

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034142.D
 Acq On : 22 Sep 2024 02:23
 Operator : JU/RC
 Sample : P4116-27
 Misc :
 ALS Vial : 107 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20240918

Quant Time: Sep 23 00:02:45 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)

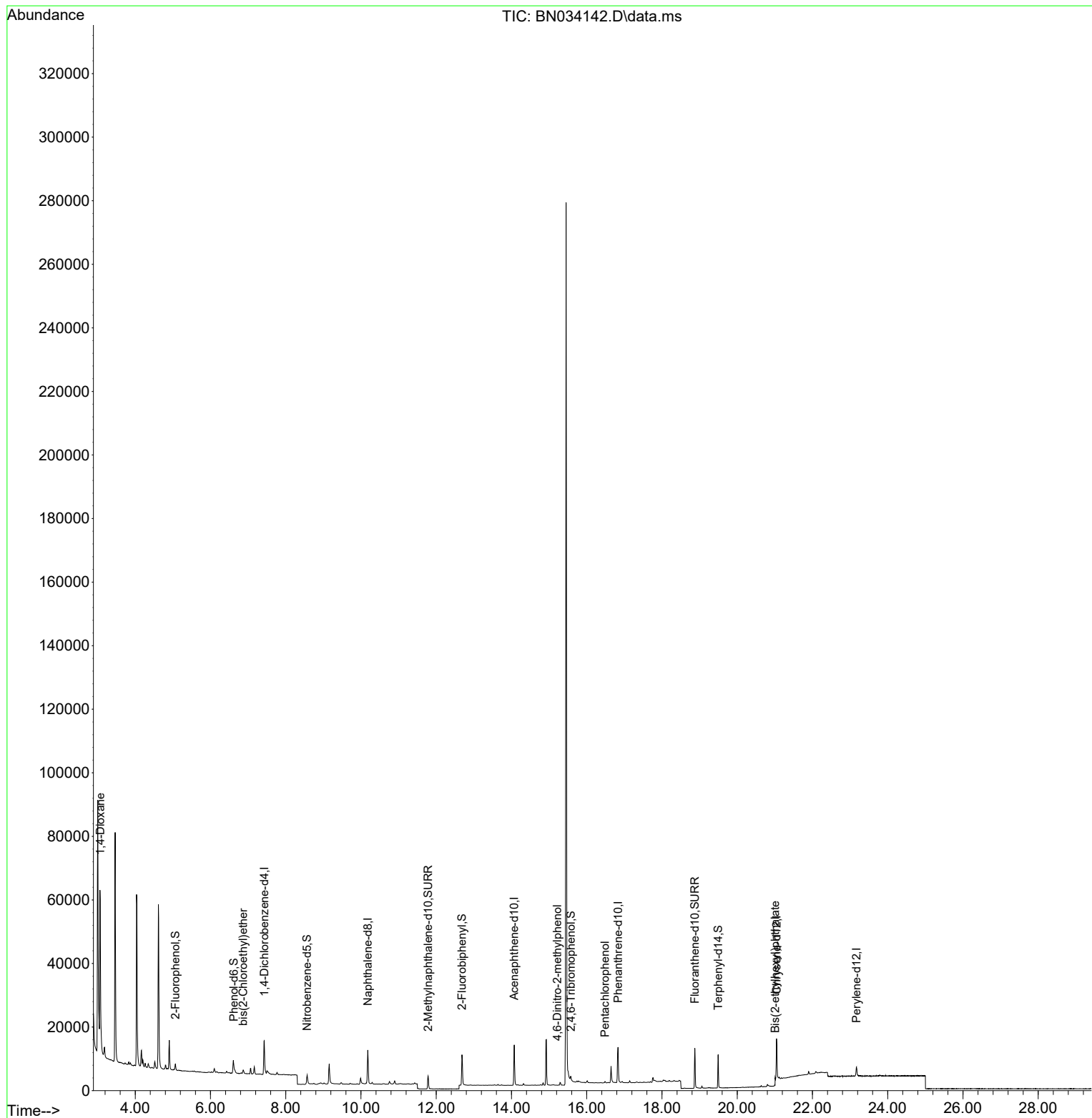
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	4792	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	13672	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	6980	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	16412	0.400	ng	0.00
29) Chrysene-d12	21.044	240	12868	0.400	ng	#-0.01
35) Perylene-d12	23.168	264	3872	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1577	0.116	ng	0.00
5) Phenol-d6	6.622	99	1303	0.082	ng	-0.01
8) Nitrobenzene-d5	8.568	82	2776	0.265	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	5854	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	818	0.259	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	9445	0.333	ng	-0.02
27) Fluoranthene-d10	18.871	212	13663	0.330	ng	-0.02
31) Terphenyl-d14	19.494	244	9537	0.371	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.068	88	31900	5.325	ng	# 87
6) bis(2-Chloroethyl)ether	6.867	93	441	0.032	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.216	198	3	0.139	ng	# 1
24) Pentachlorophenol	16.486	266	256	0.075	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.008	149	1084	0.064	ng	# 90

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

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Misc :
ALS Vial : 107 Sample Multiplier: 1

Instrument :
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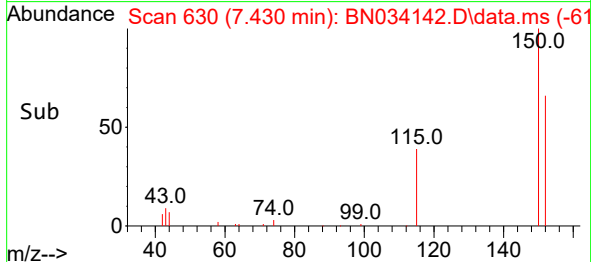
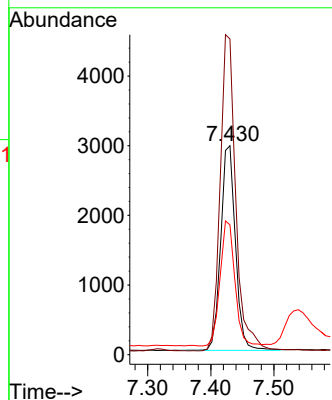
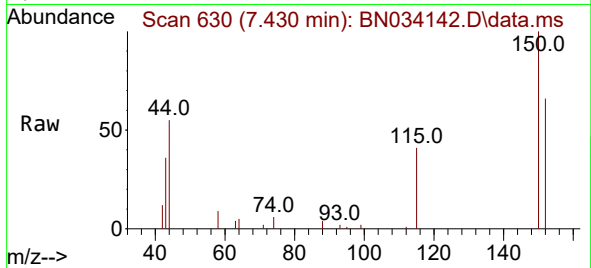




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

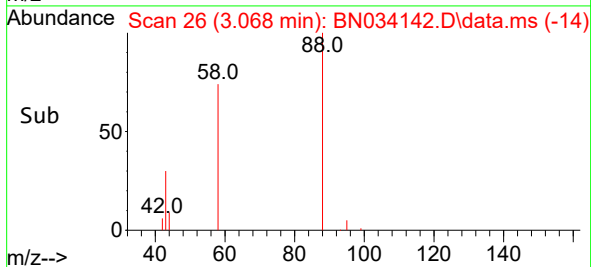
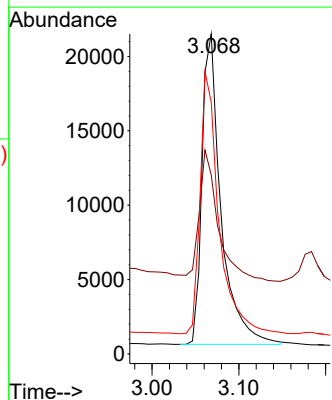
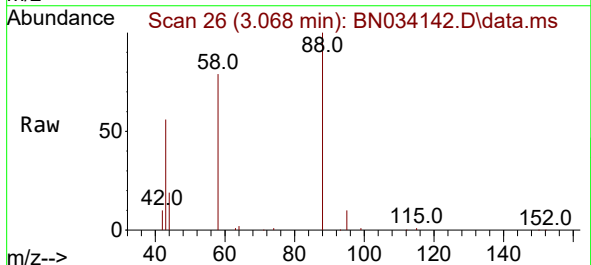
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918

Tgt Ion:152 Resp: 4792
Ion Ratio Lower Upper
152 100
150 151.0 124.6 187.0
115 62.1 50.0 75.0



#2
1,4-Dioxane
Concen: 5.325 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

Tgt Ion: 88 Resp: 31900
Ion Ratio Lower Upper
88 100
43 41.9 25.8 38.8#
58 83.4 58.8 88.2

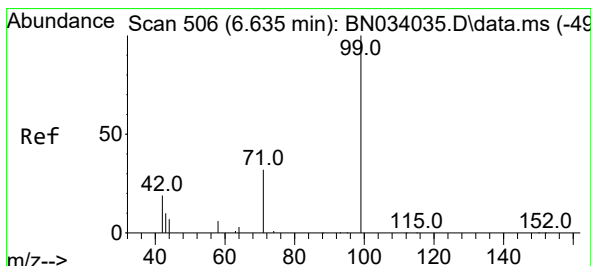
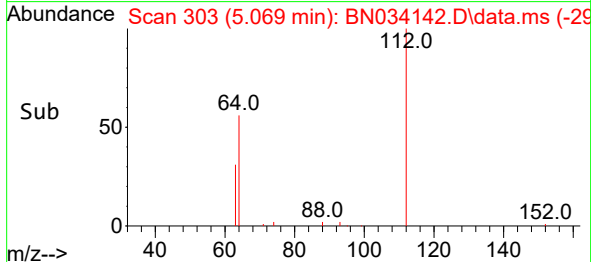
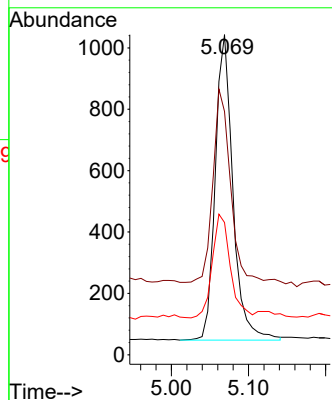
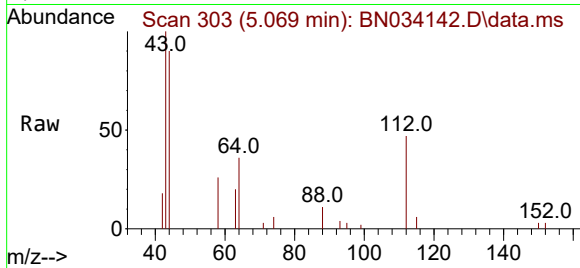




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

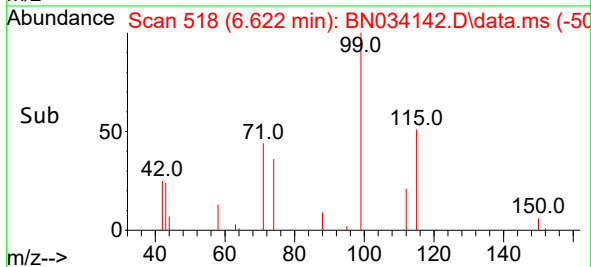
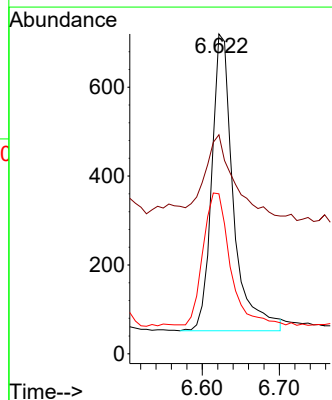
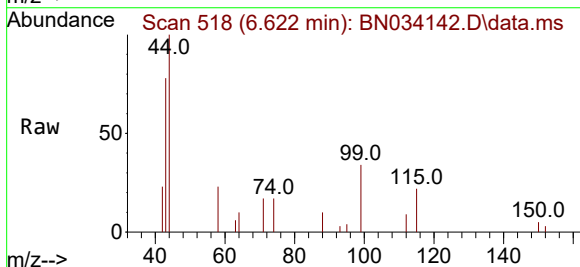
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918

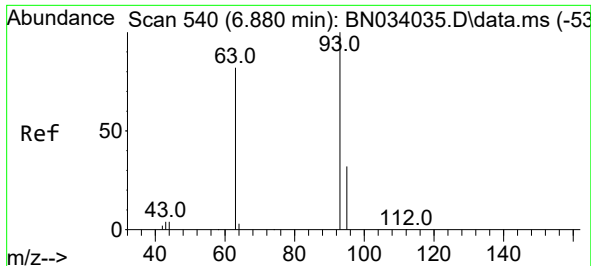
Tgt Ion:112 Resp: 1577
Ion Ratio Lower Upper
112 100
64 62.8 48.6 72.8
63 34.8 25.6 38.4



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.622 min Scan# 518
Delta R.T. -0.013 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

Tgt Ion: 99 Resp: 1303
Ion Ratio Lower Upper
99 100
42 35.5 17.8 26.8#
71 55.0 26.2 39.2#

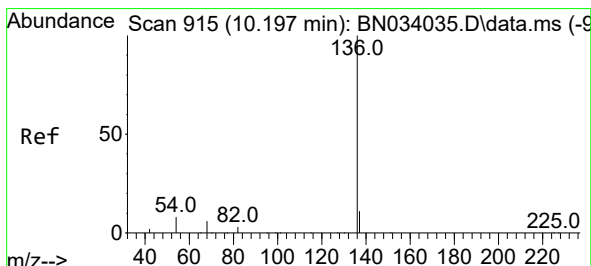
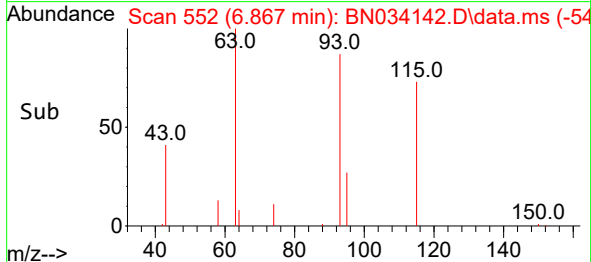
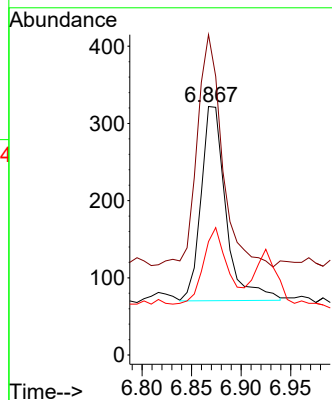
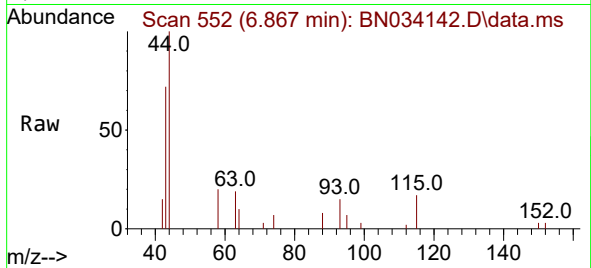




#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 6.867 min Scan# 511
Delta R.T. -0.013 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

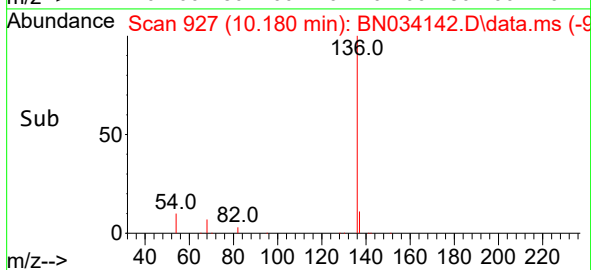
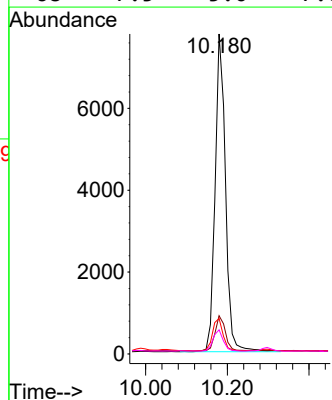
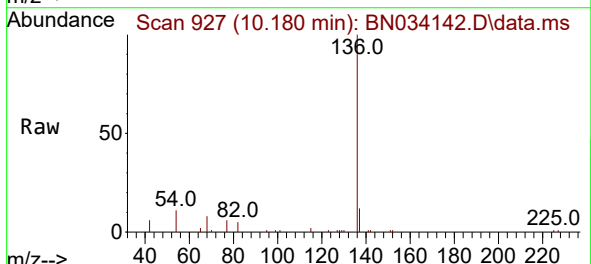
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918

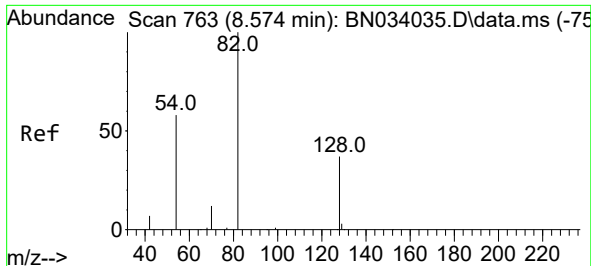
Tgt Ion: 93 Resp: 441
Ion Ratio Lower Upper
93 100
63 120.6 67.3 100.9#
95 38.1 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 927
Delta R.T. -0.017 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

Tgt Ion:136 Resp: 13672
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.6
54 11.1 6.8 10.2#
68 7.5 5.0 7.6

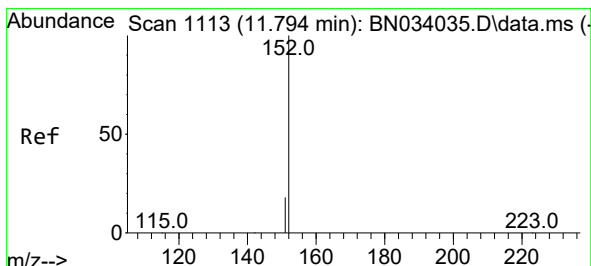
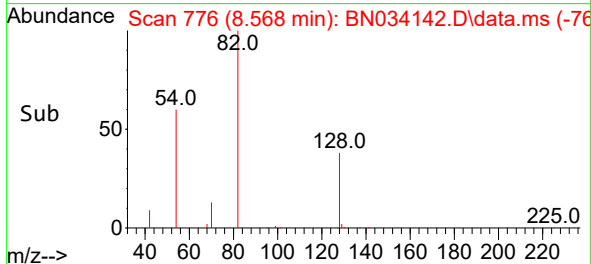
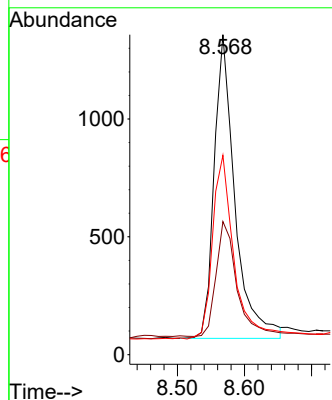
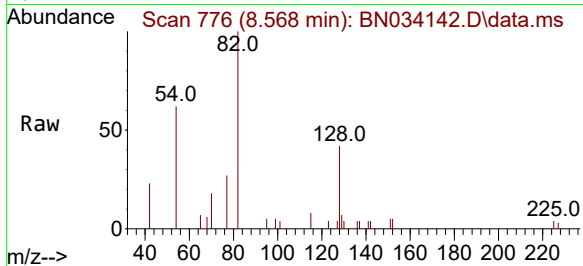




#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.568 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

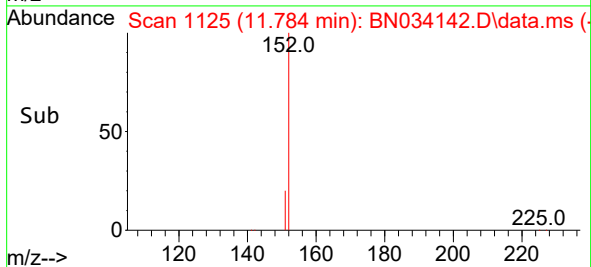
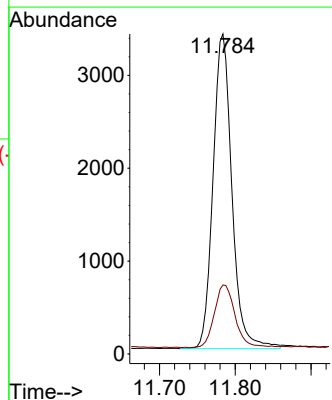
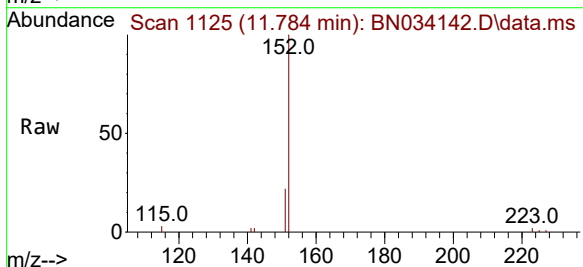
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918

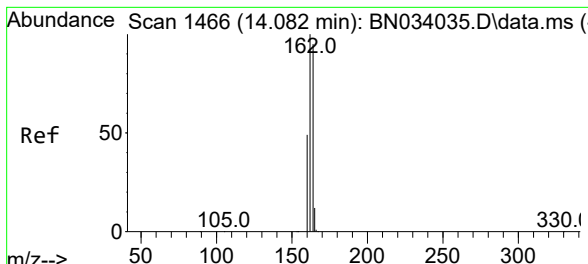
Tgt Ion: 82 Resp: 2776
Ion Ratio Lower Upper
82 100
128 41.6 31.4 47.2
54 62.3 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 11.784 min Scan# 1125
Delta R.T. -0.010 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

Tgt Ion:152 Resp: 5854
Ion Ratio Lower Upper
152 100
151 22.1 16.8 25.2

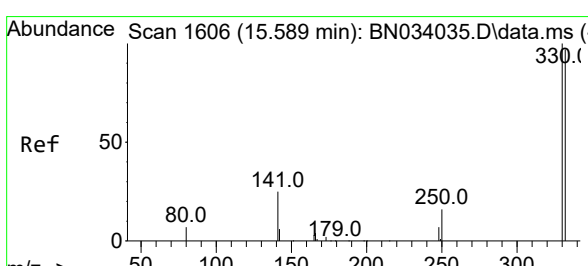
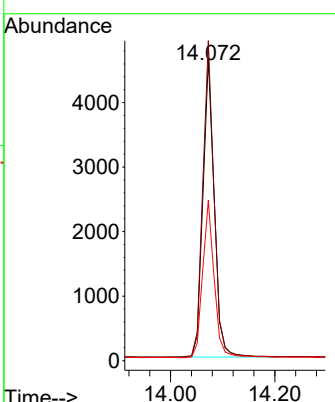
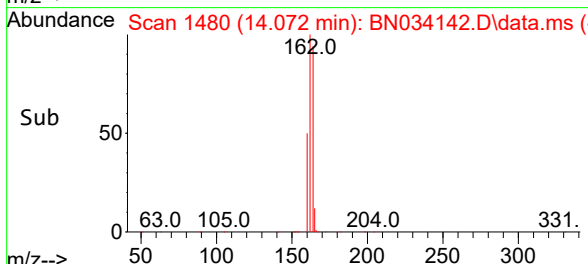
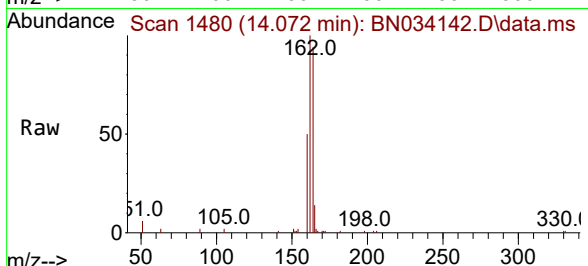




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.072 min Scan# 14
 Delta R.T. -0.009 min
 Lab File: BN034142.D
 Acq: 22 Sep 2024 02:23

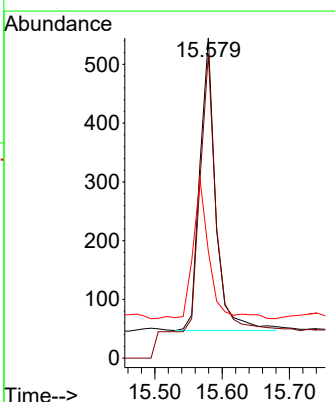
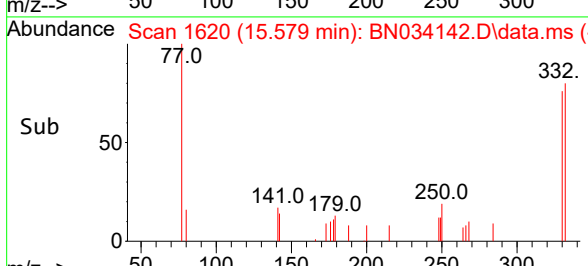
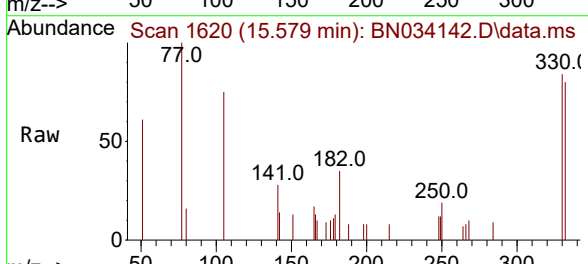
Instrument : BNA_N
 ClientSampleId : DUP05-20240918

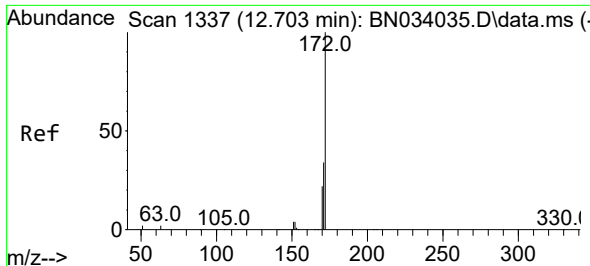
Tgt Ion:	164	Resp:	6980
Ion	Ratio	Lower	Upper
164	100		
162	105.8	84.2	126.2
160	53.0	41.7	62.5



#14
 2,4,6-Tribromophenol
 Concen: 0.259 ng
 RT: 15.579 min Scan# 1620
 Delta R.T. -0.009 min
 Lab File: BN034142.D
 Acq: 22 Sep 2024 02:23

Tgt Ion:	330	Resp:	818
Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.0
141	48.4	35.9	53.9

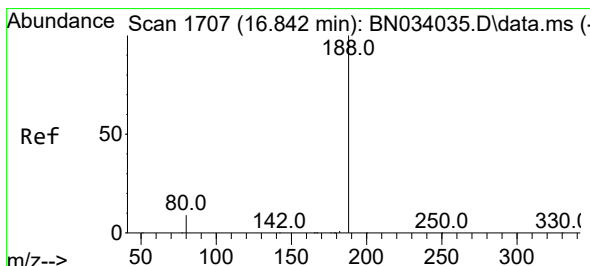
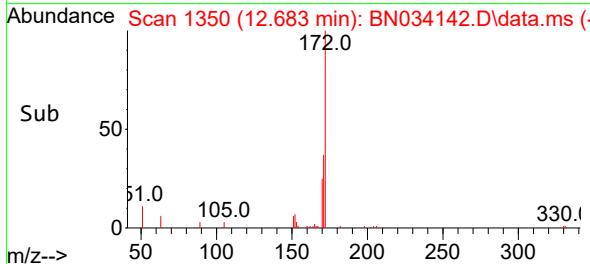
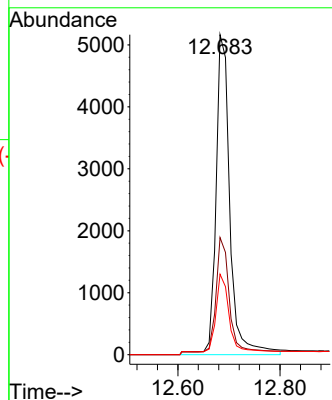
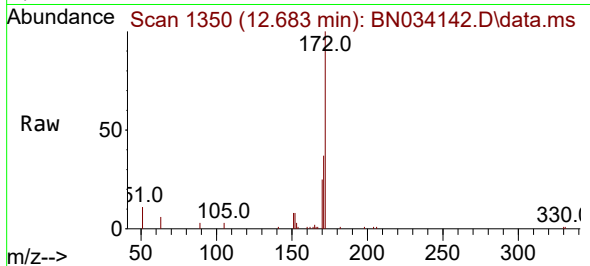




#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.683 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

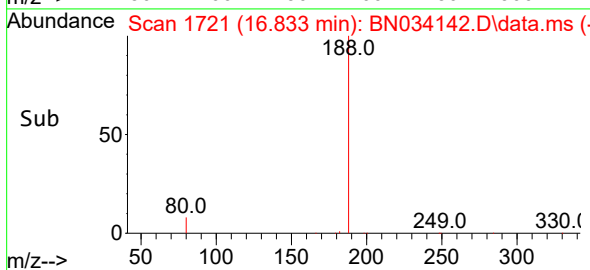
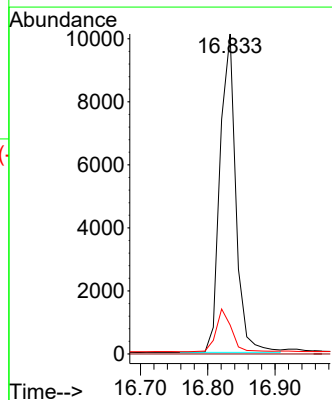
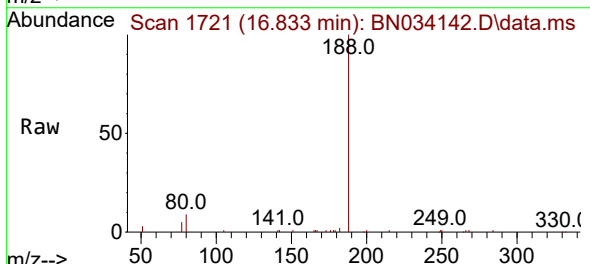
Instrument :
BNA_N
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DUP05-20240918

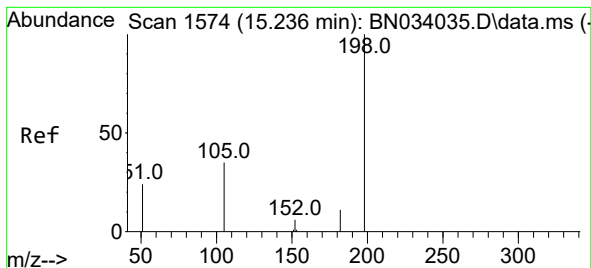
Tgt Ion:172	Resp:	9445
Ion Ratio	Lower	Upper
172	100	
171	36.6	27.3 40.9
170	25.2	18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

Tgt Ion:188	Resp:	16412
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.1	7.4 11.0

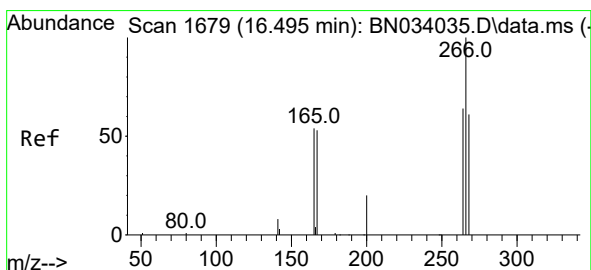
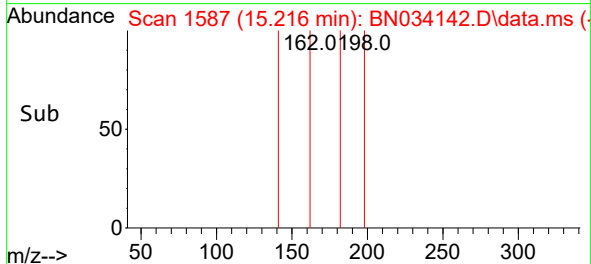
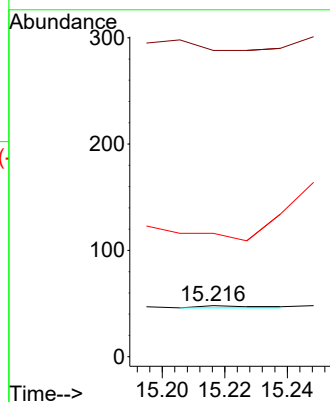
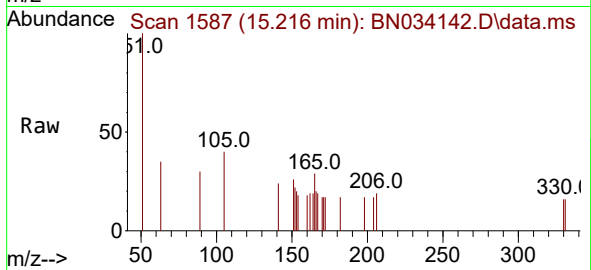




#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.216 min Scan# 1587
Delta R.T. -0.020 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

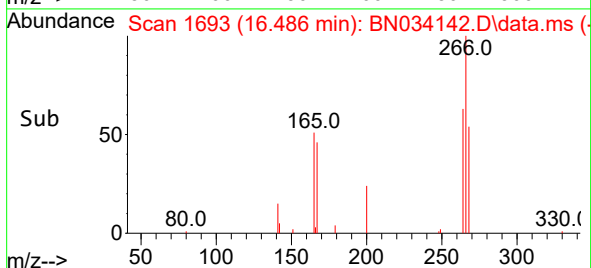
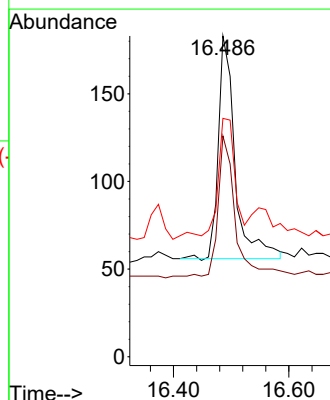
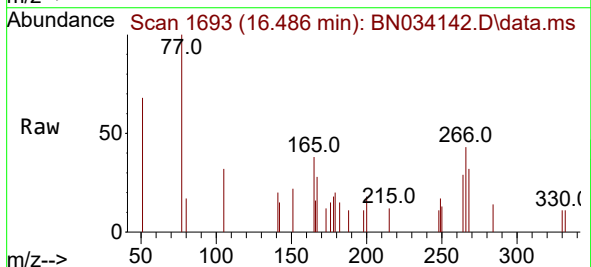
Instrument :
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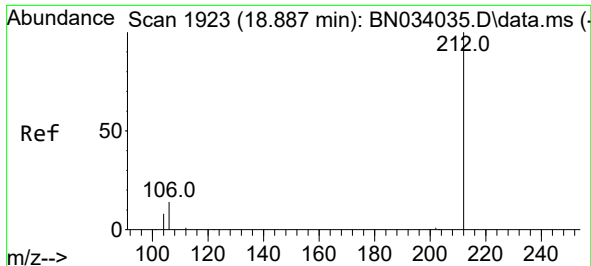
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 600.0 106.4 159.6#
105 241.7 38.5 57.7#



#24
Pentachlorophenol
Concen: 0.075 ng
RT: 16.486 min Scan# 1693
Delta R.T. -0.009 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

Tgt Ion:266 Resp: 256
Ion Ratio Lower Upper
266 100
264 63.3 50.2 75.2
268 50.8 51.0 76.4#

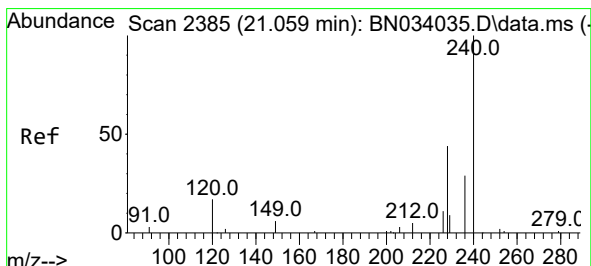
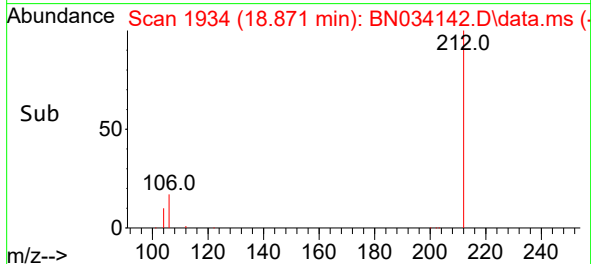
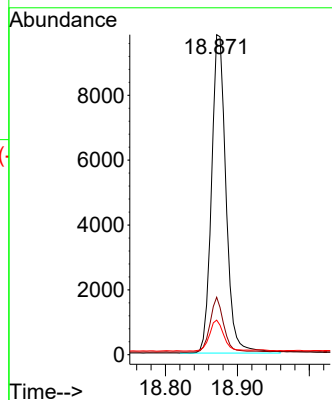
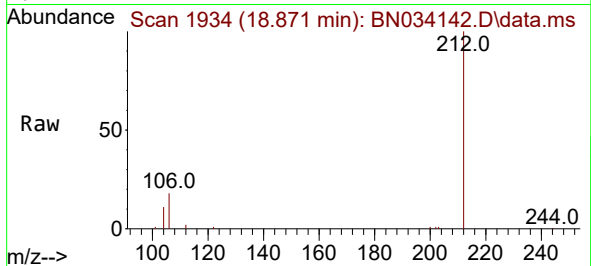




#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 18.871 min Scan# 1923
Delta R.T. -0.015 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

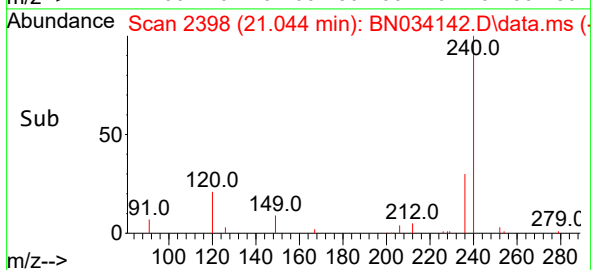
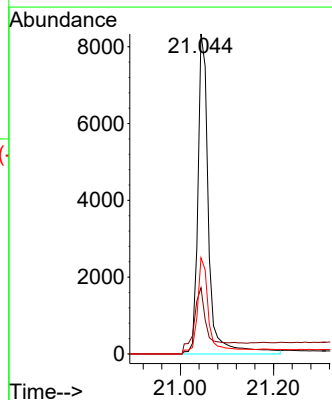
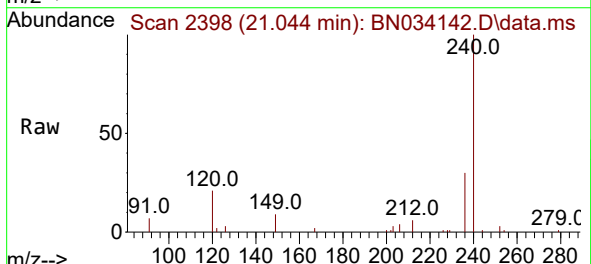
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918

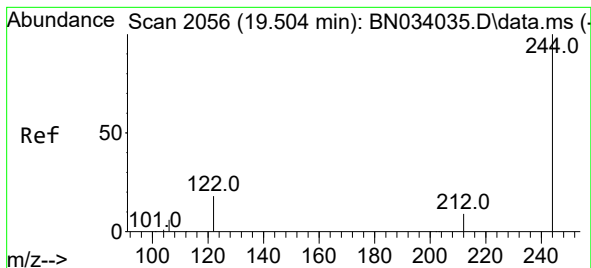
Tgt Ion:212 Resp: 13663
Ion Ratio Lower Upper
212 100
106 16.3 13.4 20.2
104 9.5 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.044 min Scan# 2398
Delta R.T. -0.015 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

Tgt Ion:240 Resp: 12868
Ion Ratio Lower Upper
240 100
120 20.7 13.5 20.3#
236 30.0 23.4 35.0





#31

Terphenyl-d14

Concen: 0.371 ng

RT: 19.494 min Scan# 2056

Delta R.T. -0.011 min

Lab File: BN034142.D

Acq: 22 Sep 2024 02:23

Instrument :

BNA_N

ClientSampleId :

DUP05-20240918

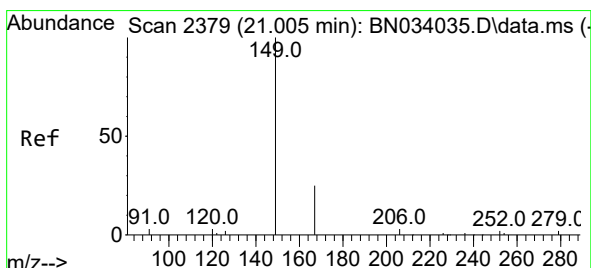
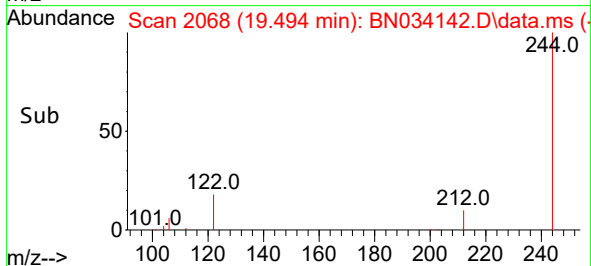
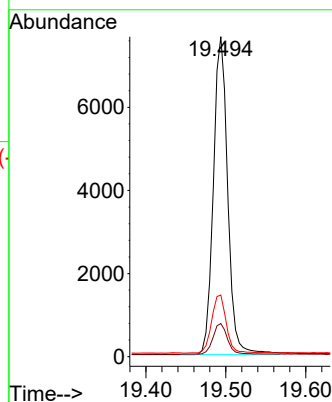
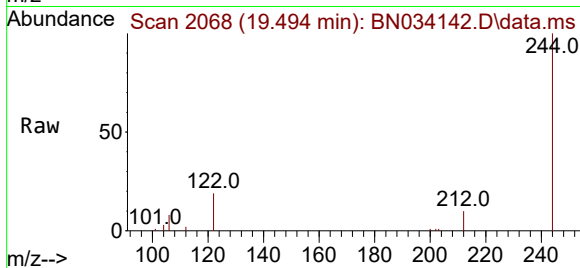
Tgt Ion:244 Resp: 9537

Ion Ratio Lower Upper

244 100

212 10.4 7.8 11.6

122 19.3 14.8 22.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.064 ng

RT: 21.008 min Scan# 2394

Delta R.T. 0.003 min

Lab File: BN034142.D

Acq: 22 Sep 2024 02:23

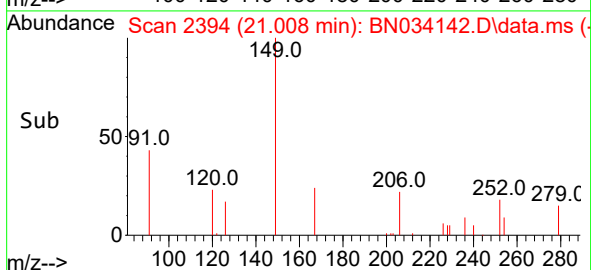
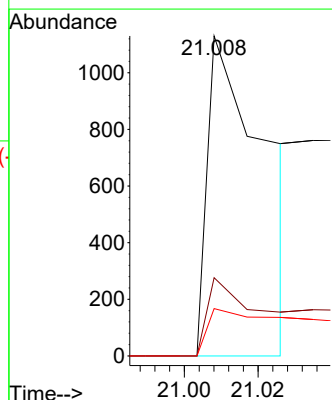
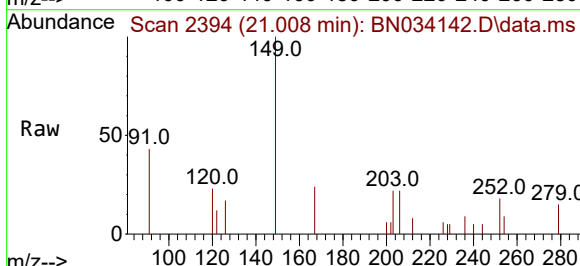
Tgt Ion:149 Resp: 1084

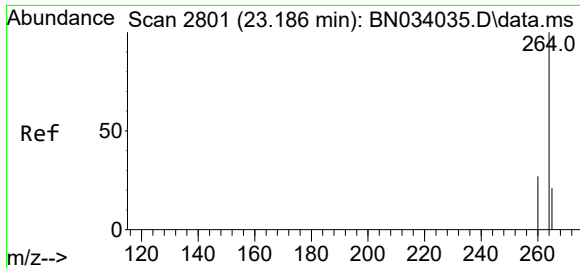
Ion Ratio Lower Upper

149 100

167 22.4 19.9 29.9

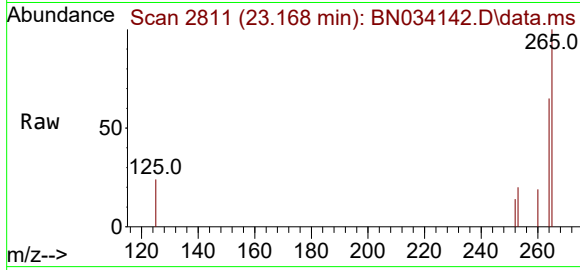
279 16.6 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.168 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN034142.D
Acq: 22 Sep 2024 02:23

Instrument :
BNA_N
ClientSampleId :
DUP05-20240918



Tgt Ion:264 Resp: 3872
Ion Ratio Lower Upper
264 100
260 29.3 21.7 32.5
265 154.6 52.1 78.1#

