

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034130.D
 Acq On : 21 Sep 2024 18:27
 Operator : JU/RC
 Sample : P4116-20
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20240918

Quant Time: Sep 23 00:00:16 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)

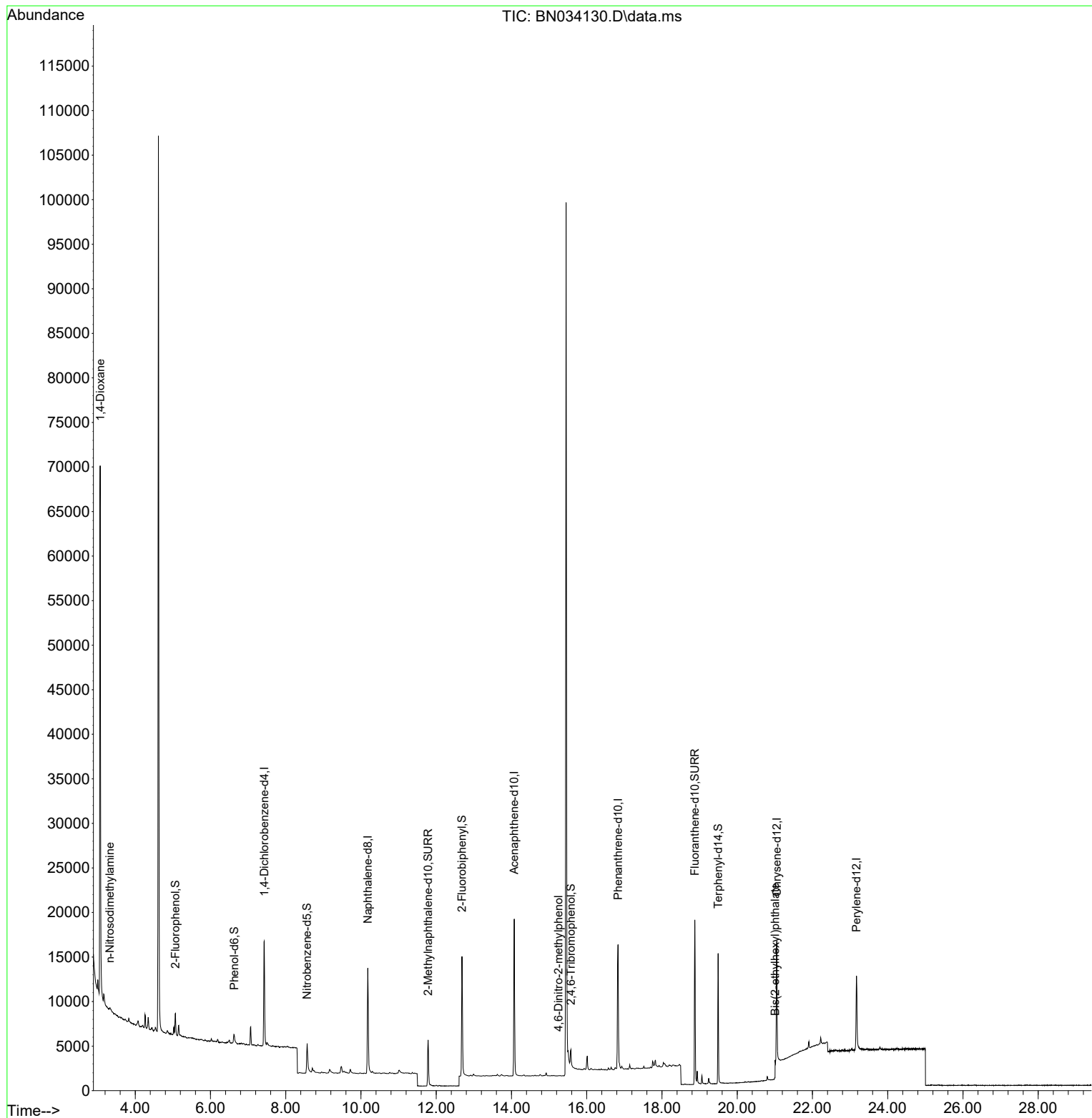
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5723	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	16236	0.400	ng	#-0.02
13) Acenaphthene-d10	14.073	164	9648	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	20970	0.400	ng	0.00
29) Chrysene-d12	21.053	240	14532	0.400	ng	# 0.00
35) Perylene-d12	23.168	264	11181	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1911	0.118	ng	0.00
5) Phenol-d6	6.629	99	1167	0.062	ng	0.00
8) Nitrobenzene-d5	8.568	82	3442	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	7624	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	1148	0.263	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	12360	0.315	ng	-0.02
27) Fluoranthene-d10	18.871	212	20351	0.385	ng	-0.02
31) Terphenyl-d14	19.494	244	13334	0.459	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.068	88	33585	4.694	ng	# 87
3) n-Nitrosodimethylamine	3.328	42	321	0.039	ng	# 2
20) 4,6-Dinitro-2-methylph...	15.249	198	8	0.140	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	964	0.050	ng	# 81

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

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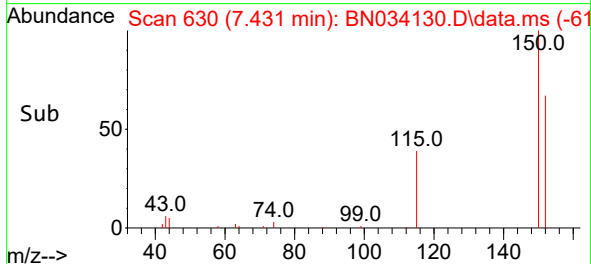
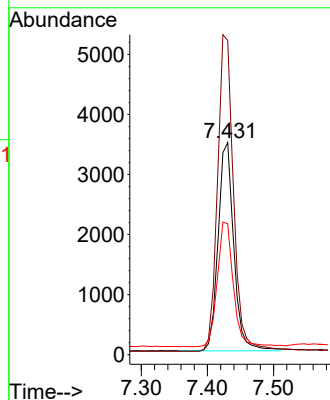
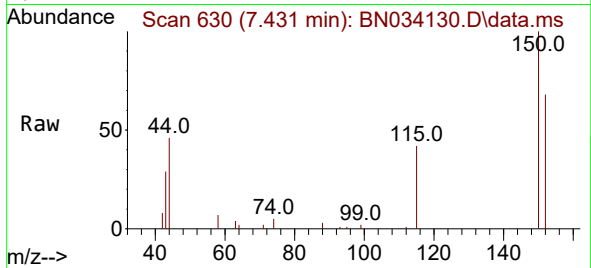




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

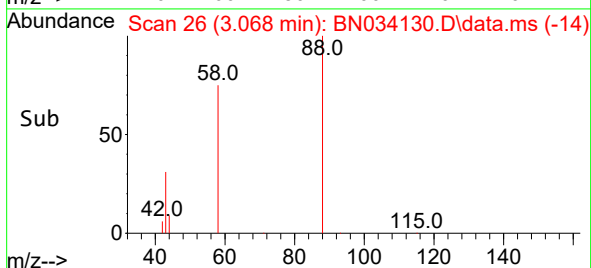
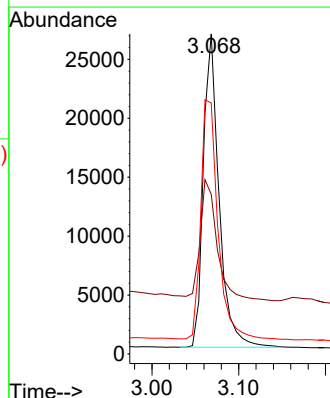
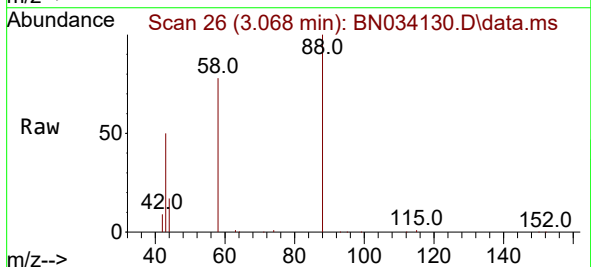
Instrument :
BNA_N
ClientSampleId :
RE132D2-20240918

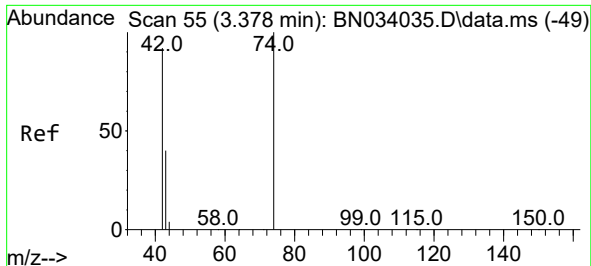
Tgt Ion:152 Resp: 5723
Ion Ratio Lower Upper
152 100
150 148.1 124.6 187.0
115 61.7 50.0 75.0



#2
1,4-Dioxane
Concen: 4.694 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Tgt Ion: 88 Resp: 33585
Ion Ratio Lower Upper
88 100
43 41.8 25.8 38.8#
58 83.3 58.8 88.2

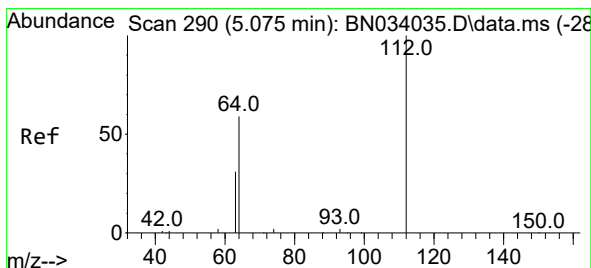
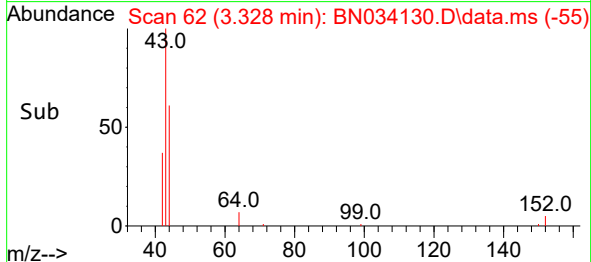
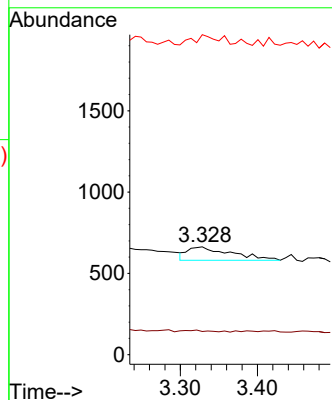
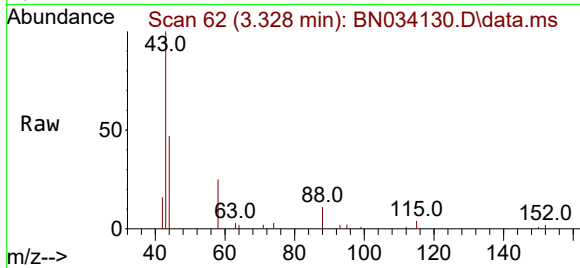




#3
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 3.328 min Scan# 61
Delta R.T. -0.049 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

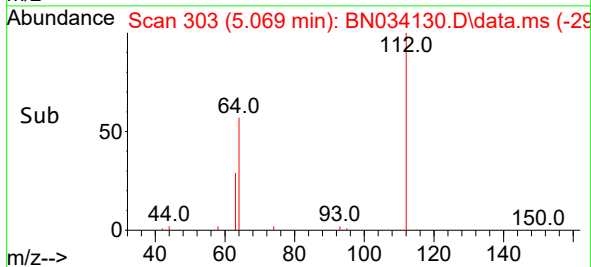
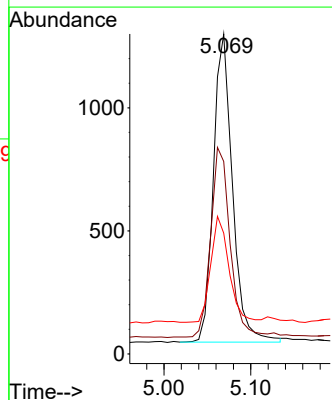
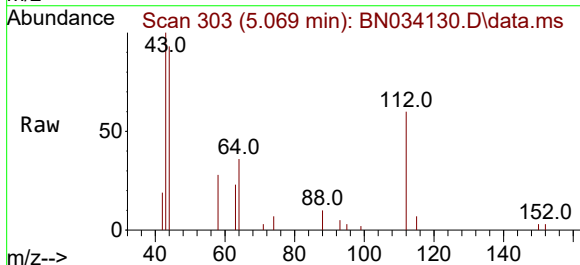
Instrument :
BNA_N
ClientSampleId :
RE132D2-20240918

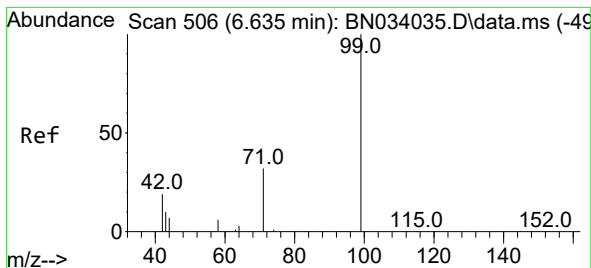
Tgt Ion: 42 Resp: 321
Ion Ratio Lower Upper
42 100
74 6.2 94.6 142.0#
44 44.9 12.4 18.6#



#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Tgt Ion: 112 Resp: 1911
Ion Ratio Lower Upper
112 100
64 63.7 48.6 72.8
63 32.6 25.6 38.4





#5

Phenol-d6

Concen: 0.062 ng

RT: 6.629 min Scan# 519

Delta R.T. -0.006 min

Lab File: BN034130.D

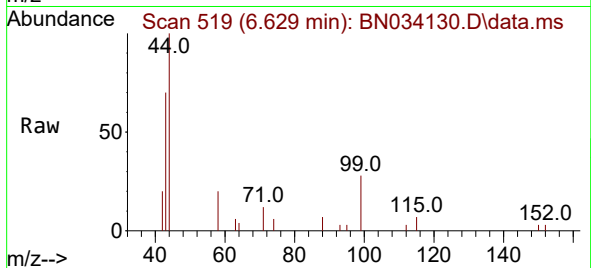
Acq: 21 Sep 2024 18:27

Instrument :

BNA_N

ClientSampleId :

RE132D2-20240918



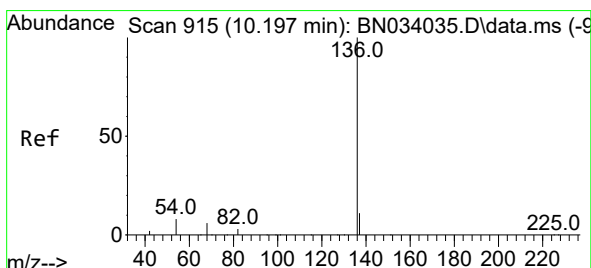
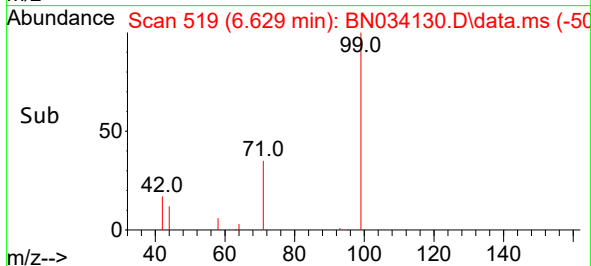
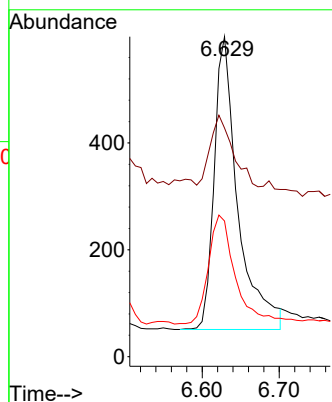
Tgt Ion: 99 Resp: 1167

Ion Ratio Lower Upper

99 100

42 23.1 17.8 26.8

71 41.0 26.2 39.2#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.180 min Scan# 927

Delta R.T. -0.017 min

Lab File: BN034130.D

Acq: 21 Sep 2024 18:27

Tgt Ion: 136 Resp: 16236

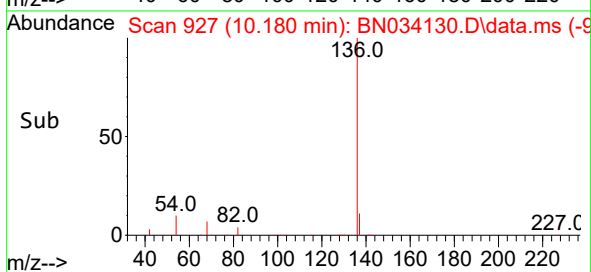
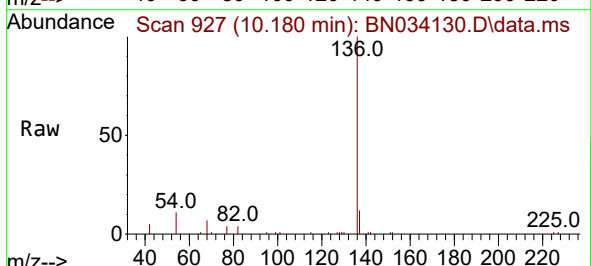
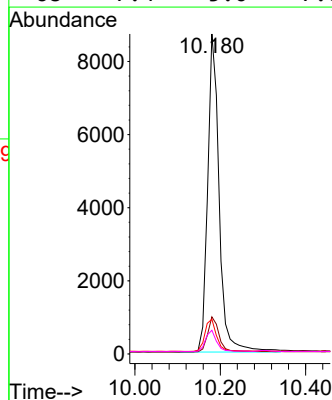
Ion Ratio Lower Upper

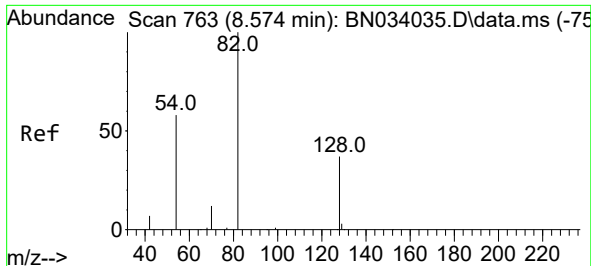
136 100

137 11.6 9.0 13.6

54 10.9 6.8 10.2#

68 7.4 5.0 7.6

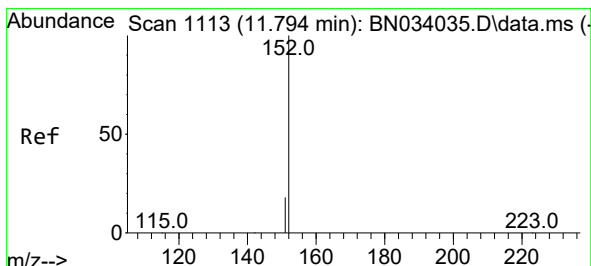
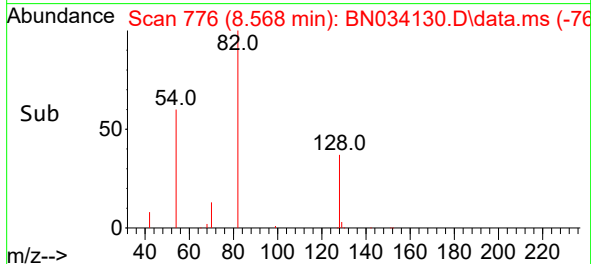
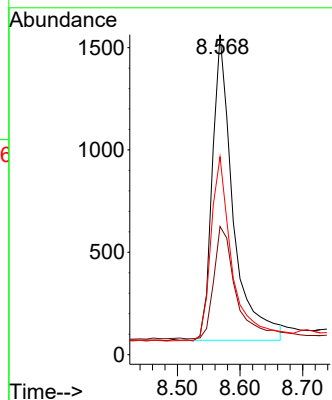
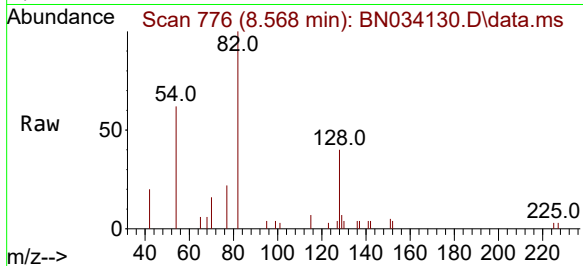




#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.568 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

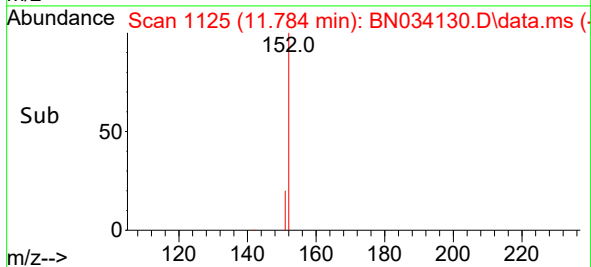
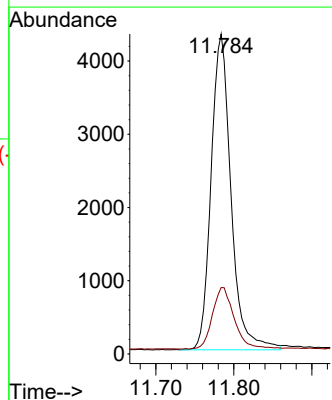
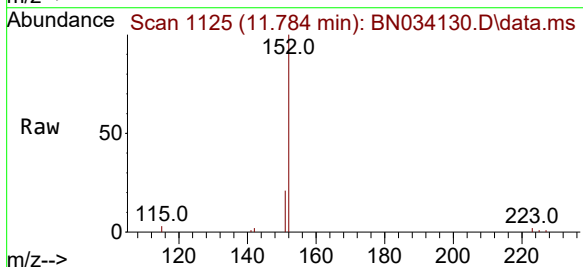
Instrument :
BNA_N
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RE132D2-20240918

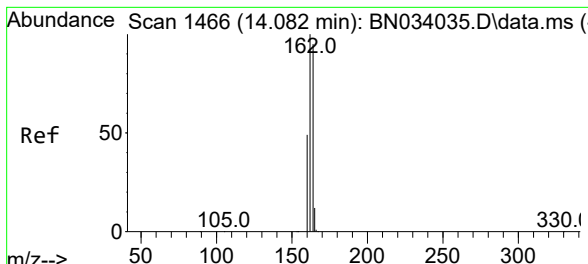
Tgt Ion: 82 Resp: 3442
Ion Ratio Lower Upper
82 100
128 40.1 31.4 47.2
54 61.9 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 11.784 min Scan# 1125
Delta R.T. -0.010 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Tgt Ion:152 Resp: 7624
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2

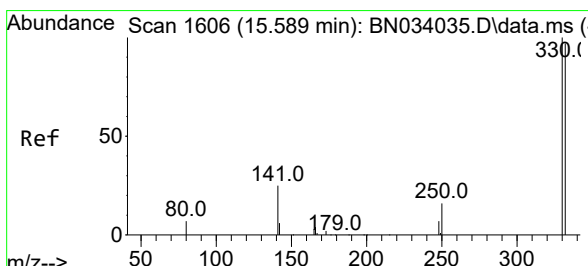
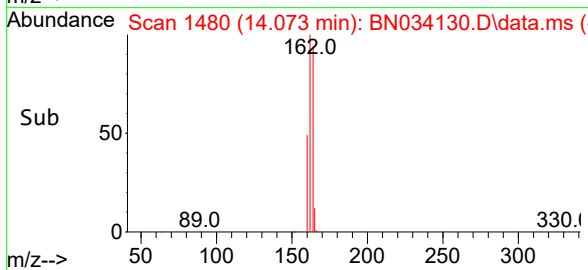
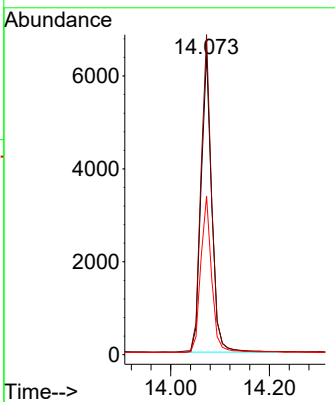
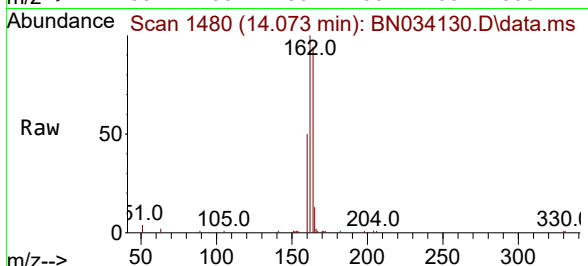




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.073 min Scan# 14
 Delta R.T. -0.009 min
 Lab File: BN034130.D
 Acq: 21 Sep 2024 18:27

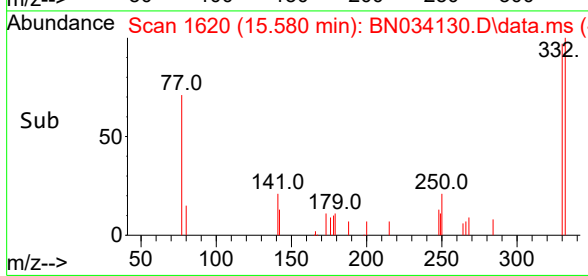
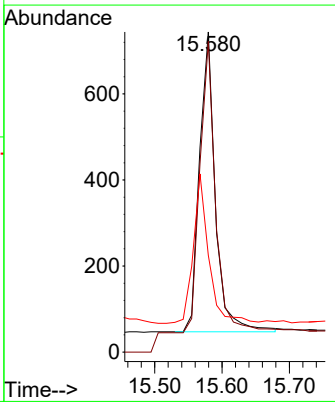
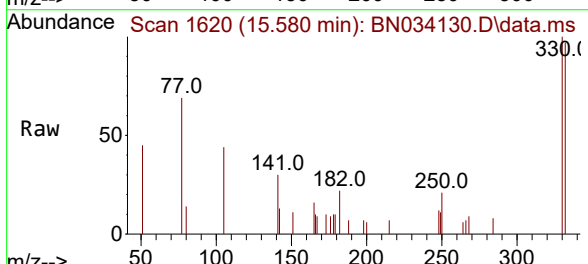
Instrument : BNA_N
 ClientSampleId : RE132D2-20240918

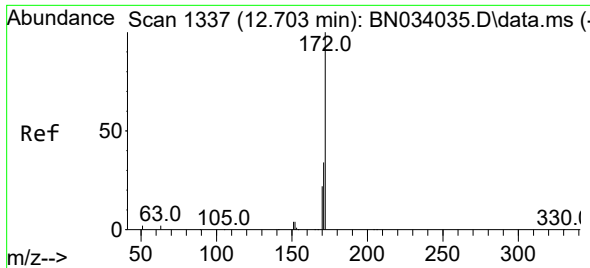
Tgt Ion:	164	Resp:	9648
Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.2	126.2
160	52.7	41.7	62.5



#14
 2,4,6-Tribromophenol
 Concen: 0.263 ng
 RT: 15.580 min Scan# 1620
 Delta R.T. -0.009 min
 Lab File: BN034130.D
 Acq: 21 Sep 2024 18:27

Tgt Ion:	330	Resp:	1148
Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	48.1	35.9	53.9

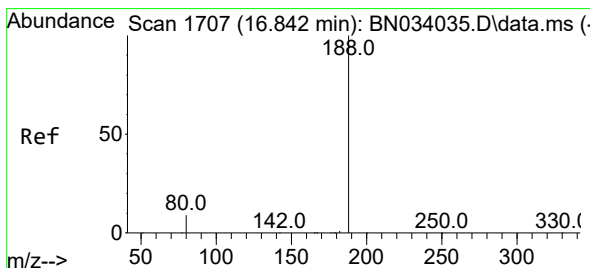
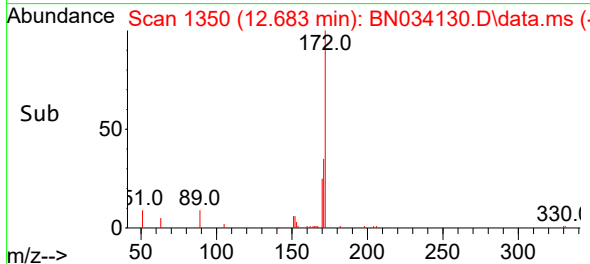
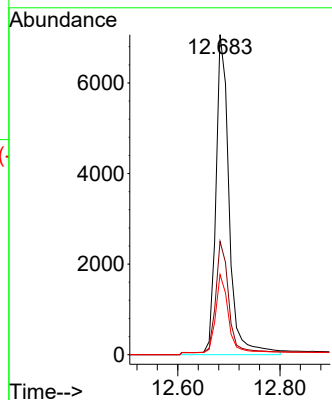
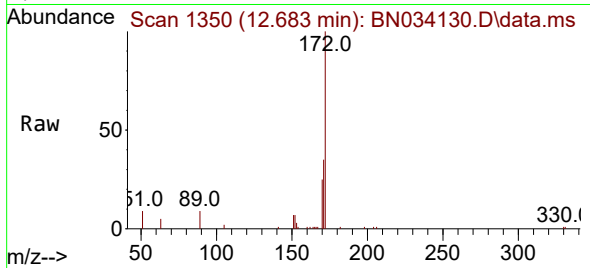




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.683 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

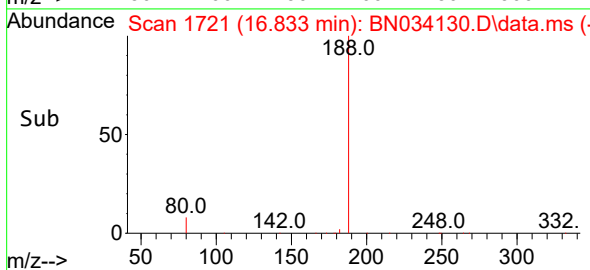
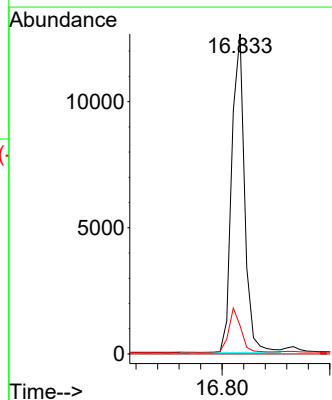
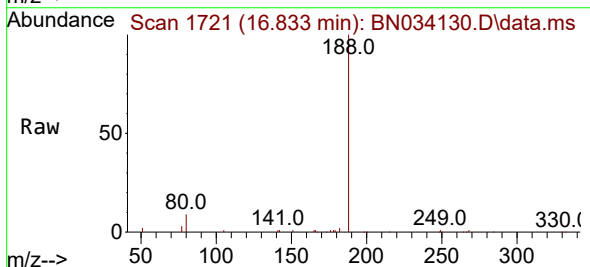
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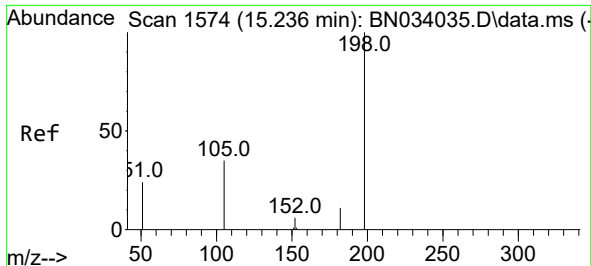
Tgt Ion:172 Resp: 12360
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 25.0 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Tgt Ion:188 Resp: 20970
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.4 11.0

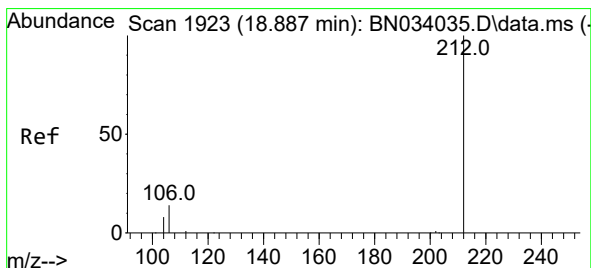
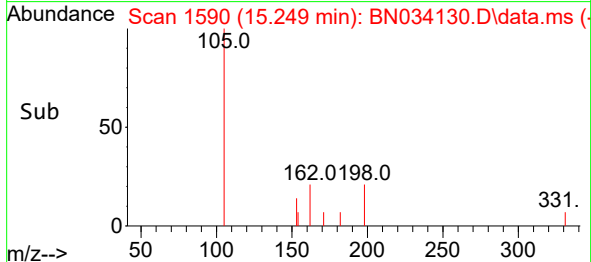
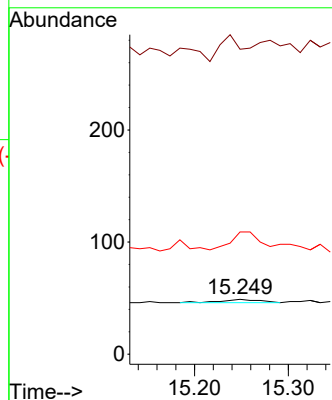
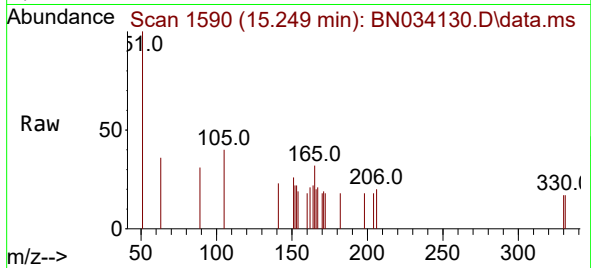




#20
4,6-Dinitro-2-methylphenol
Concen: 0.140 ng
RT: 15.249 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

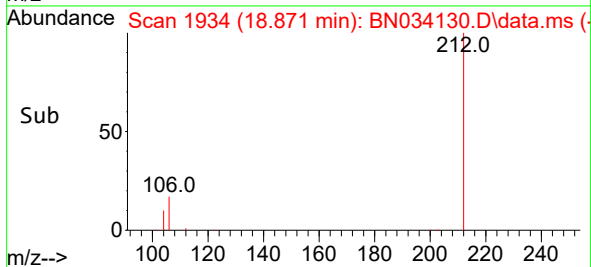
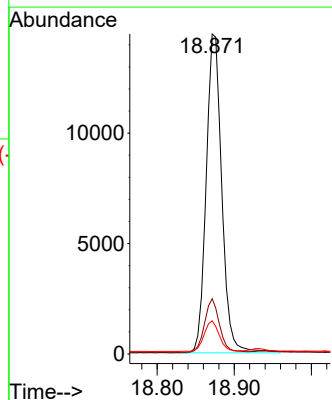
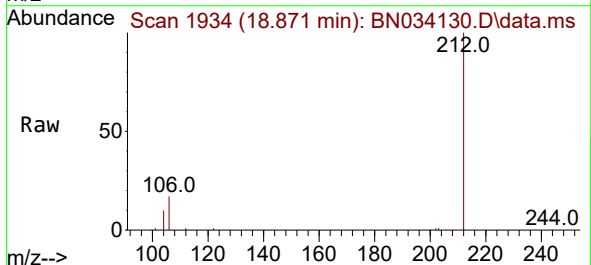
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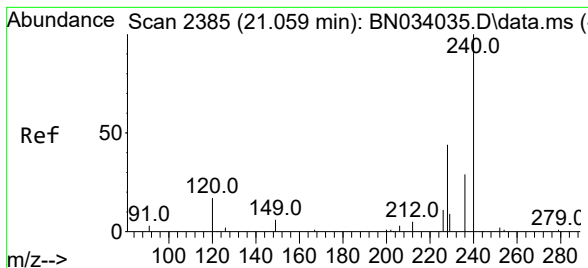
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 555.1 106.4 159.6#
105 222.4 38.5 57.7#



#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 18.871 min Scan# 1934
Delta R.T. -0.015 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Tgt Ion:212 Resp: 20351
Ion Ratio Lower Upper
212 100
106 15.9 13.4 20.2
104 9.3 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.053 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034130.D

Acq: 21 Sep 2024 18:27

Instrument :

BNA_N

ClientSampleId :

RE132D2-20240918

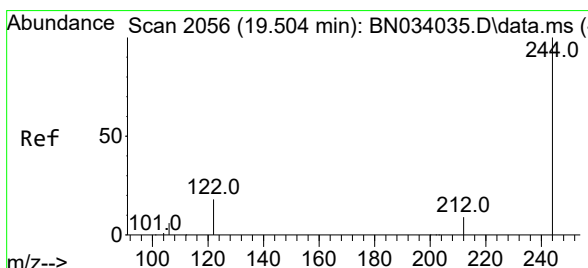
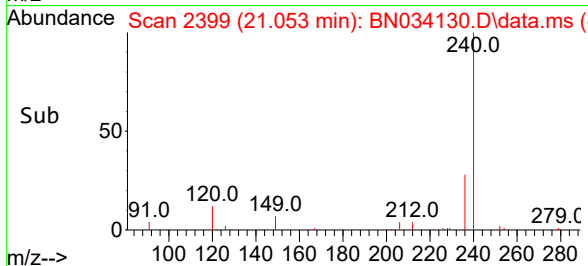
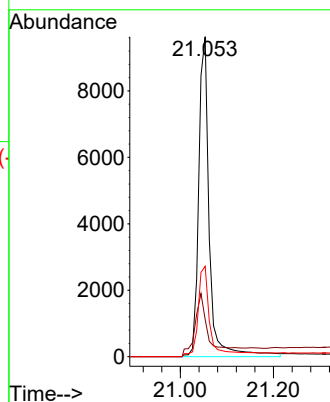
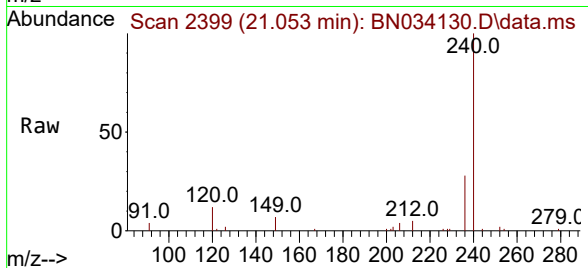
Tgt Ion:240 Resp: 14532

Ion Ratio Lower Upper

240 100

120 11.6 13.5 20.3#

236 28.3 23.4 35.0



#31

Terphenyl-d14

Concen: 0.459 ng

RT: 19.494 min Scan# 2068

Delta R.T. -0.011 min

Lab File: BN034130.D

Acq: 21 Sep 2024 18:27

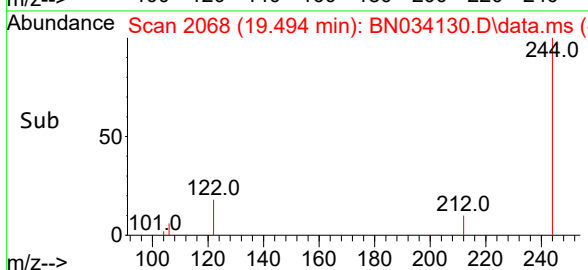
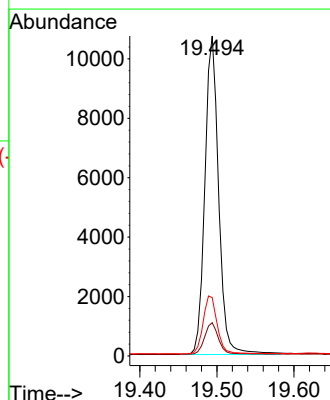
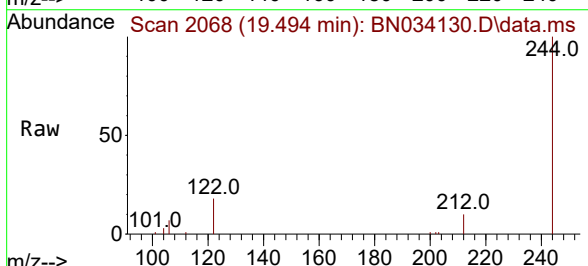
Tgt Ion:244 Resp: 13334

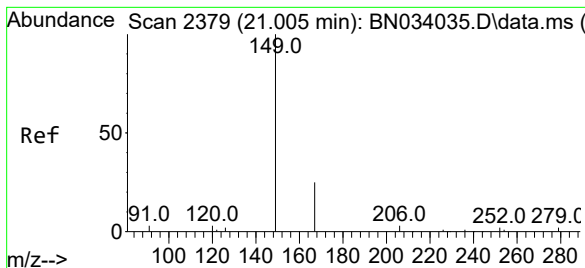
Ion Ratio Lower Upper

244 100

212 10.4 7.8 11.6

122 18.2 14.8 22.2

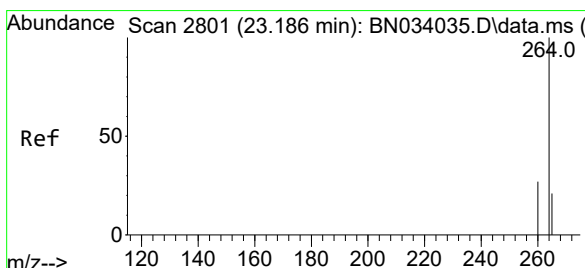
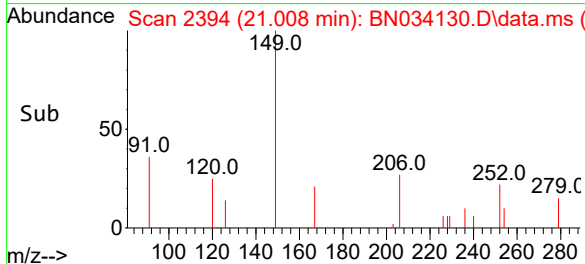
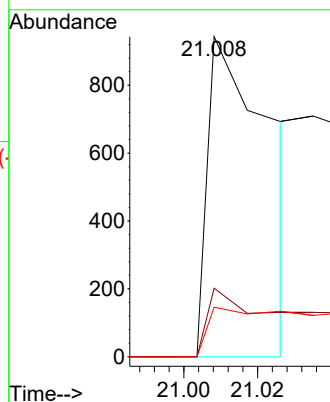
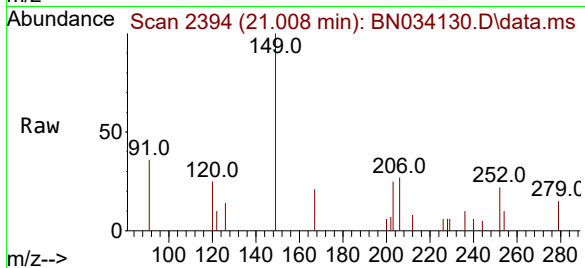




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.050 ng
RT: 21.008 min Scan# 2111
Delta R.T. 0.003 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Instrument :
BNA_N
ClientSampleId :
RE132D2-20240918

Tgt Ion:149 Resp: 964
Ion Ratio Lower Upper
149 100
167 19.5 19.9 29.9#
279 23.8 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.168 min Scan# 2811
Delta R.T. -0.017 min
Lab File: BN034130.D
Acq: 21 Sep 2024 18:27

Tgt Ion:264 Resp: 11181
Ion Ratio Lower Upper
264 100
260 27.3 21.7 32.5
265 68.0 52.1 78.1

