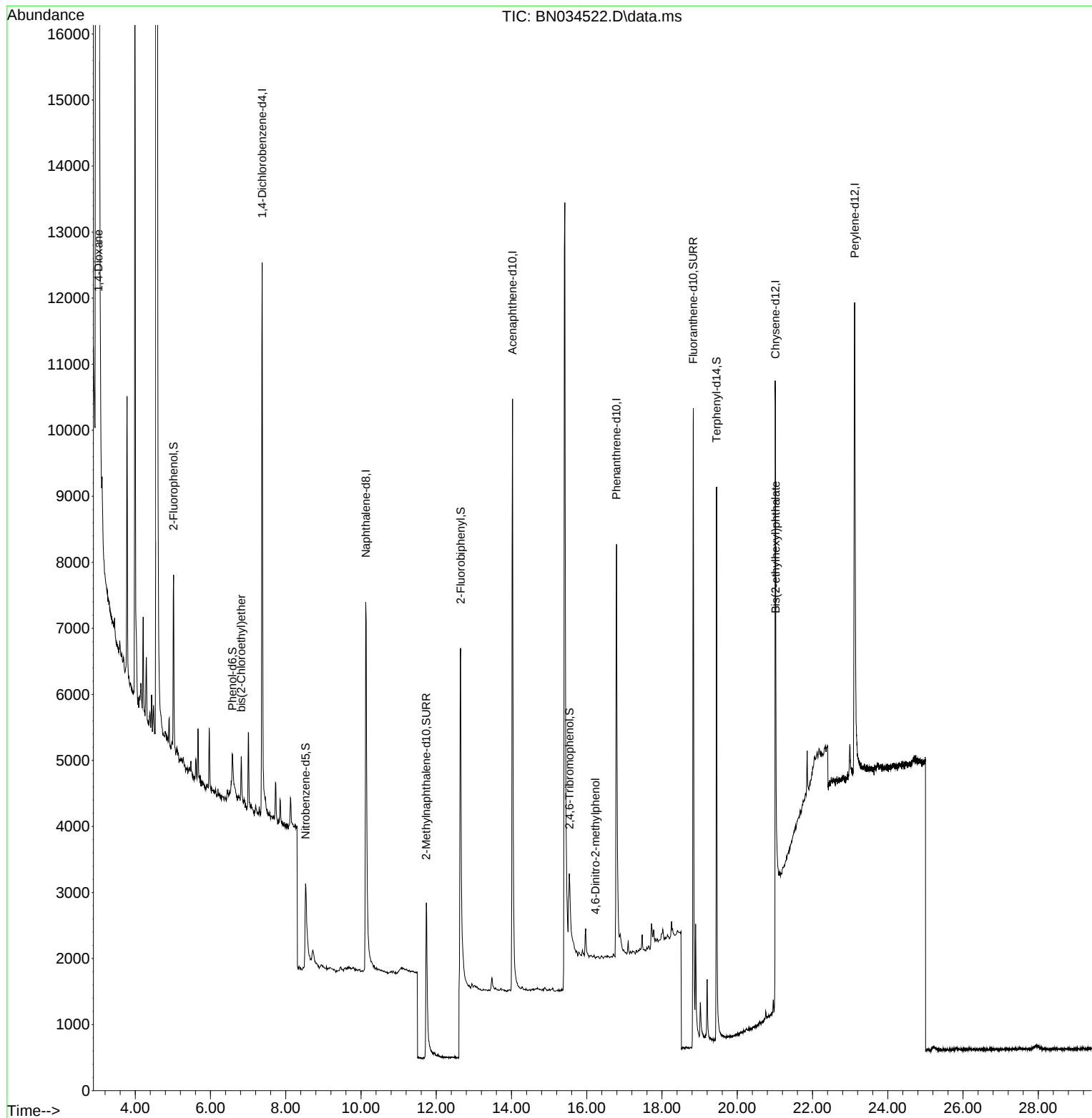
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4464	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	11897	0.400	ng	#-0.02
13) Acenaphthene-d10	14.026	164	6686	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	12201	0.400	ng	-0.01
29) Chrysene-d12	21.015	240	9237	0.400	ng	# 0.00
35) Perylene-d12	23.119	264	11306	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	2214	0.175	ng	-0.01
5) Phenol-d6	6.585	99	993	0.067	ng	-0.01
8) Nitrobenzene-d5	8.525	82	2147	0.236	ng	-0.01
11) 2-Methylnaphthalene-d10	11.734	152	5217	0.297	ng	-0.02
14) 2,4,6-Tribromophenol	15.537	330	765	0.253	ng	-0.01
15) 2-Fluorobiphenyl	12.647	172	7486	0.275	ng	-0.01
27) Fluoranthene-d10	18.832	212	12888	0.419	ng	-0.01
31) Terphenyl-d14	19.449	244	9359	0.507	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	36239	6.493	ng	97
6) bis(2-Chloroethyl)ether	6.816	93	547	0.042	ng	96
20) 4,6-Dinitro-2-methylph...	16.232	198	5	0.140	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.024	149	1413	0.116	ng	# 79

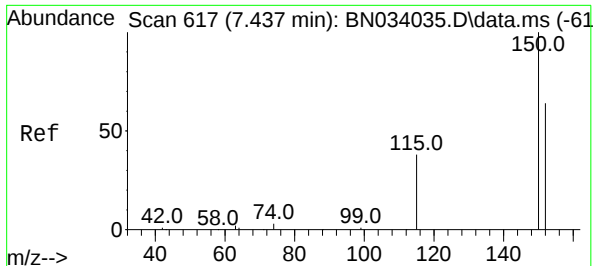
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
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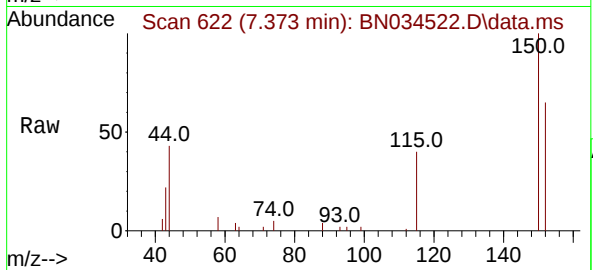
Quant Time: Oct 10 16:09:18 2024
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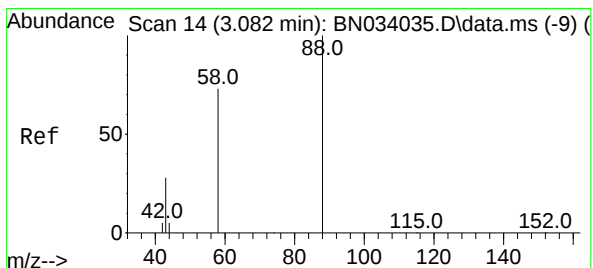
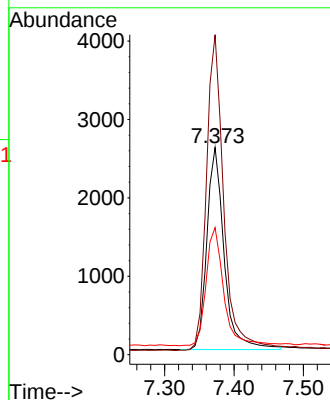
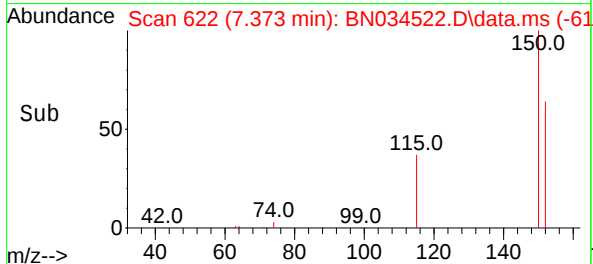


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

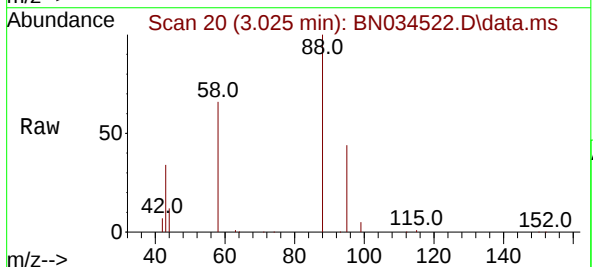
Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930



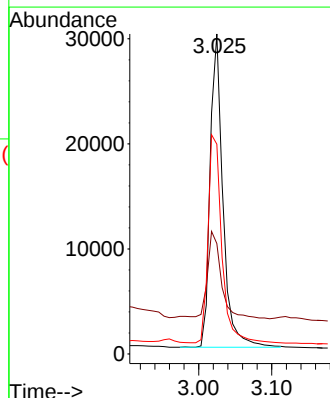
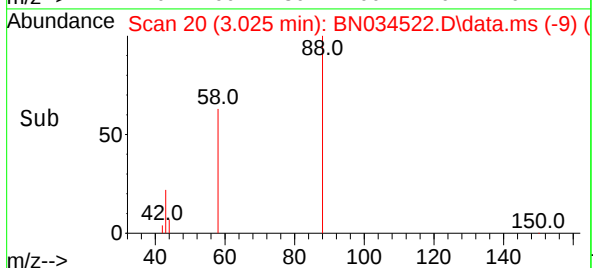
Tgt Ion:152 Resp: 4464
Ion Ratio Lower Upper
152 100
150 154.4 124.6 187.0
115 61.3 50.0 75.0

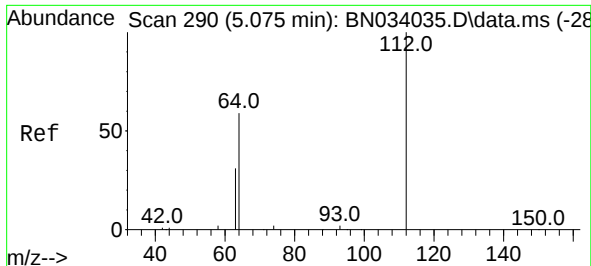


#2
1,4-Dioxane
Concen: 6.493 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.022 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43



Tgt Ion: 88 Resp: 36239
Ion Ratio Lower Upper
88 100
43 30.9 25.8 38.8
58 70.9 58.8 88.2

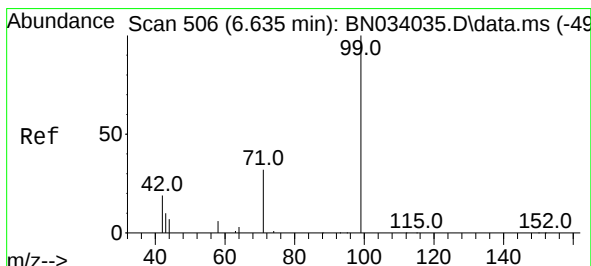
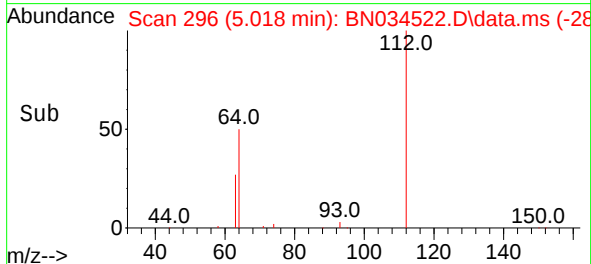
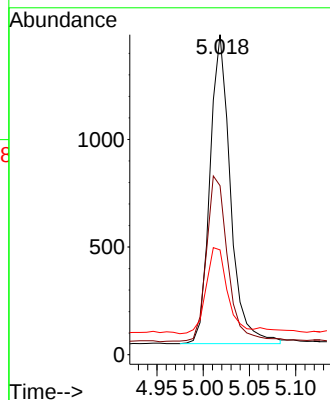
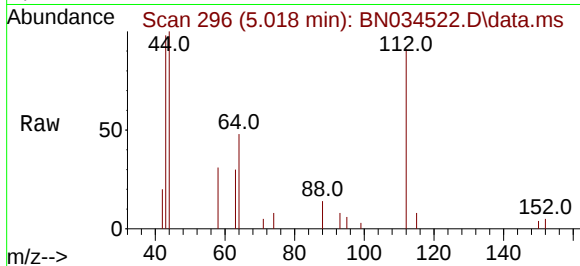




#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.018 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

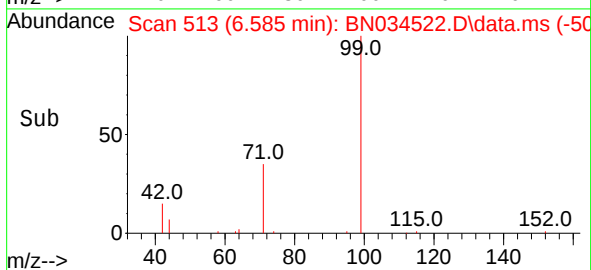
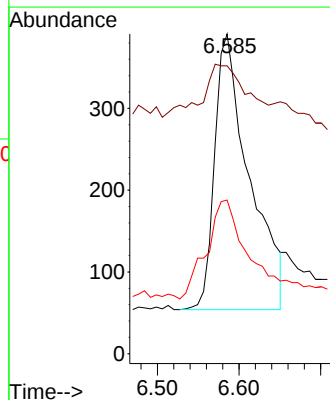
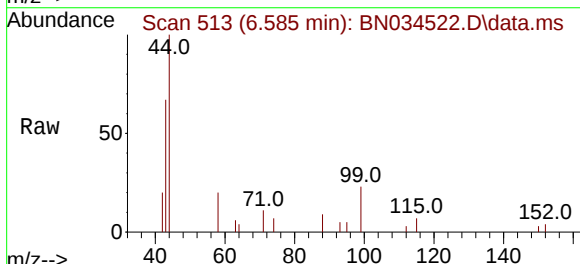
Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930

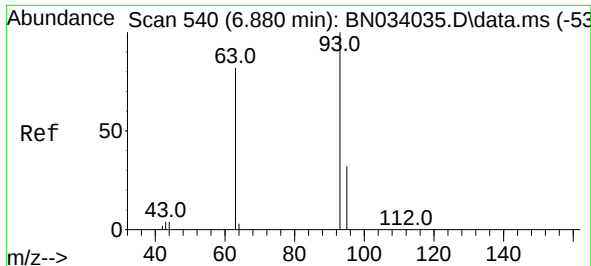
Tgt Ion:112 Resp: 2214
Ion Ratio Lower Upper
112 100
64 56.1 48.6 72.8
63 29.2 25.6 38.4



#5
Phenol-d6
Concen: 0.067 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

Tgt Ion: 99 Resp: 993
Ion Ratio Lower Upper
99 100
42 23.8 17.8 26.8
71 42.3 26.2 39.2#

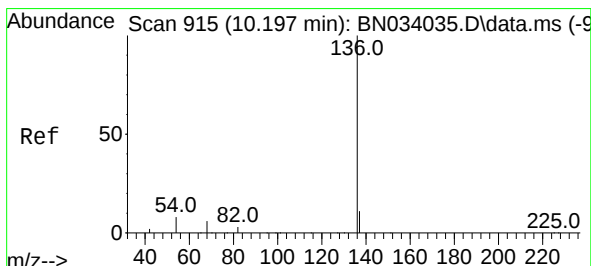
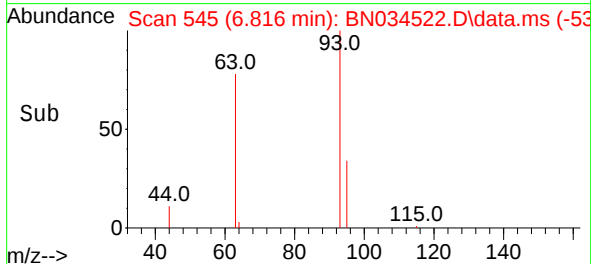
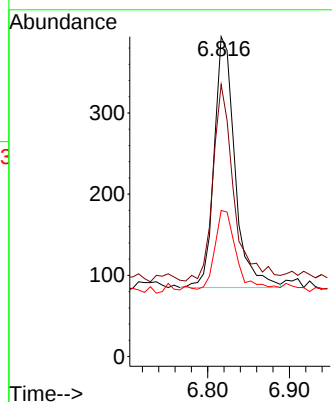
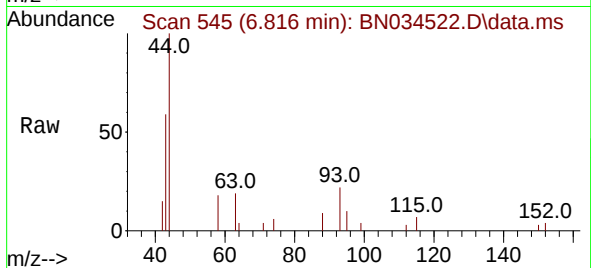




#6
bis(2-Chloroethyl)ether
Concen: 0.042 ng
RT: 6.816 min Scan# 540
Delta R.T. -0.022 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

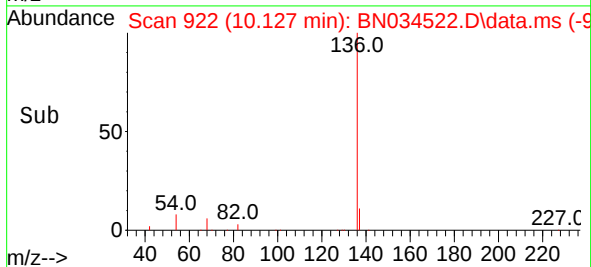
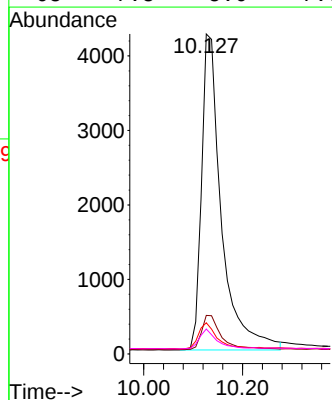
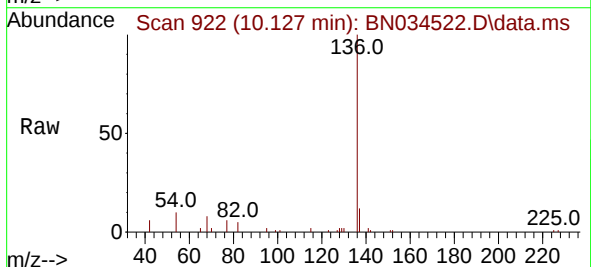
Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930

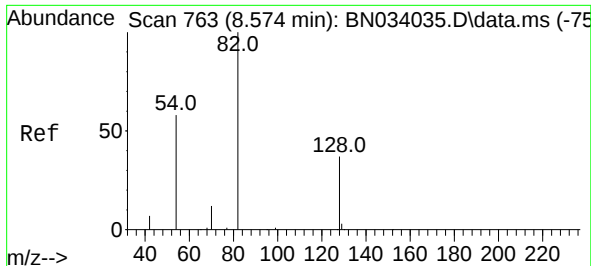
Tgt Ion: 93 Resp: 547
Ion Ratio Lower Upper
93 100
63 78.8 67.3 100.9
95 33.1 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. -0.021 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

Tgt Ion: 136 Resp: 11897
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 9.8 6.8 10.2
68 7.8 5.0 7.6#

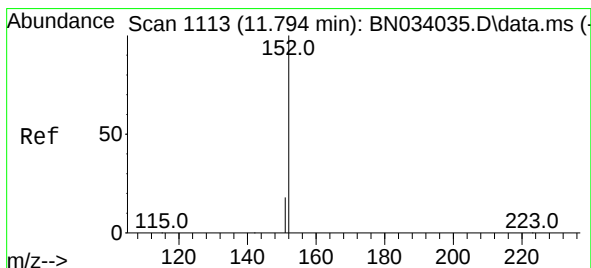
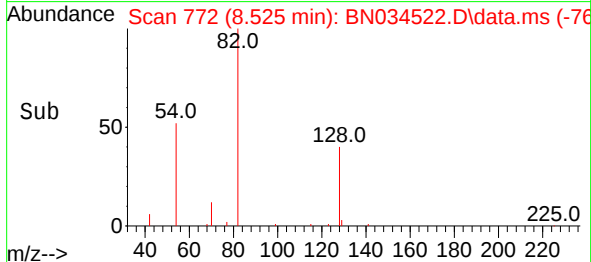
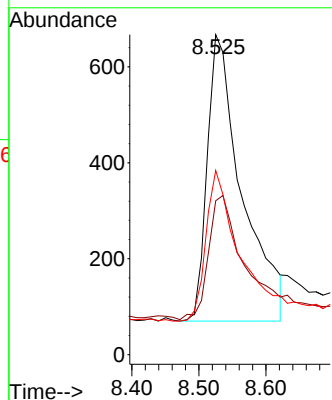
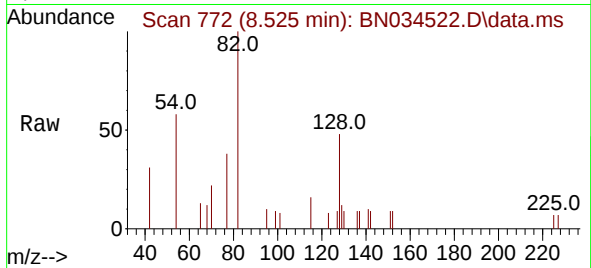




#8
 Nitrobenzene-d5
 Concen: 0.236 ng
 RT: 8.525 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN034522.D
 Acq: 10 Oct 2024 15:43

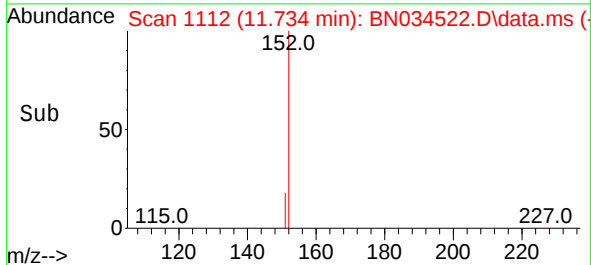
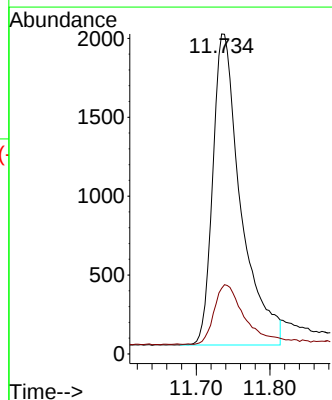
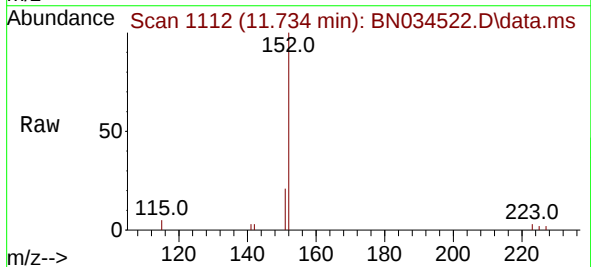
Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20240930

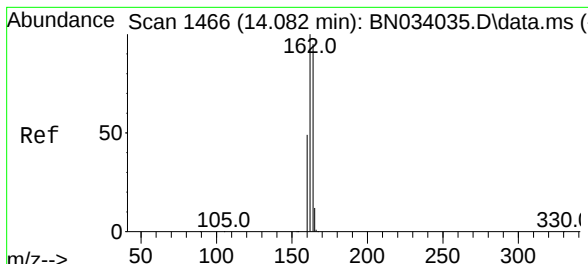
Tgt Ion: 82 Resp: 2147
 Ion Ratio Lower Upper
 82 100
 128 48.1 31.4 47.2#
 54 57.6 47.4 71.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.297 ng
 RT: 11.734 min Scan# 1112
 Delta R.T. -0.019 min
 Lab File: BN034522.D
 Acq: 10 Oct 2024 15:43

Tgt Ion:152 Resp: 5217
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2



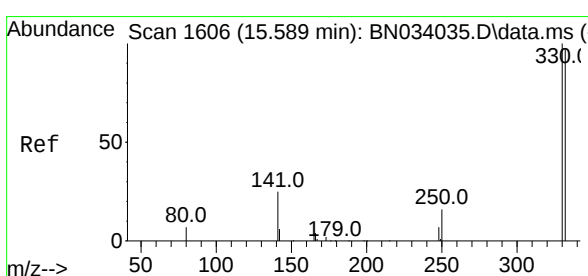
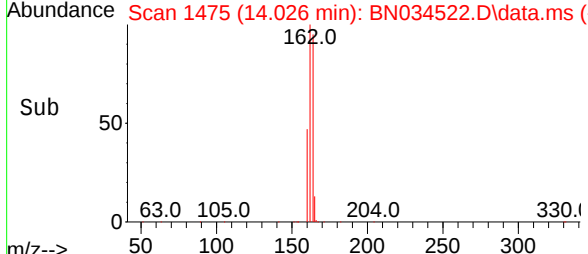
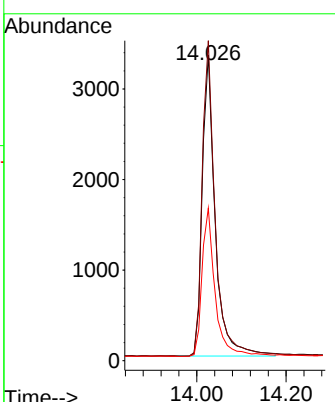
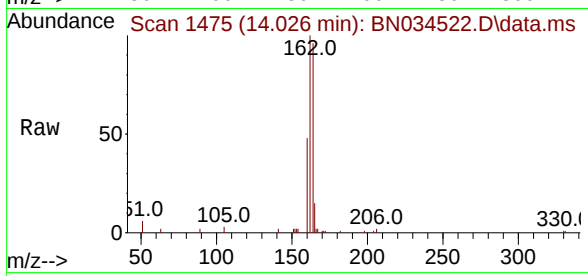


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.026 min Scan# 14
 Delta R.T. -0.021 min
 Lab File: BN034522.D
 Acq: 10 Oct 2024 15:43

Instrument : BNA_N
 ClientSampleId : RE115D2-20240930

Tgt Ion:164 Resp: 6686

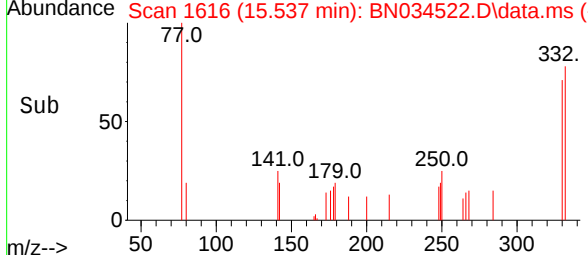
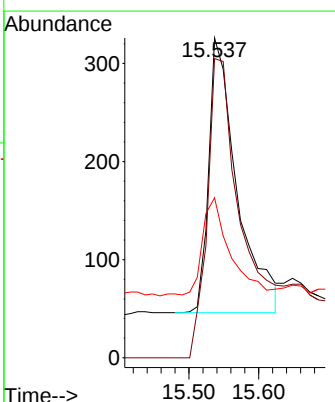
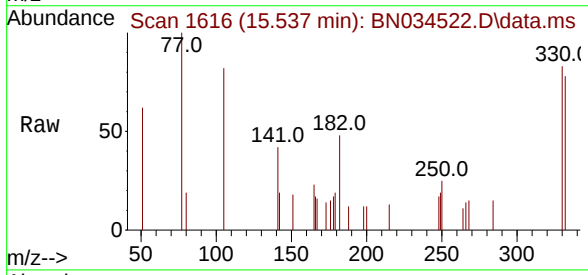
Ion	Ratio	Lower	Upper
164	100		
162	104.7	84.2	126.2
160	49.9	41.7	62.5

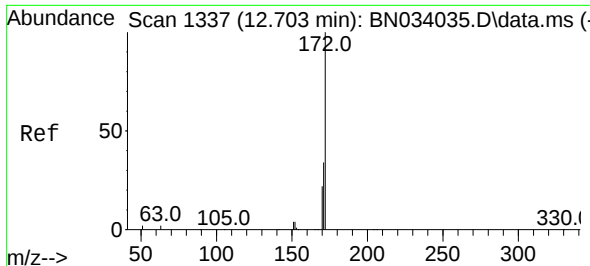


#14
 2,4,6-Tribromophenol
 Concen: 0.253 ng
 RT: 15.537 min Scan# 1616
 Delta R.T. -0.012 min
 Lab File: BN034522.D
 Acq: 10 Oct 2024 15:43

Tgt Ion:330 Resp: 765

Ion	Ratio	Lower	Upper
330	100		
332	137.1	77.4	116.0#
141	34.5	35.9	53.9#





#15

2-Fluorobiphenyl

Concen: 0.275 ng

RT: 12.647 min Scan# 1346

Delta R.T. -0.011 min

Lab File: BN034522.D

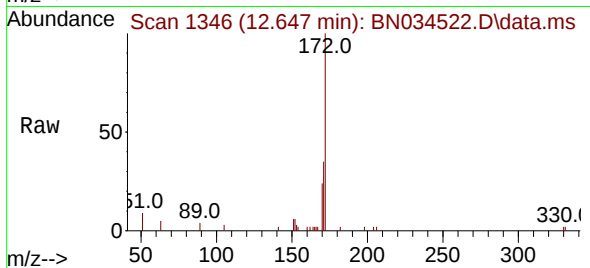
Acq: 10 Oct 2024 15:43

Instrument :

BNA_N

ClientSampleId :

RE115D2-20240930



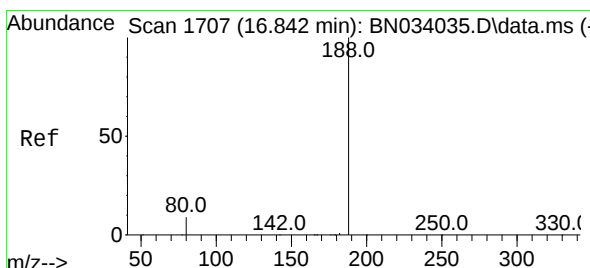
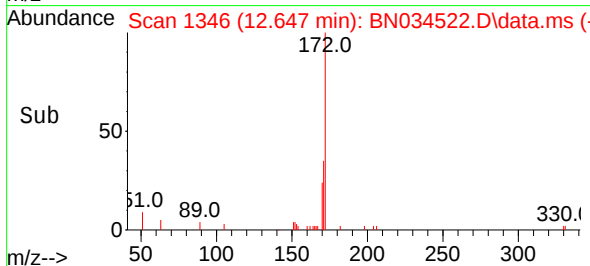
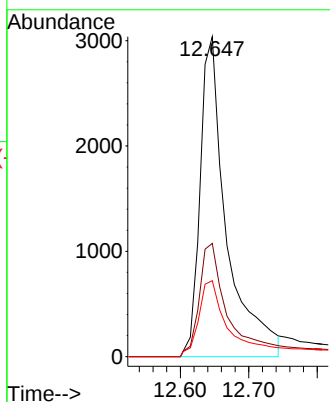
Tgt Ion:172 Resp: 7486

Ion Ratio Lower Upper

172 100

171 35.4 27.3 40.9

170 23.7 18.1 27.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.790 min Scan# 1717

Delta R.T. -0.012 min

Lab File: BN034522.D

Acq: 10 Oct 2024 15:43

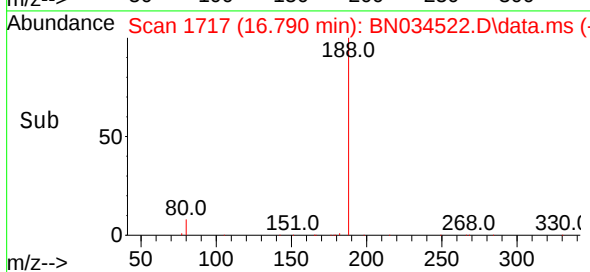
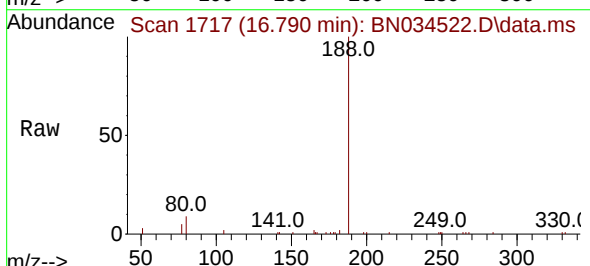
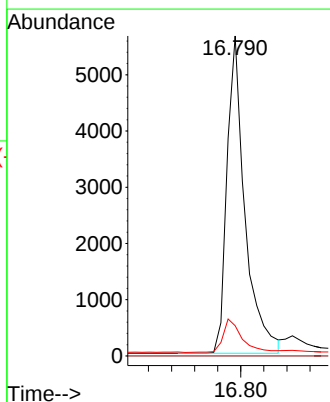
Tgt Ion:188 Resp: 12201

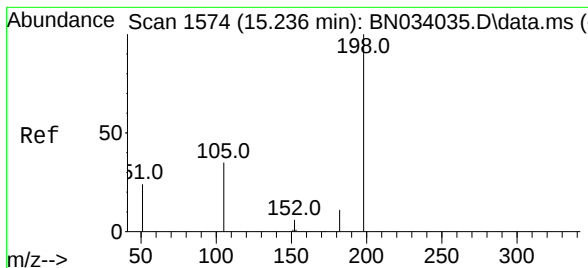
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 7.4 11.0

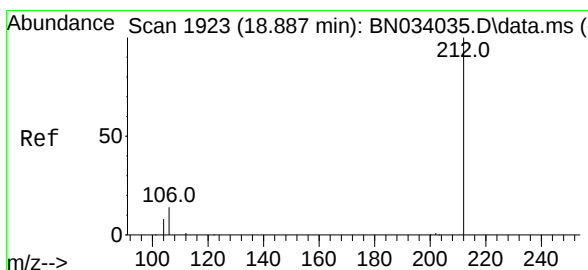
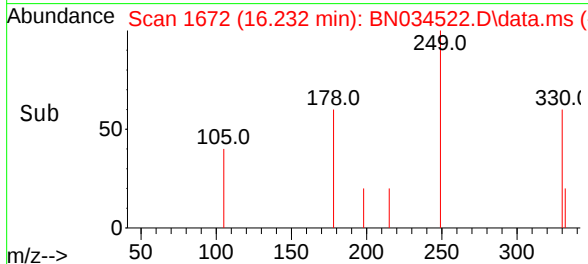
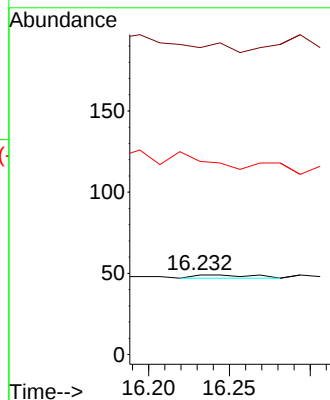
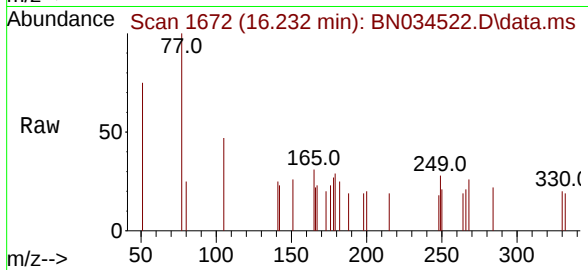




#20
4,6-Dinitro-2-methylphenol
Concen: 0.140 ng
RT: 16.232 min Scan# 1
Delta R.T. -0.074 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

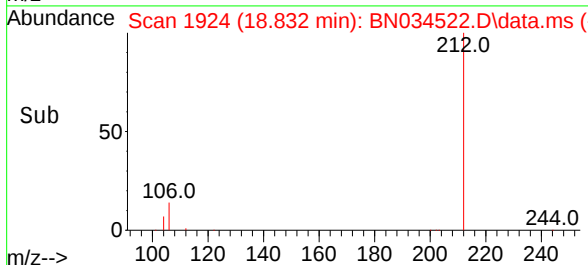
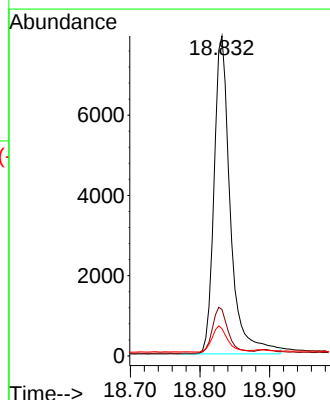
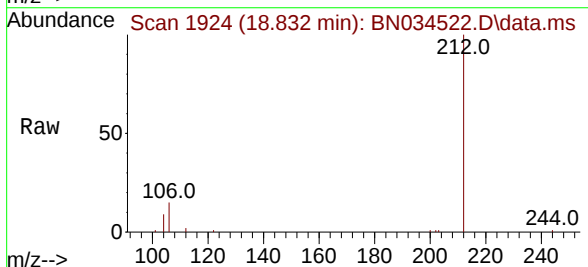
Instrument :
BNA_N
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RE115D2-20240930

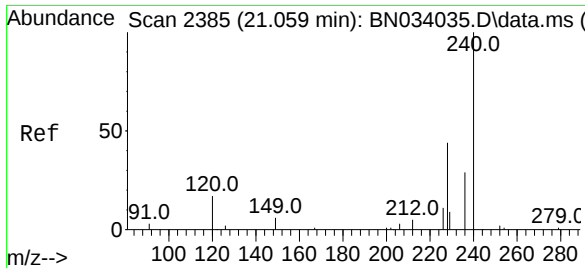
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 385.7 106.4 159.6#
105 242.9 38.5 57.7#



#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 18.832 min Scan# 1924
Delta R.T. -0.014 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

Tgt Ion:212 Resp: 12888
Ion Ratio Lower Upper
212 100
106 14.1 13.4 20.2
104 7.8 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.015 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN034522.D

Acq: 10 Oct 2024 15:43

Instrument :

BNA_N

ClientSampleId :

RE115D2-20240930

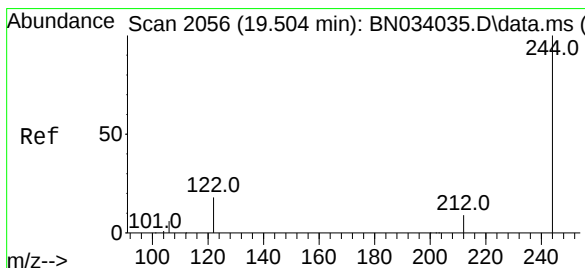
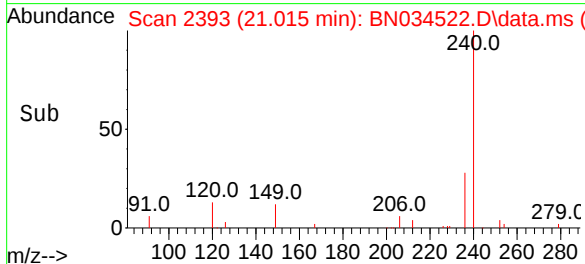
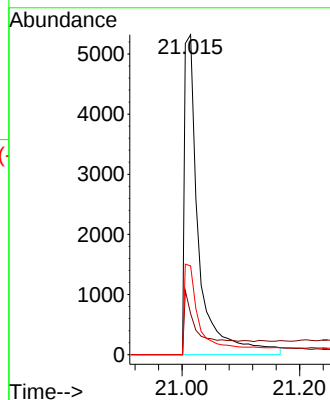
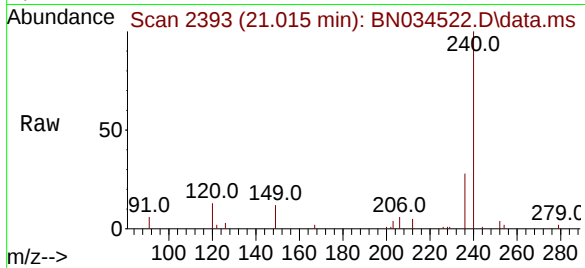
Tgt Ion:240 Resp: 9237

Ion Ratio Lower Upper

240 100

120 12.9 13.5 20.3#

236 27.8 23.4 35.0



#31

Terphenyl-d14

Concen: 0.507 ng

RT: 19.449 min Scan# 2057

Delta R.T. -0.019 min

Lab File: BN034522.D

Acq: 10 Oct 2024 15:43

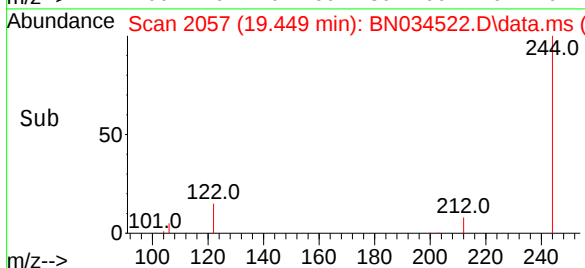
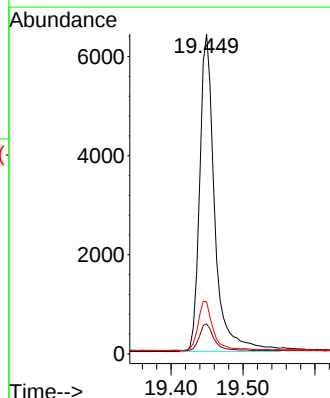
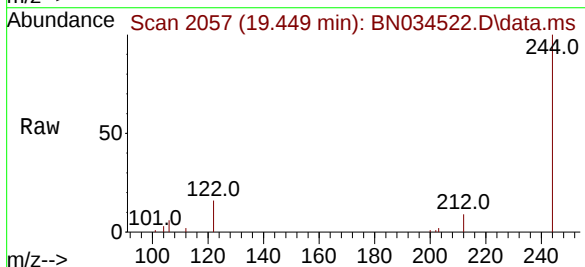
Tgt Ion:244 Resp: 9359

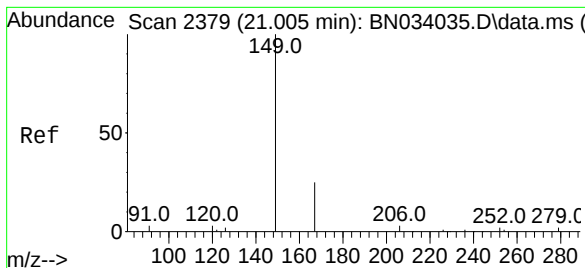
Ion Ratio Lower Upper

244 100

212 9.4 7.8 11.6

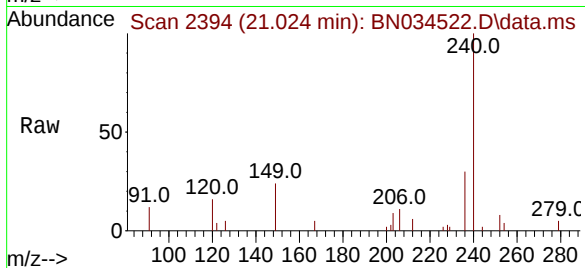
122 16.3 14.8 22.2



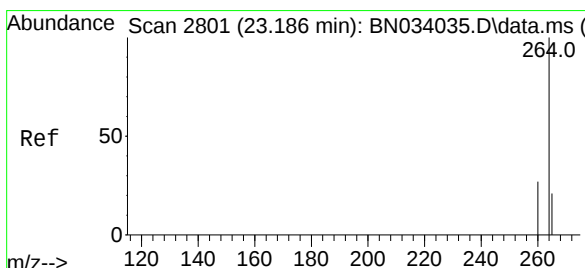
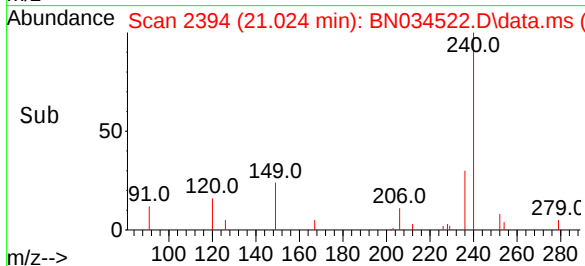
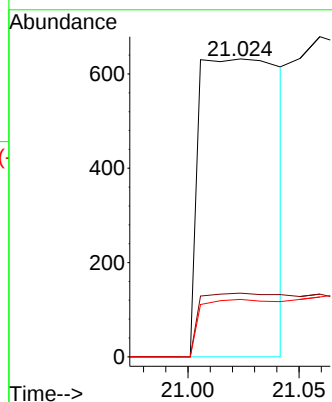


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 21.024 min Scan# 241
Delta R.T. 0.018 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930



Tgt Ion:149 Resp: 1413
Ion Ratio Lower Upper
149 100
167 16.2 19.9 29.9#
279 18.8 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.119 min Scan# 2791
Delta R.T. -0.009 min
Lab File: BN034522.D
Acq: 10 Oct 2024 15:43

Tgt Ion:264 Resp: 11306
Ion Ratio Lower Upper
264 100
260 25.6 21.7 32.5
265 81.0 52.1 78.1#

