

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032087.D
 Acq On : 20 Jun 2024 02:41
 Operator : MA/JU
 Sample : P2891-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-380-382

Quant Time: Jun 20 03:06:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

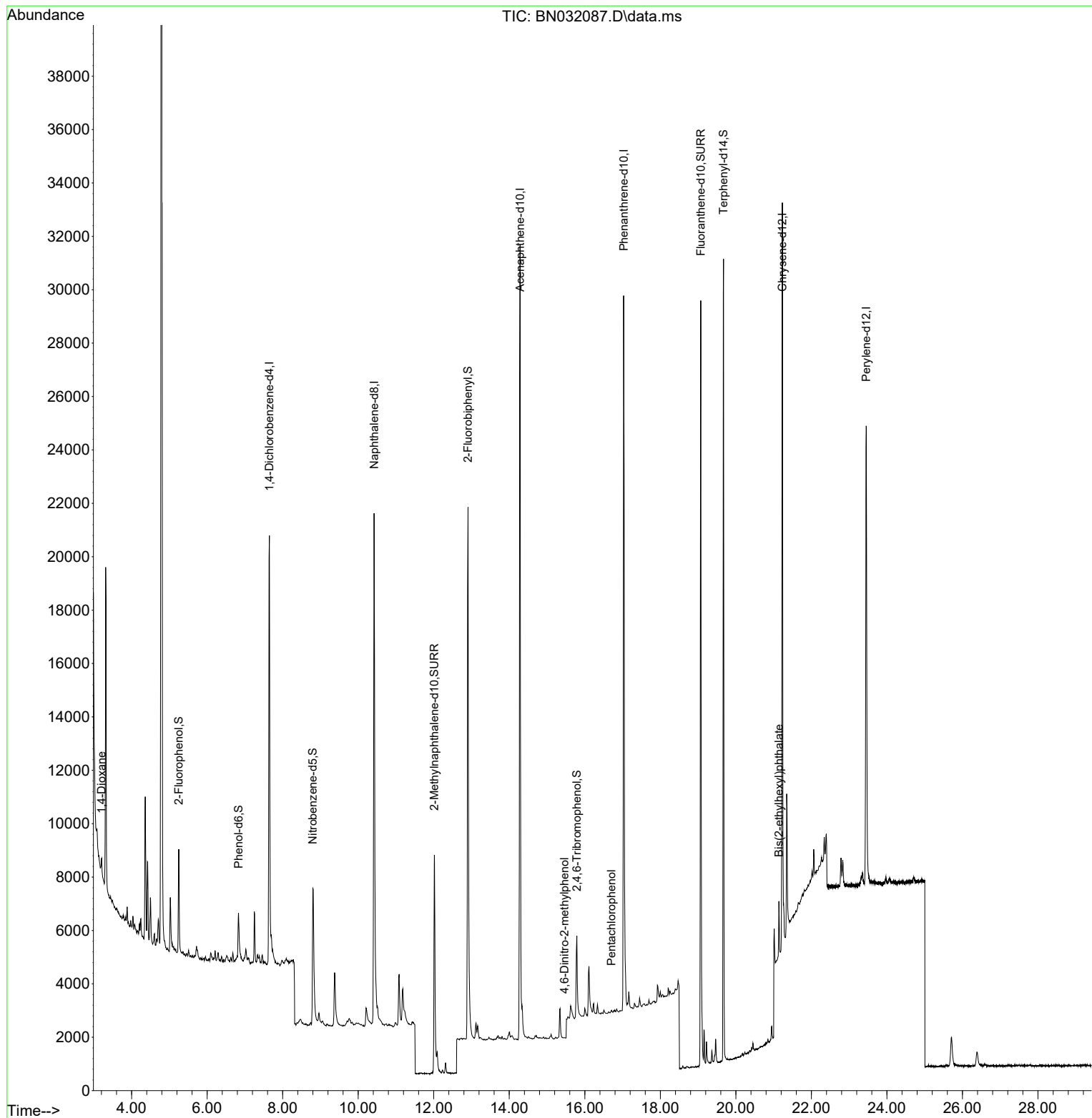
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	9182	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	31231	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	20051	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	40549	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	26124	0.400	ng	# 0.00
35) Perylene-d12	23.449	264	24412	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3578	0.137	ng	0.00
5) Phenol-d6	6.830	99	2754	0.080	ng	0.00
8) Nitrobenzene-d5	8.798	82	6632	0.256	ng	0.00
11) 2-Methylnaphthalene-d10	12.017	152	14323	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	2200	0.229	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	23831	0.313	ng	0.00
27) Fluoranthene-d10	19.068	212	33854	0.307	ng	0.00
31) Terphenyl-d14	19.672	244	29953	0.469	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	502	0.045	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.461	198	22	0.177	ng	# 1
24) Pentachlorophenol	16.706	266	97	0.177	ng	94
34) Bis(2-ethylhexyl)phtha...	21.139	149	2203	0.033	ng	# 93

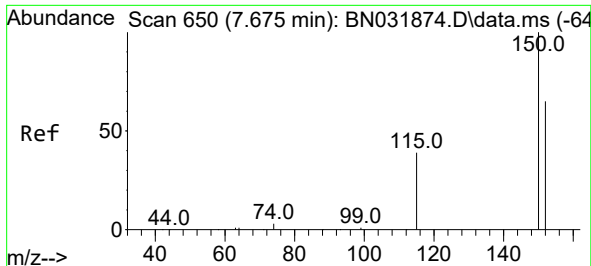
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
Data File : BN032087.D
Acq On : 20 Jun 2024 02:41
Operator : MA/JU
Sample : P2891-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
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BP-VPB-196-GW-380-382

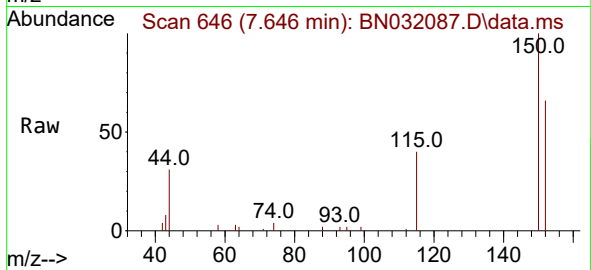
Quant Time: Jun 20 03:06:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



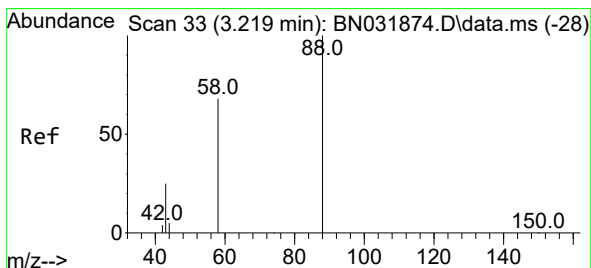
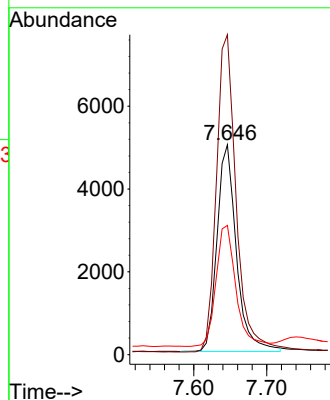
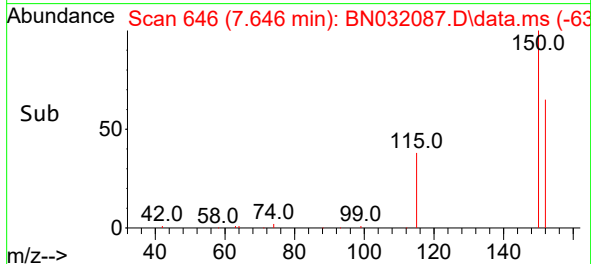


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN032087.D
Acq: 20 Jun 2024 02:41

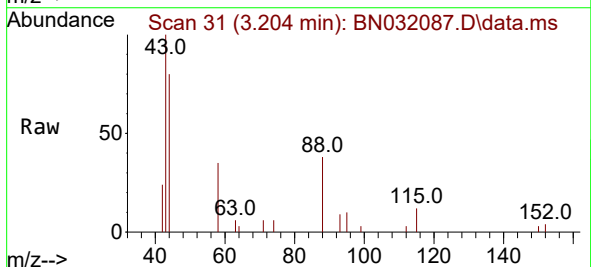
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-380-382



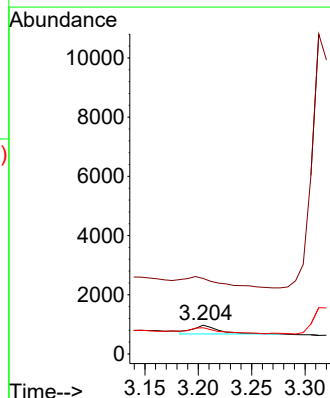
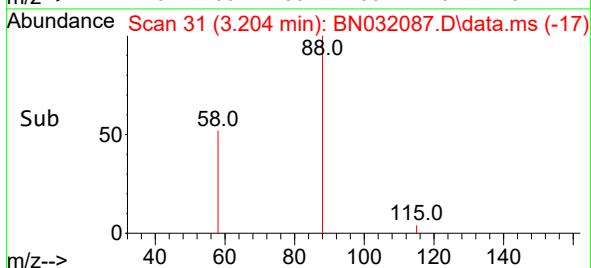
Tgt Ion:152 Resp: 9182
Ion Ratio Lower Upper
152 100
150 152.5 121.0 181.4
115 61.6 49.4 74.0

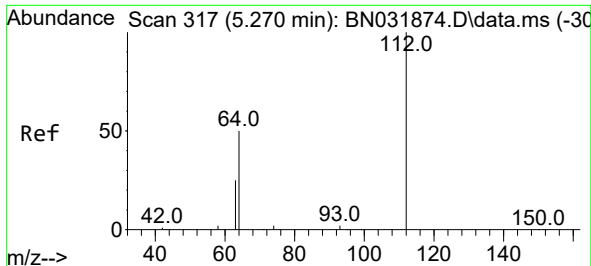


#2
1,4-Dioxane
Concen: 0.045 ng
RT: 3.204 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN032087.D
Acq: 20 Jun 2024 02:41



Tgt Ion: 88 Resp: 502
Ion Ratio Lower Upper
88 100
43 180.7 22.7 34.1#
58 77.5 51.3 76.9#

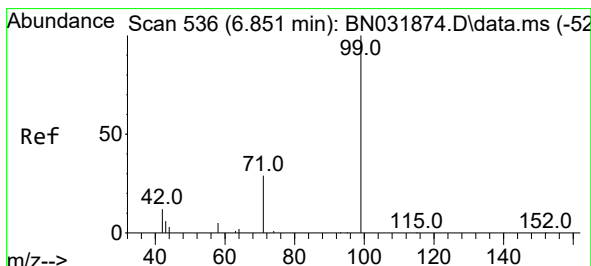
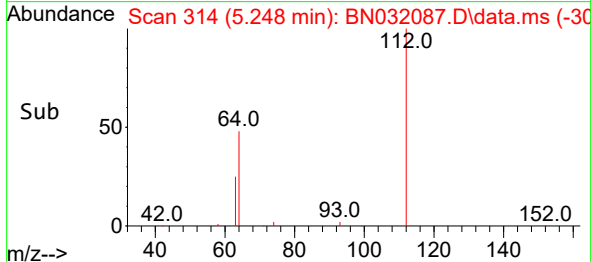
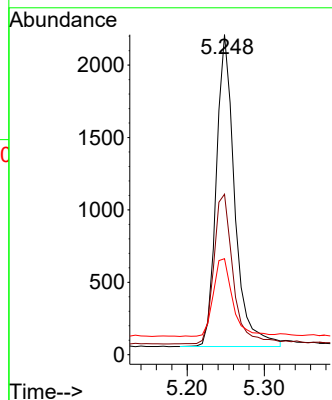
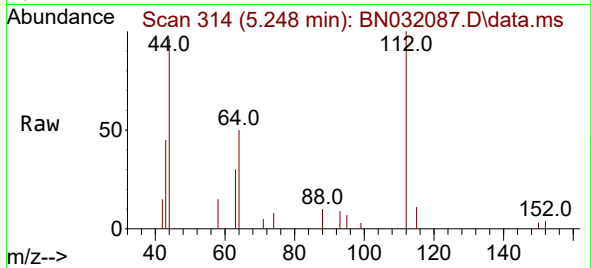




#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.248 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN032087.D
Acq: 20 Jun 2024 02:41

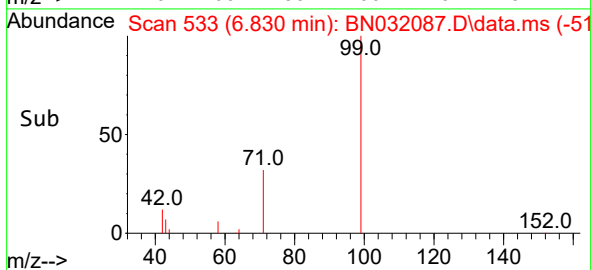
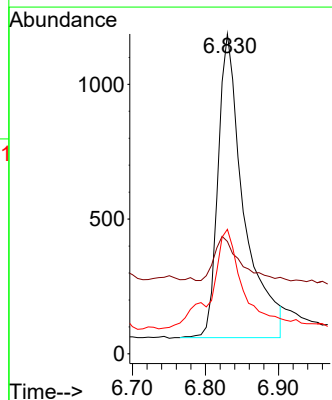
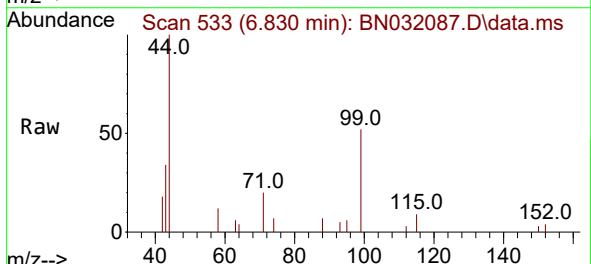
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-380-382

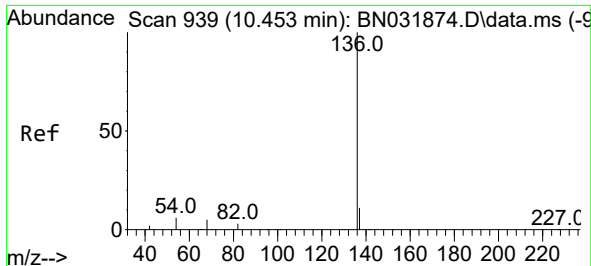
Tgt Ion:112 Resp: 3578
Ion Ratio Lower Upper
112 100
64 50.3 42.4 63.6
63 26.3 22.1 33.1



#5
Phenol-d6
Concen: 0.080 ng
RT: 6.830 min Scan# 533
Delta R.T. -0.000 min
Lab File: BN032087.D
Acq: 20 Jun 2024 02:41

Tgt Ion: 99 Resp: 2754
Ion Ratio Lower Upper
99 100
42 13.8 12.8 19.2
71 38.8 25.4 38.2#

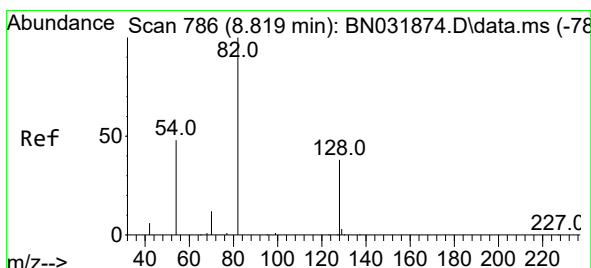
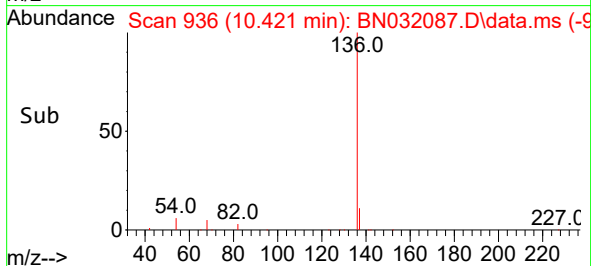
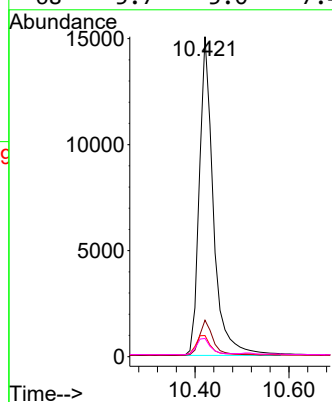
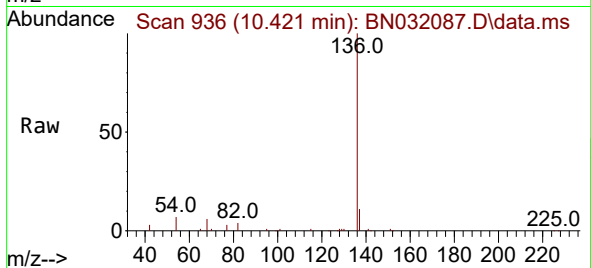




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN032087.D
Acq: 20 Jun 2024 02:41

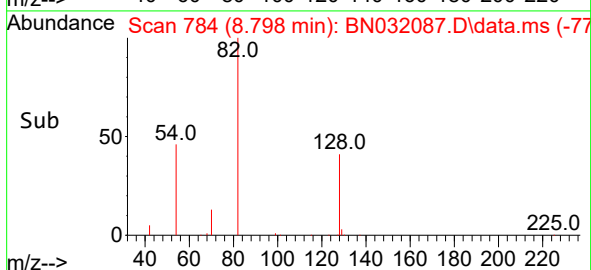
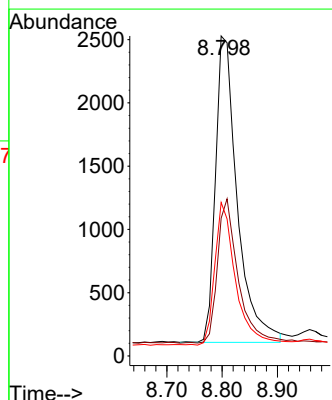
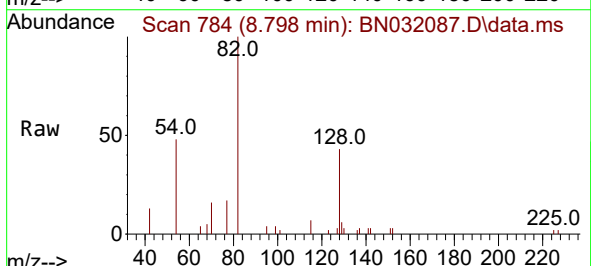
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-380-382

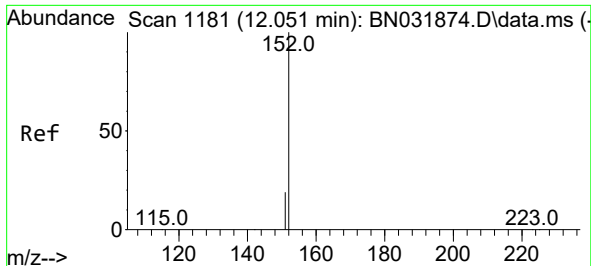
Tgt Ion:	136	Resp:	31231
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.6	5.6	8.4
68	5.7	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN032087.D
Acq: 20 Jun 2024 02:41

Tgt Ion:	82	Resp:	6632
Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.1	48.1
54	48.0	39.7	59.5





#11

2-Methylnaphthalene-d10

Concen: 0.288 ng

RT: 12.017 min Scan# 1181

Delta R.T. -0.004 min

Lab File: BN032087.D

Acq: 20 Jun 2024 02:41

Instrument :

BNA_N

ClientSampleId :

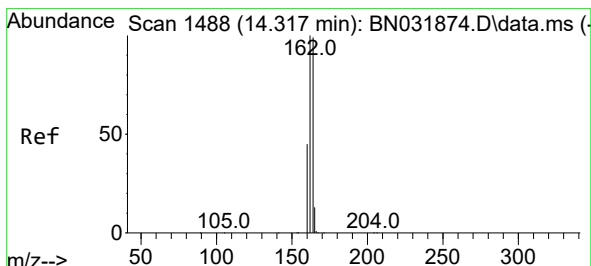
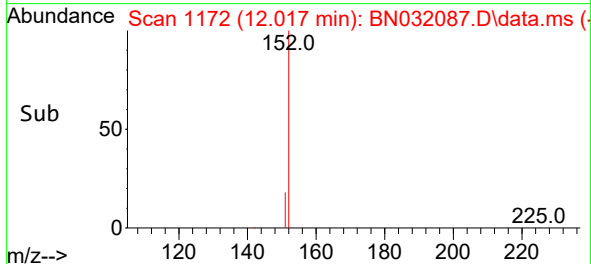
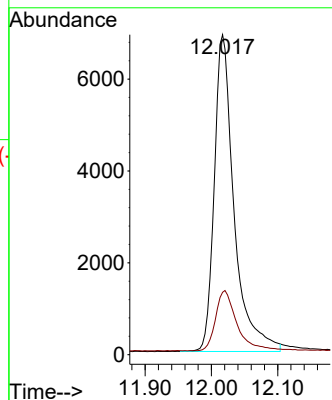
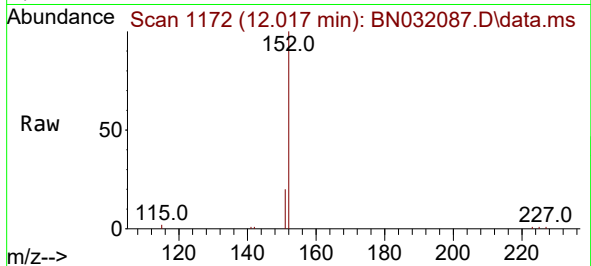
BP-VPB-196-GW-380-382

Tgt Ion:152 Resp: 14323

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.285 min Scan# 1485

Delta R.T. -0.000 min

Lab File: BN032087.D

Acq: 20 Jun 2024 02:41

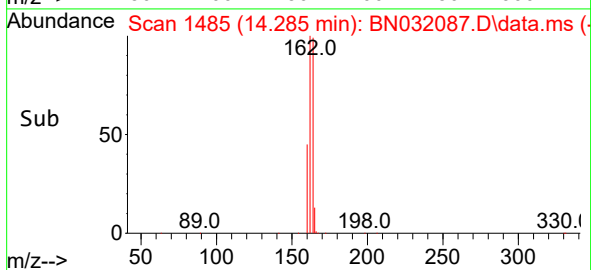
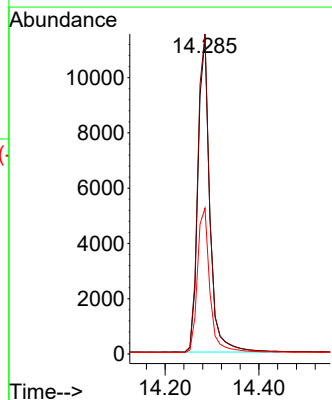
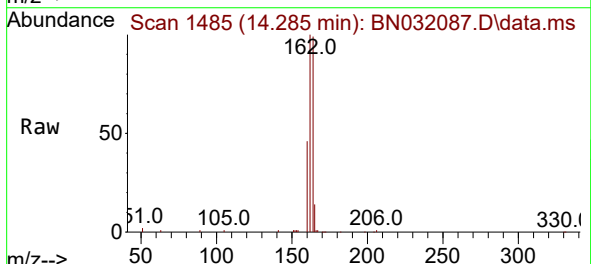
Tgt Ion:164 Resp: 20051

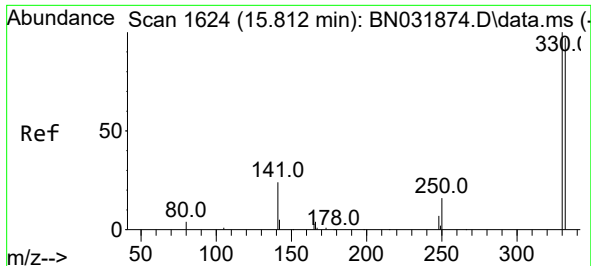
Ion Ratio Lower Upper

164 100

162 101.1 80.7 121.1

160 46.1 36.2 54.4

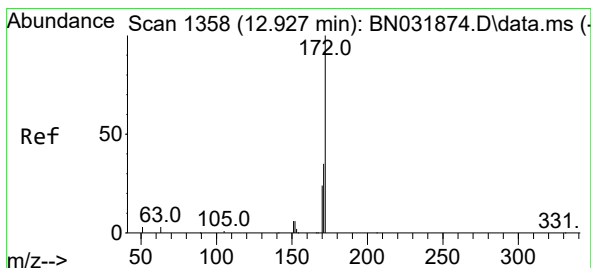
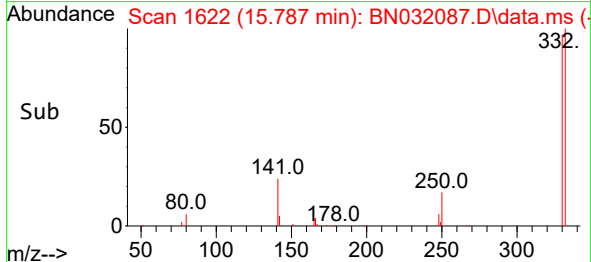
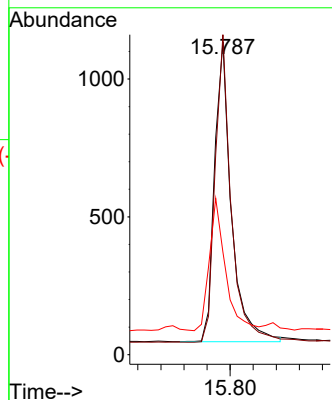
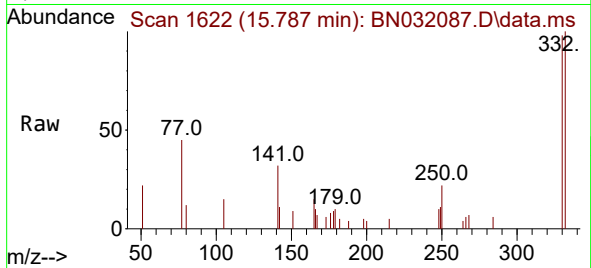




#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 15.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032087.D
Acq: 20 Jun 2024 02:41

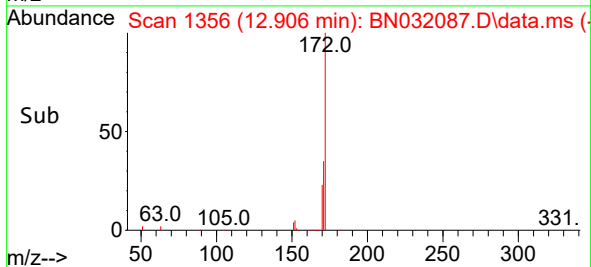
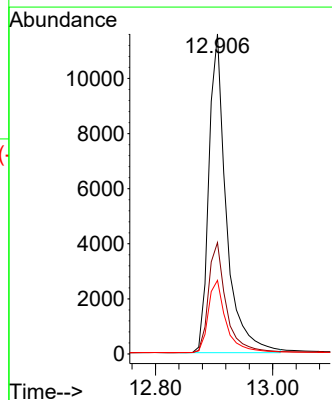
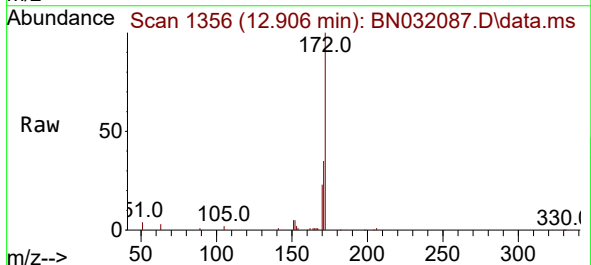
Instrument :
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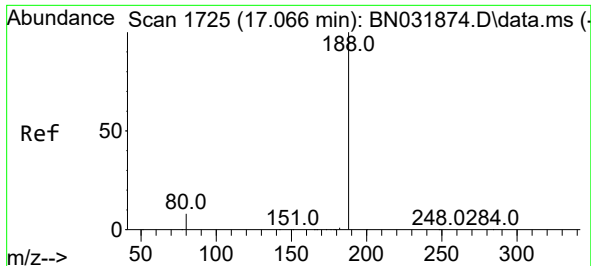
Tgt Ion:330 Resp: 2200
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 42.4 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.906 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BN032087.D
Acq: 20 Jun 2024 02:41

Tgt Ion:172 Resp: 23831
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.0 19.2 28.8

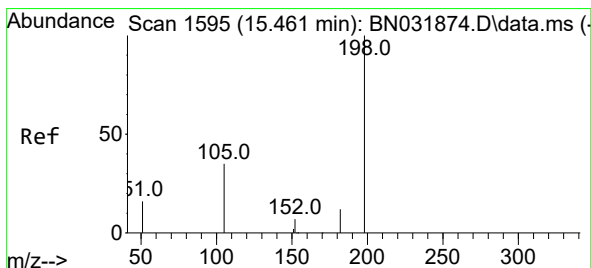
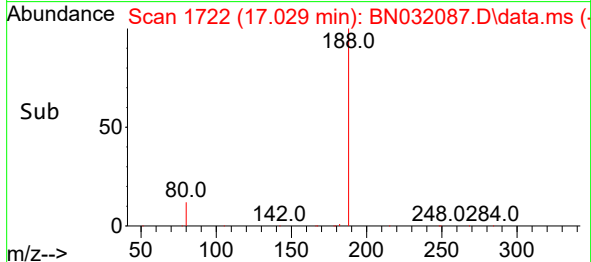
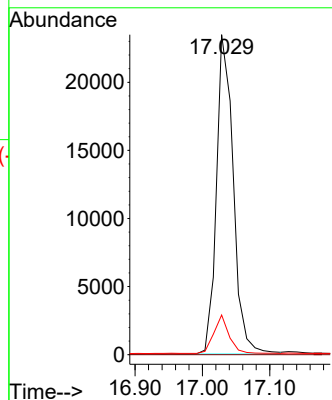
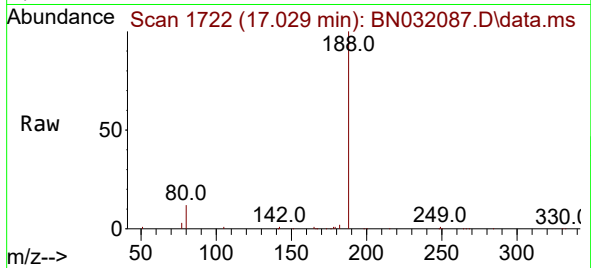




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN032087.D
Acq: 20 Jun 2024 02:41

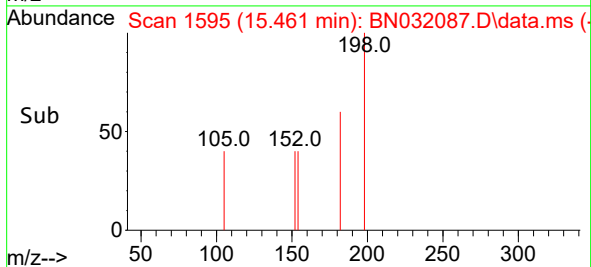
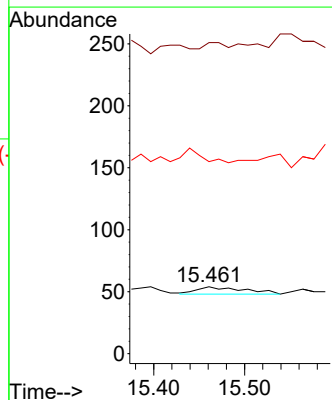
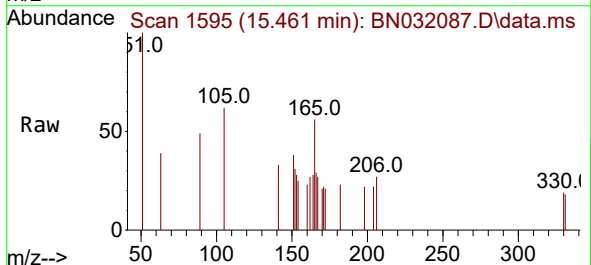
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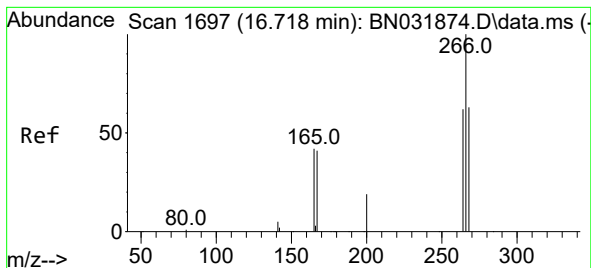
Tgt Ion:188 Resp: 40549
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 6.4 9.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.177 ng
RT: 15.461 min Scan# 1595
Delta R.T. 0.021 min
Lab File: BN032087.D
Acq: 20 Jun 2024 02:41

Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 464.8 42.7 64.1#
105 287.0 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.177 ng

RT: 16.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN032087.D

Acq: 20 Jun 2024 02:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-380-382

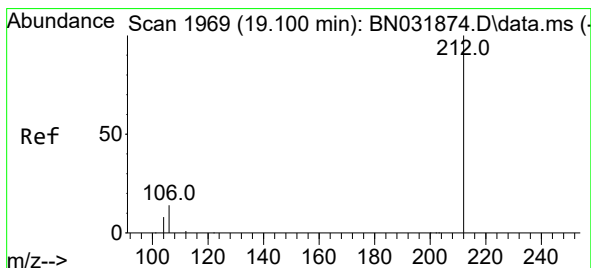
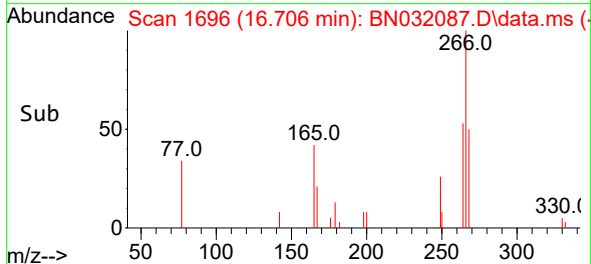
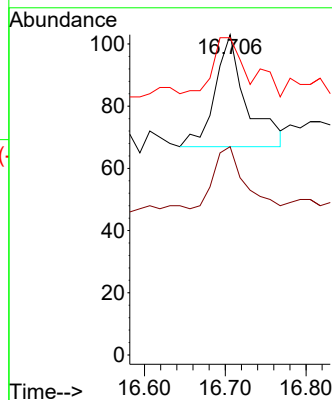
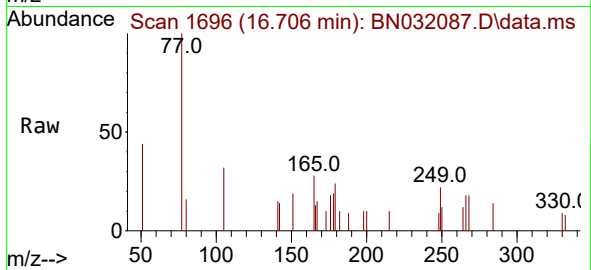
Tgt Ion:266 Resp: 97

Ion Ratio Lower Upper

266 100

264 55.7 50.0 75.0

268 61.9 51.0 76.6



#27

Fluoranthene-d10

Concen: 0.307 ng

RT: 19.068 min Scan# 1962

Delta R.T. -0.005 min

Lab File: BN032087.D

Acq: 20 Jun 2024 02:41

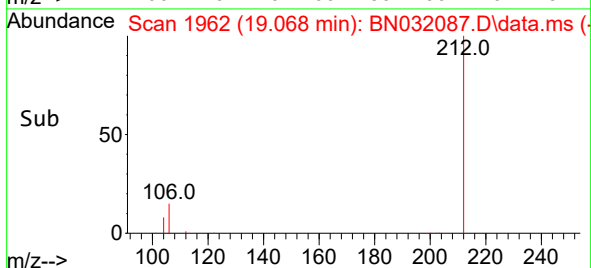
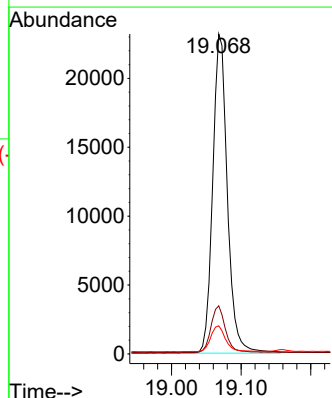
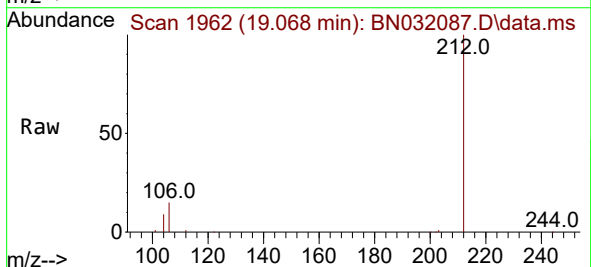
Tgt Ion:212 Resp: 33854

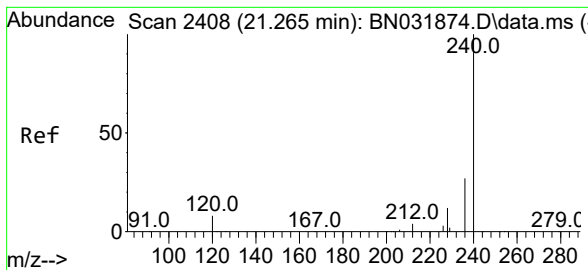
Ion Ratio Lower Upper

212 100

106 14.5 11.8 17.8

104 8.3 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BN032087.D

Acq: 20 Jun 2024 02:41

Instrument :

BNA_N

ClientSampleId :

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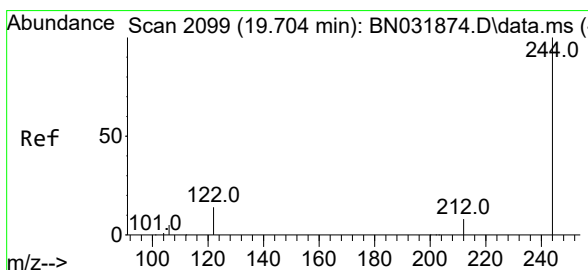
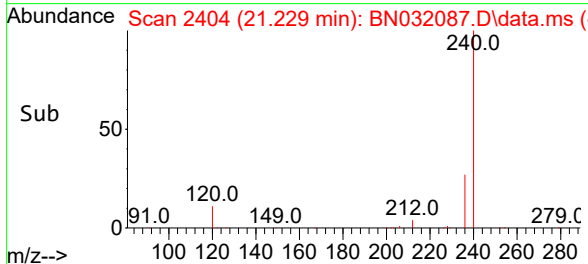
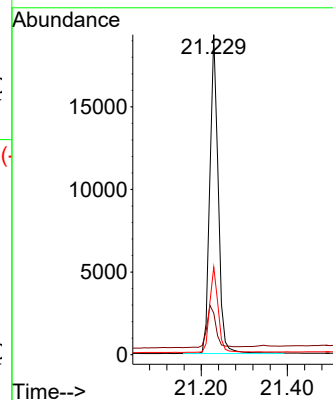
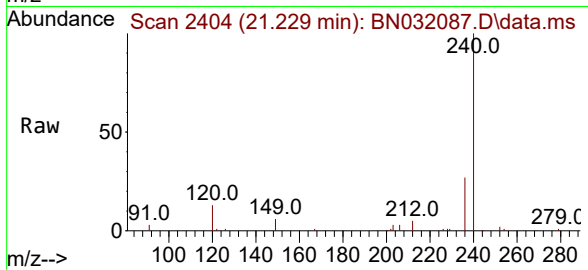
Tgt Ion:240 Resp: 26124

Ion Ratio Lower Upper

240 100

120 13.0 8.2 12.4#

236 27.4 21.8 32.8



#31

Terphenyl-d14

Concen: 0.469 ng

RT: 19.672 min Scan# 2092

Delta R.T. -0.000 min

Lab File: BN032087.D

Acq: 20 Jun 2024 02:41

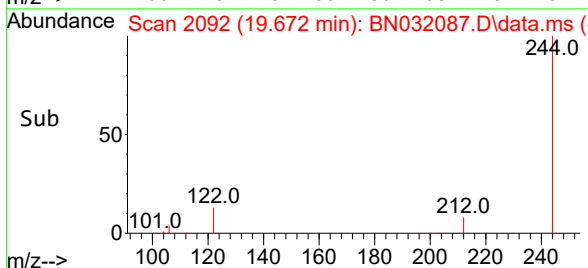
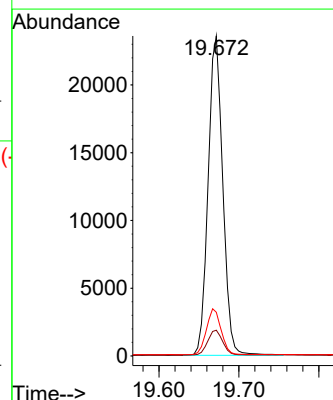
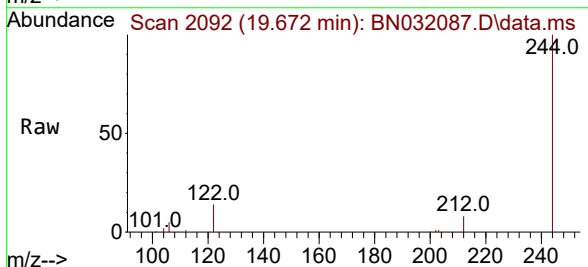
Tgt Ion:244 Resp: 29953

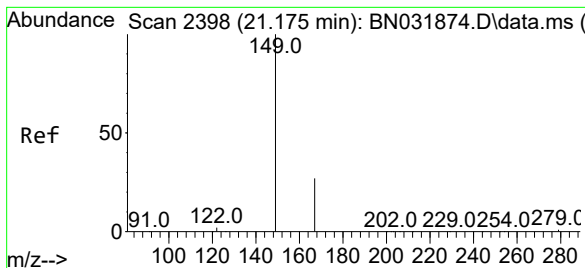
Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 13.7 11.4 17.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.033 ng

RT: 21.139 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN032087.D

Acq: 20 Jun 2024 02:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-380-382

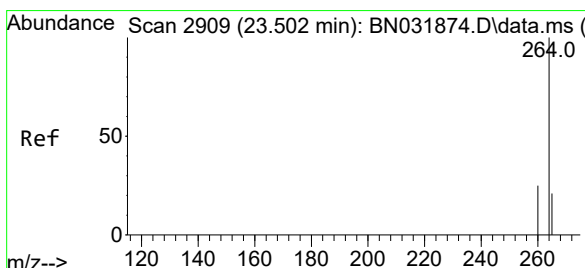
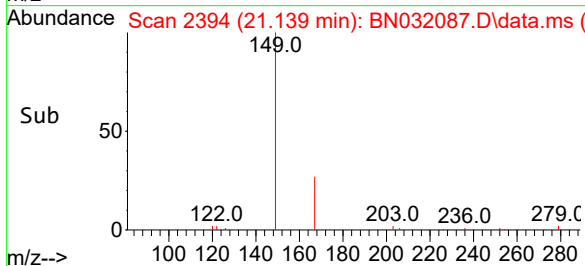
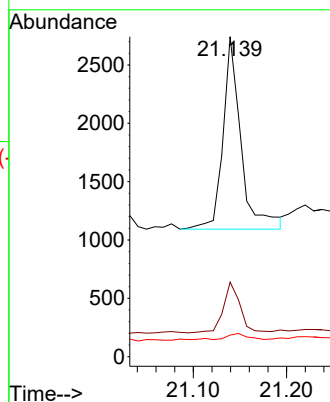
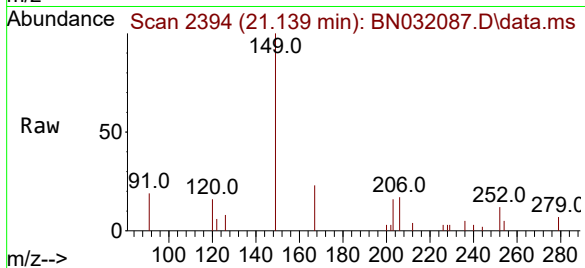
Tgt Ion:149 Resp: 2203

Ion Ratio Lower Upper

149 100

167 24.6 22.5 33.7

279 5.2 2.9 4.3#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.449 min Scan# 2891

Delta R.T. -0.003 min

Lab File: BN032087.D

Acq: 20 Jun 2024 02:41

Tgt Ion:264 Resp: 24412

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

265 63.5 39.6 59.4#

