

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034087.D
 Acq On : 20 Sep 2024 15:05
 Operator : JU/RC
 Sample : P3957-17
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20240911

Quant Time: Sep 20 16:54:51 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)

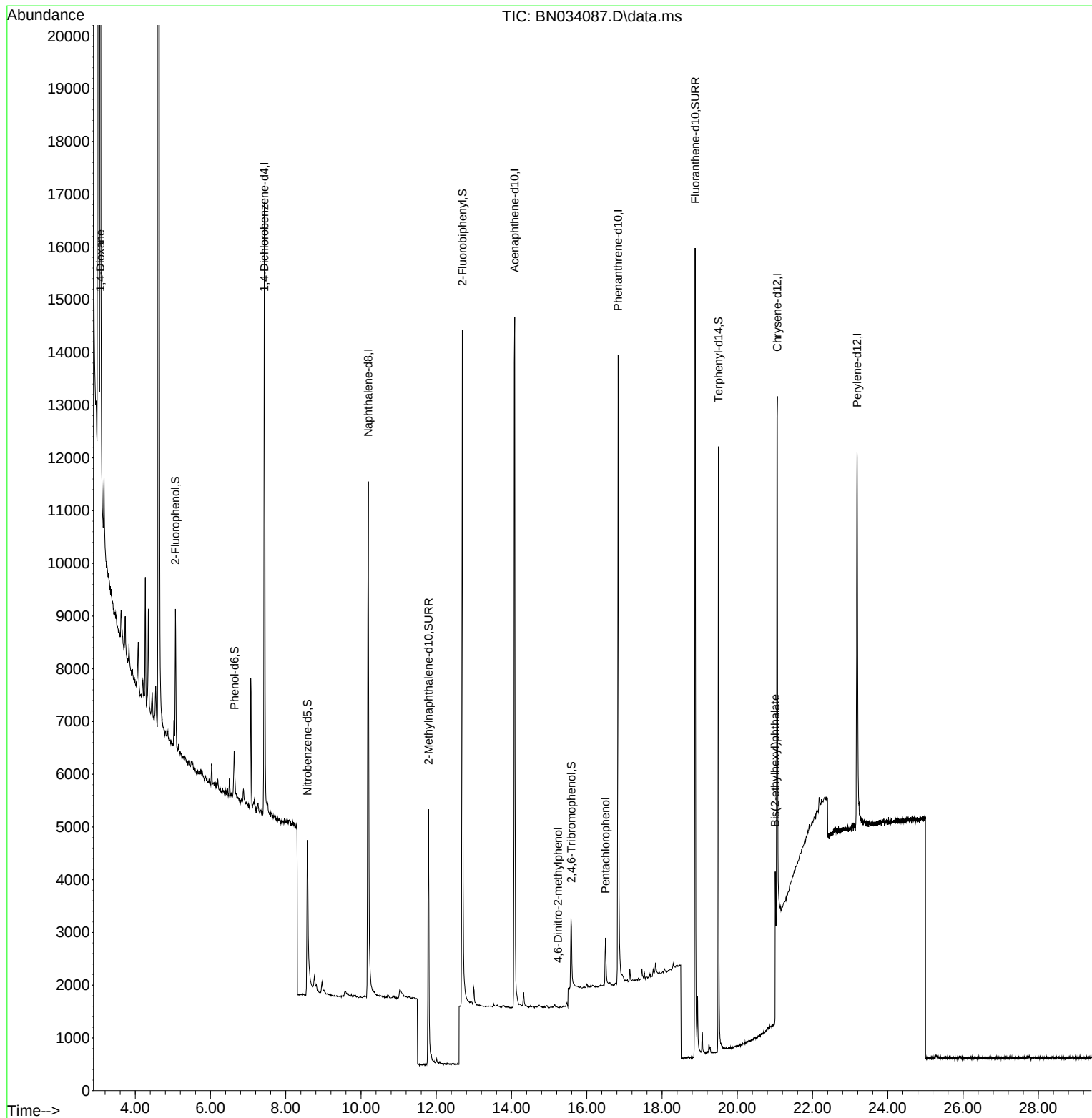
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5598	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	14907	0.400	ng	0.00
13) Acenaphthene-d10	14.083	164	8575	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	17660	0.400	ng	# 0.00
29) Chrysene-d12	21.062	240	11408	0.400	ng	0.00
35) Perylene-d12	23.183	264	9752	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1939	0.122	ng	0.00
5) Phenol-d6	6.636	99	1032	0.056	ng	0.00
8) Nitrobenzene-d5	8.578	82	3545	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	7810	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	970	0.250	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	12503	0.358	ng	0.00
27) Fluoranthene-d10	18.880	212	17471	0.392	ng	0.00
31) Terphenyl-d14	19.498	244	10980	0.482	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	23395	3.343	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.238	198	2	0.138	ng	# 1
24) Pentachlorophenol	16.498	266	565	0.154	ng	98
34) Bis(2-ethylhexyl)phtha...	21.008	149	2024	0.135	ng	# 82

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

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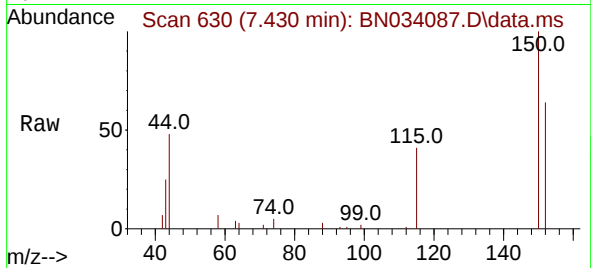
Quant Time: Sep 20 16:54:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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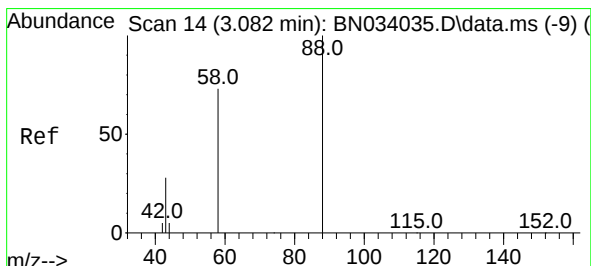
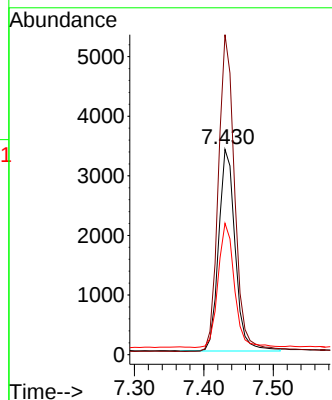
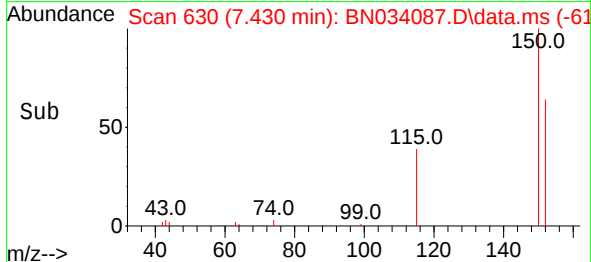


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034087.D
Acq: 20 Sep 2024 15:05

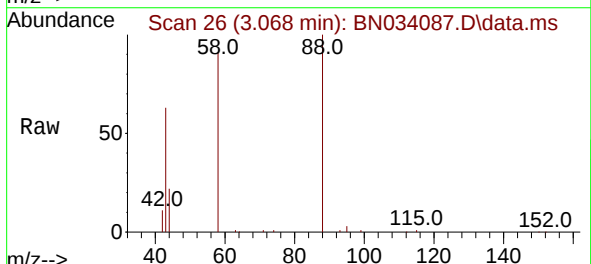
Instrument :
BNA_N
ClientSampleId :
RE104D1-20240911



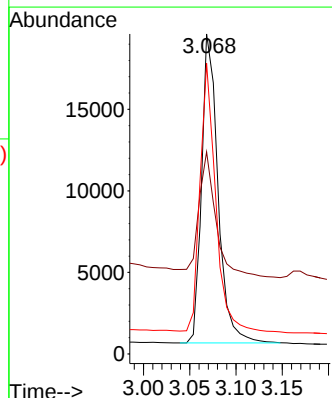
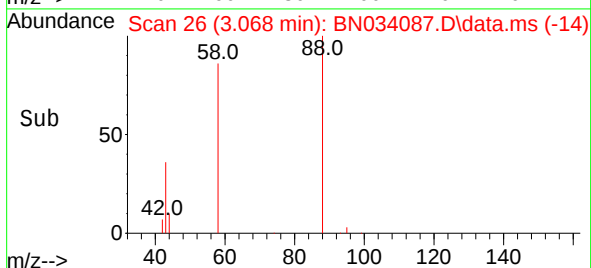
Tgt Ion:152 Resp: 5598
Ion Ratio Lower Upper
152 100
150 155.8 124.6 187.0
115 63.9 50.0 75.0



#2
1,4-Dioxane
Concen: 3.343 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034087.D
Acq: 20 Sep 2024 15:05



Tgt Ion: 88 Resp: 23395
Ion Ratio Lower Upper
88 100
43 44.3 25.8 38.8#
58 83.0 58.8 88.2

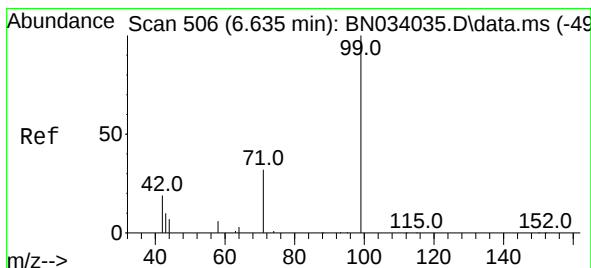
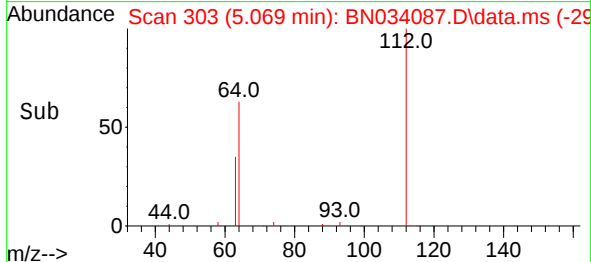
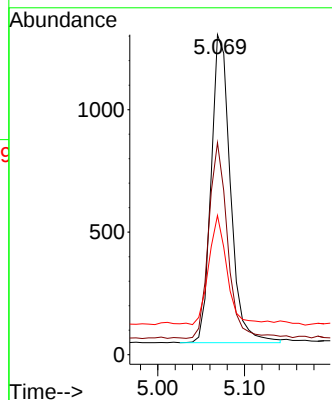
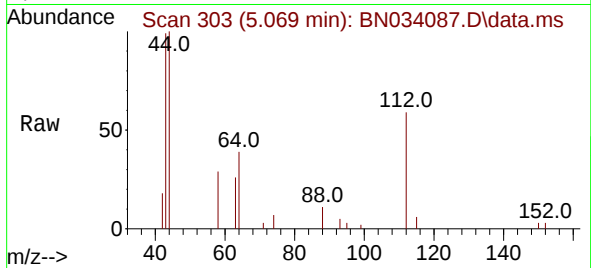




#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034087.D
Acq: 20 Sep 2024 15:05

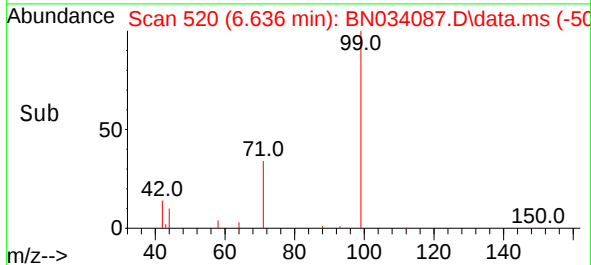
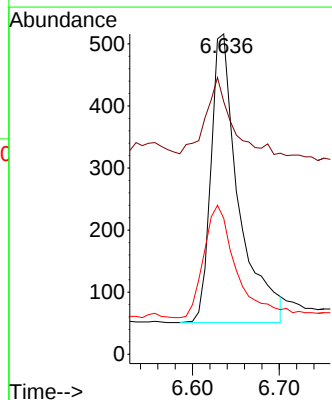
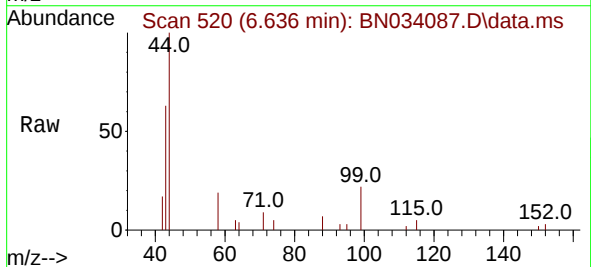
Instrument :
BNA_N
ClientSampleId :
RE104D1-20240911

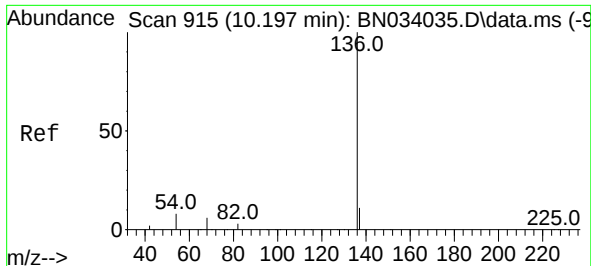
Tgt Ion:112 Resp: 1939
Ion Ratio Lower Upper
112 100
64 62.0 48.6 72.8
63 32.6 25.6 38.4



#5
Phenol-d6
Concen: 0.056 ng
RT: 6.636 min Scan# 520
Delta R.T. 0.001 min
Lab File: BN034087.D
Acq: 20 Sep 2024 15:05

Tgt Ion: 99 Resp: 1032
Ion Ratio Lower Upper
99 100
42 24.2 17.8 26.8
71 44.9 26.2 39.2#

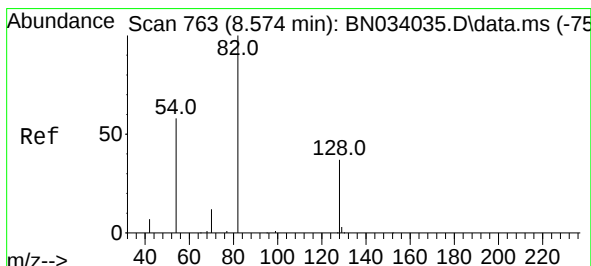
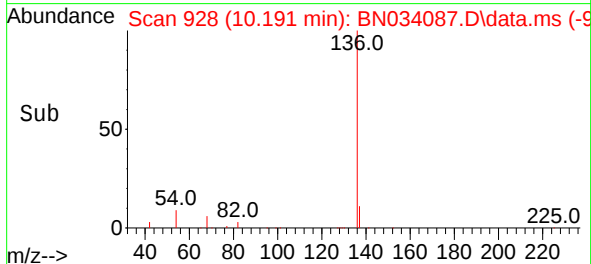
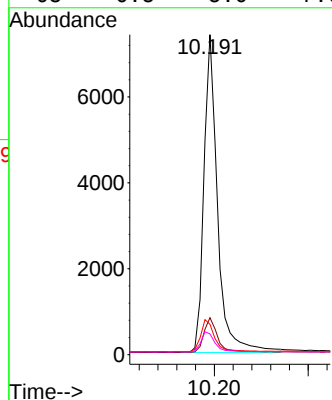
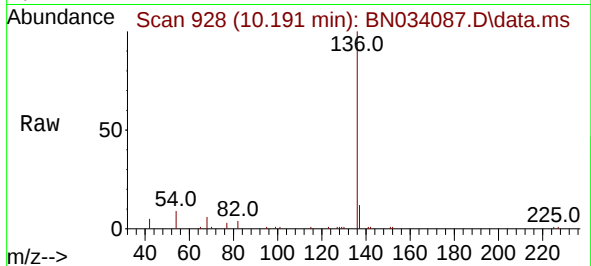




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034087.D
Acq: 20 Sep 2024 15:05

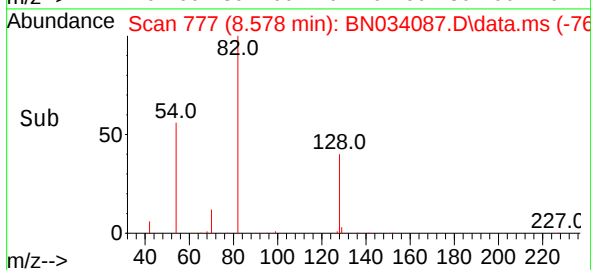
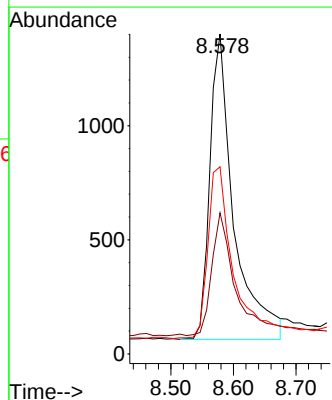
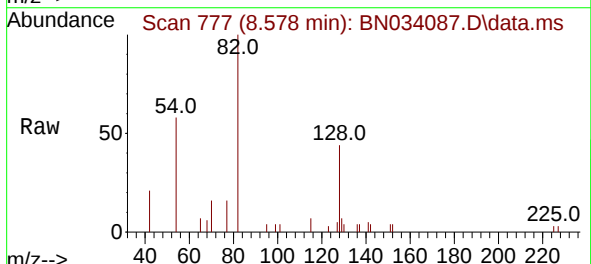
Instrument :
BNA_N
ClientSampleId :
RE104D1-20240911

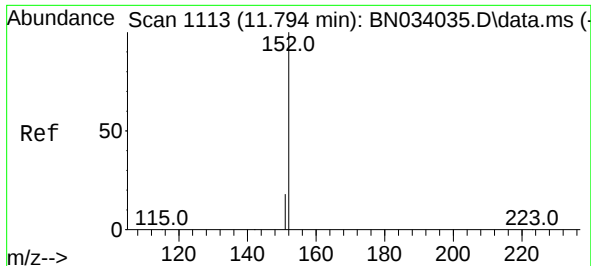
Tgt Ion:136	Resp:	14907
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.6
54	9.5	6.8 10.2
68	6.5	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.578 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034087.D
Acq: 20 Sep 2024 15:05

Tgt Ion: 82	Resp:	3545
Ion Ratio	Lower	Upper
82	100	
128	44.1	31.4 47.2
54	58.5	47.4 71.0





#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 11.791 min Scan# 1113

Delta R.T. -0.002 min

Lab File: BN034087.D

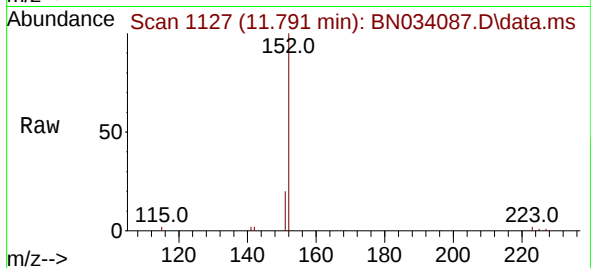
Acq: 20 Sep 2024 15:05

Instrument :

BNA_N

ClientSampleId :

RE104D1-20240911

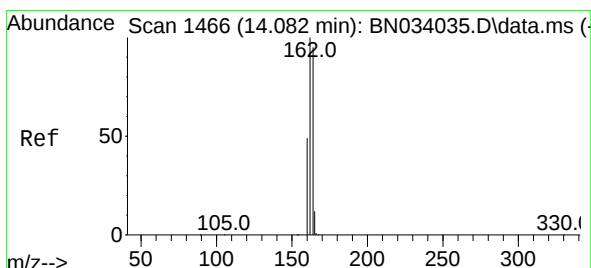
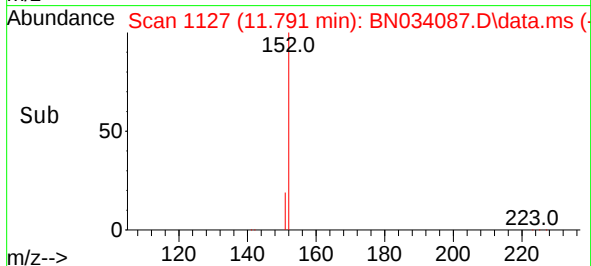
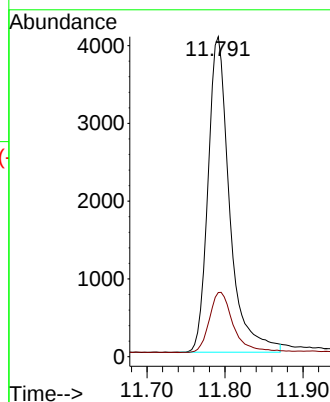


Tgt Ion:152 Resp: 7810

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.083 min Scan# 1481

Delta R.T. 0.001 min

Lab File: BN034087.D

Acq: 20 Sep 2024 15:05

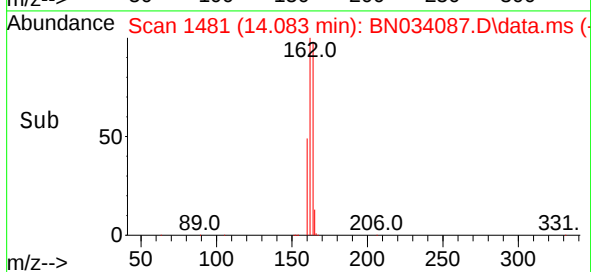
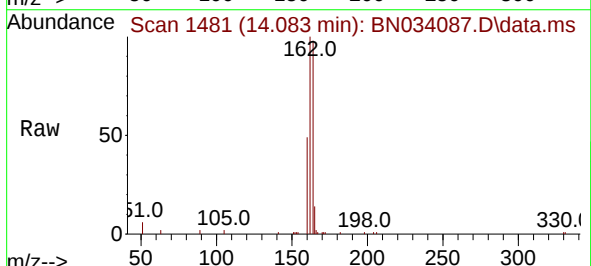
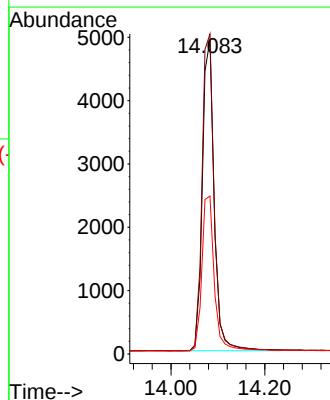
Tgt Ion:164 Resp: 8575

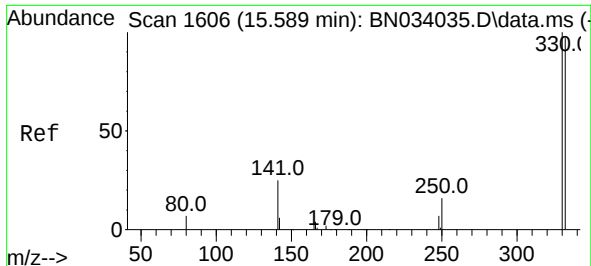
Ion Ratio Lower Upper

164 100

162 101.9 84.2 126.2

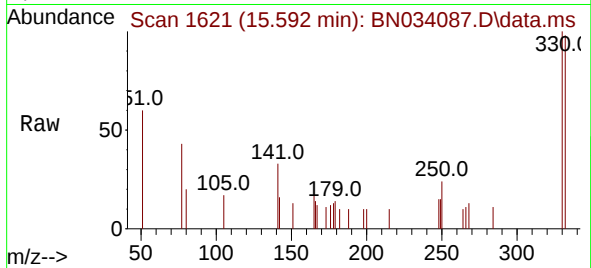
160 50.3 41.7 62.5



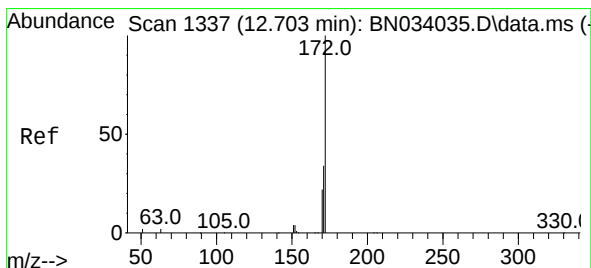
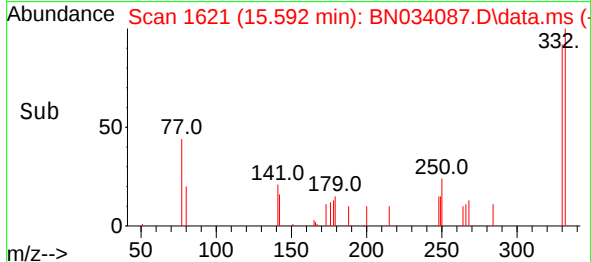
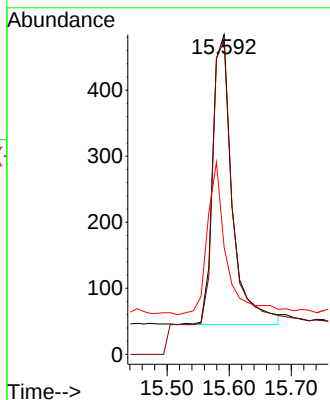


#14
2,4,6-Tribromophenol
Concen: 0.250 ng
RT: 15.592 min Scan# 11
Delta R.T. 0.003 min
Lab File: BN034087.D
Acq: 20 Sep 2024 15:05

Instrument :
BNA_N
ClientSampleId :
RE104D1-20240911

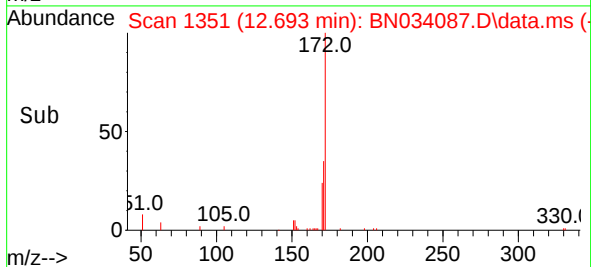
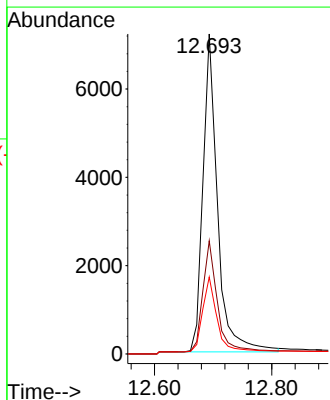
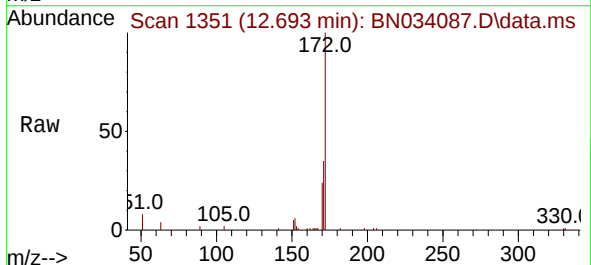


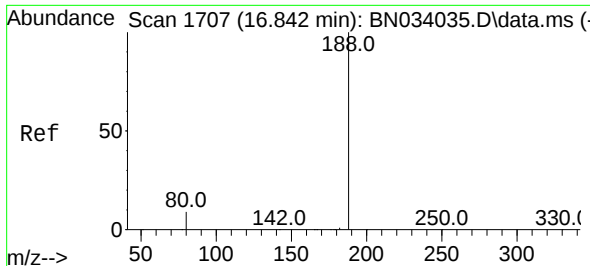
Tgt Ion:330 Resp: 970
Ion Ratio Lower Upper
330 100
332 98.2 77.4 116.0
141 51.0 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034087.D
Acq: 20 Sep 2024 15:05

Tgt Ion:172 Resp: 12503
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 24.0 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 1

Delta R.T. -0.009 min

Lab File: BN034087.D

Acq: 20 Sep 2024 15:05

Instrument :

BNA_N

ClientSampleId :

RE104D1-20240911

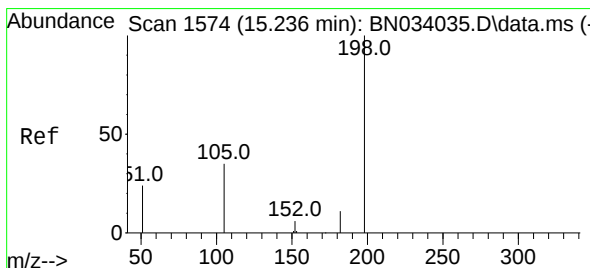
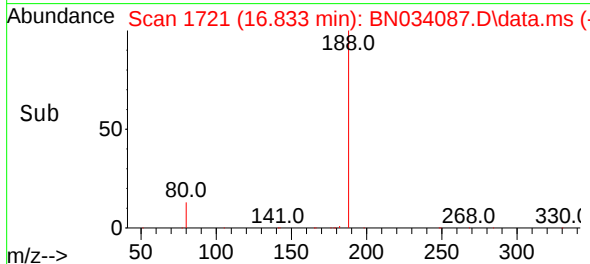
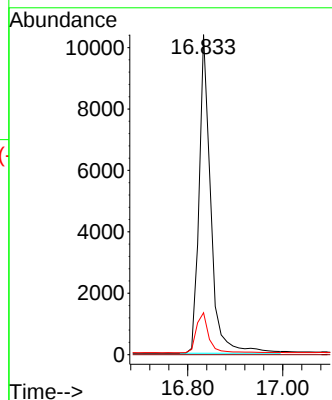
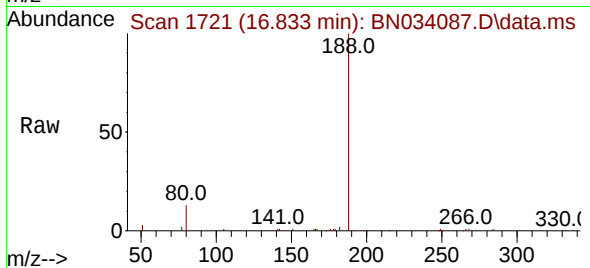
Tgt Ion:188 Resp: 17660

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 15.238 min Scan# 1589

Delta R.T. 0.002 min

Lab File: BN034087.D

Acq: 20 Sep 2024 15:05

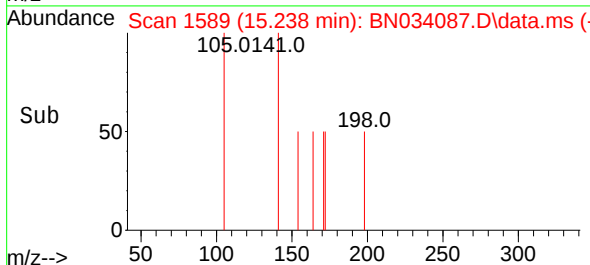
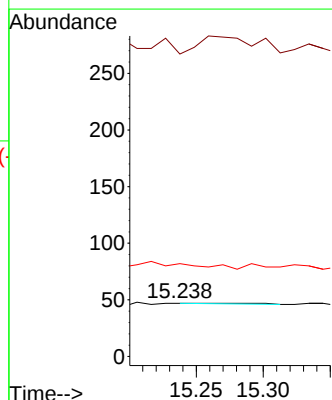
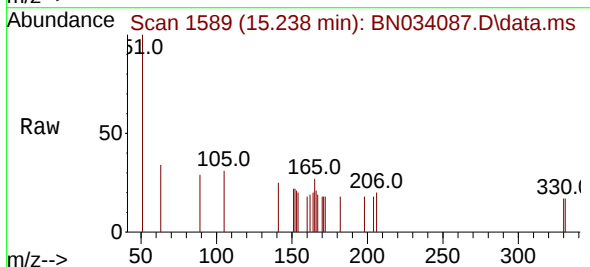
Tgt Ion:198 Resp: 2

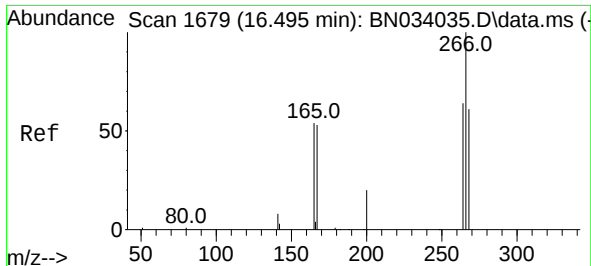
Ion Ratio Lower Upper

198 100

51 568.1 106.4 159.6#

105 174.5 38.5 57.7#

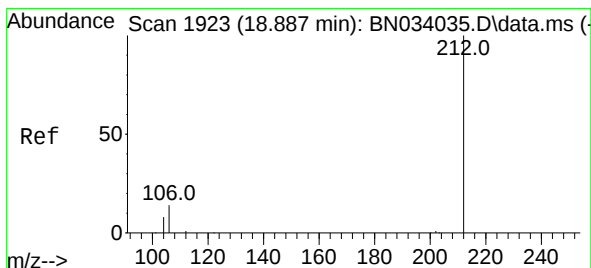
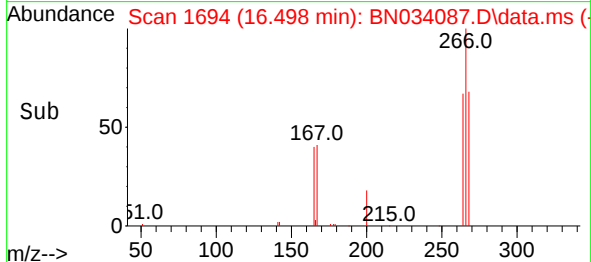
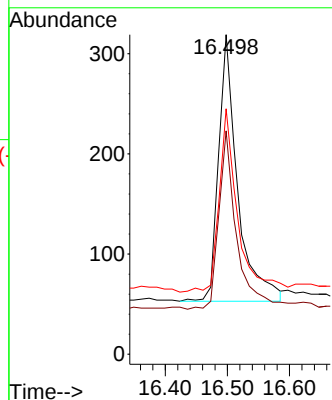
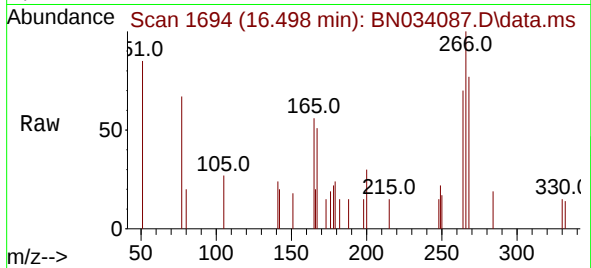




#24
 Pentachlorophenol
 Concen: 0.154 ng
 RT: 16.498 min Scan# 1694
 Delta R.T. 0.003 min
 Lab File: BN034087.D
 Acq: 20 Sep 2024 15:05

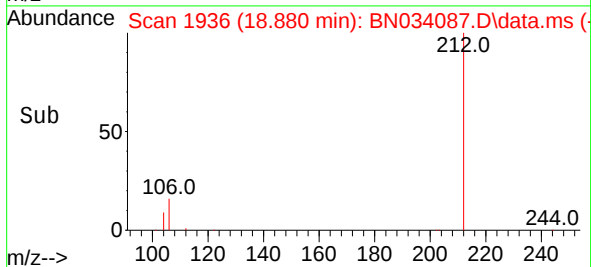
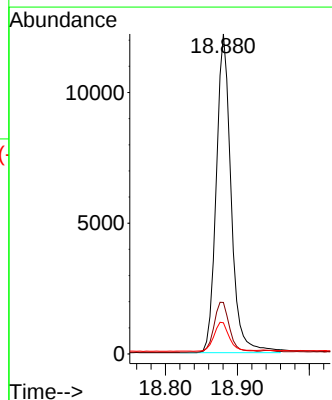
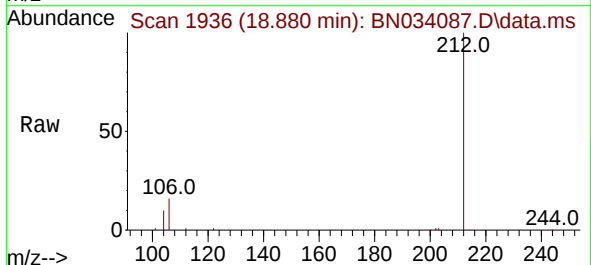
Instrument :
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 RE104D1-20240911

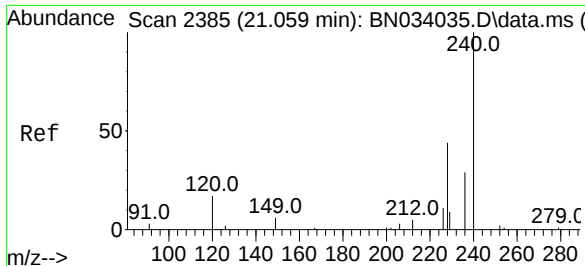
Tgt Ion:	266	Resp:	565
Ion Ratio	Lower	Upper	
266	100		
264	61.8	50.2	75.2
268	66.4	51.0	76.4



#27
 Fluoranthene-d10
 Concen: 0.392 ng
 RT: 18.880 min Scan# 1936
 Delta R.T. -0.006 min
 Lab File: BN034087.D
 Acq: 20 Sep 2024 15:05

Tgt Ion:	212	Resp:	17471
Ion Ratio	Lower	Upper	
212	100		
106	16.3	13.4	20.2
104	9.4	7.8	11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.062 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN034087.D

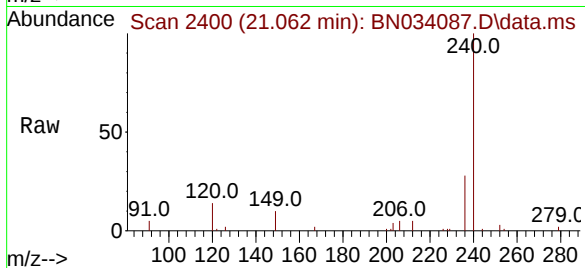
Acq: 20 Sep 2024 15:05

Instrument :

BNA_N

ClientSampleId :

RE104D1-20240911



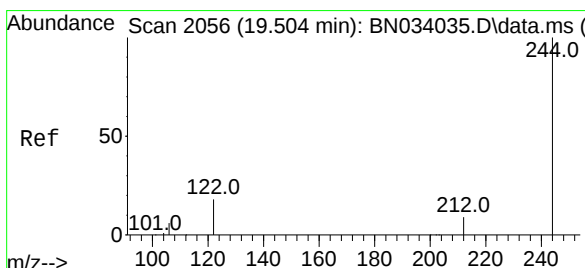
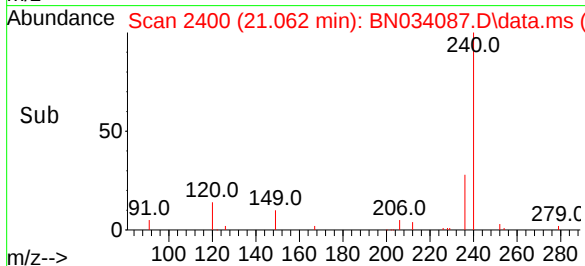
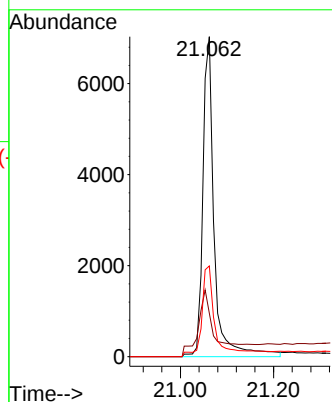
Tgt Ion:240 Resp: 11408

Ion Ratio Lower Upper

240 100

120 13.6 13.5 20.3

236 28.3 23.4 35.0



#31

Terphenyl-d14

Concen: 0.482 ng

RT: 19.498 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BN034087.D

Acq: 20 Sep 2024 15:05

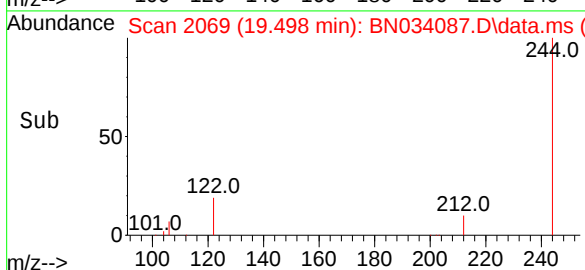
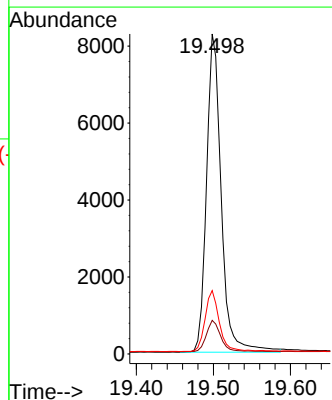
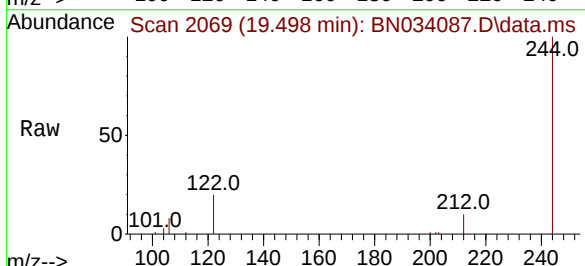
Tgt Ion:244 Resp: 10980

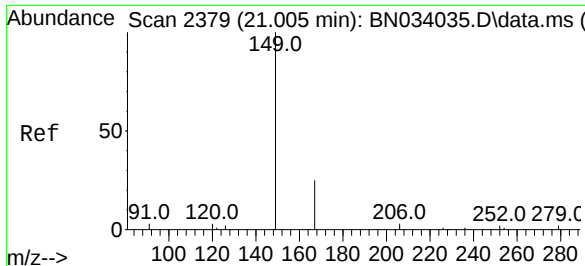
Ion Ratio Lower Upper

244 100

212 10.5 7.8 11.6

122 19.8 14.8 22.2

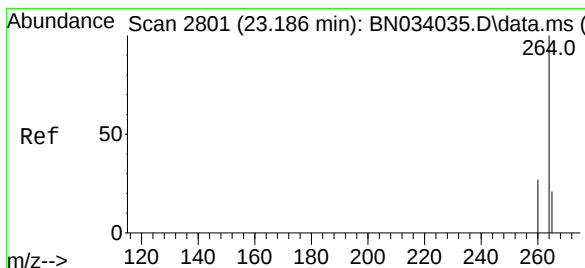
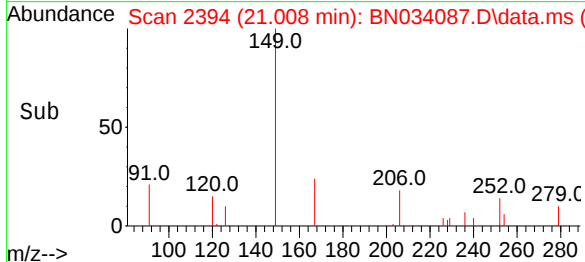
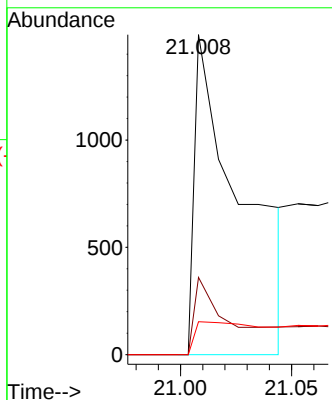
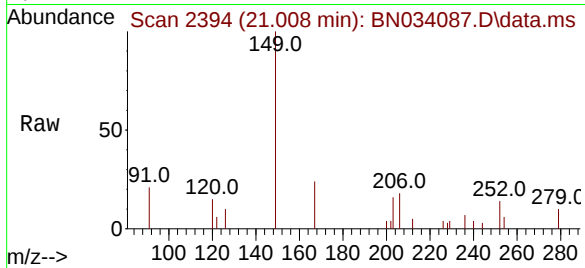




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.135 ng
RT: 21.008 min Scan# 21008
Delta R.T. 0.003 min
Lab File: BN034087.D
Acq: 20 Sep 2024 15:05

Instrument :
BNA_N
ClientSampleId :
RE104D1-20240911

Tgt Ion:149 Resp: 2024
Ion Ratio Lower Upper
149 100
167 17.0 19.9 29.9#
279 15.6 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.183 min Scan# 2816
Delta R.T. -0.003 min
Lab File: BN034087.D
Acq: 20 Sep 2024 15:05

Tgt Ion:264 Resp: 9752
Ion Ratio Lower Upper
264 100
260 27.4 21.7 32.5
265 80.9 52.1 78.1#

