

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032152.D
 Acq On : 22 Jun 2024 04:22
 Operator : MA/JU
 Sample : P2891-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-440-442

Quant Time: Jun 22 05:31:44 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)

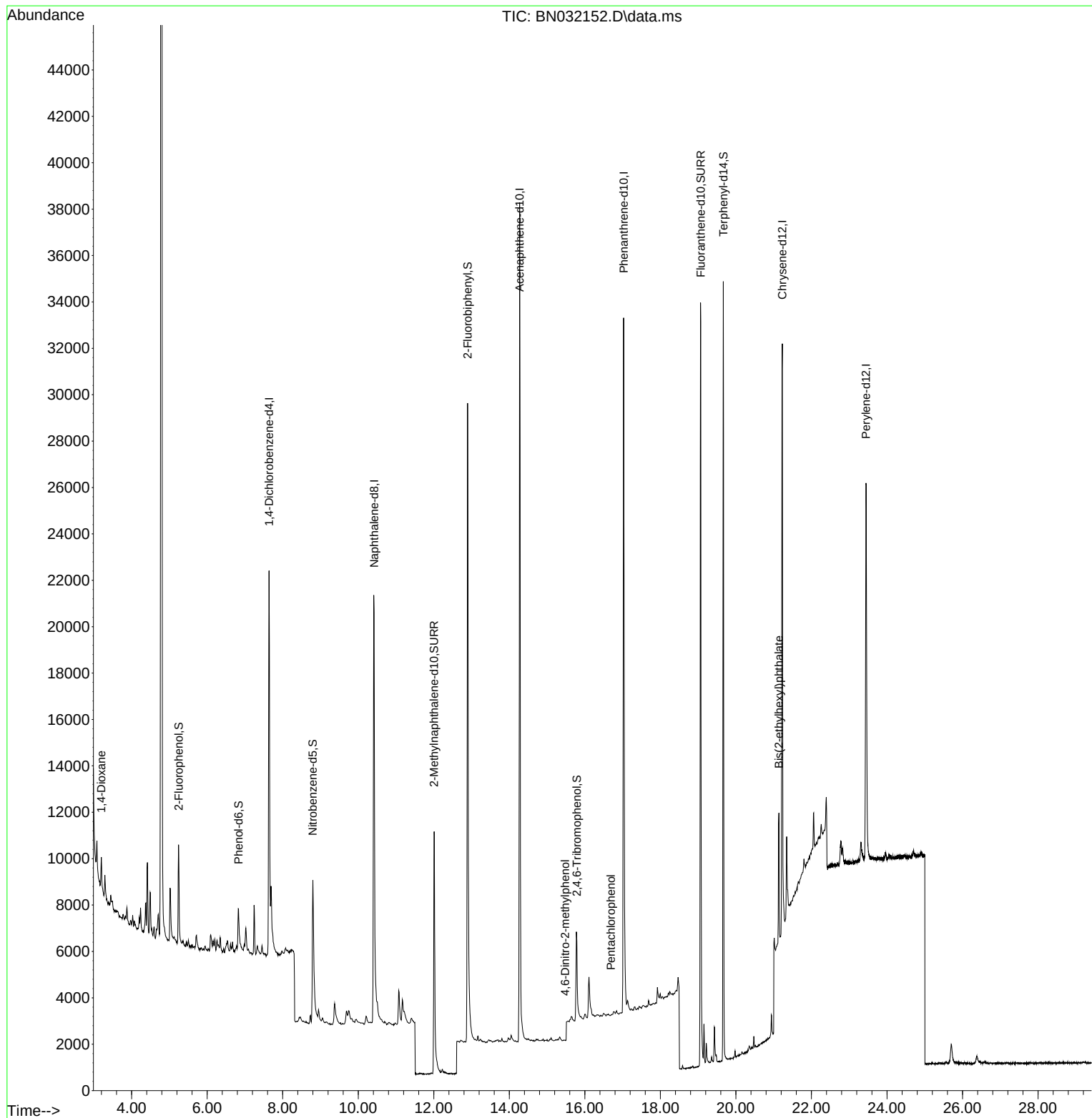
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	9775	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	33647	0.400	ng	# 0.00
13) Acenaphthene-d10	14.274	164	22560	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	46025	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	26687	0.400	ng	0.00
35) Perylene-d12	23.446	264	23955	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	4141	0.149	ng	0.00
5) Phenol-d6	6.830	99	3067	0.084	ng	0.00
8) Nitrobenzene-d5	8.798	82	8285	0.296	ng	0.00
11) 2-Methylnaphthalene-d10	12.009	152	18339	0.342	ng	-0.01
14) 2,4,6-Tribromophenol	15.787	330	2920	0.270	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	30246	0.353	ng	-0.01
27) Fluoranthene-d10	19.068	212	40458	0.323	ng	0.00
31) Terphenyl-d14	19.667	244	31946	0.490	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.197	88	946	0.079	ng	# 42
20) 4,6-Dinitro-2-methylph...	15.482	198	1	0.175	ng	# 1
24) Pentachlorophenol	16.693	266	54	0.174	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.139	149	5779	0.084	ng	# 99

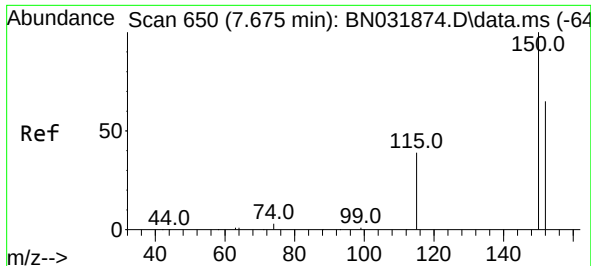
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
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BP-VPB-196-GW-440-442

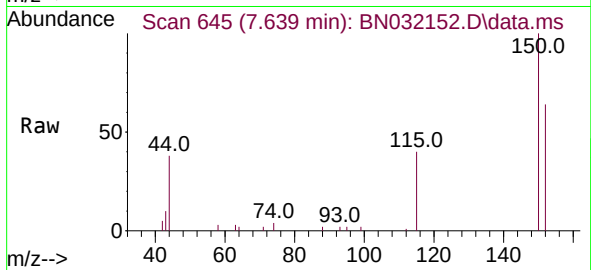
Quant Time: Jun 22 05:31:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



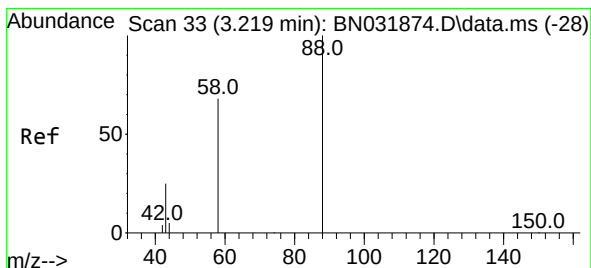
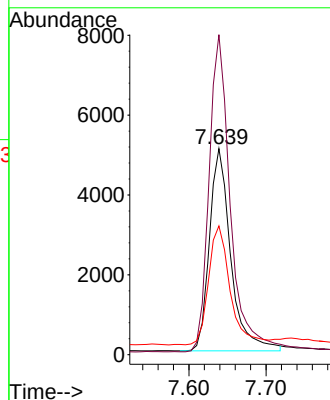
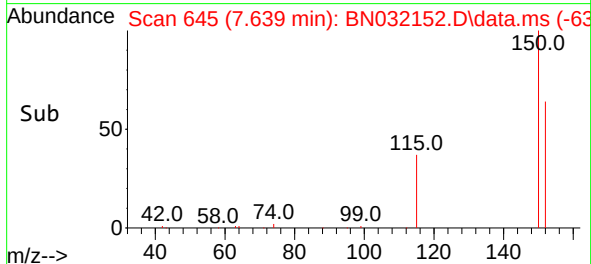


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.639 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN032152.D
 Acq: 22 Jun 2024 04:22

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-440-442

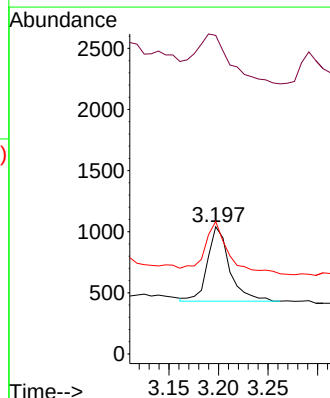
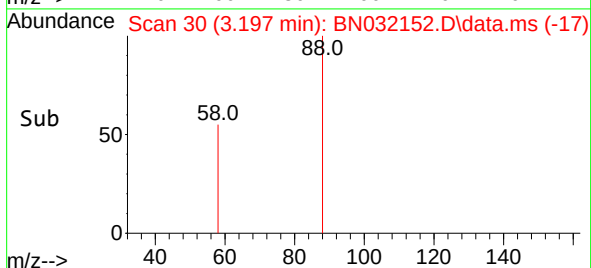
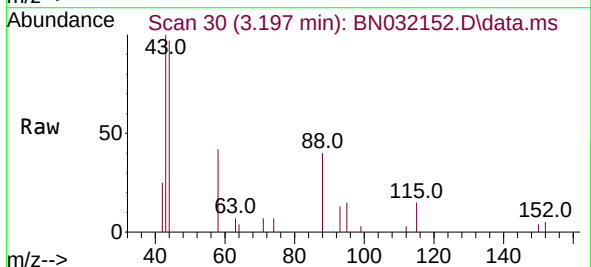


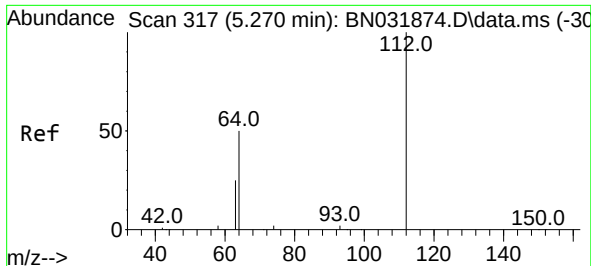
Tgt Ion:152 Resp: 9775
 Ion Ratio Lower Upper
 152 100
 150 155.2 121.0 181.4
 115 62.5 49.4 74.0



#2
 1,4-Dioxane
 Concen: 0.079 ng
 RT: 3.197 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN032152.D
 Acq: 22 Jun 2024 04:22

Tgt Ion: 88 Resp: 946
 Ion Ratio Lower Upper
 88 100
 43 108.1 22.7 34.1#
 58 77.8 51.3 76.9#

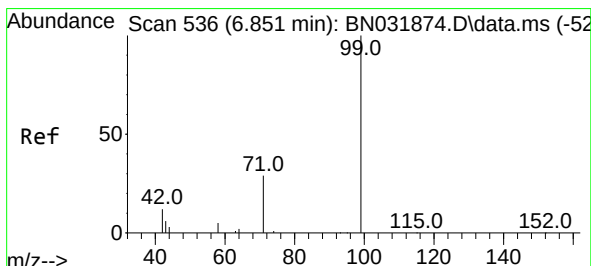
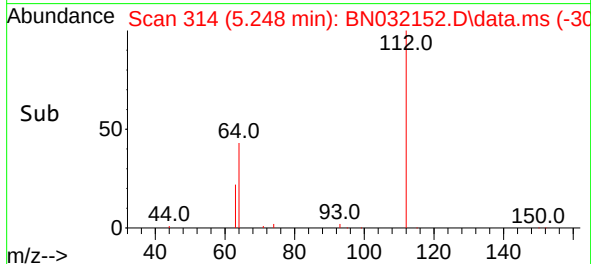
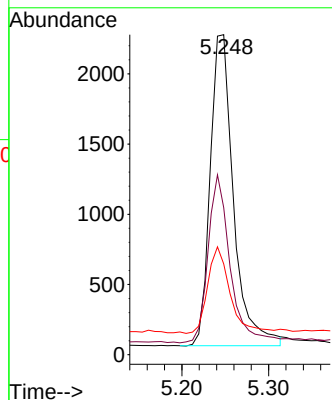
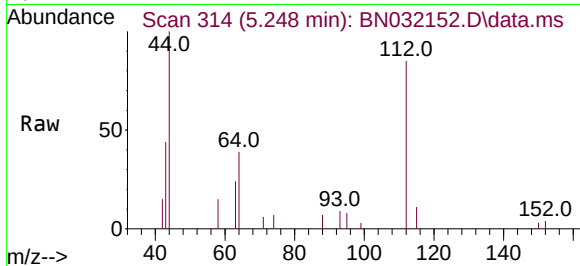




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.248 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN032152.D
Acq: 22 Jun 2024 04:22

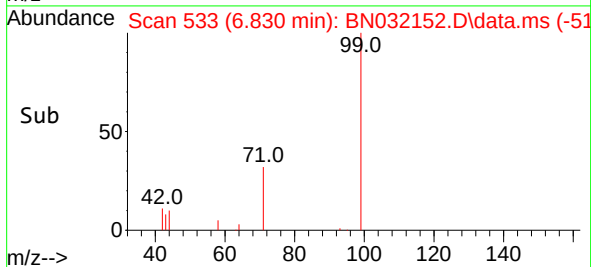
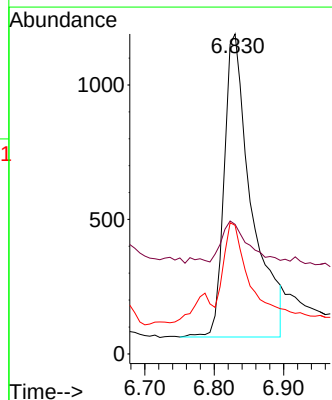
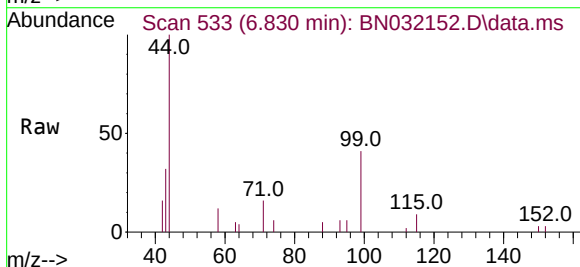
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-440-442

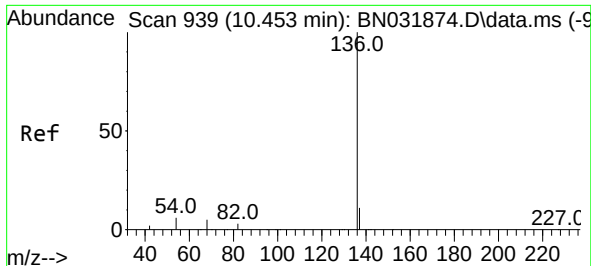
Tgt Ion:112 Resp: 4141
Ion Ratio Lower Upper
112 100
64 50.9 42.4 63.6
63 26.7 22.1 33.1



#5
Phenol-d6
Concen: 0.084 ng
RT: 6.830 min Scan# 533
Delta R.T. -0.000 min
Lab File: BN032152.D
Acq: 22 Jun 2024 04:22

Tgt Ion: 99 Resp: 3067
Ion Ratio Lower Upper
99 100
42 12.7 12.8 19.2#
71 24.2 25.4 38.2#

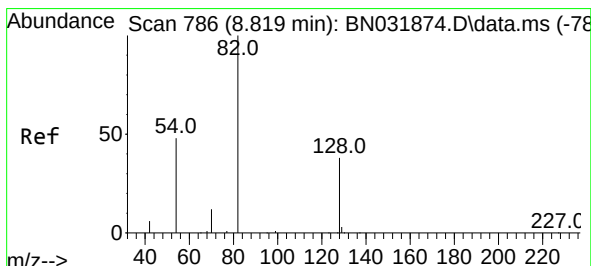
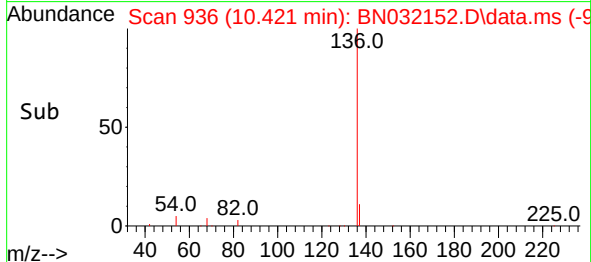
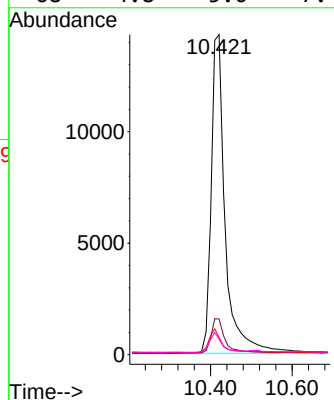
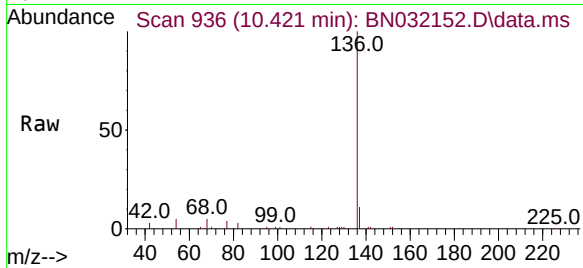




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN032152.D
Acq: 22 Jun 2024 04:22

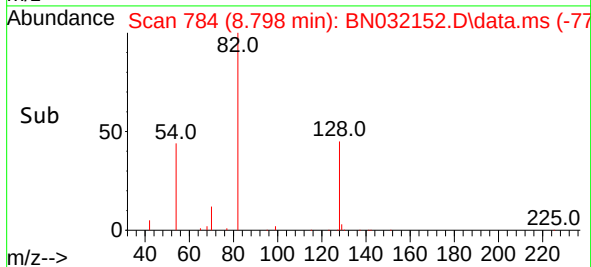
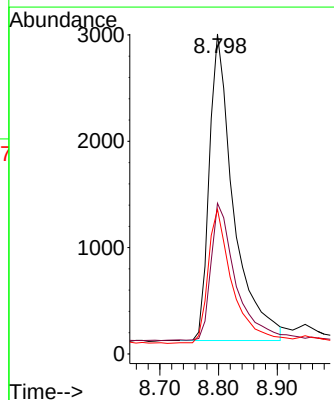
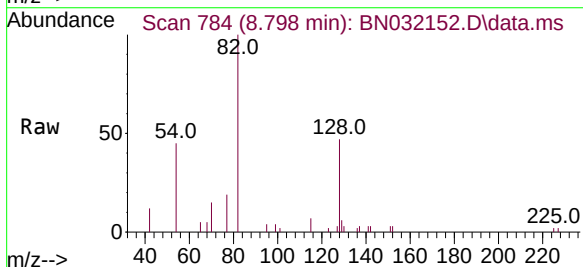
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-440-442

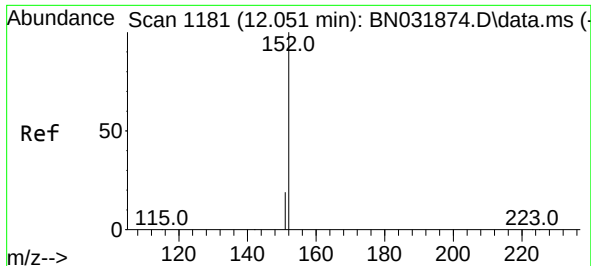
Tgt Ion:	136	Resp:	33647
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.4	5.6	8.4#
68	4.8	5.0	7.4#



#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN032152.D
Acq: 22 Jun 2024 04:22

Tgt Ion:	82	Resp:	8285
Ion	Ratio	Lower	Upper
82	100		
128	47.1	32.1	48.1
54	45.2	39.7	59.5





#11

2-Methylnaphthalene-d10

Concen: 0.342 ng

RT: 12.009 min Scan# 1181

Delta R.T. -0.011 min

Lab File: BN032152.D

Acq: 22 Jun 2024 04:22

Instrument :

BNA_N

ClientSampleId :

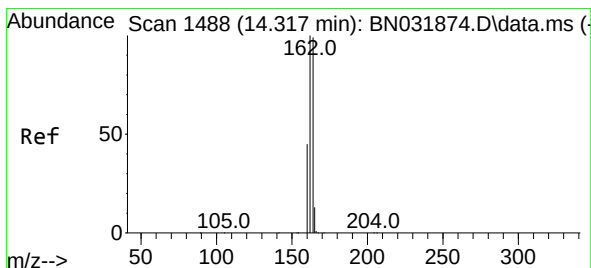
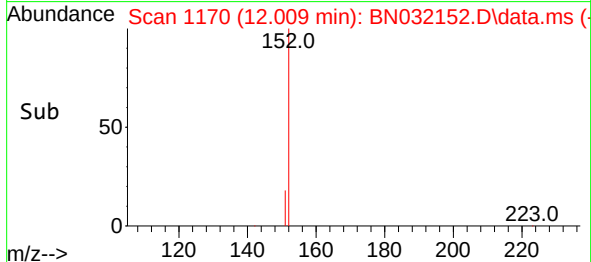
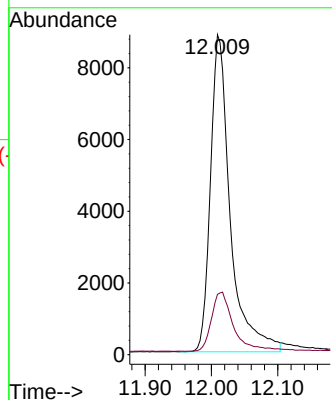
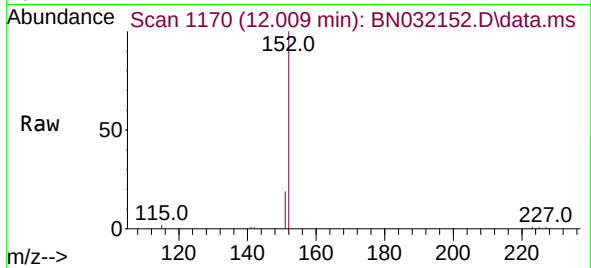
BP-VPB-196-GW-440-442

Tgt Ion:152 Resp: 18339

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.274 min Scan# 1484

Delta R.T. -0.011 min

Lab File: BN032152.D

Acq: 22 Jun 2024 04:22

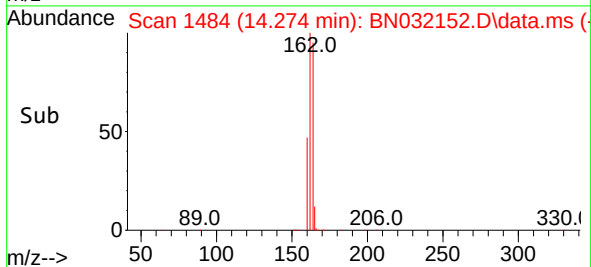
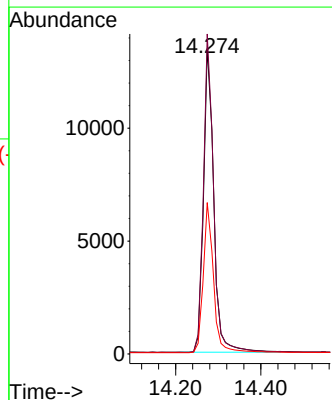
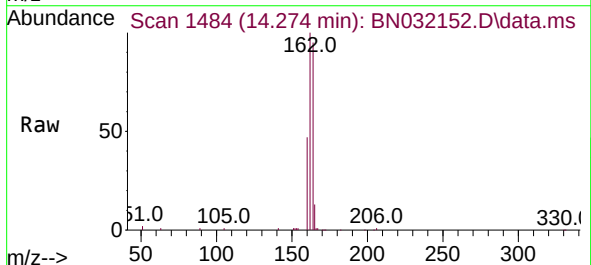
Tgt Ion:164 Resp: 22560

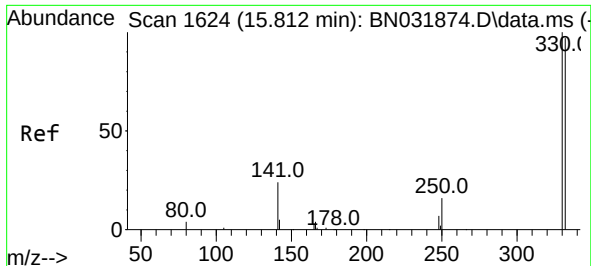
Ion Ratio Lower Upper

164 100

162 104.8 80.7 121.1

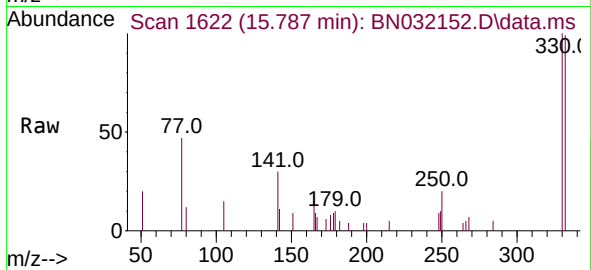
160 49.6 36.2 54.4



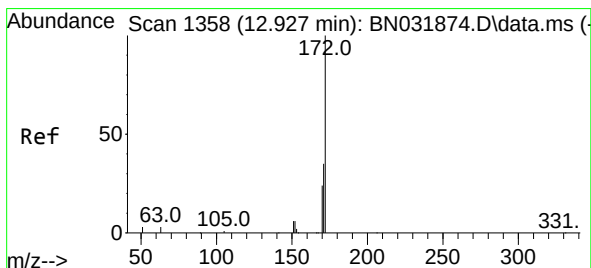
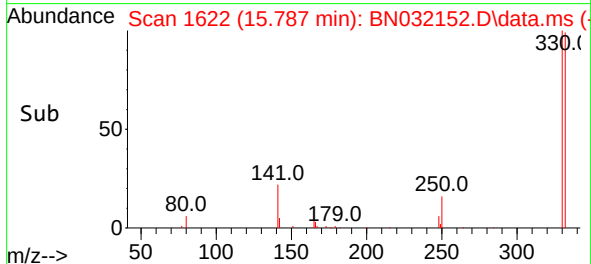
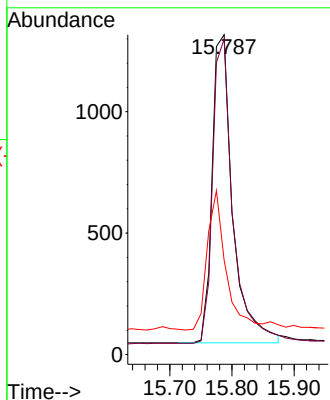


#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.787 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN032152.D
Acq: 22 Jun 2024 04:22

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-440-442

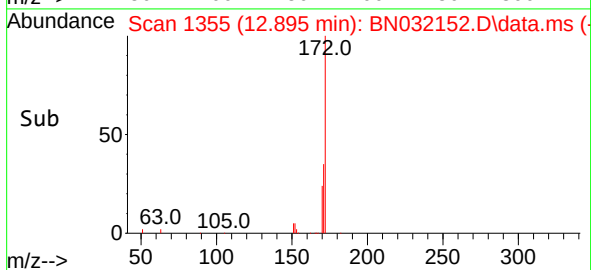
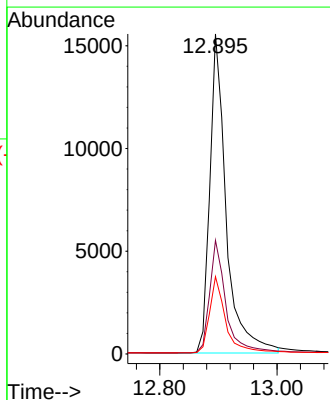
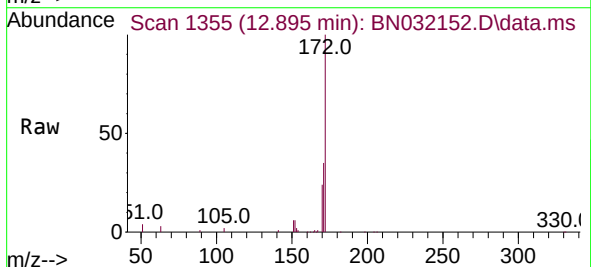


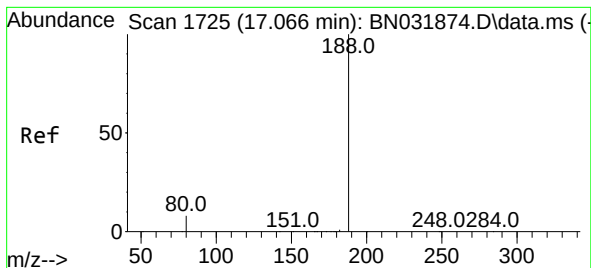
Tgt Ion:330 Resp: 2920
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 42.8 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032152.D
Acq: 22 Jun 2024 04:22

Tgt Ion:172 Resp: 30246
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 24.2 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.029 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN032152.D

Acq: 22 Jun 2024 04:22

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-440-442

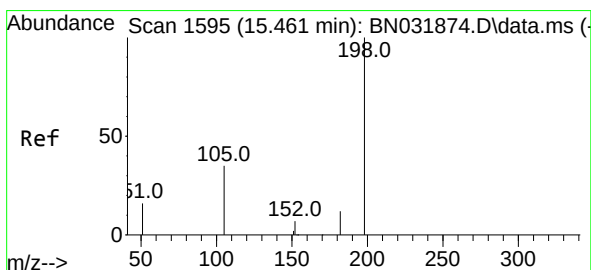
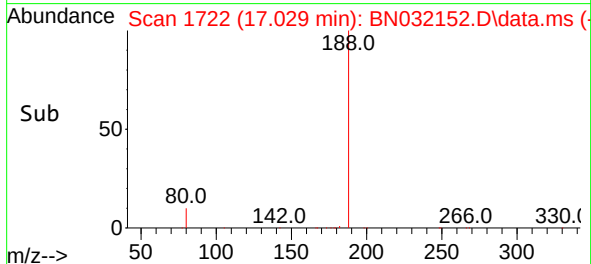
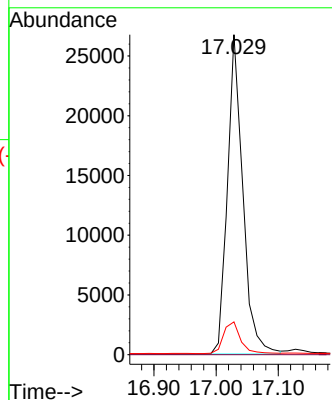
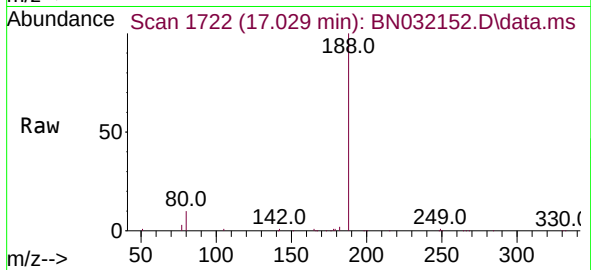
Tgt Ion:188 Resp: 46025

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 6.4 9.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.175 ng

RT: 15.482 min Scan# 1597

Delta R.T. 0.043 min

Lab File: BN032152.D

Acq: 22 Jun 2024 04:22

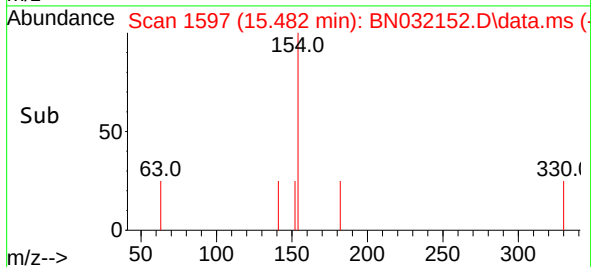
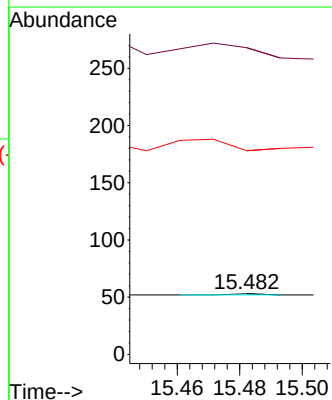
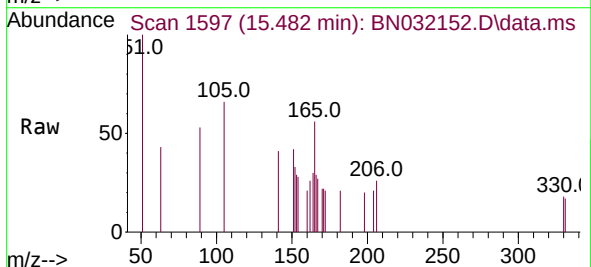
Tgt Ion:198 Resp: 1

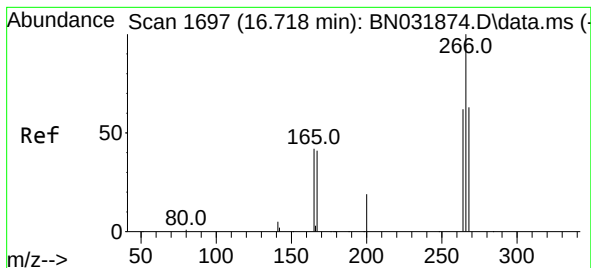
Ion Ratio Lower Upper

198 100

51 505.7 42.7 64.1#

105 335.8 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.174 ng

RT: 16.693 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN032152.D

Acq: 22 Jun 2024 04:22

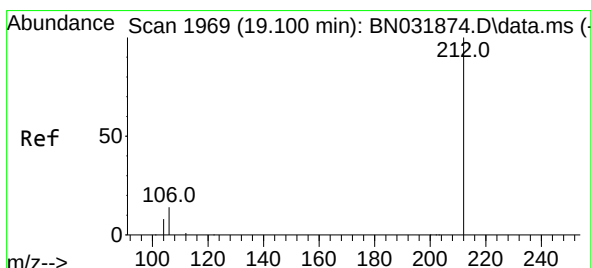
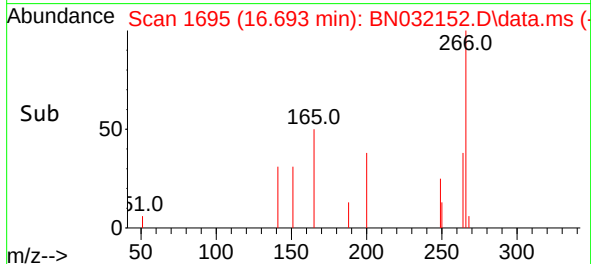
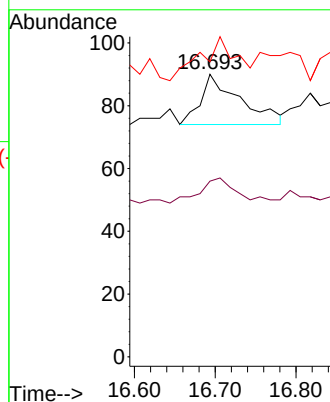
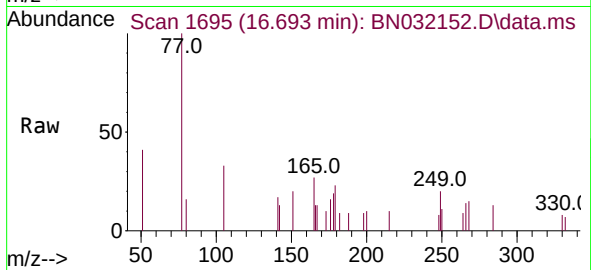
Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-440-442

Tgt Ion:	266	Resp:	54
Ion Ratio	Lower	Upper	
266	100		
264	31.5	50.0	75.0#
268	79.6	51.0	76.6#



#27

Fluoranthene-d10

Concen: 0.323 ng

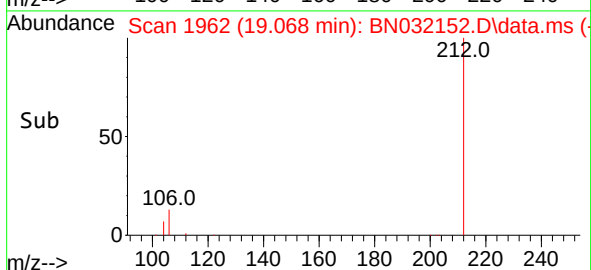
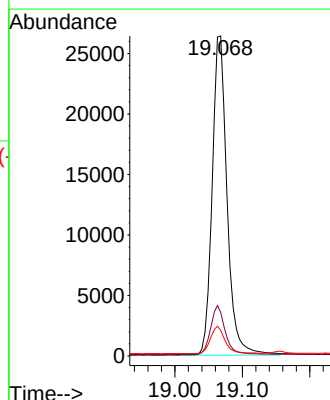
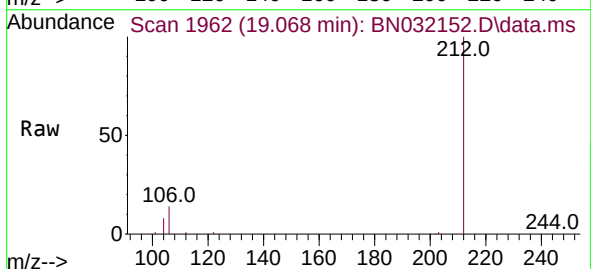
RT: 19.068 min Scan# 1962

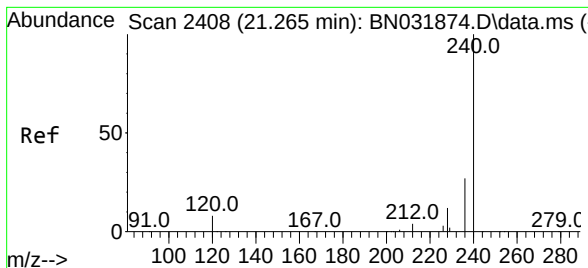
Delta R.T. -0.005 min

Lab File: BN032152.D

Acq: 22 Jun 2024 04:22

Tgt Ion:	212	Resp:	40458
Ion Ratio	Lower	Upper	
212	100		
106	14.9	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: BN032152.D

Acq: 22 Jun 2024 04:22

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-440-442

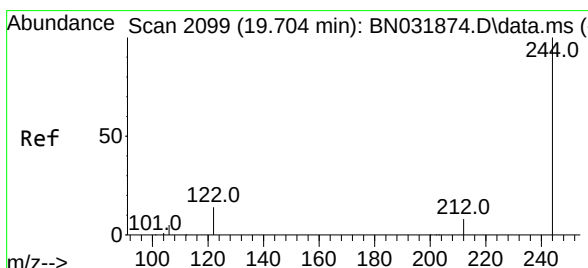
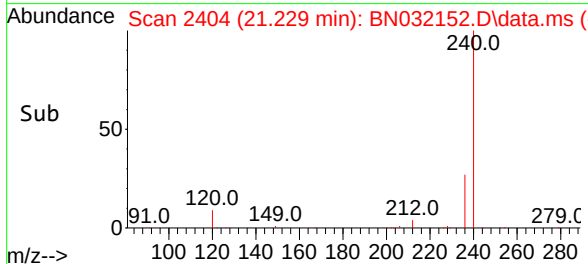
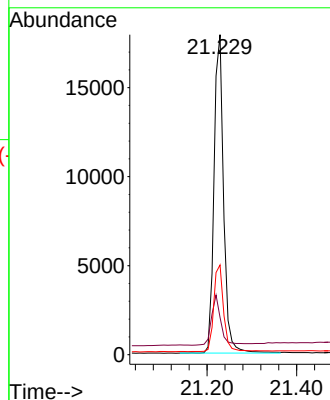
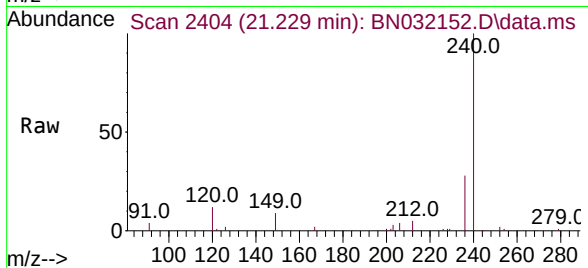
Tgt Ion:240 Resp: 26687

Ion Ratio Lower Upper

240 100

120 11.7 8.2 12.4

236 28.0 21.8 32.8



#31

Terphenyl-d14

Concen: 0.490 ng

RT: 19.667 min Scan# 2091

Delta R.T. -0.005 min

Lab File: BN032152.D

Acq: 22 Jun 2024 04:22

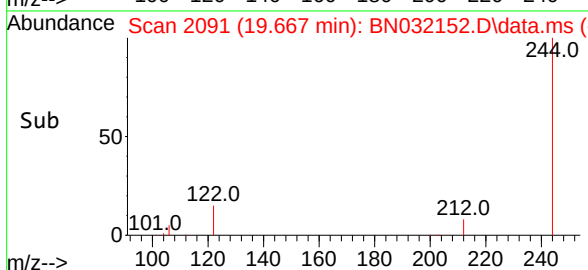
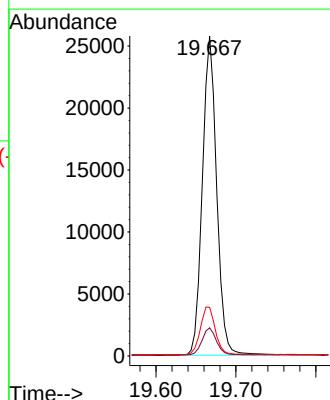
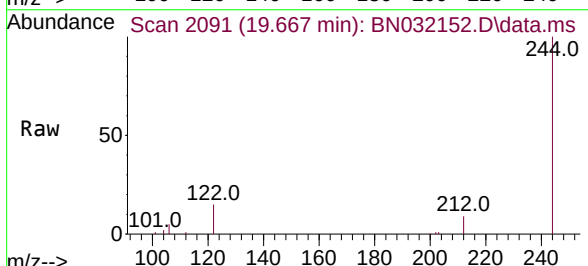
Tgt Ion:244 Resp: 31946

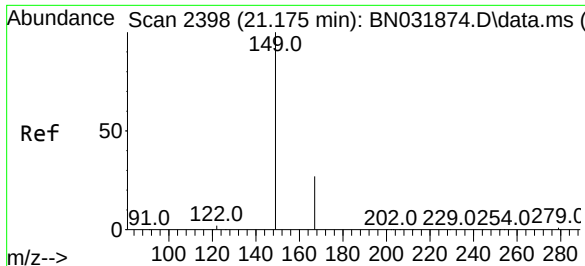
Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

122 15.2 11.4 17.0

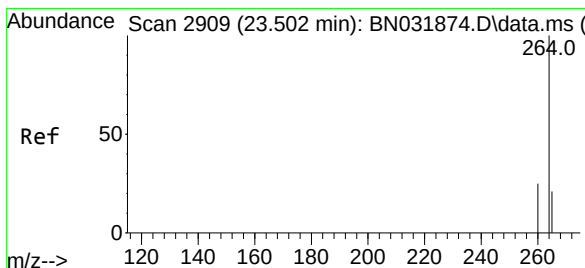
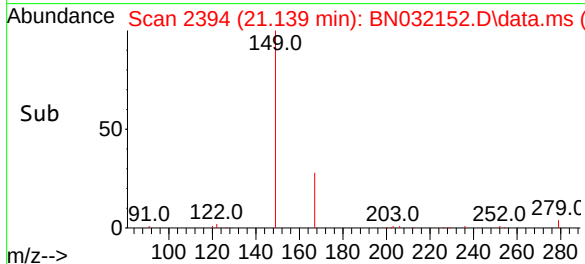
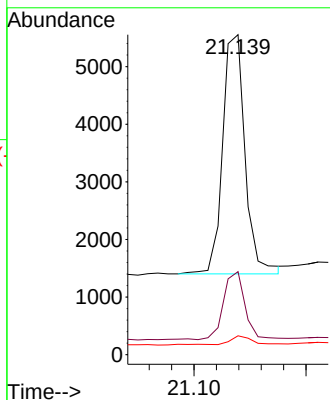
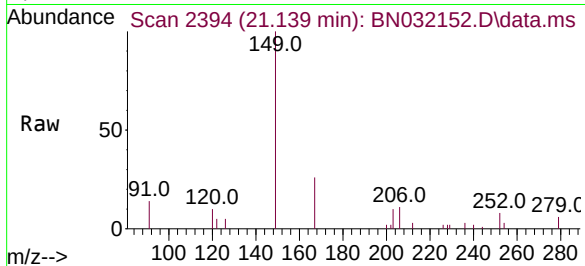




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 21.139 min Scan# 21139
Delta R.T. -0.009 min
Lab File: BN032152.D
Acq: 22 Jun 2024 04:22

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-440-442

Tgt Ion:149 Resp: 5779
Ion Ratio Lower Upper
149 100
167 27.6 22.5 33.7
279 4.5 2.9 4.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.446 min Scan# 2890
Delta R.T. -0.006 min
Lab File: BN032152.D
Acq: 22 Jun 2024 04:22

Tgt Ion:264 Resp: 23955
Ion Ratio Lower Upper
264 100
260 26.3 20.5 30.7
265 76.8 39.6 59.4#

