

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032088.D
 Acq On : 20 Jun 2024 03:17
 Operator : MA/JU
 Sample : P2891-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-400-402

Quant Time: Jun 20 03:41:59 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)

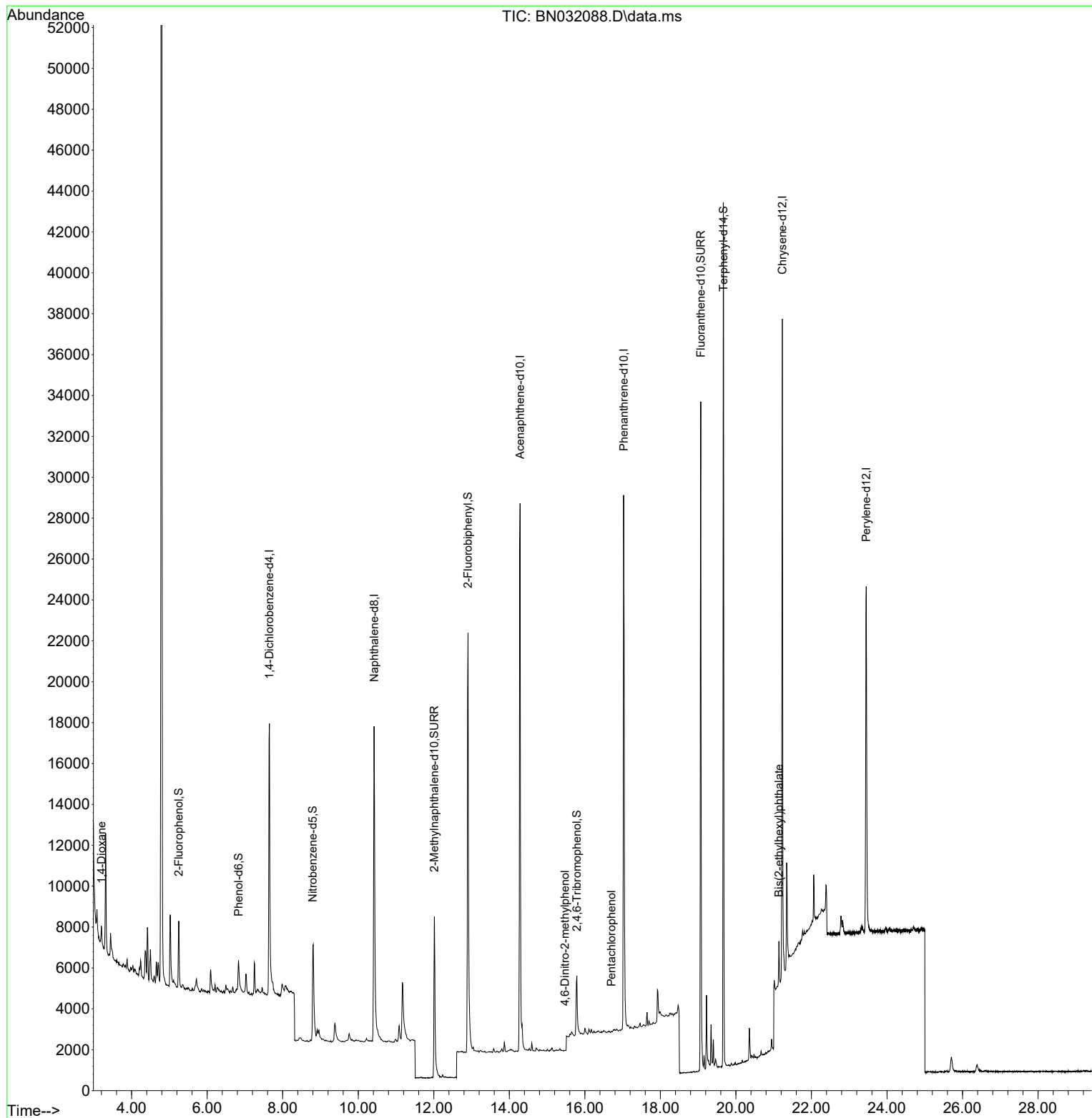
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	7808	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	27223	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	18561	0.400	ng	0.00
19) Phenanthrene-d10	17.028	188	41254	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	29876	0.400	ng	# 0.00
35) Perylene-d12	23.449	264	23922	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3095	0.139	ng	0.00
5) Phenol-d6	6.830	99	2417	0.083	ng	0.00
8) Nitrobenzene-d5	8.798	82	6150	0.272	ng	0.00
11) 2-Methylnaphthalene-d10	12.017	152	13742	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	2154	0.242	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	24701	0.351	ng	0.00
27) Fluoranthene-d10	19.068	212	38401	0.342	ng	0.00
31) Terphenyl-d14	19.667	244	41274	0.565	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	698	0.073	ng	# 30
20) 4,6-Dinitro-2-methylph...	15.471	198	6	0.175	ng	# 1
24) Pentachlorophenol	16.706	266	22	0.172	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.139	149	2083	0.027	ng	# 99

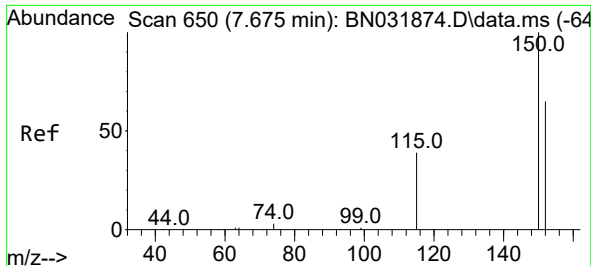
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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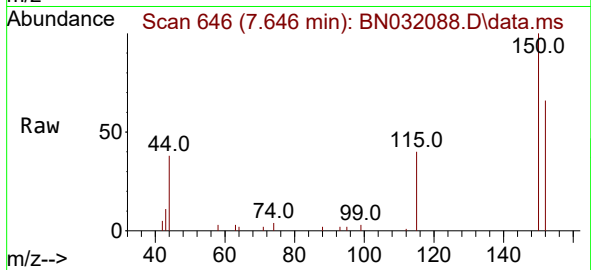
Quant Time: Jun 20 03:41:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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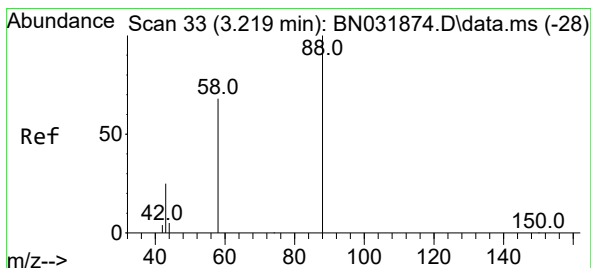
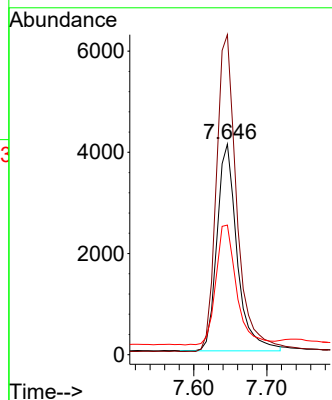
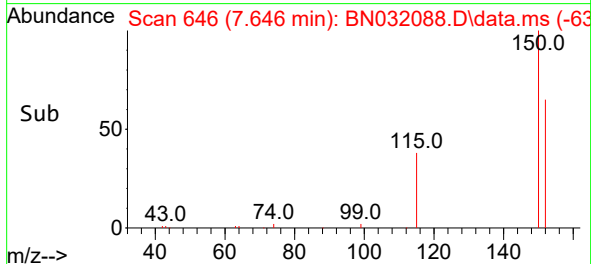


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.646 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN032088.D
 Acq: 20 Jun 2024 03:17

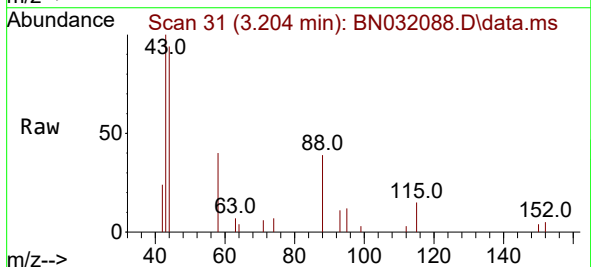
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-400-402



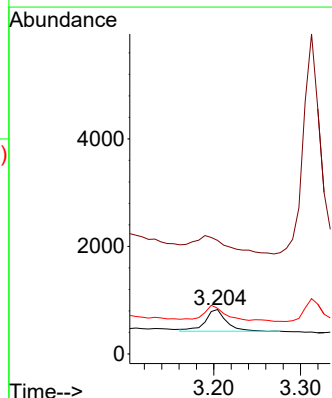
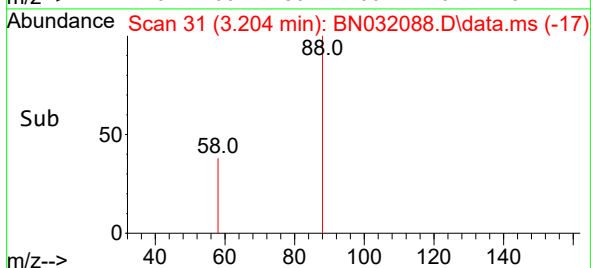
Tgt Ion:152 Resp: 7808
 Ion Ratio Lower Upper
 152 100
 150 152.0 121.0 181.4
 115 61.6 49.4 74.0

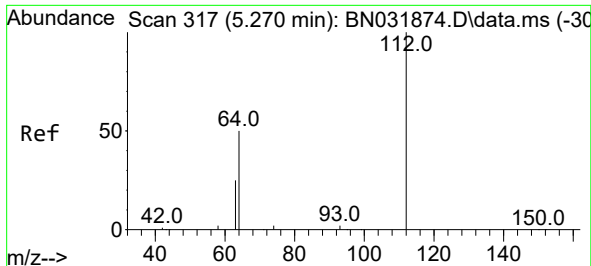


#2
 1,4-Dioxane
 Concen: 0.073 ng
 RT: 3.204 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN032088.D
 Acq: 20 Jun 2024 03:17



Tgt Ion: 88 Resp: 698
 Ion Ratio Lower Upper
 88 100
 43 133.8 22.7 34.1#
 58 74.5 51.3 76.9

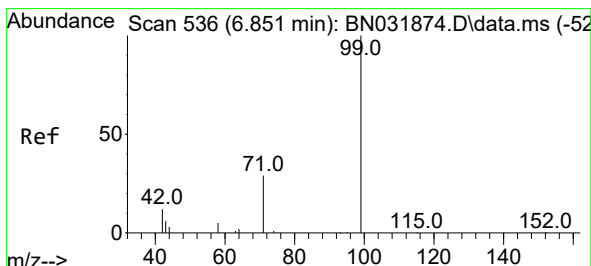
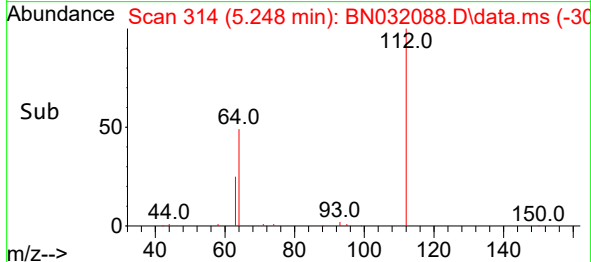
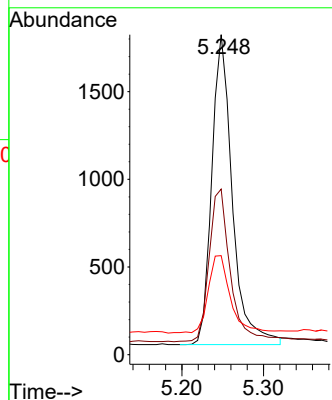
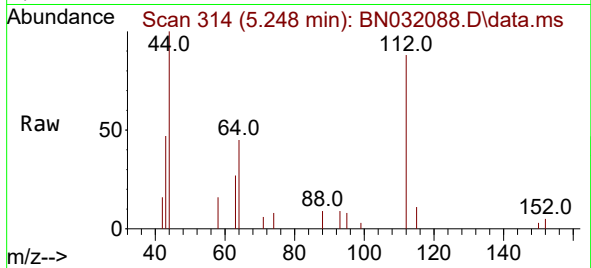




#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.248 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN032088.D
Acq: 20 Jun 2024 03:17

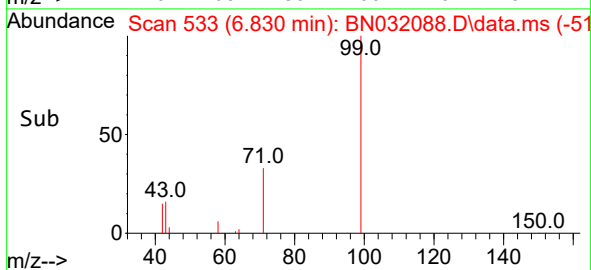
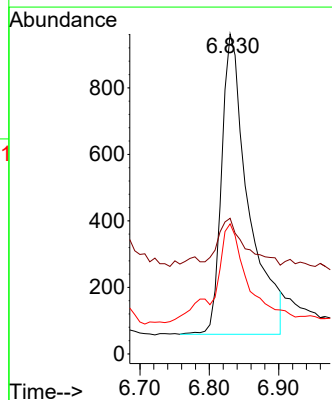
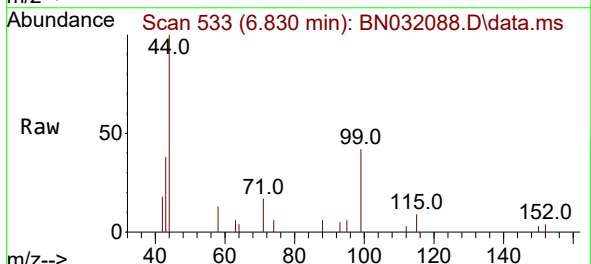
Instrument :
BNA_N
ClientSampleId :
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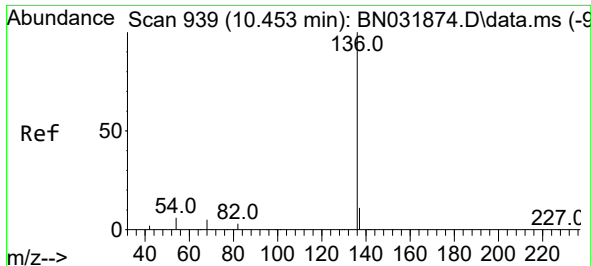
Tgt Ion:112 Resp: 3095
Ion Ratio Lower Upper
112 100
64 50.9 42.4 63.6
63 27.1 22.1 33.1



#5
Phenol-d6
Concen: 0.083 ng
RT: 6.830 min Scan# 533
Delta R.T. -0.000 min
Lab File: BN032088.D
Acq: 20 Jun 2024 03:17

Tgt Ion: 99 Resp: 2417
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 38.0 25.4 38.2

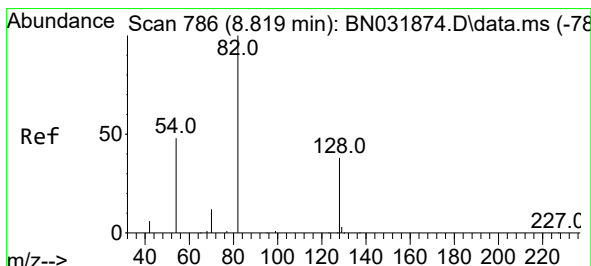
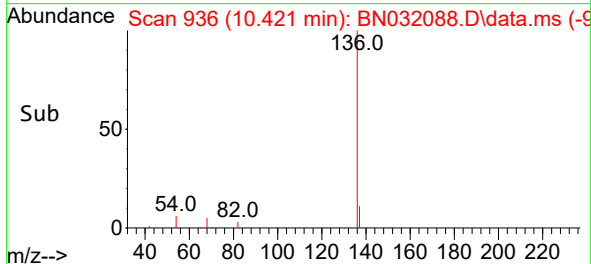
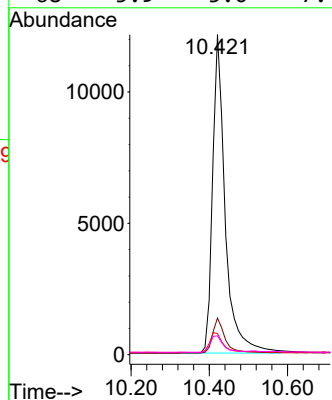
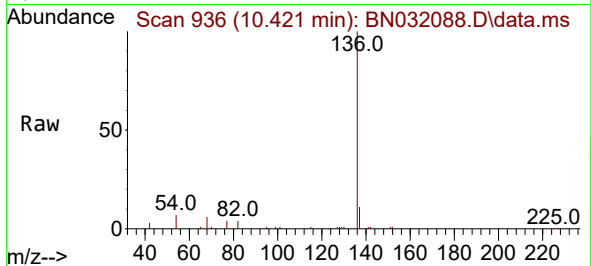




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN032088.D
Acq: 20 Jun 2024 03:17

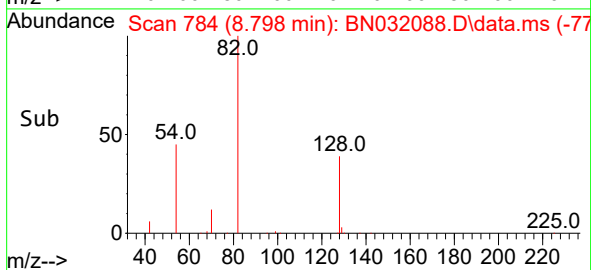
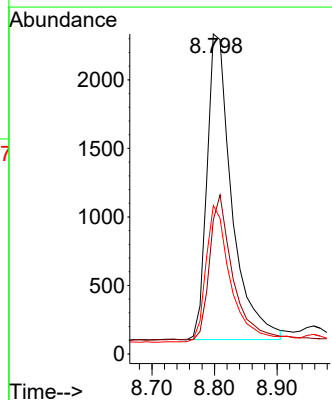
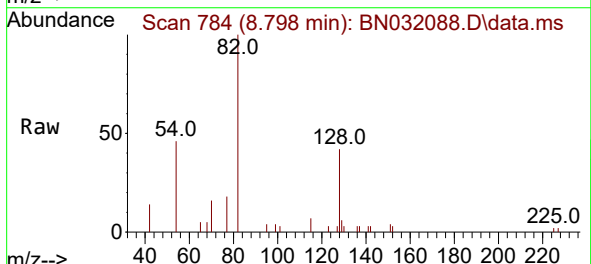
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-400-402

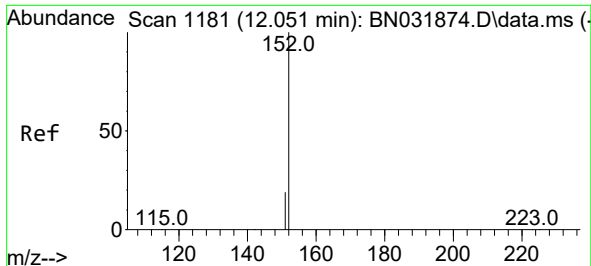
Tgt Ion:	136	Resp:	27223
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.6	5.6	8.4
68	5.9	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN032088.D
Acq: 20 Jun 2024 03:17

Tgt Ion:	82	Resp:	6150
Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.1	48.1
54	46.4	39.7	59.5





#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 12.017 min Scan# 1181

Delta R.T. -0.004 min

Lab File: BN032088.D

Acq: 20 Jun 2024 03:17

Instrument :

BNA_N

ClientSampleId :

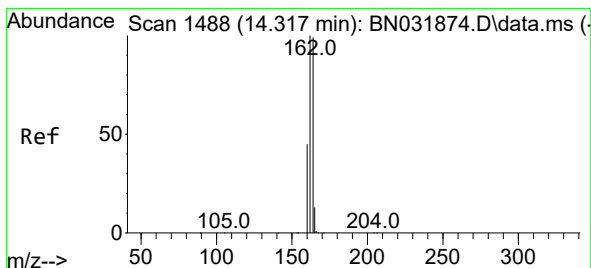
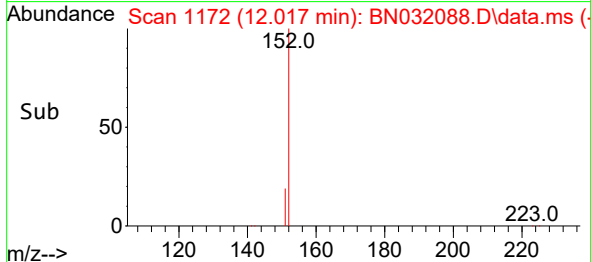
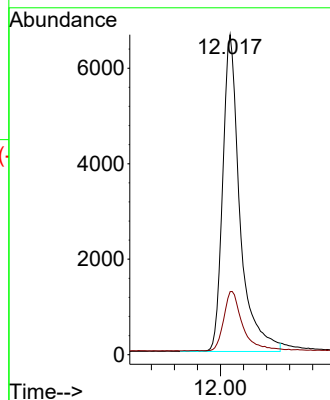
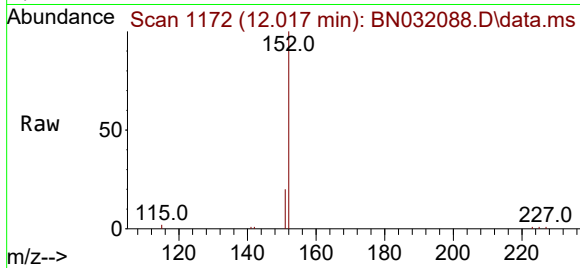
BP-VPB-196-GW-400-402

Tgt Ion:152 Resp: 13742

Ion Ratio Lower Upper

152 100

151 20.4 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: BN032088.D

Acq: 20 Jun 2024 03:17

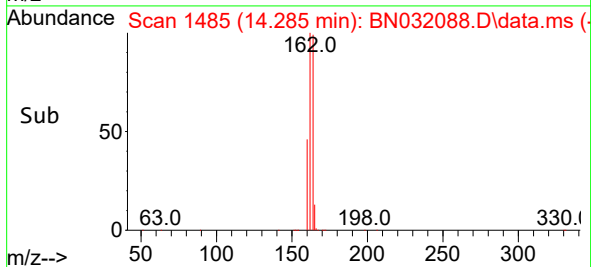
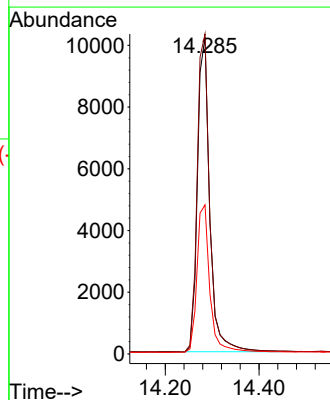
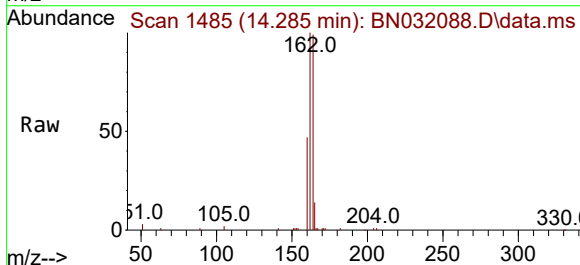
Tgt Ion:164 Resp: 18561

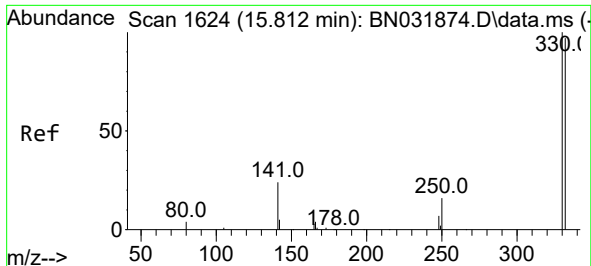
Ion Ratio Lower Upper

164 100

162 101.0 80.7 121.1

160 47.1 36.2 54.4

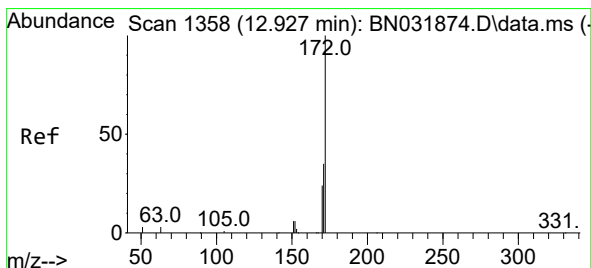
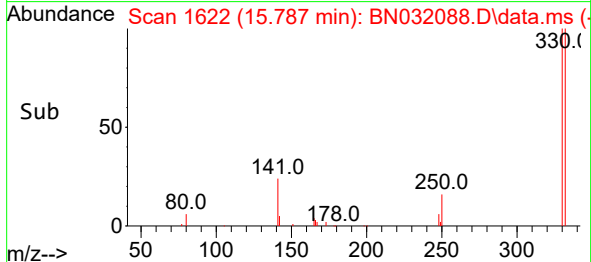
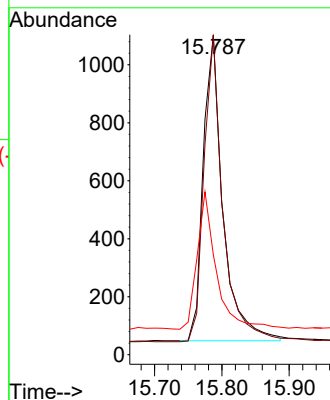
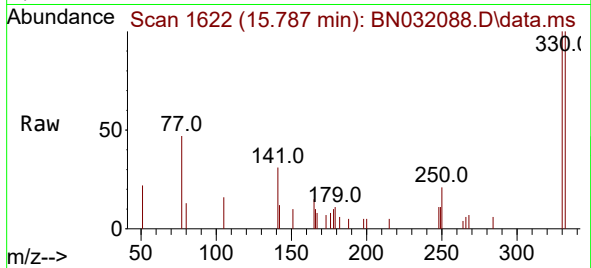




#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 15.787 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN032088.D
Acq: 20 Jun 2024 03:17

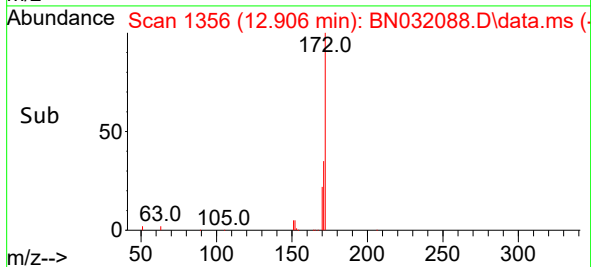
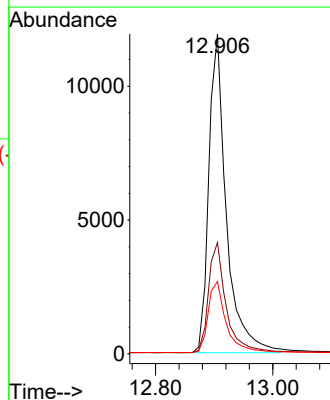
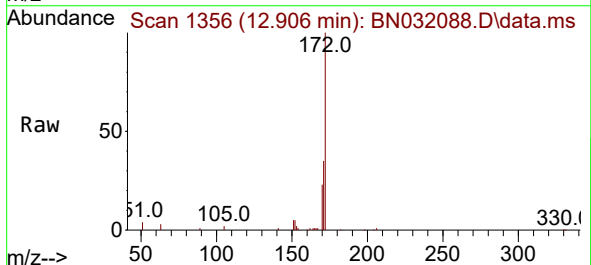
Instrument :
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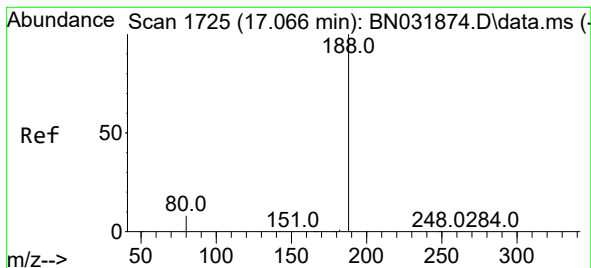
Tgt Ion:330 Resp: 2154
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 43.0 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.906 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BN032088.D
Acq: 20 Jun 2024 03:17

Tgt Ion:172 Resp: 24701
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 22.6 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.028 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN032088.D

Acq: 20 Jun 2024 03:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-400-402

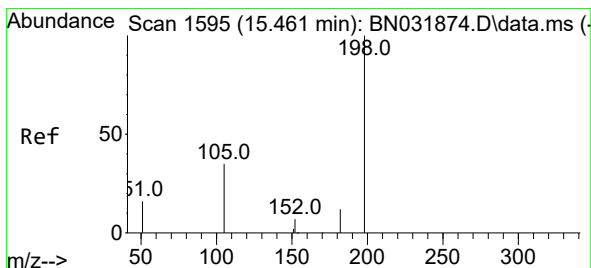
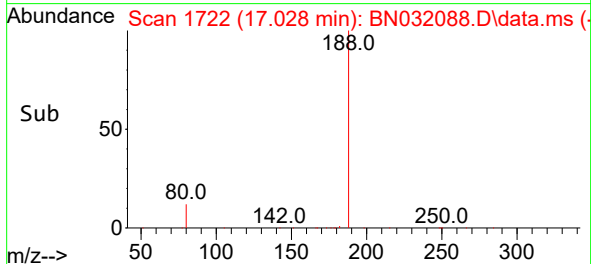
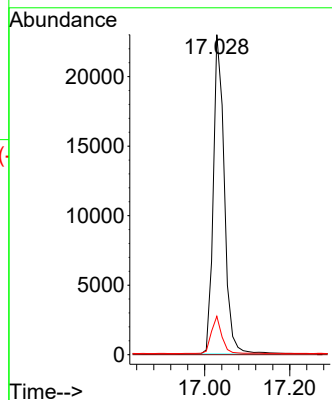
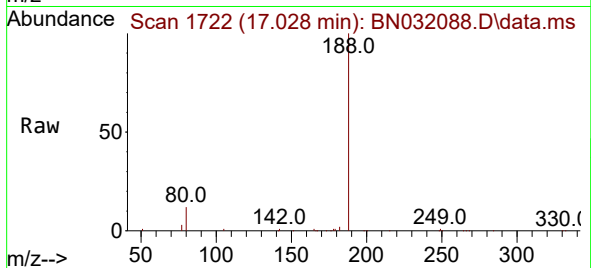
Tgt Ion:188 Resp: 41254

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 6.4 9.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.175 ng

RT: 15.471 min Scan# 1596

Delta R.T. 0.032 min

Lab File: BN032088.D

Acq: 20 Jun 2024 03:17

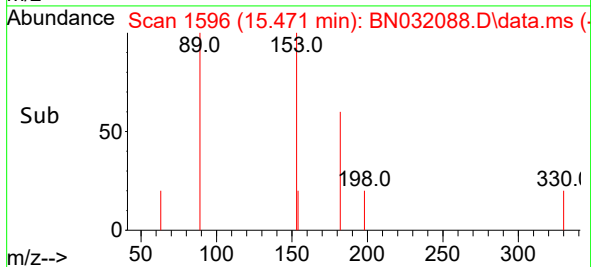
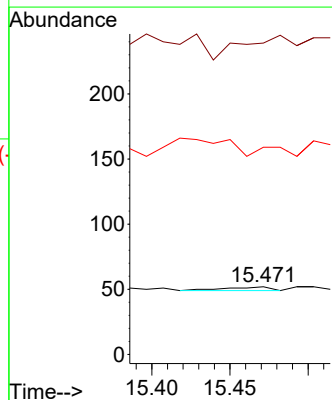
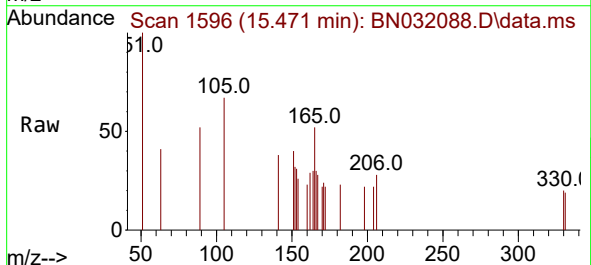
Tgt Ion:198 Resp: 6

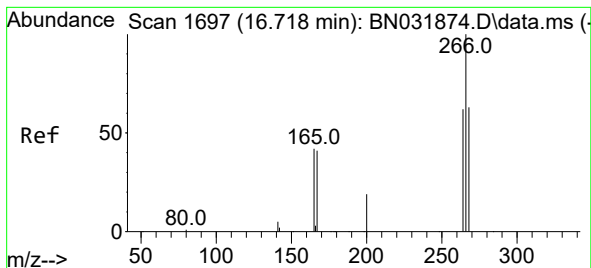
Ion Ratio Lower Upper

198 100

51 459.6 42.7 64.1#

105 305.8 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.172 ng

RT: 16.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN032088.D

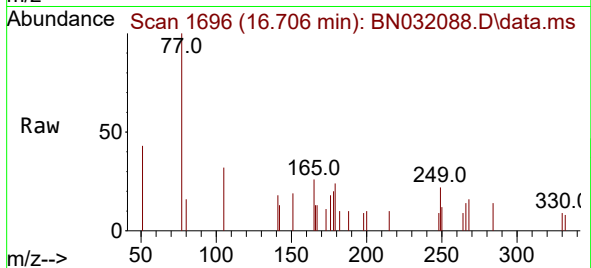
Acq: 20 Jun 2024 03:17

Instrument :

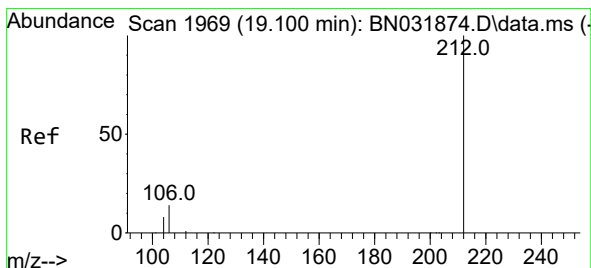
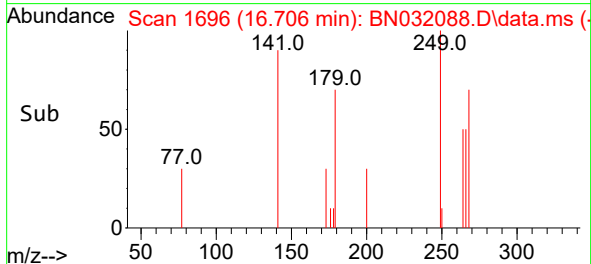
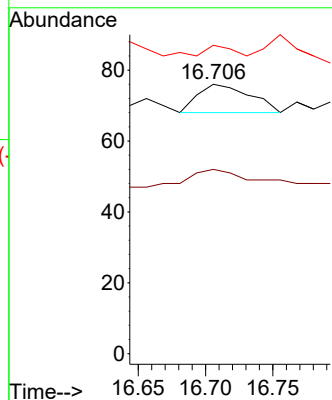
BNA_N

ClientSampleId :

BP-VPB-196-GW-400-402



Tgt Ion:	266	Resp:	22
Ion	Ratio	Lower	Upper
266	100		
264	77.3	50.0	75.0#
268	22.7	51.0	76.6#



#27

Fluoranthene-d10

Concen: 0.342 ng

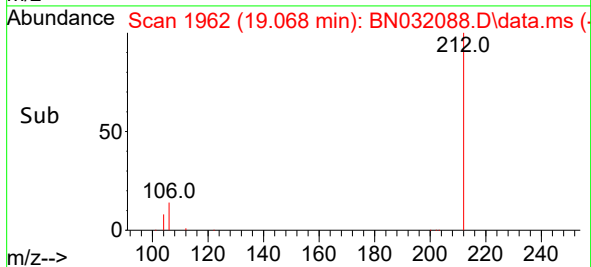
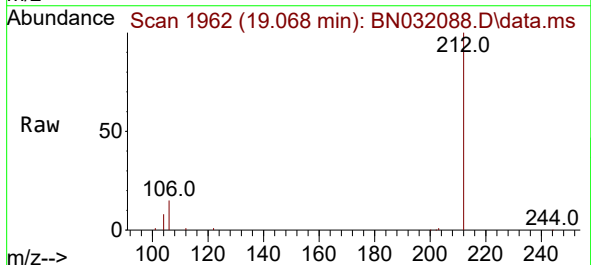
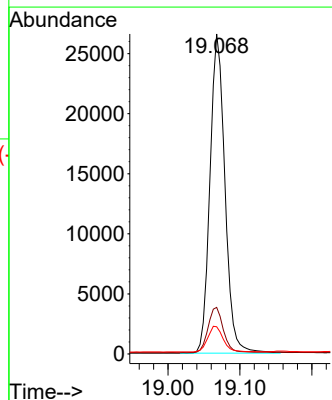
RT: 19.068 min Scan# 1962

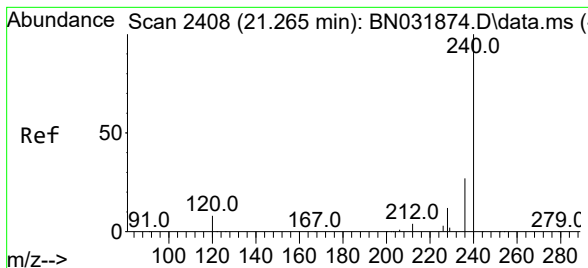
Delta R.T. -0.005 min

Lab File: BN032088.D

Acq: 20 Jun 2024 03:17

Tgt Ion:	212	Resp:	38401
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: BN032088.D

Acq: 20 Jun 2024 03:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-400-402

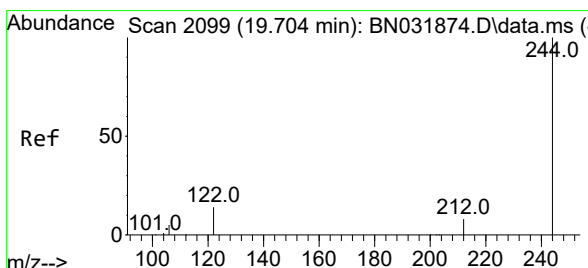
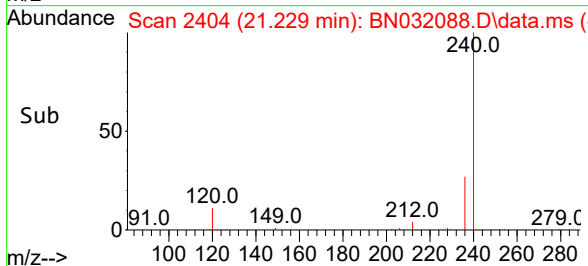
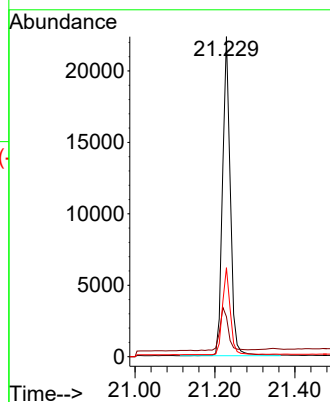
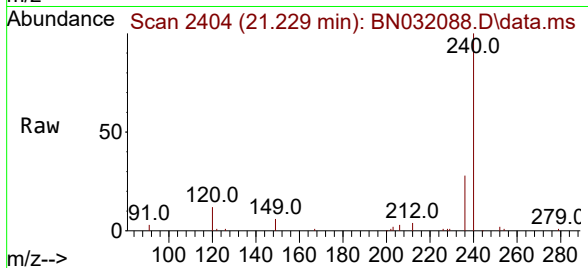
Tgt Ion:240 Resp: 29876

Ion Ratio Lower Upper

240 100

120 12.5 8.2 12.4#

236 27.8 21.8 32.8



#31

Terphenyl-d14

Concen: 0.565 ng

RT: 19.667 min Scan# 2091

Delta R.T. -0.005 min

Lab File: BN032088.D

Acq: 20 Jun 2024 03:17

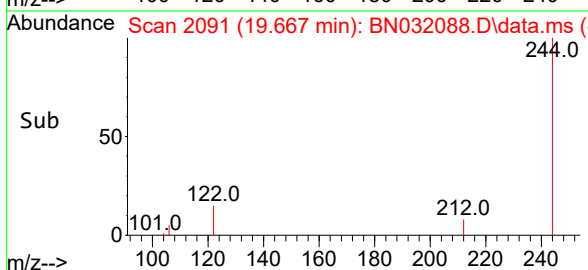
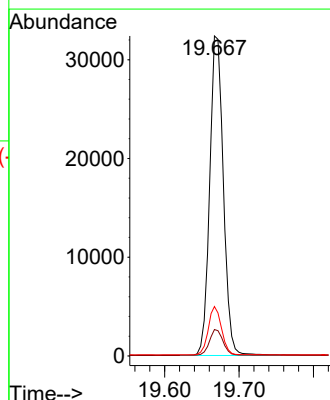
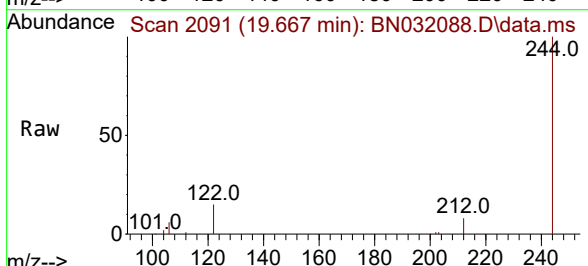
Tgt Ion:244 Resp: 41274

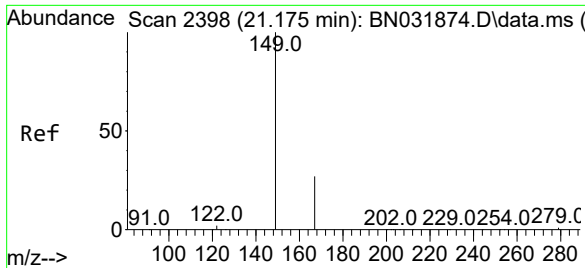
Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 15.4 11.4 17.0

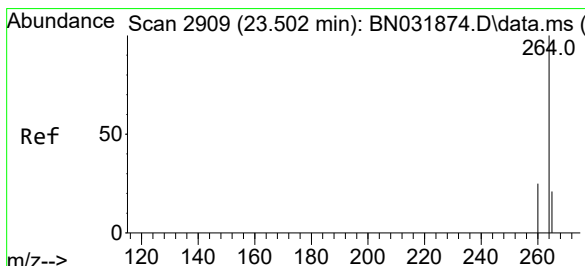
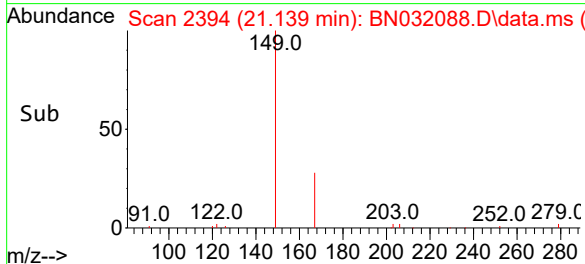
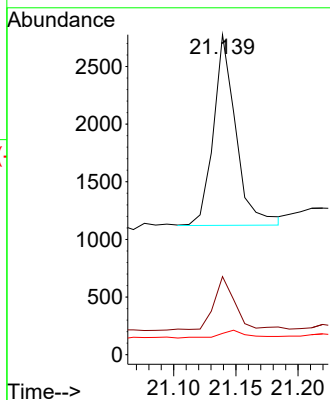
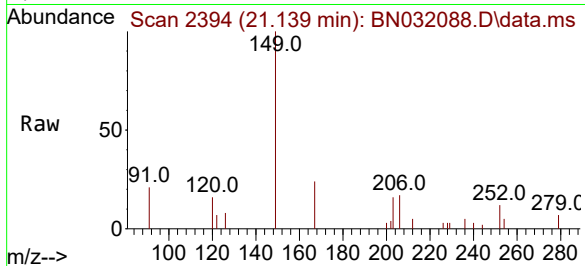




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.027 ng
 RT: 21.139 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN032088.D
 Acq: 20 Jun 2024 03:17

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-400-402

Tgt Ion:149 Resp: 2083
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.5 33.7
 279 4.8 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: BN032088.D
 Acq: 20 Jun 2024 03:17

Tgt Ion:264 Resp: 23922
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.5 30.7
 265 63.9 39.6 59.4#

