

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034107.D
 Acq On : 21 Sep 2024 03:52
 Operator : JU/RC
 Sample : P4003-16
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20240913

Quant Time: Sep 21 04:23:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

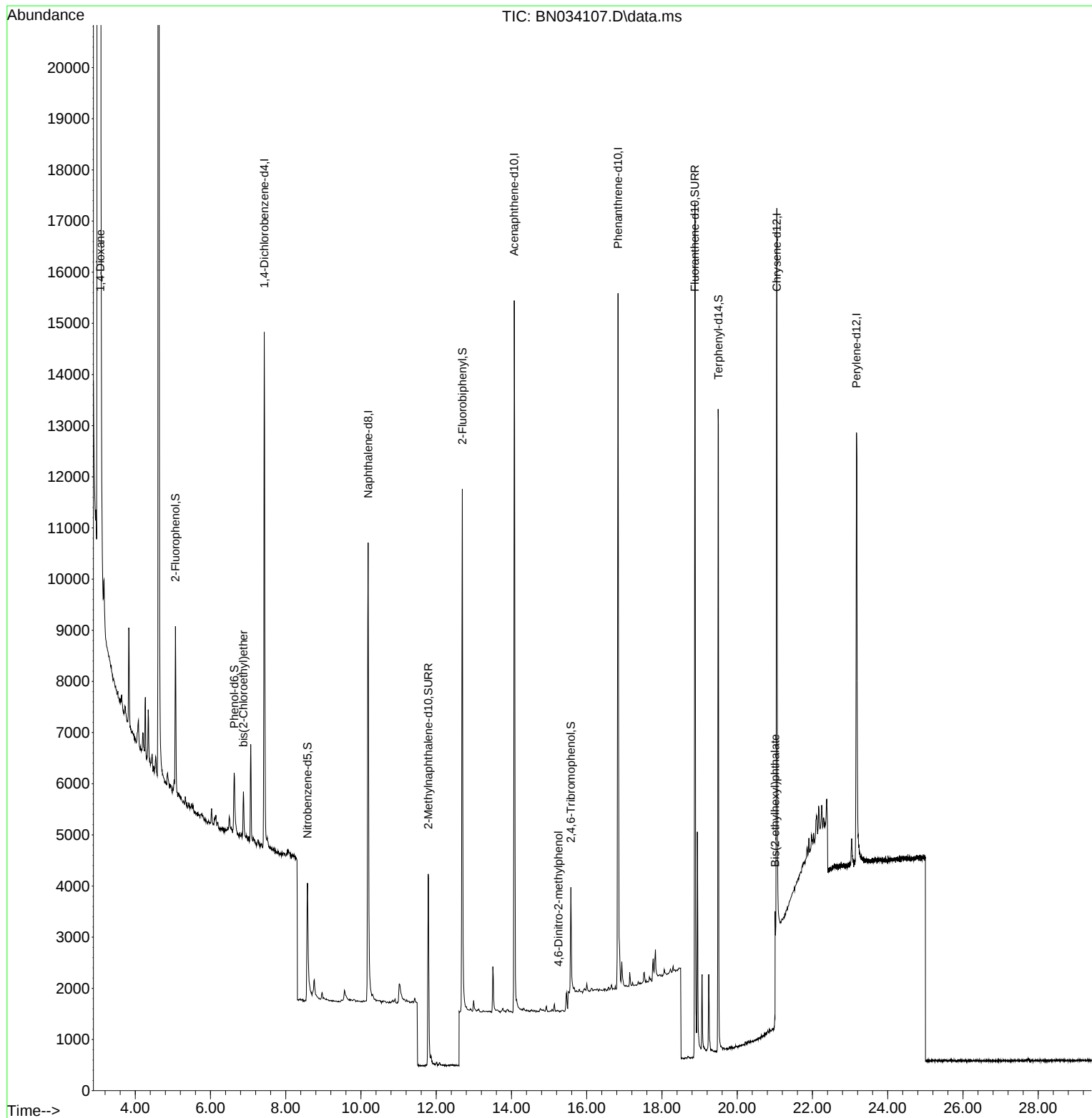
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	4883	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	13576	0.400	ng	0.00
13) Acenaphthene-d10	14.073	164	8353	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18003	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	13959	0.400	ng	# 0.00
35) Perylene-d12	23.171	264	11697	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	2417	0.174	ng	0.00
5) Phenol-d6	6.629	99	1414	0.088	ng	0.00
8) Nitrobenzene-d5	8.579	82	2741	0.264	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	5927	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	994	0.263	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	9439	0.278	ng	0.00
27) Fluoranthene-d10	18.876	212	18329	0.404	ng	-0.01
31) Terphenyl-d14	19.498	244	12125	0.435	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.068	88	12591	2.063	ng	# 86
6) bis(2-Chloroethyl)ether	6.874	93	673	0.047	ng	99
20) 4,6-Dinitro-2-methylph...	15.248	198	3	0.139	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	991	0.054	ng	# 85

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034107.D
Acq On : 21 Sep 2024 03:52
Operator : JU/RC
Sample : P4003-16
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE108D2-20240913

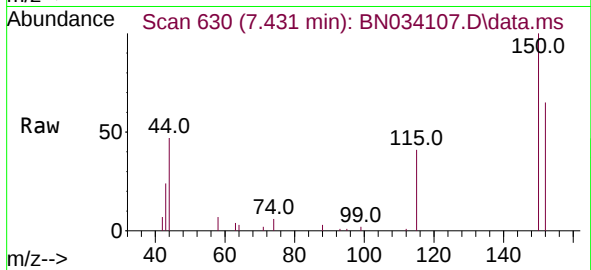
Quant Time: Sep 21 04:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration





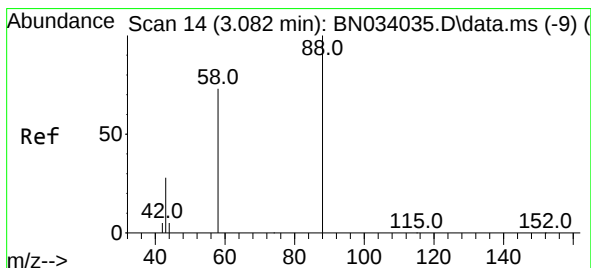
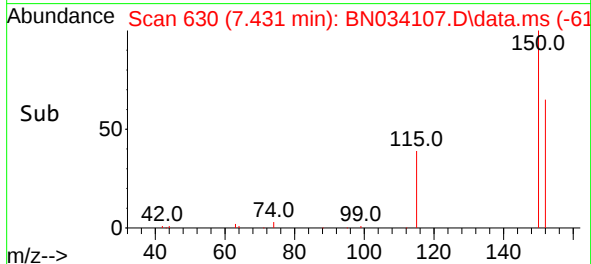
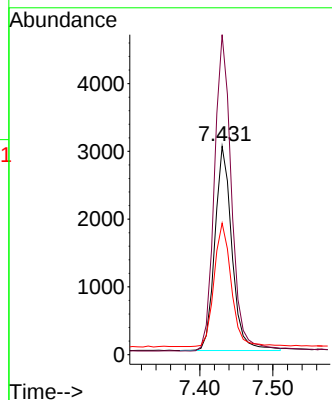
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.431 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BN034107.D
 Acq: 21 Sep 2024 03:52

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20240913



Tgt Ion:152 Resp: 4883

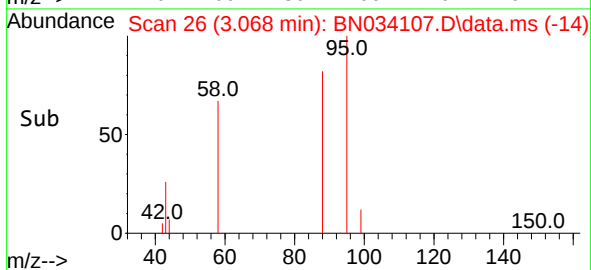
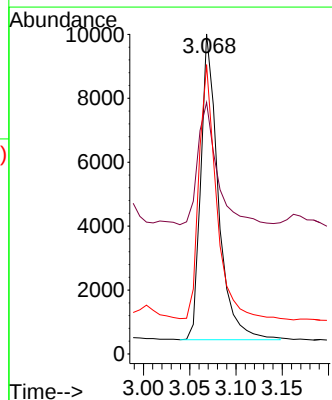
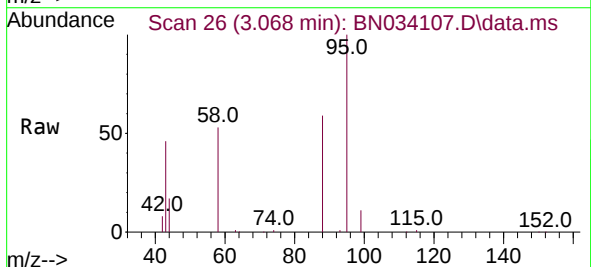
Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	187.0
115	63.1	50.0	75.0



#2
 1,4-Dioxane
 Concen: 2.063 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034107.D
 Acq: 21 Sep 2024 03:52

Tgt Ion: 88 Resp: 12591

Ion	Ratio	Lower	Upper
88	100		
43	44.1	25.8	38.8
58	82.4	58.8	88.2

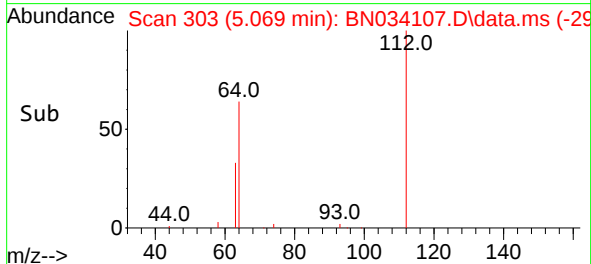
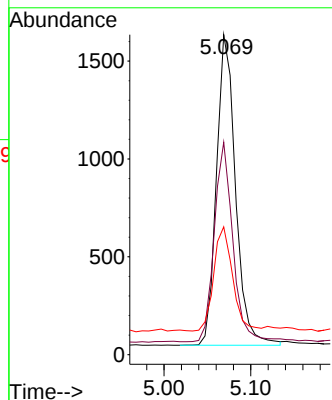
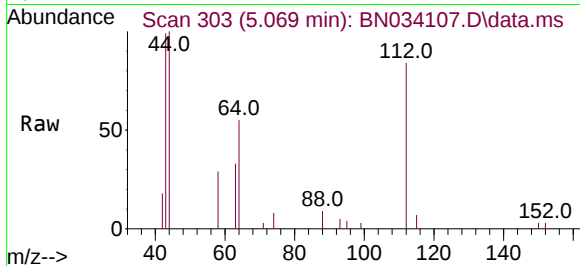




#4
2-Fluorophenol
Concen: 0.174 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

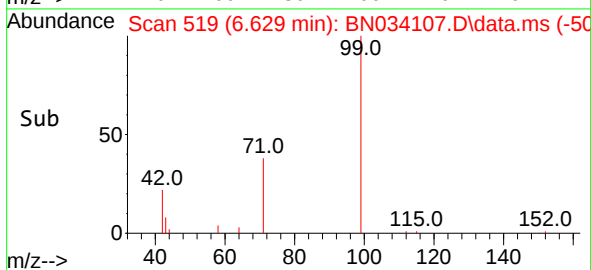
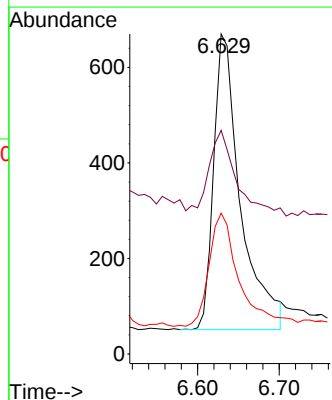
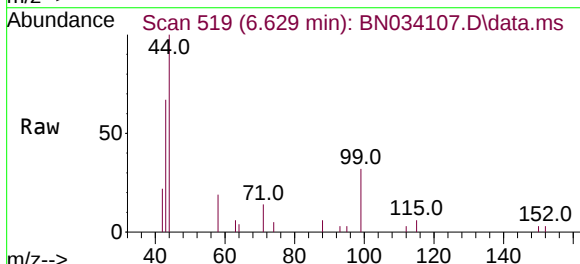
Instrument :
BNA_N
ClientSampleId :
RE108D2-20240913

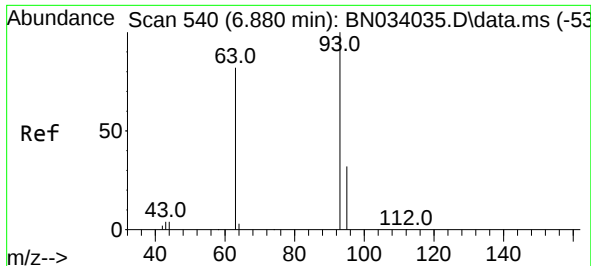
Tgt Ion:112 Resp: 2417
Ion Ratio Lower Upper
112 100
64 62.9 48.6 72.8
63 33.3 25.6 38.4



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Tgt Ion: 99 Resp: 1414
Ion Ratio Lower Upper
99 100
42 24.8 17.8 26.8
71 41.7 26.2 39.2#

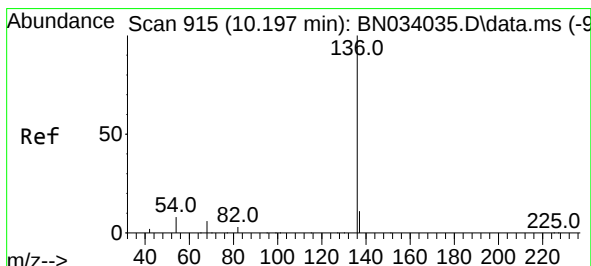
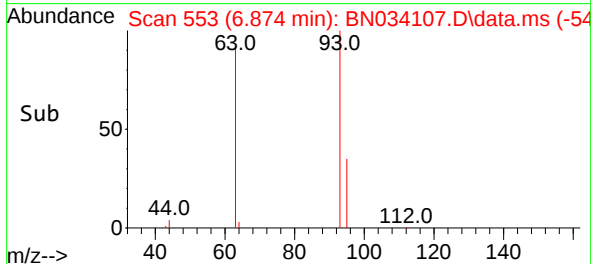
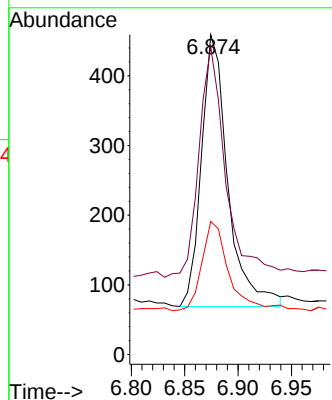
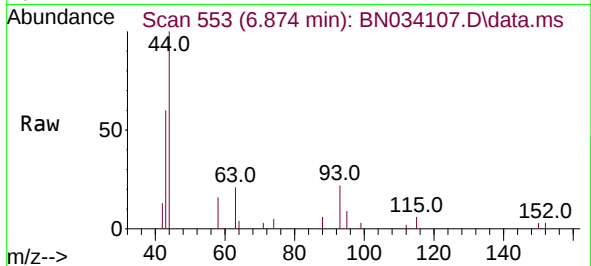




#6
bis(2-Chloroethyl)ether
Concen: 0.047 ng
RT: 6.874 min Scan# 511
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

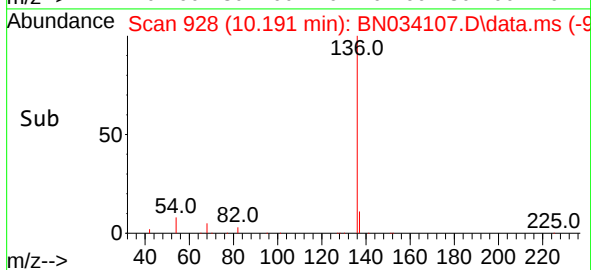
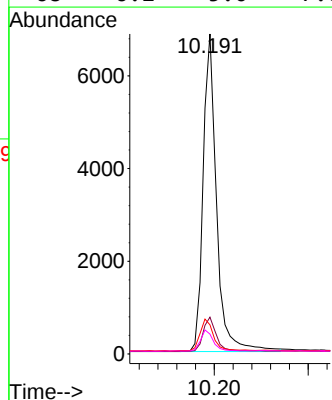
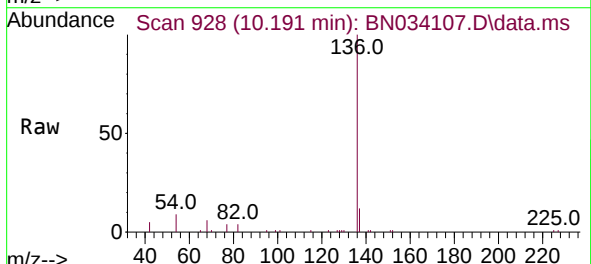
Instrument :
BNA_N
ClientSampleId :
RE108D2-20240913

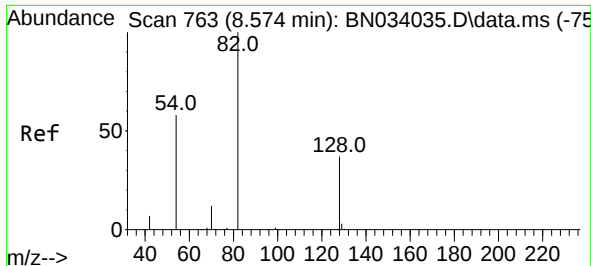
Tgt Ion: 93	Resp: 673
Ion Ratio	Lower Upper
93 100	
63 85.1	67.3 100.9
95 33.4	26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 928
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Tgt	Ion:136	Resp:	13576
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.1	6.8	10.2
68	6.2	5.0	7.6

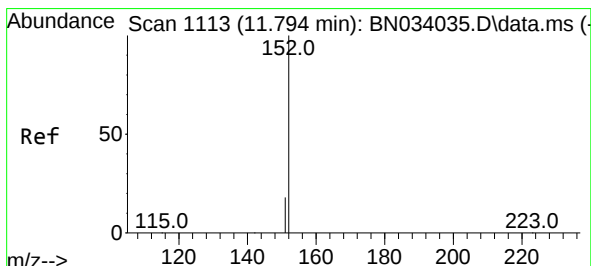
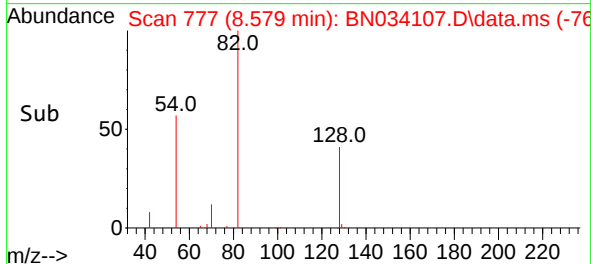
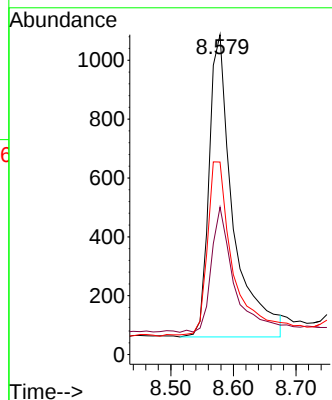
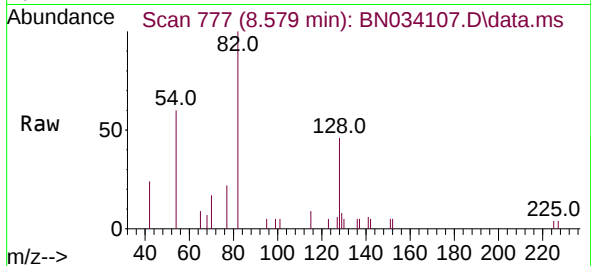




#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 8.579 min Scan# 71
Delta R.T. 0.005 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

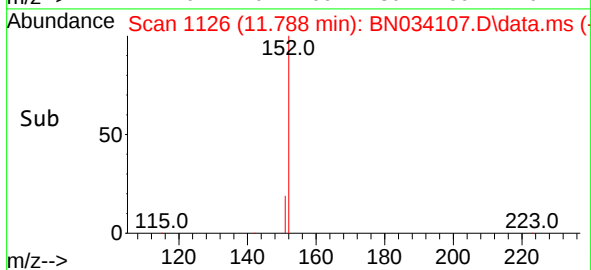
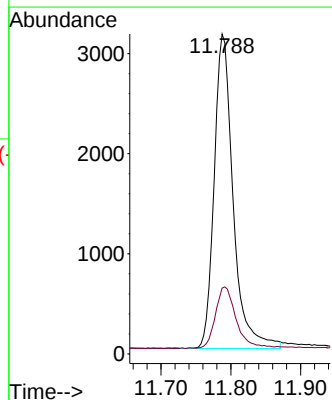
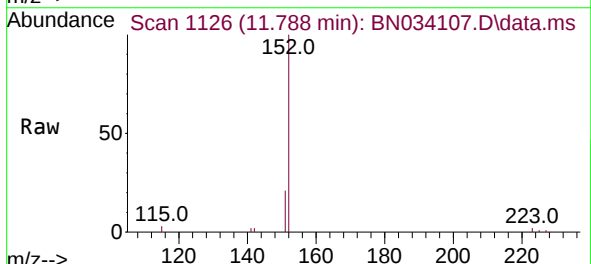
Instrument :
BNA_N
ClientSampleId :
RE108D2-20240913

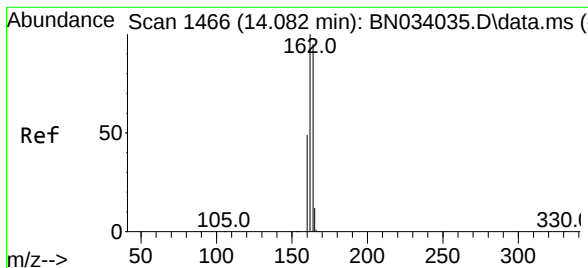
Tgt Ion: 82 Resp: 2741
Ion Ratio Lower Upper
82 100
128 46.1 31.4 47.2
54 60.2 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 11.788 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Tgt Ion:152 Resp: 5927
Ion Ratio Lower Upper
152 100
151 21.2 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: BN034107.D

Acq: 21 Sep 2024 03:52

Instrument :

BNA_N

ClientSampleId :

RE108D2-20240913

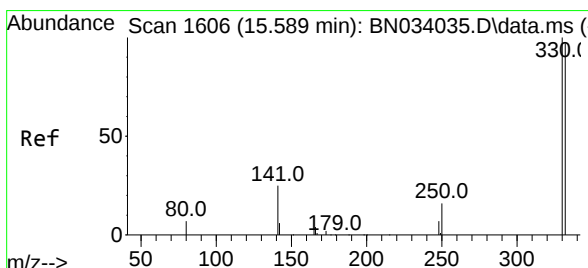
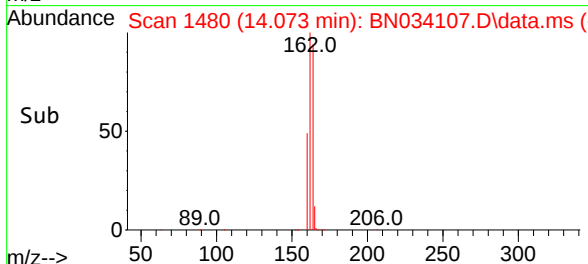
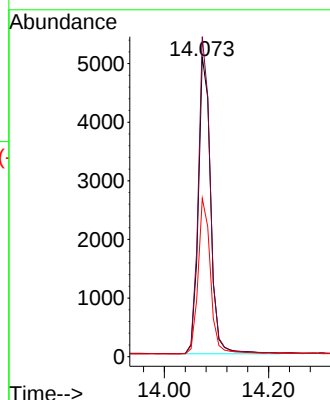
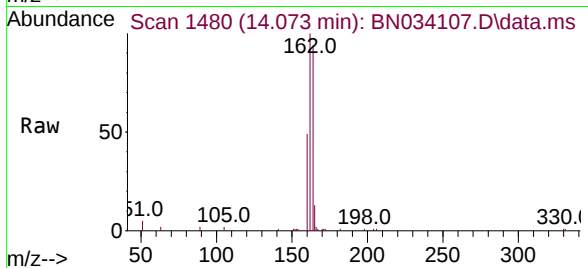
Tgt Ion:164 Resp: 8353

Ion Ratio Lower Upper

164 100

162 106.7 84.2 126.2

160 52.8 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: BN034107.D

Acq: 21 Sep 2024 03:52

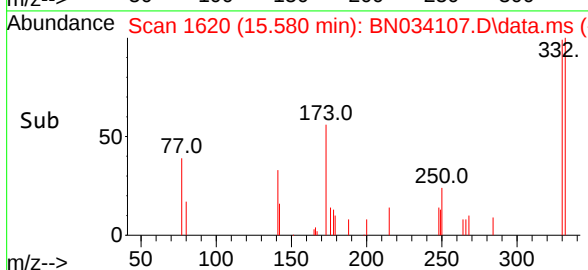
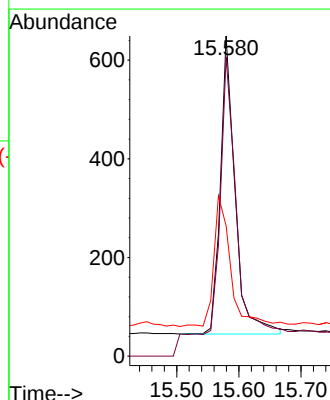
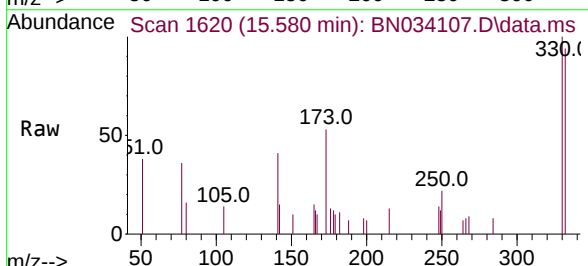
Tgt Ion:330 Resp: 994

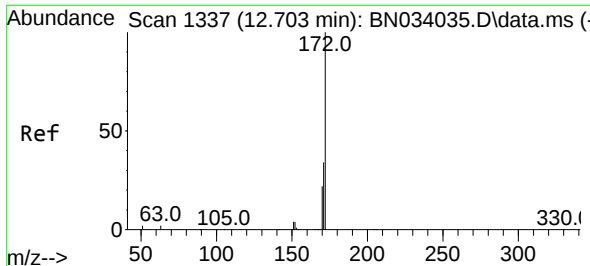
Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 50.7 35.9 53.9

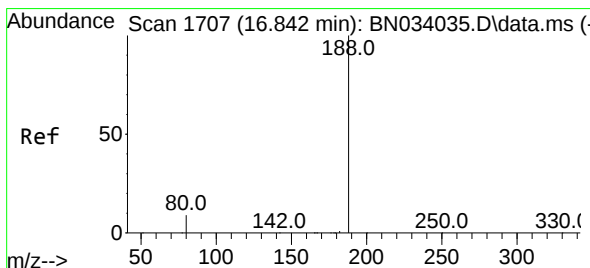
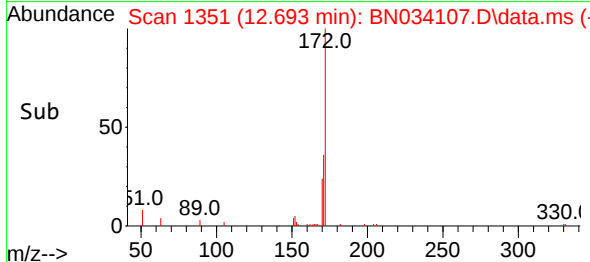
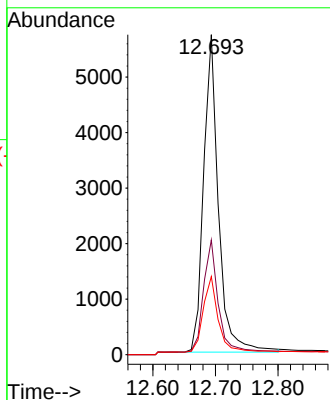
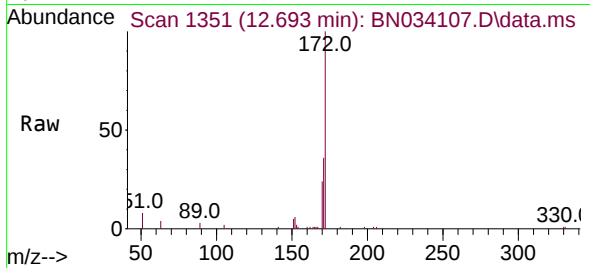




#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 12.693 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

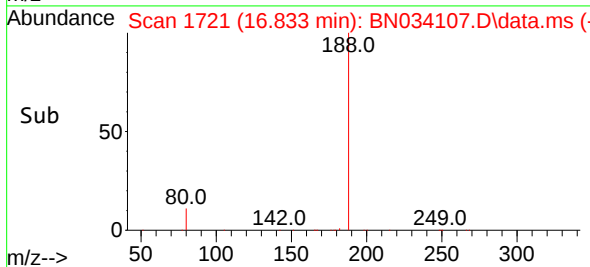
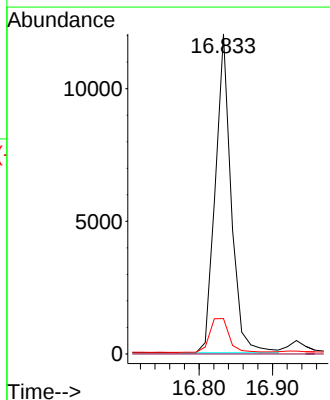
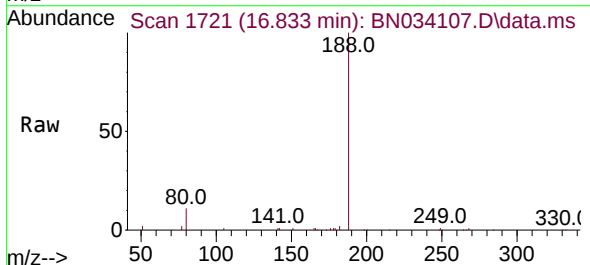
Instrument :
BNA_N
ClientSampleId :
RE108D2-20240913

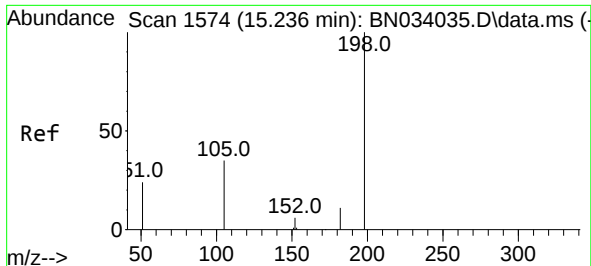
Tgt Ion:172 Resp: 9439
Ion Ratio Lower Upper
172 100
171 35.8 27.3 40.9
170 24.4 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Tgt Ion:188 Resp: 18003
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 7.4 11.0#

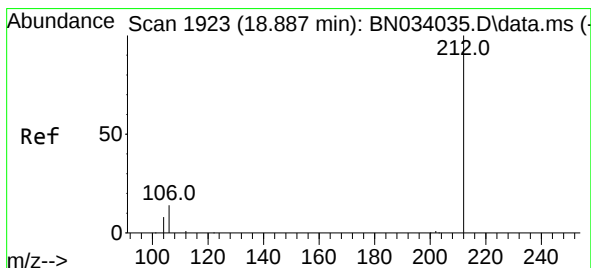
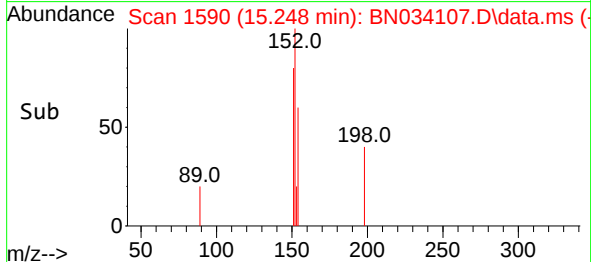
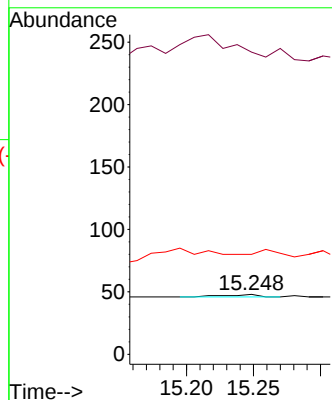
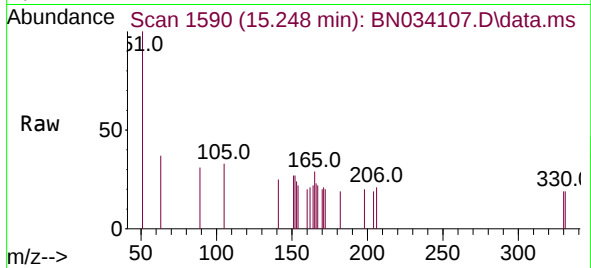




#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.248 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

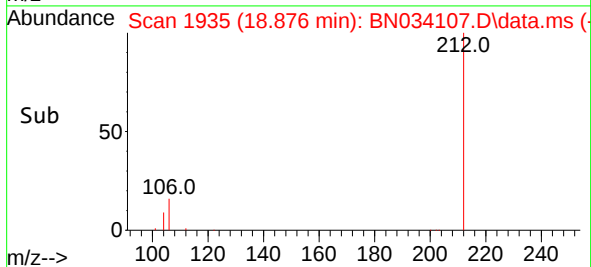
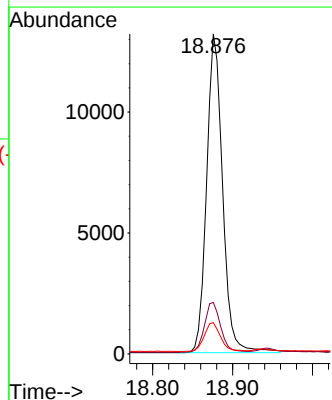
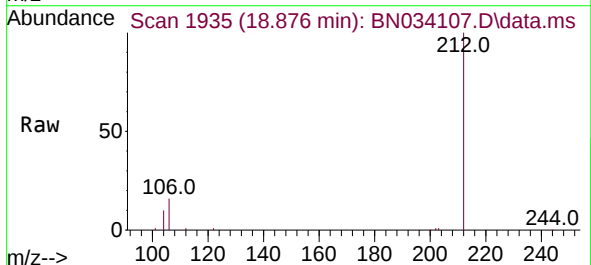
Instrument :
BNA_N
ClientSampleId :
RE108D2-20240913

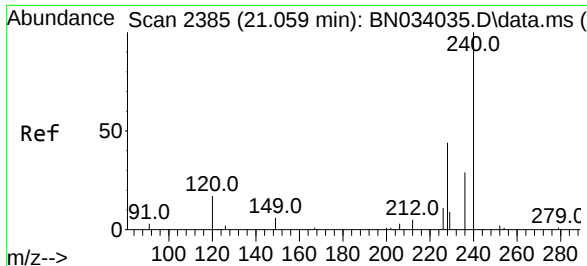
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 504.2 106.4 159.6#
105 166.7 38.5 57.7#



#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Tgt Ion:212 Resp: 18329
Ion Ratio Lower Upper
212 100
106 15.9 13.4 20.2
104 9.1 7.8 11.6

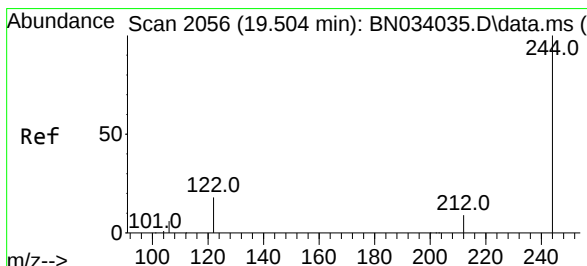
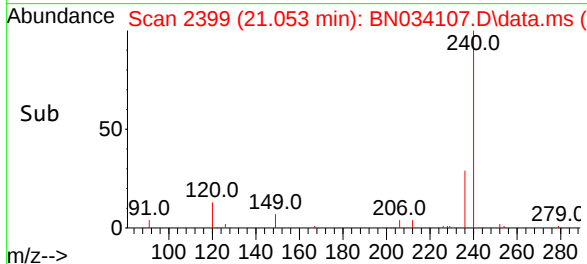
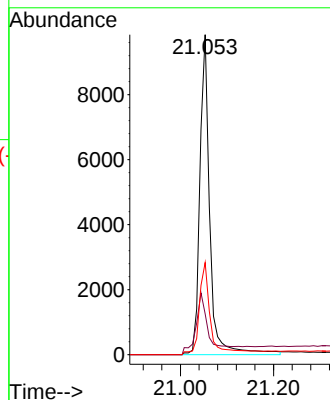
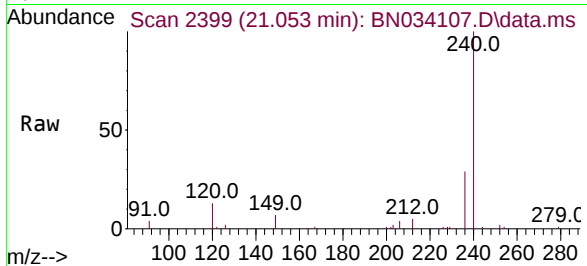




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

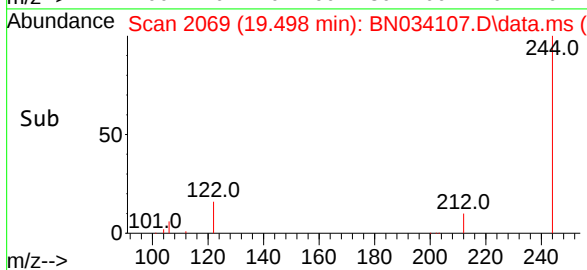
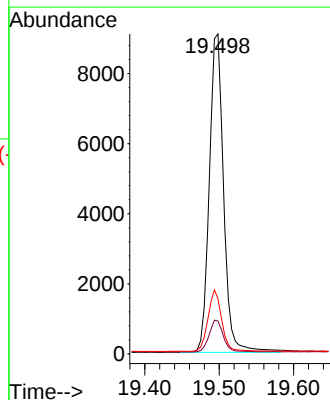
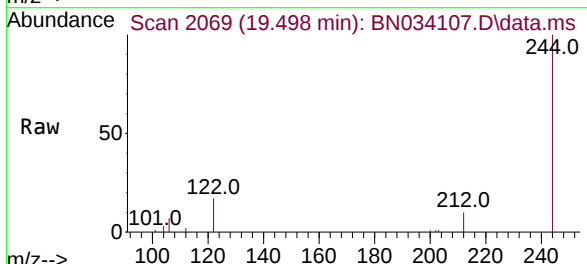
Instrument :
BNA_N
ClientSampleId :
RE108D2-20240913

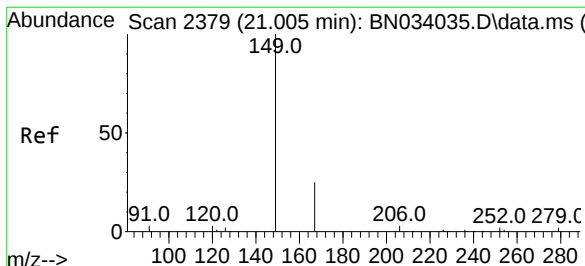
Tgt Ion:240 Resp: 13959
Ion Ratio Lower Upper
240 100
120 12.8 13.5 20.3#
236 28.8 23.4 35.0



#31
Terphenyl-d14
Concen: 0.435 ng
RT: 19.498 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Tgt Ion:244 Resp: 12125
Ion Ratio Lower Upper
244 100
212 10.3 7.8 11.6
122 17.2 14.8 22.2

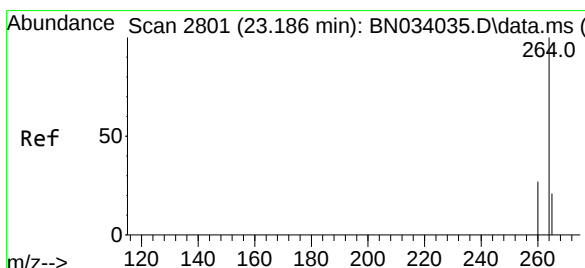
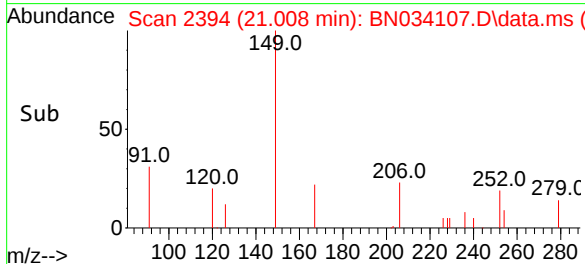
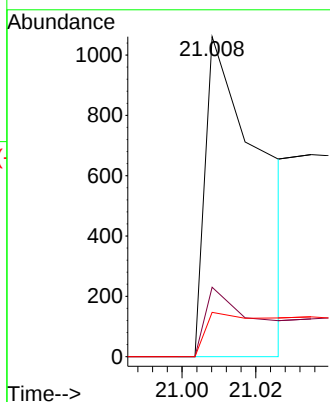
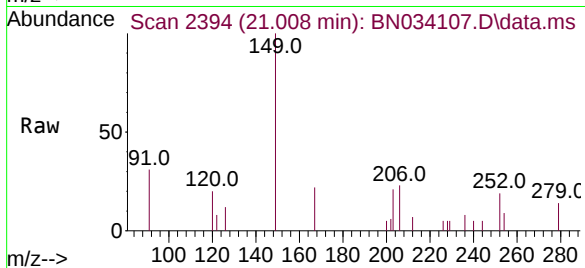




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.008 min Scan# 2111
 Delta R.T. 0.003 min
 Lab File: BN034107.D
 Acq: 21 Sep 2024 03:52

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20240913

Tgt Ion:149 Resp: 991
 Ion Ratio Lower Upper
 149 100
 167 19.7 19.9 29.9#
 279 16.5 4.6 6.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.171 min Scan# 2812
 Delta R.T. -0.015 min
 Lab File: BN034107.D
 Acq: 21 Sep 2024 03:52

Tgt Ion:264 Resp: 11697
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.7 32.5
 265 66.5 52.1 78.1

