

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034167.D
 Acq On : 23 Sep 2024 15:31
 Operator : JU/RC
 Sample : P4116-27DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20240918DL

Quant Time: Sep 23 16:05:26 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)

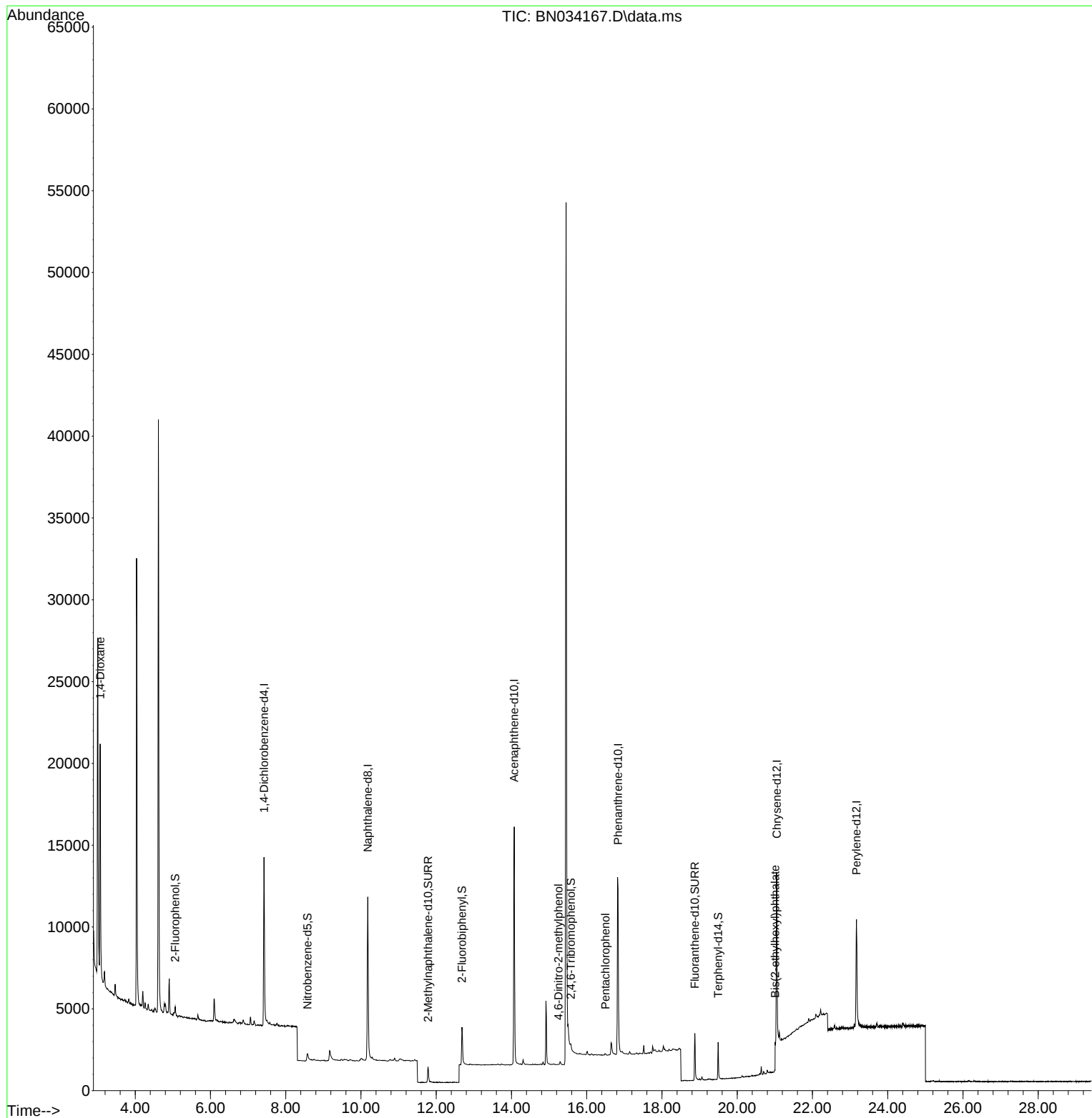
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	4935	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	14136	0.400	ng	#-0.02
13) Acenaphthene-d10	14.073	164	8583	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18127	0.400	ng	0.00
29) Chrysene-d12	21.053	240	11799	0.400	ng	# 0.00
35) Perylene-d12	23.168	264	9218	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	406	0.029	ng	-0.01
5) Phenol-d6	6.622	99	274	0.017	ng	-0.01
8) Nitrobenzene-d5	8.579	82	610	0.056	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	1543	0.074	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	198	0.051	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	2938	0.084	ng	-0.02
27) Fluoranthene-d10	18.871	212	3494	0.076	ng	-0.02
31) Terphenyl-d14	19.494	244	2206	0.094	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.068	88	8112	1.315	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.249	198	1	0.138	ng	# 1
24) Pentachlorophenol	16.498	266	78	0.021	ng	91
34) Bis(2-ethylhexyl)phtha...	21.008	149	789	0.051	ng	# 84

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

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Sample : P4116-27DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
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DUP05-20240918DL

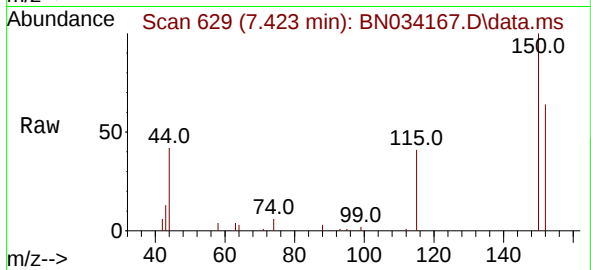
Quant Time: Sep 23 16:05:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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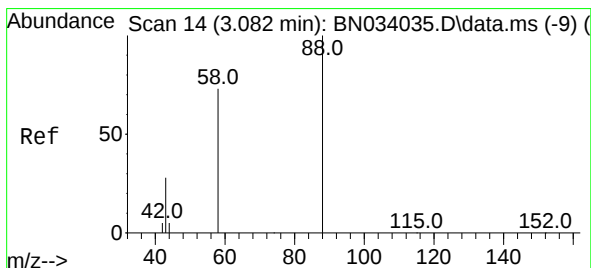
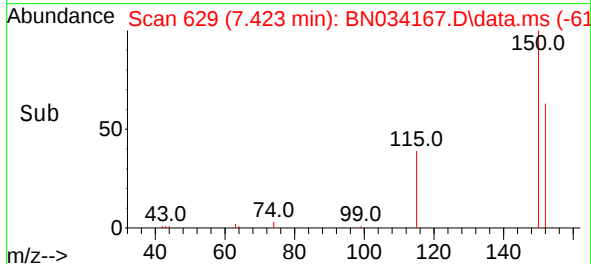
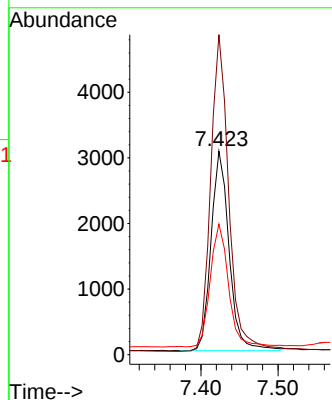


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
DUP05-20240918DL

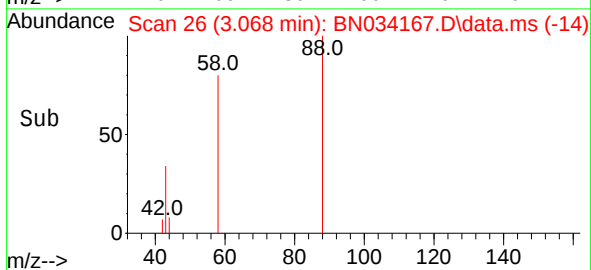
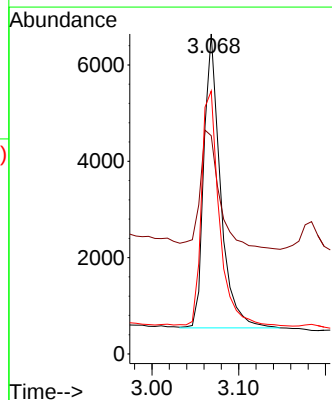
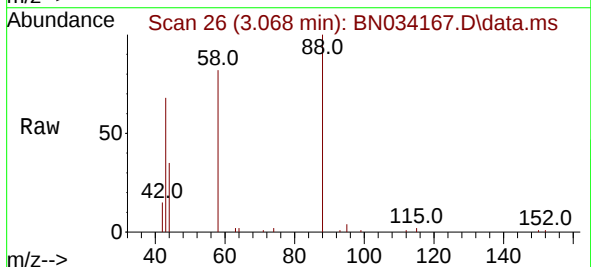


Tgt Ion:152 Resp: 4935
Ion Ratio Lower Upper
152 100
150 157.2 124.6 187.0
115 64.1 50.0 75.0



#2
1,4-Dioxane
Concen: 1.315 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

Tgt Ion: 88 Resp: 8112
Ion Ratio Lower Upper
88 100
43 47.9 25.8 38.8#
58 85.8 58.8 88.2

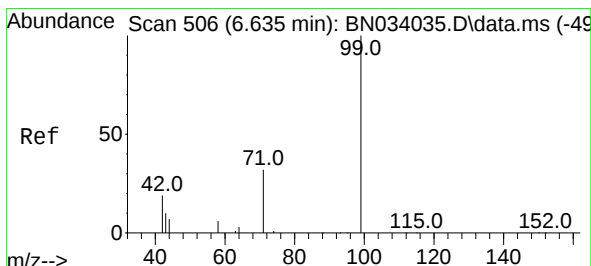
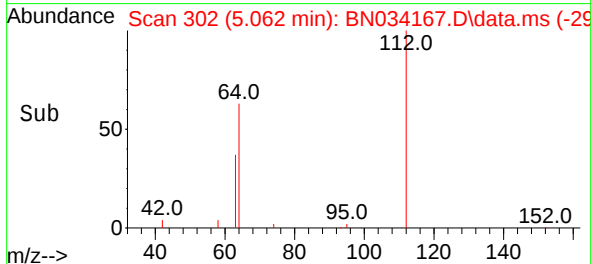
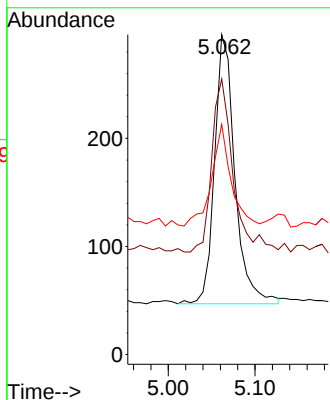
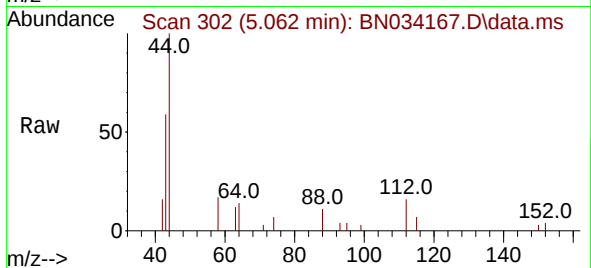




#4
2-Fluorophenol
Concen: 0.029 ng
RT: 5.062 min Scan# 30
Delta R.T. -0.013 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

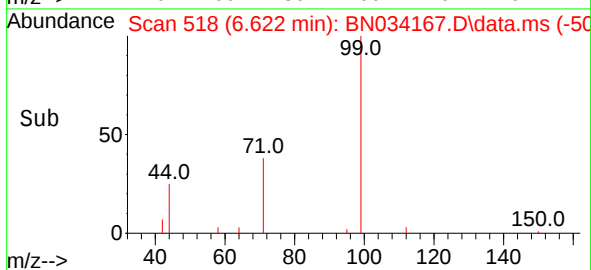
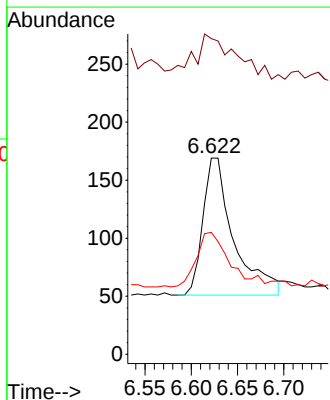
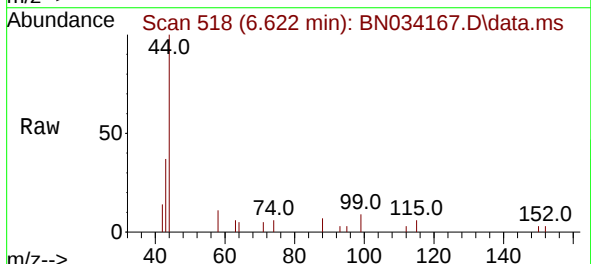
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918DL

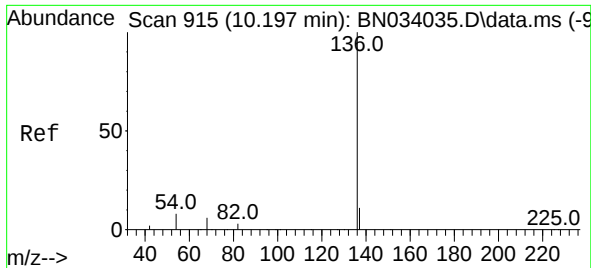
Tgt Ion:112 Resp: 406
Ion Ratio Lower Upper
112 100
64 66.7 48.6 72.8
63 35.7 25.6 38.4



#5
Phenol-d6
Concen: 0.017 ng
RT: 6.622 min Scan# 518
Delta R.T. -0.013 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

Tgt Ion: 99 Resp: 274
Ion Ratio Lower Upper
99 100
42 44.5 17.8 26.8#
71 43.4 26.2 39.2#

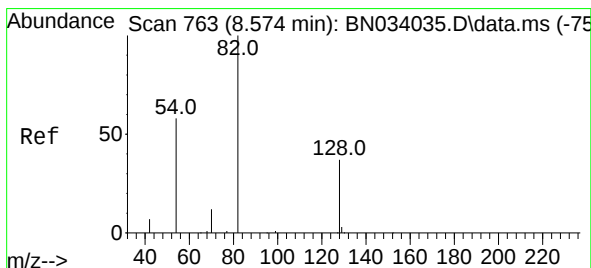
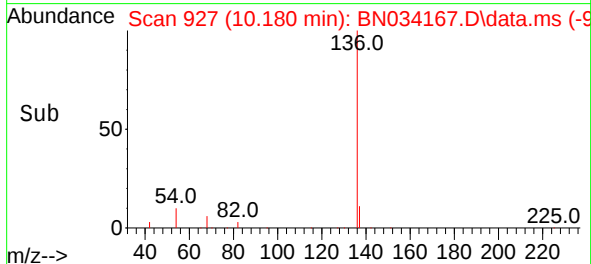
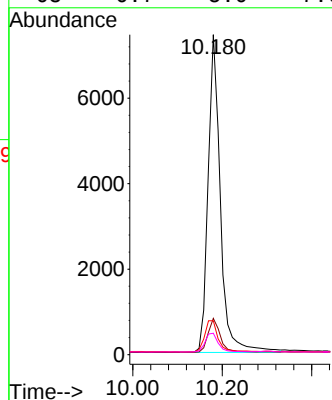
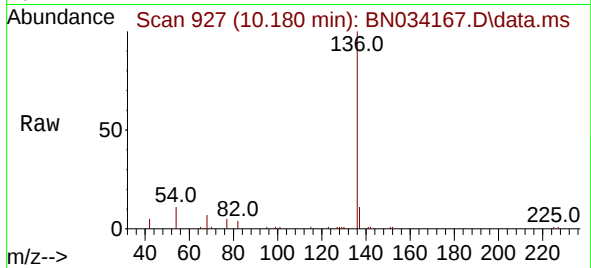




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

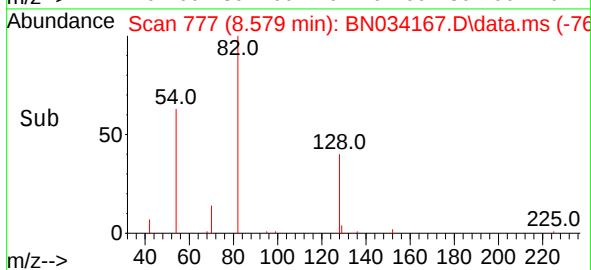
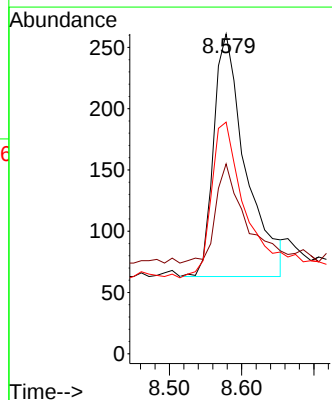
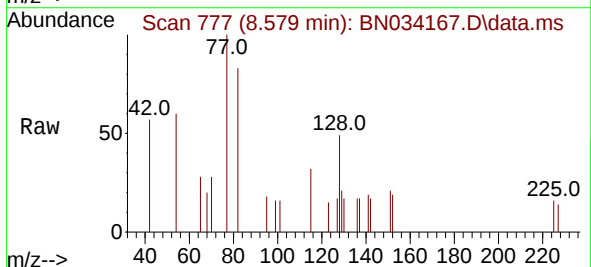
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918DL

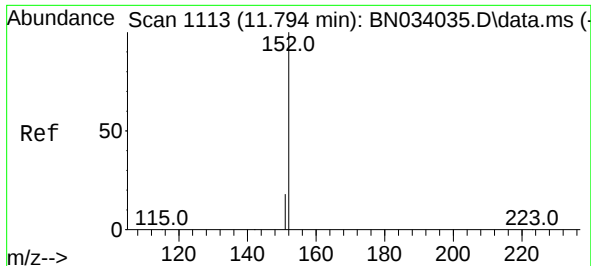
Tgt Ion:136	Resp:	14136
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	10.6	6.8 10.2#
68	6.7	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.056 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

Tgt Ion: 82	Resp:	610
Ion Ratio	Lower	Upper
82	100	
128	59.4	31.4 47.2#
54	72.4	47.4 71.0#





#11

2-Methylnaphthalene-d10

Concen: 0.074 ng

RT: 11.784 min Scan# 1113

Delta R.T. -0.010 min

Lab File: BN034167.D

Acq: 23 Sep 2024 15:31

Instrument :

BNA_N

ClientSampleId :

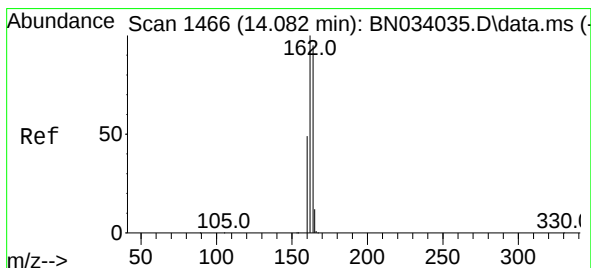
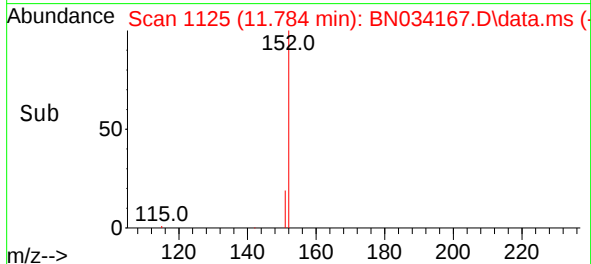
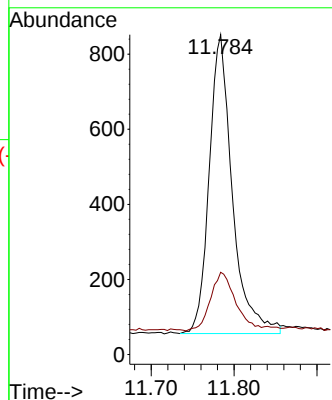
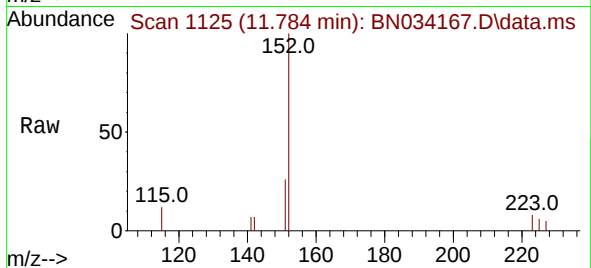
DUP05-20240918DL

Tgt Ion:152 Resp: 1543

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# 1480

Delta R.T. -0.009 min

Lab File: BN034167.D

Acq: 23 Sep 2024 15:31

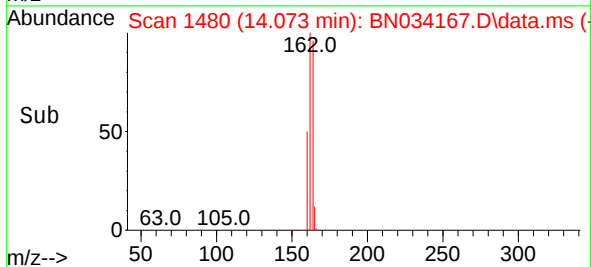
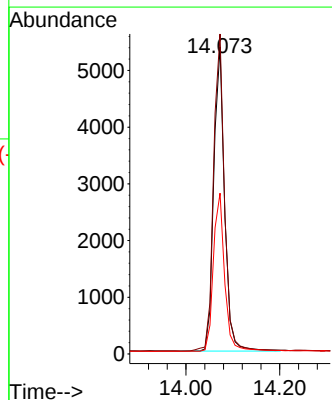
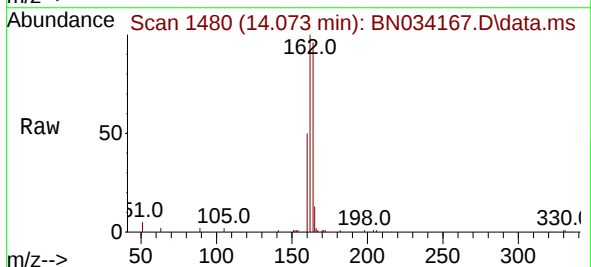
Tgt Ion:164 Resp: 8583

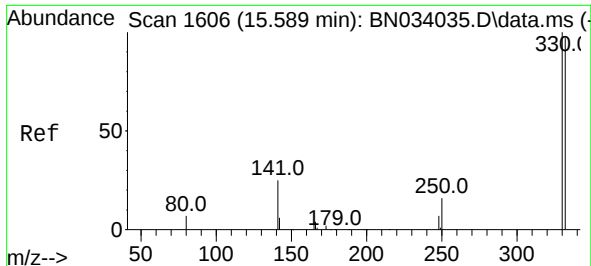
Ion Ratio Lower Upper

164 100

162 104.2 84.2 126.2

160 52.3 41.7 62.5

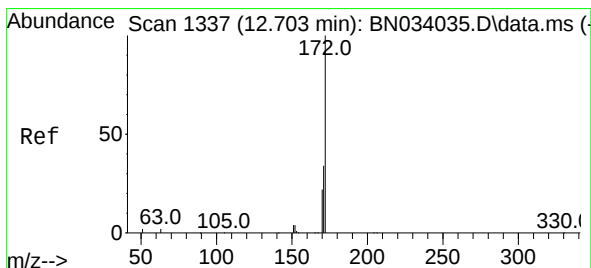
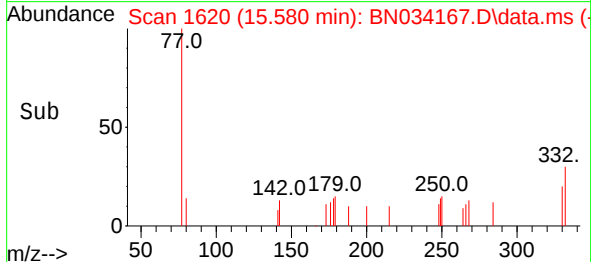
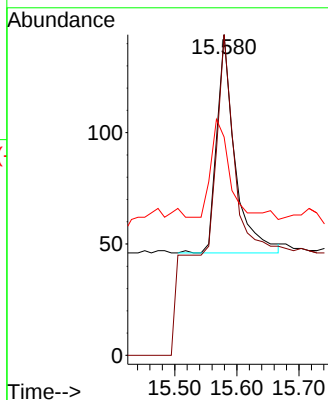
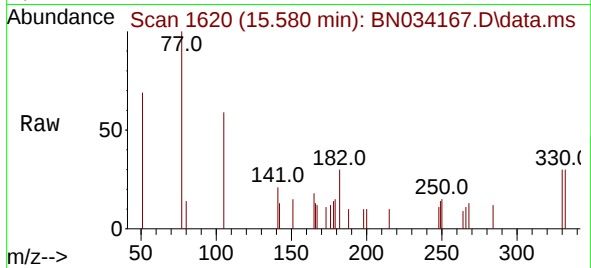




#14
2,4,6-Tribromophenol
Concen: 0.051 ng
RT: 15.580 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

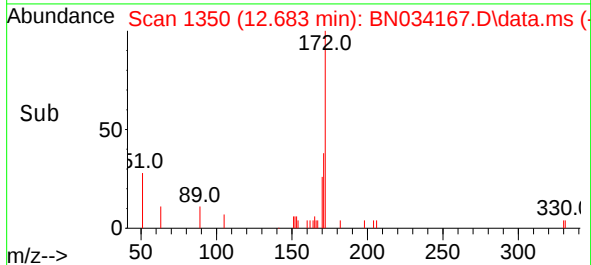
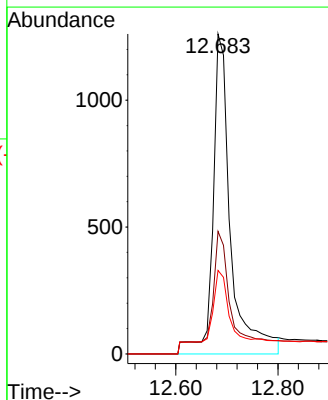
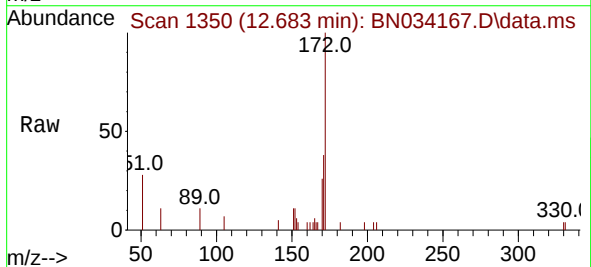
Instrument :
BNA_N
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DUP05-20240918DL

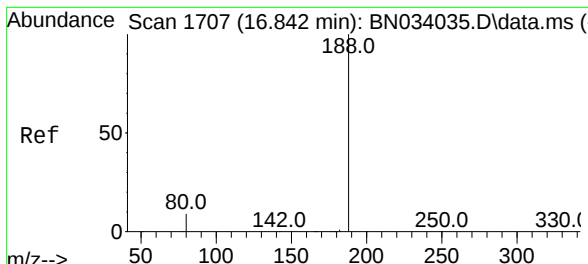
Tgt Ion:330 Resp: 198
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 50.0 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.084 ng
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

Tgt Ion:172 Resp: 2938
Ion Ratio Lower Upper
172 100
171 38.3 27.3 40.9
170 26.1 18.1 27.1

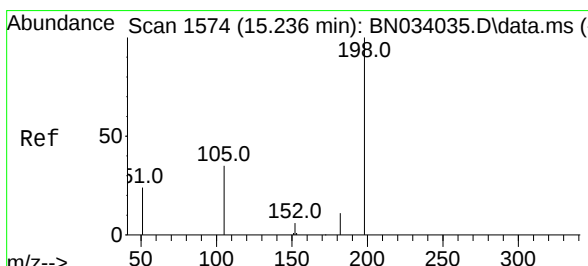
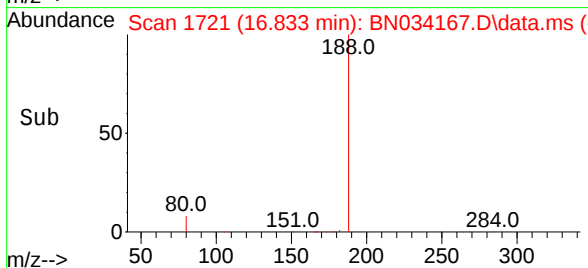
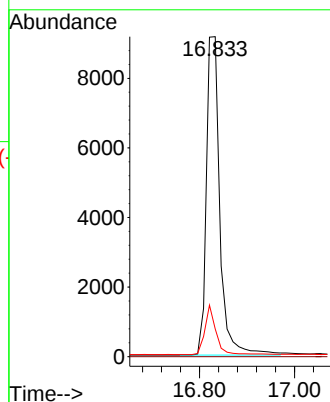
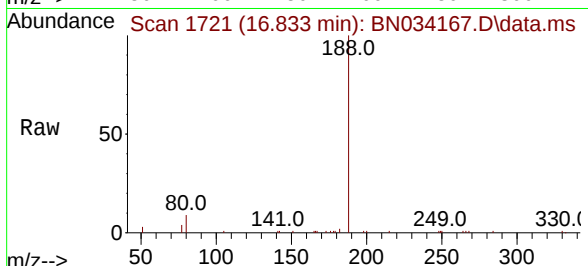




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

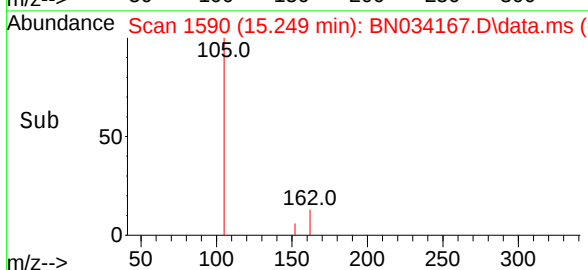
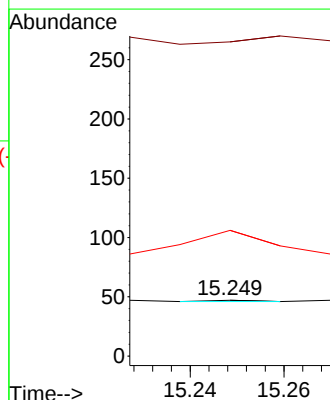
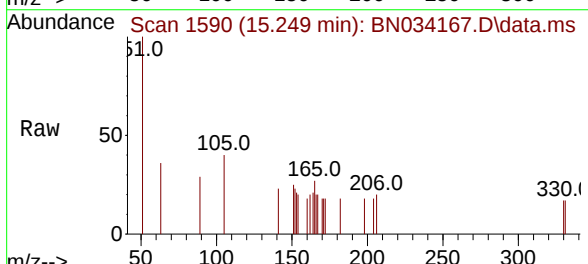
Instrument :
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DUP05-20240918DL

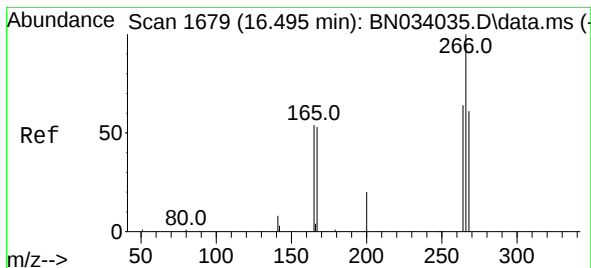
Tgt Ion:188 Resp: 18127
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.4 11.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.138 ng
RT: 15.249 min Scan# 1590
Delta R.T. 0.012 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 563.8 106.4 159.6#
105 225.5 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.021 ng

RT: 16.498 min Scan# 1694

Delta R.T. 0.003 min

Lab File: BN034167.D

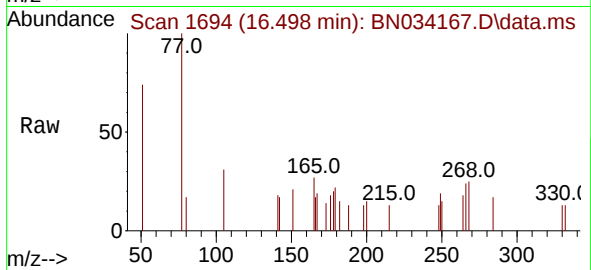
Acq: 23 Sep 2024 15:31

Instrument :

BNA_N

ClientSampleId :

DUP05-20240918DL



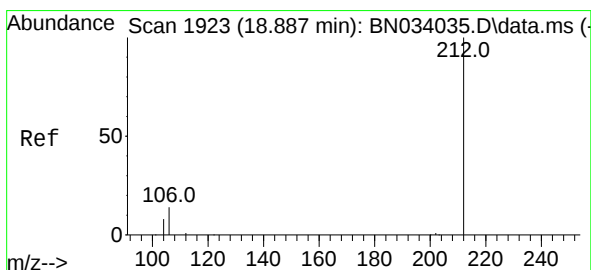
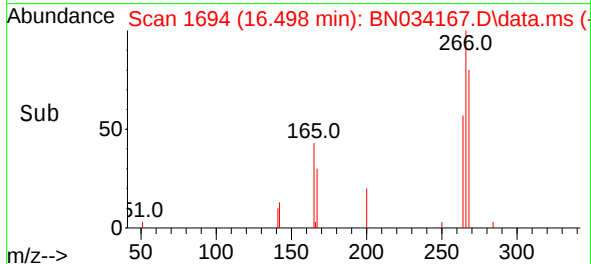
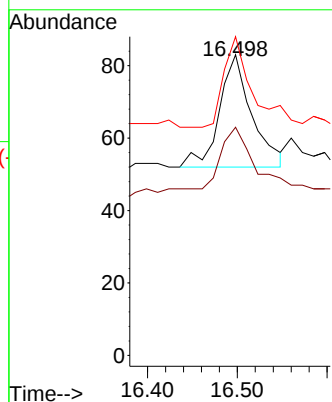
Tgt Ion:266 Resp: 78

Ion Ratio Lower Upper

266 100

264 67.9 50.2 75.2

268 71.8 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.076 ng

RT: 18.871 min Scan# 1934

Delta R.T. -0.015 min

Lab File: BN034167.D

Acq: 23 Sep 2024 15:31

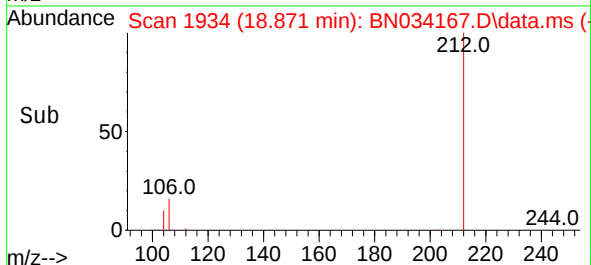
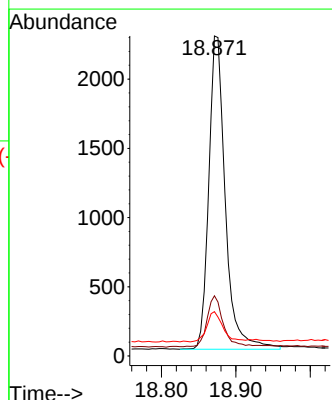
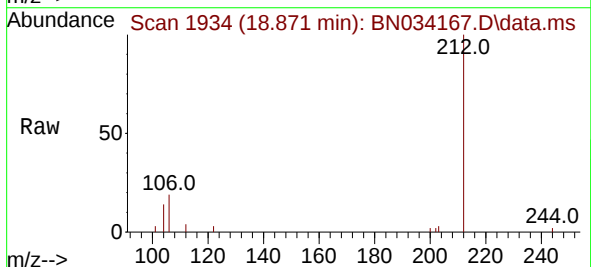
Tgt Ion:212 Resp: 3494

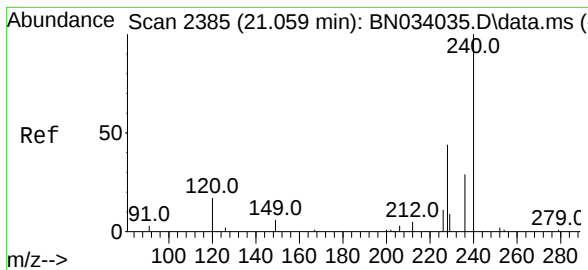
Ion Ratio Lower Upper

212 100

106 16.0 13.4 20.2

104 9.4 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.053 min Scan# 24

Delta R.T. -0.006 min

Lab File: BN034167.D

Acq: 23 Sep 2024 15:31

Instrument :

BNA_N

ClientSampleId :

DUP05-20240918DL

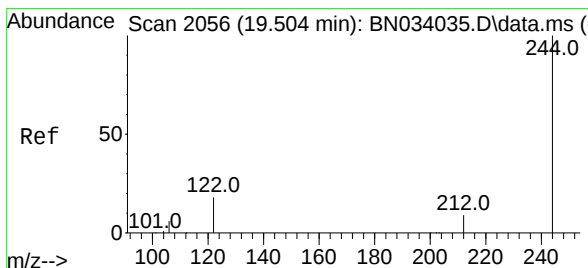
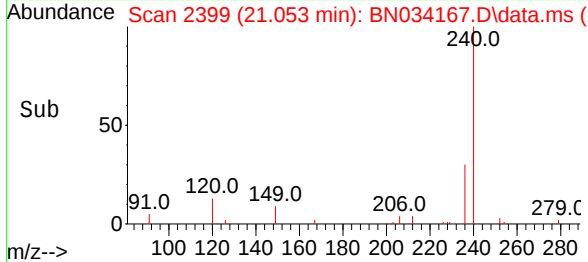
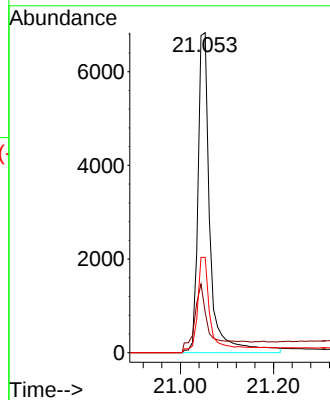
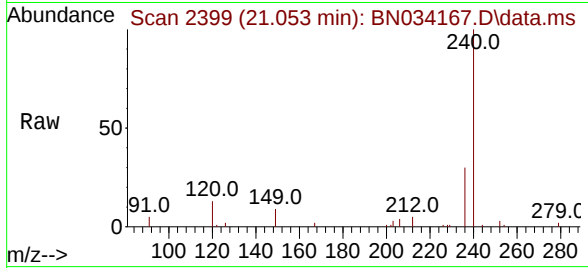
Tgt Ion:240 Resp: 11799

Ion Ratio Lower Upper

240 100

120 12.7 13.5 20.3#

236 29.8 23.4 35.0



#31

Terphenyl-d14

Concen: 0.094 ng

RT: 19.494 min Scan# 2068

Delta R.T. -0.011 min

Lab File: BN034167.D

Acq: 23 Sep 2024 15:31

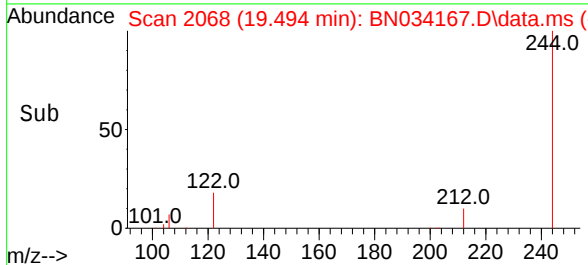
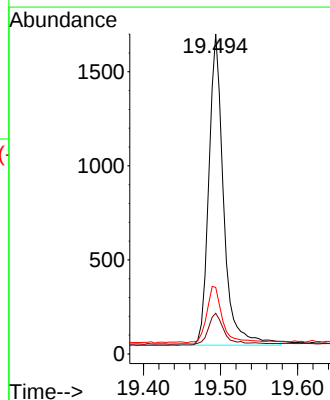
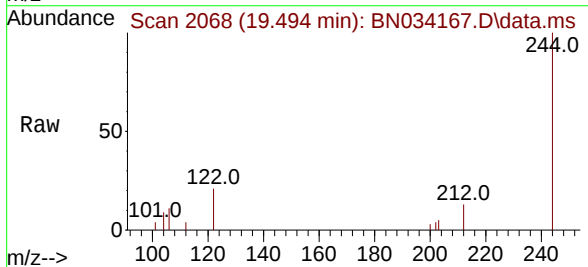
Tgt Ion:244 Resp: 2206

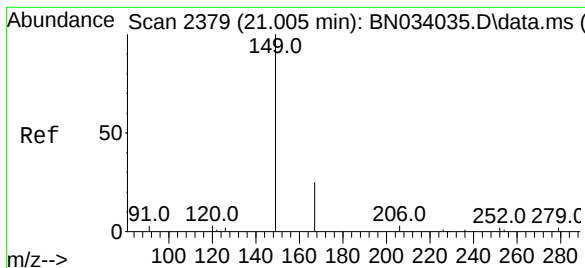
Ion Ratio Lower Upper

244 100

212 12.7 7.8 11.6#

122 20.8 14.8 22.2

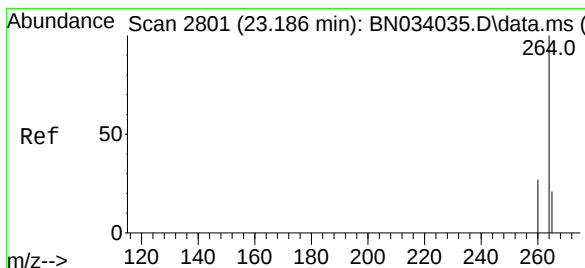
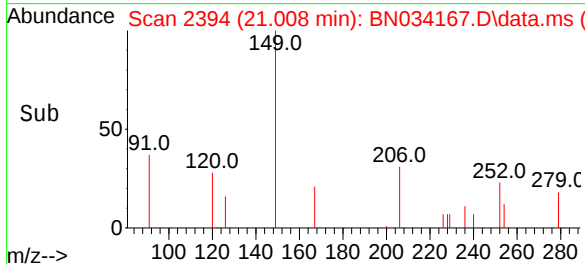
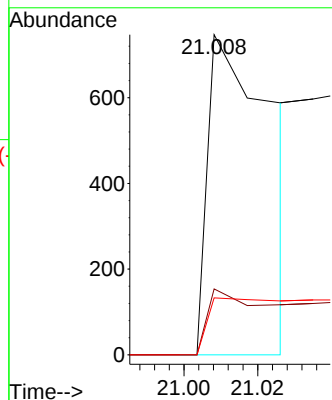
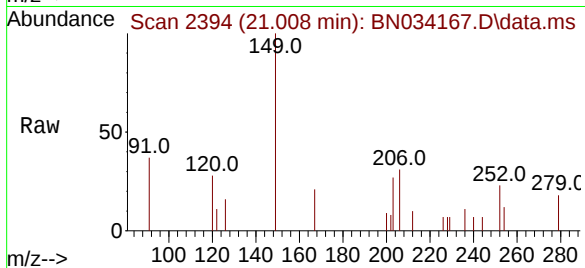




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.008 min Scan# 2100
 Delta R.T. 0.003 min
 Lab File: BN034167.D
 Acq: 23 Sep 2024 15:31

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20240918DL

Tgt Ion:149 Resp: 789
 Ion Ratio Lower Upper
 149 100
 167 19.9 19.9 29.9#
 279 20.0 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: BN034167.D
 Acq: 23 Sep 2024 15:31

Tgt Ion:264 Resp: 9218
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.7 32.5
 265 71.9 52.1 78.1

