

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
 Data File : BN031882.D
 Acq On : 10 Jun 2024 17:50
 Operator : MA/JU
 Sample : P2771-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 Field Sampling Hourly Rate

Quant Time: Jun 10 19:16:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 15:47:32 2024
 Response via : Initial Calibration

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

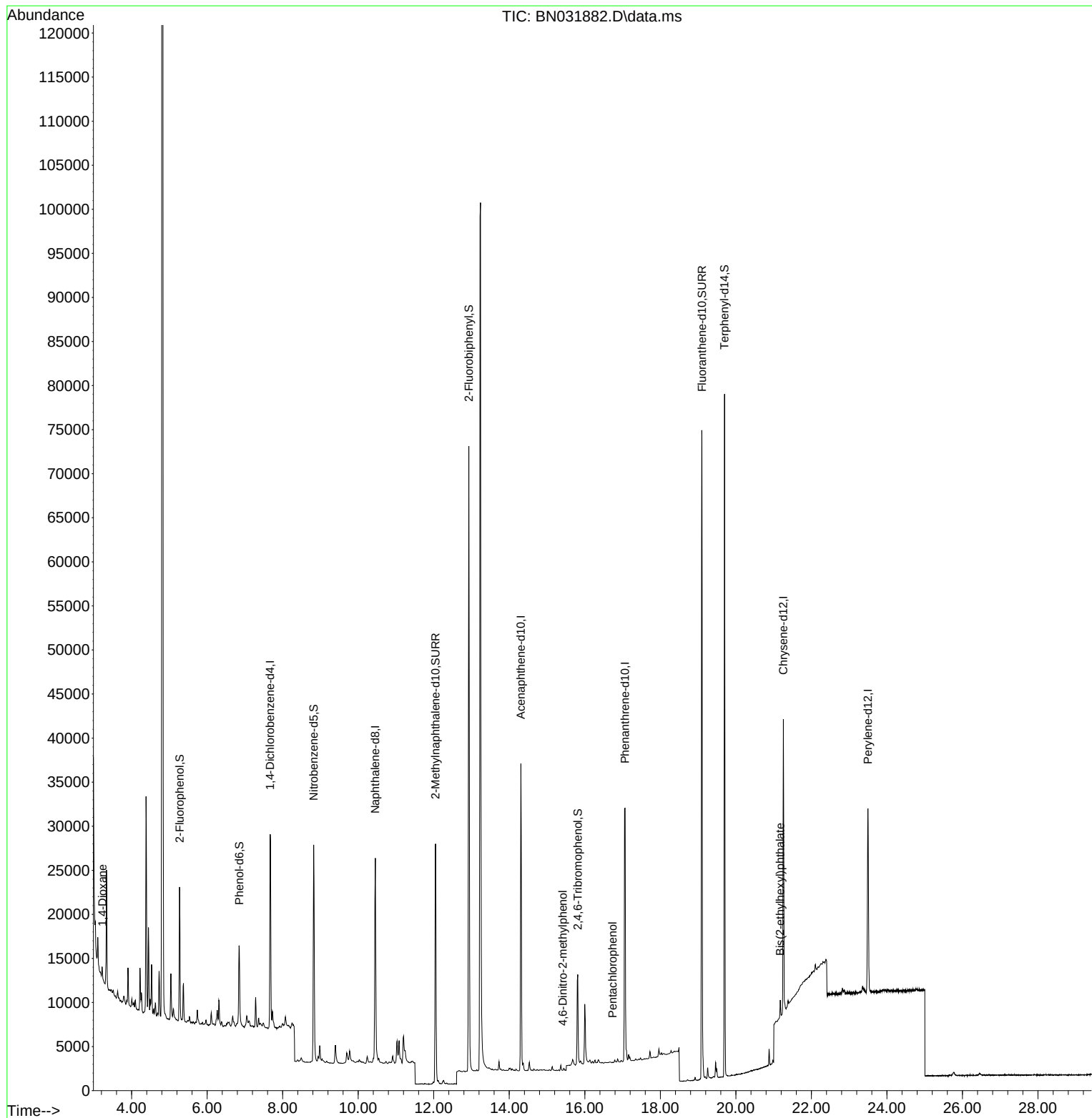
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.668	152	11265	0.400	ng	0.00
7) Naphthalene-d8	10.453	136	34629	0.400	ng	0.00
13) Acenaphthene-d10	14.306	164	21081	0.400	ng	-0.01
19) Phenanthrene-d10	17.066	188	45920	0.400	ng	0.00
29) Chrysene-d12	21.256	240	30711	0.400	ng	# 0.00
35) Perylene-d12	23.496	264	27116	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.270	112	12361	0.386	ng	0.00
5) Phenol-d6	6.852	99	10475	0.249	ng	0.00
8) Nitrobenzene-d5	8.820	82	21745	0.756	ng	0.00
11) 2-Methylnaphthalene-d10	12.047	152	40044	0.726	ng	0.00
14) 2,4,6-Tribromophenol	15.812	330	6744	0.667	ng	0.00
15) 2-Fluorobiphenyl	12.927	172	63385	0.793	ng	0.00
27) Fluoranthene-d10	19.100	212	85196	0.682	ng	0.00
31) Terphenyl-d14	19.700	244	71457	0.952	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	535	0.039	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.418	198	26	0.177	ng	# 1
24) Pentachlorophenol	16.731	266	34	0.172	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.175	149	2394	0.030	ng	# 97

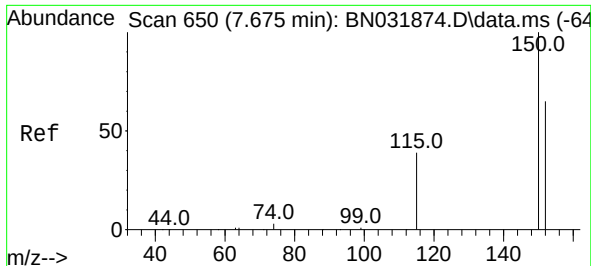
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
Data File : BN031882.D
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Operator : MA/JU
Sample : P2771-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
Field Sampling Hourly Rate

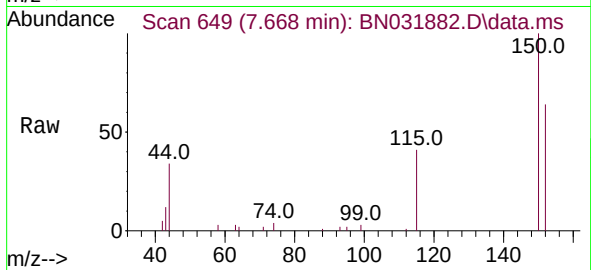
Quant Time: Jun 10 19:16:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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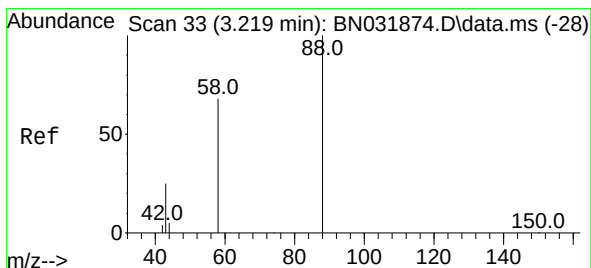
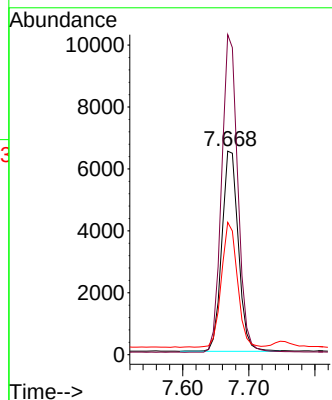
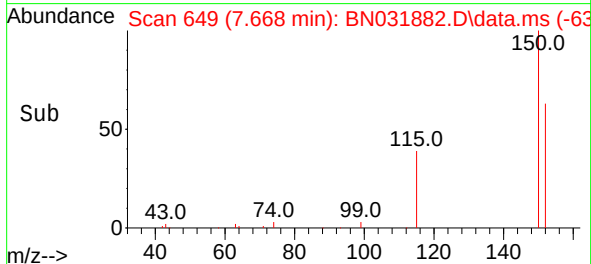


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.668 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN031882.D
Acq: 10 Jun 2024 17:50

Instrument :
BNA_N
ClientSampleId :
Field Sampling Hourly Rate

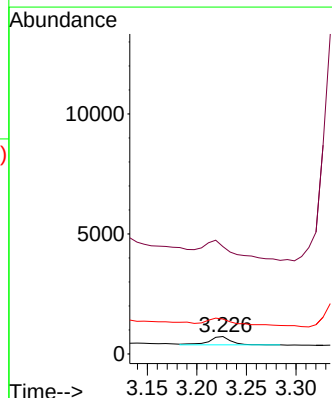
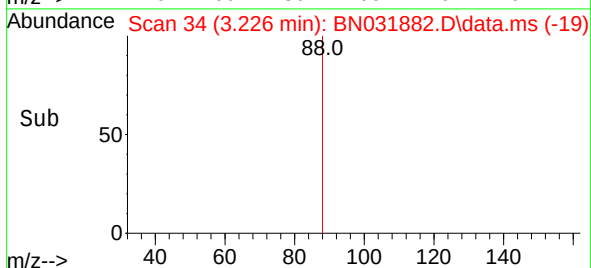
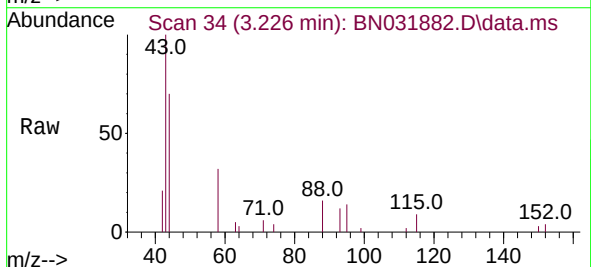


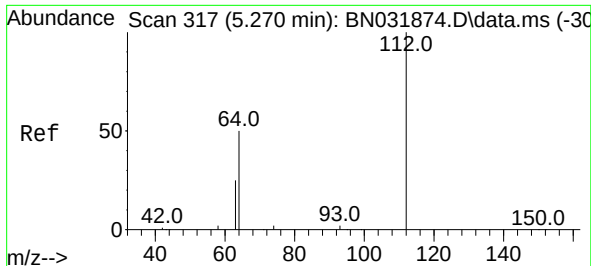
Tgt Ion:152 Resp: 11265
Ion Ratio Lower Upper
152 100
150 157.3 121.0 181.4
115 65.0 49.4 74.0



#2
1,4-Dioxane
Concen: 0.039 ng
RT: 3.226 min Scan# 34
Delta R.T. 0.007 min
Lab File: BN031882.D
Acq: 10 Jun 2024 17:50

Tgt Ion: 88 Resp: 535
Ion Ratio Lower Upper
88 100
43 315.3 22.7 34.1#
58 107.1 51.3 76.9#

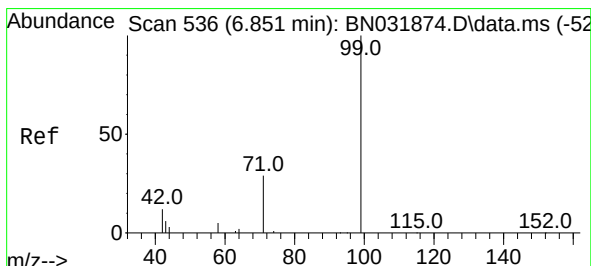
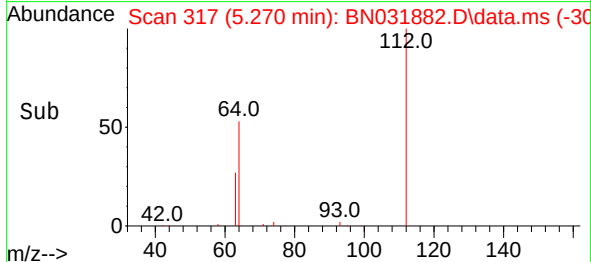
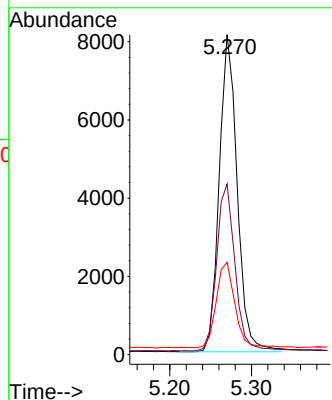
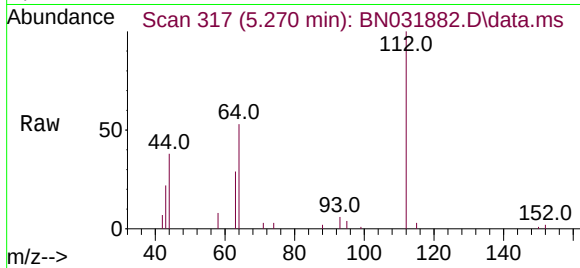




#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.270 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN031882.D
Acq: 10 Jun 2024 17:50

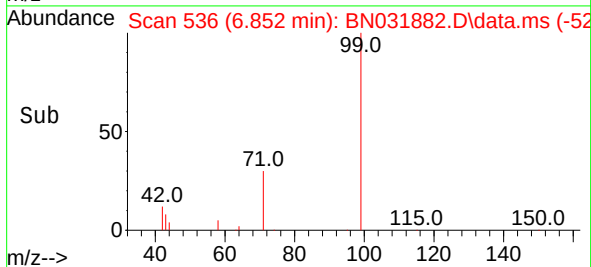
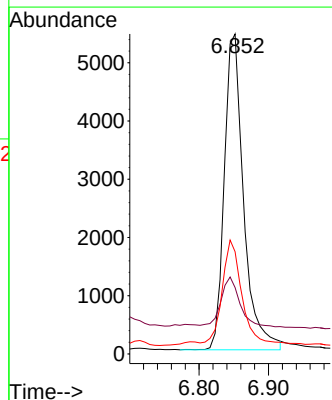
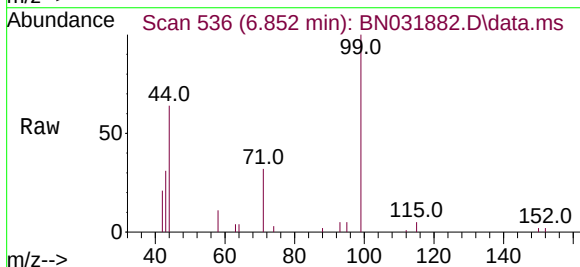
Instrument :
BNA_N
ClientSampleId :
Field Sampling Hourly Rate

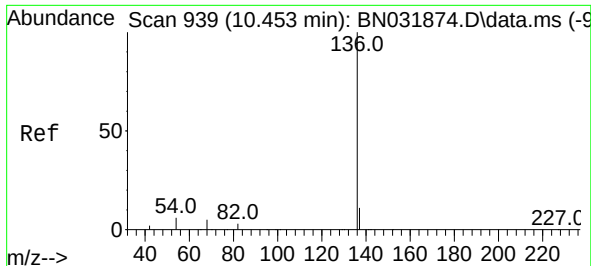
Tgt Ion:112 Resp: 12361
Ion Ratio Lower Upper
112 100
64 53.5 42.4 63.6
63 28.0 22.1 33.1



#5
Phenol-d6
Concen: 0.249 ng
RT: 6.852 min Scan# 536
Delta R.T. 0.000 min
Lab File: BN031882.D
Acq: 10 Jun 2024 17:50

Tgt Ion: 99 Resp: 10475
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 32.3 25.4 38.2

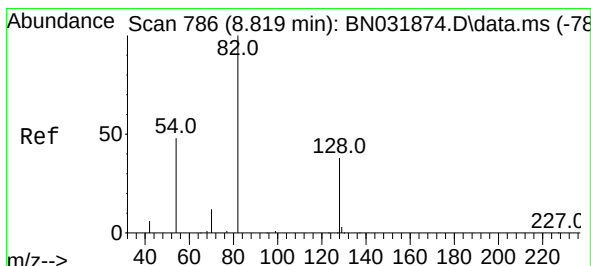
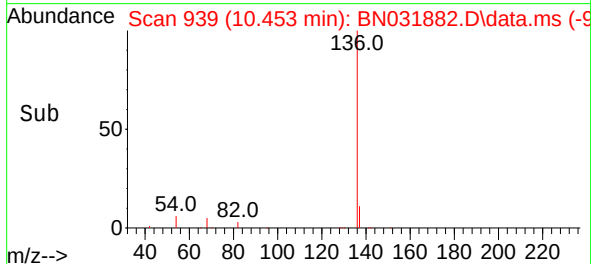
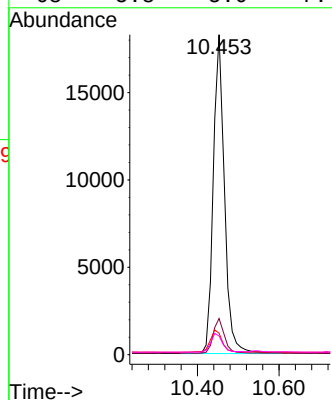
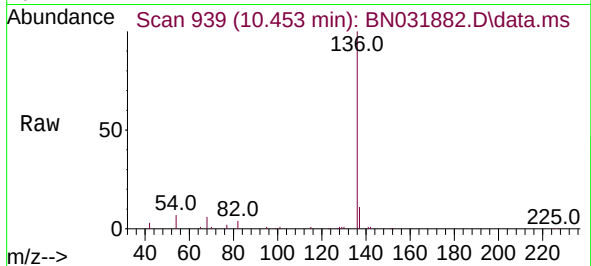




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.453 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN031882.D
Acq: 10 Jun 2024 17:50

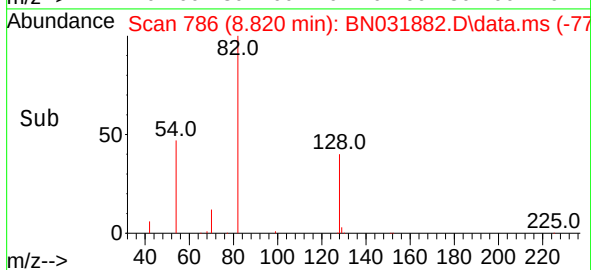
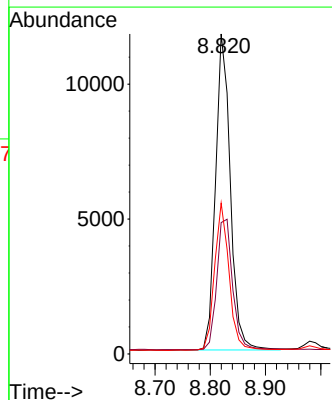
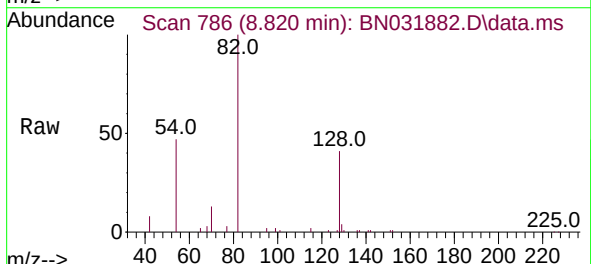
Instrument :
BNA_N
ClientSampleId :
Field Sampling Hourly Rate

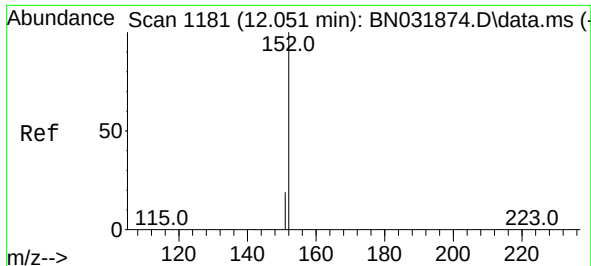
Tgt Ion:	136	Resp:	34629
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	6.7	5.6	8.4
68	5.8	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.756 ng
RT: 8.820 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN031882.D
Acq: 10 Jun 2024 17:50

Tgt Ion:	82	Resp:	21745
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.1	48.1
54	47.2	39.7	59.5





#11

2-Methylnaphthalene-d10

Concen: 0.726 ng

RT: 12.047 min Scan# 1181

Delta R.T. -0.004 min

Lab File: BN031882.D

Acq: 10 Jun 2024 17:50

Instrument :

BNA_N

ClientSampleId :

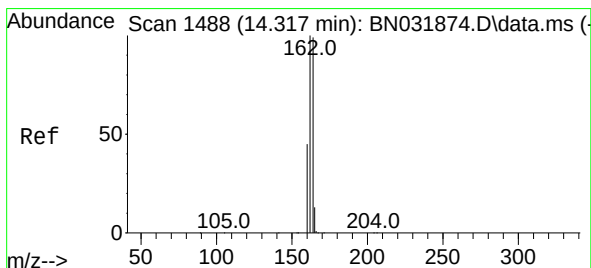
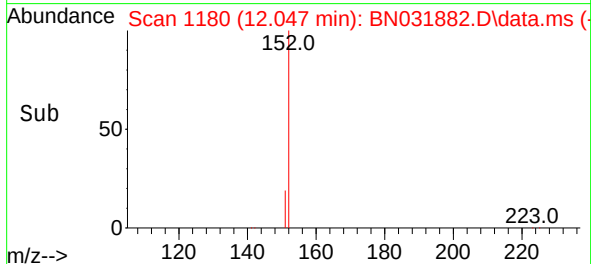
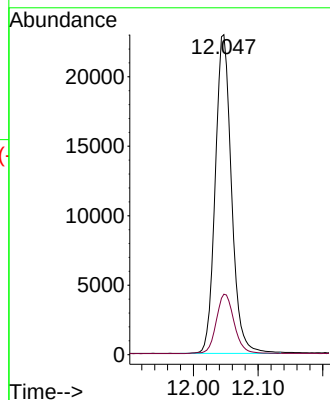
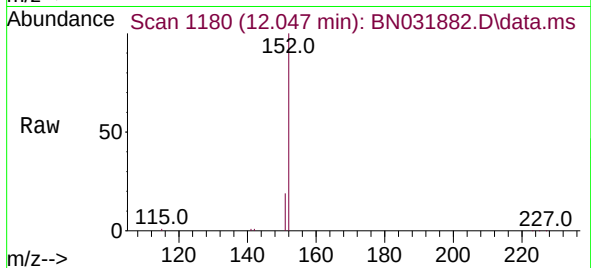
Field Sampling Hourly Rate

Tgt Ion:152 Resp: 40044

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.306 min Scan# 1487

Delta R.T. -0.010 min

Lab File: BN031882.D

Acq: 10 Jun 2024 17:50

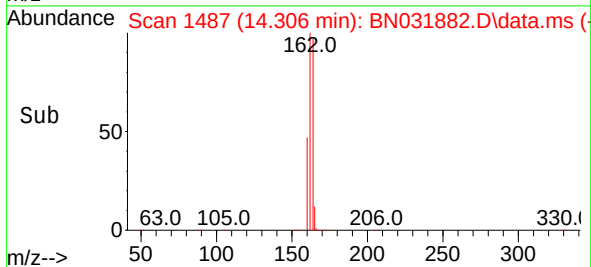
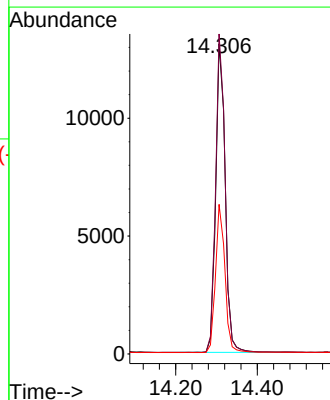
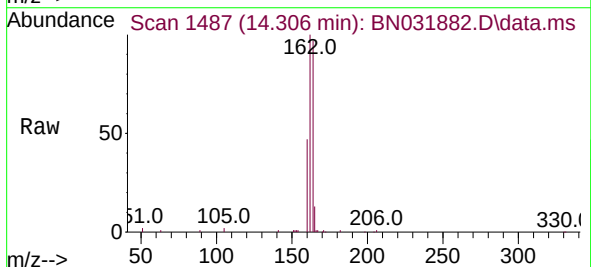
Tgt Ion:164 Resp: 21081

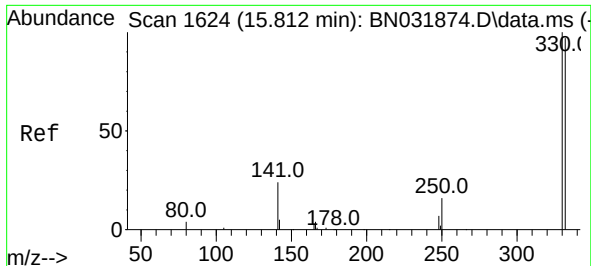
Ion Ratio Lower Upper

164 100

162 103.2 80.7 121.1

160 48.2 36.2 54.4

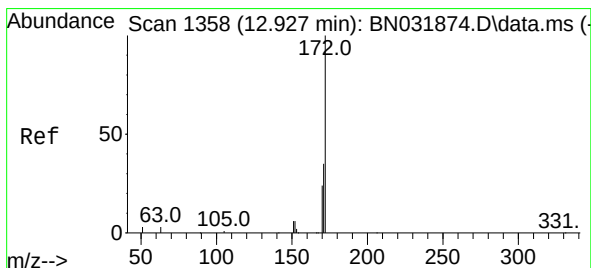
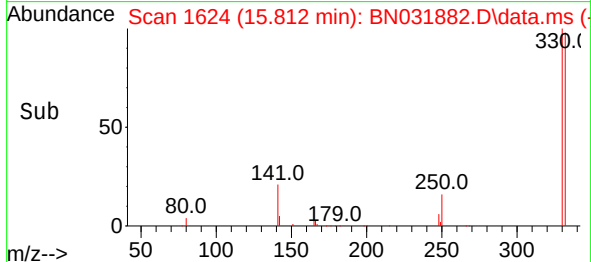
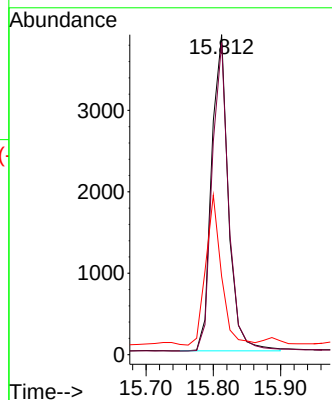
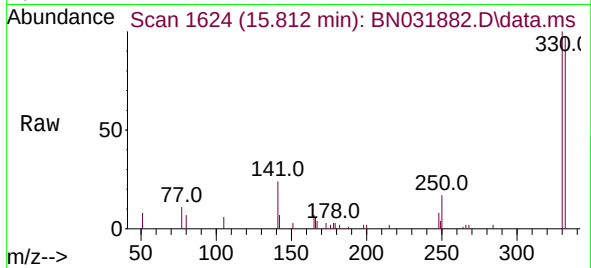




#14
2,4,6-Tribromophenol
Concen: 0.667 ng
RT: 15.812 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BN031882.D
Acq: 10 Jun 2024 17:50

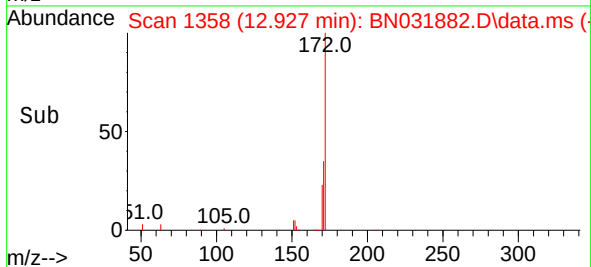
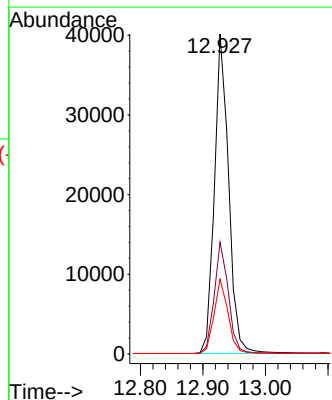
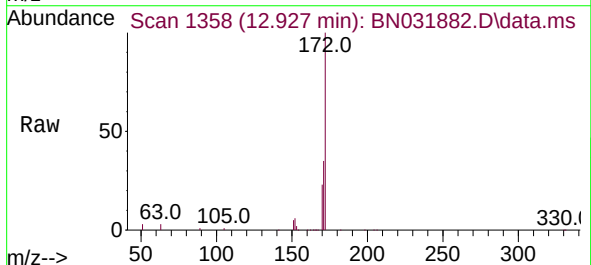
Instrument :
BNA_N
ClientSampleId :
Field Sampling Hourly Rate

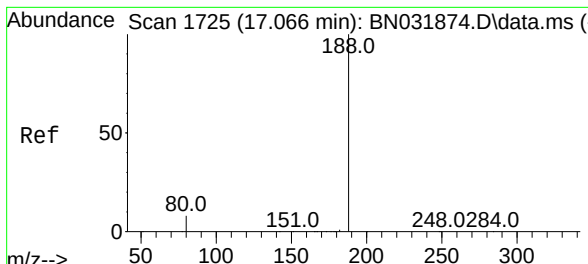
Tgt Ion:330 Resp: 6744
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 44.4 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.793 ng
RT: 12.927 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BN031882.D
Acq: 10 Jun 2024 17:50

Tgt Ion:172 Resp: 63385
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.4 19.2 28.8



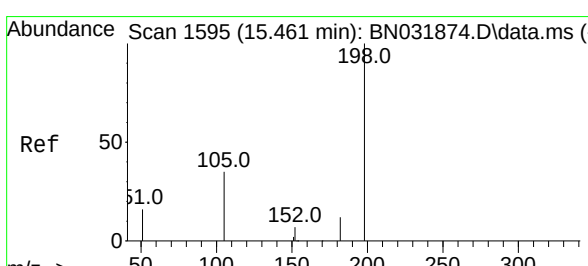
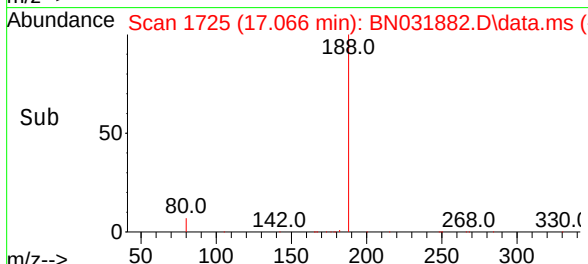
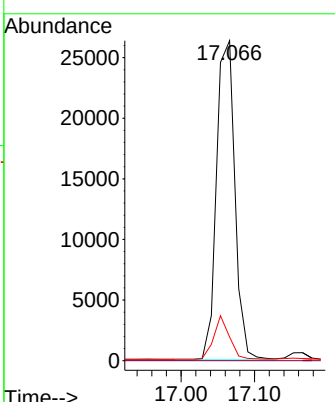
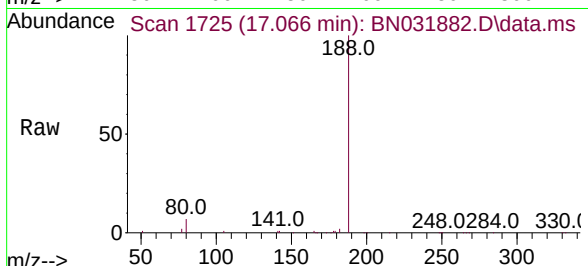


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.066 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN031882.D
 Acq: 10 Jun 2024 17:50

Instrument : BNA_N
 ClientSampleId :
 Field Sampling Hourly Rate

Tgt Ion:188 Resp: 45920

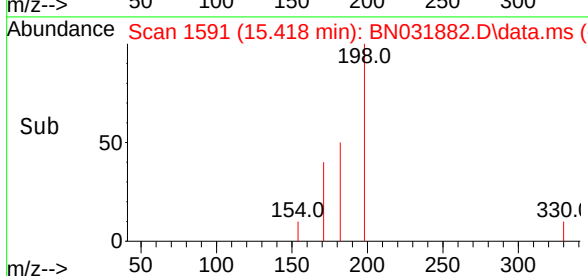
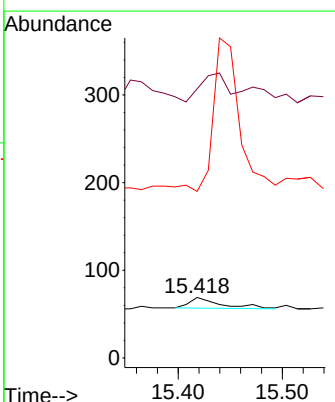
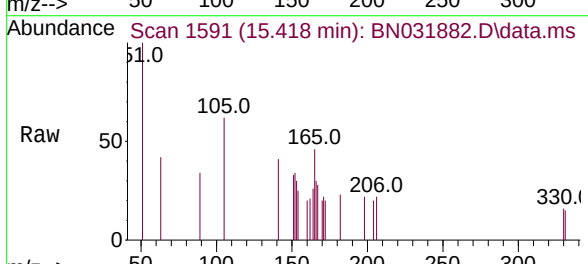
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.4	9.6

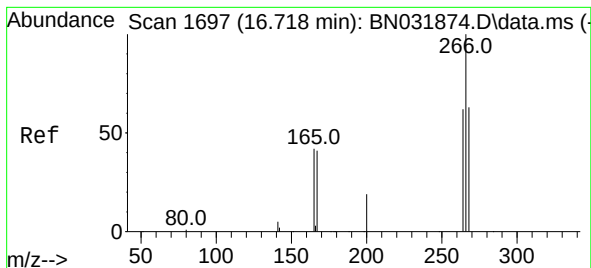


#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.177 ng
 RT: 15.418 min Scan# 1591
 Delta R.T. -0.043 min
 Lab File: BN031882.D
 Acq: 10 Jun 2024 17:50

Tgt Ion:198 Resp: 26

Ion	Ratio	Lower	Upper
198	100		
51	444.9	42.7	64.1#
105	275.4	41.8	62.8#





#24

Pentachlorophenol

Concen: 0.172 ng

RT: 16.731 min Scan# 1698

Delta R.T. 0.013 min

Lab File: BN031882.D

Acq: 10 Jun 2024 17:50

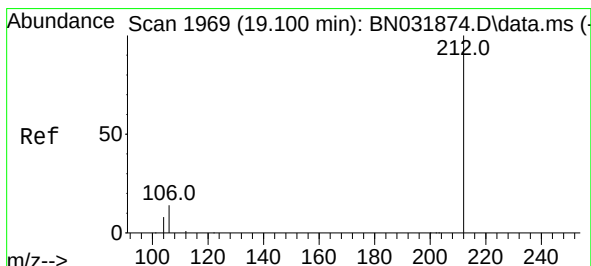
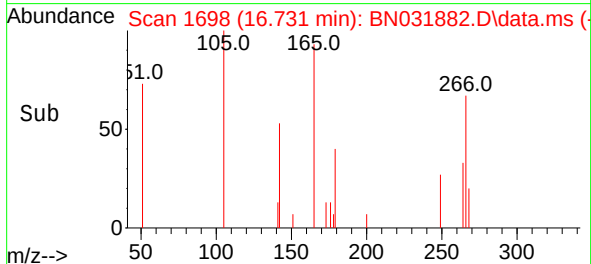
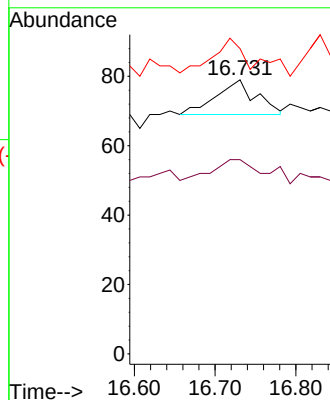
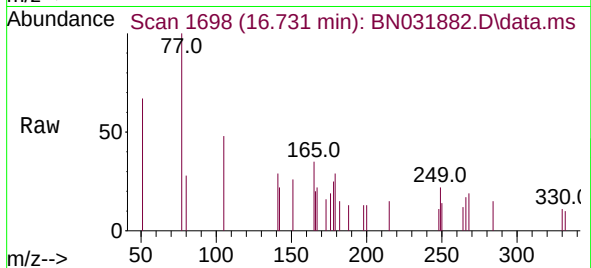
Instrument :

BNA_N

ClientSampleId :

Field Sampling Hourly Rate

Tgt Ion:266	Resp:	34
Ion Ratio	Lower	Upper
266	100	
264	91.2	50.0 75.0#
268	70.6	51.0 76.6



#27

Fluoranthene-d10

Concen: 0.682 ng

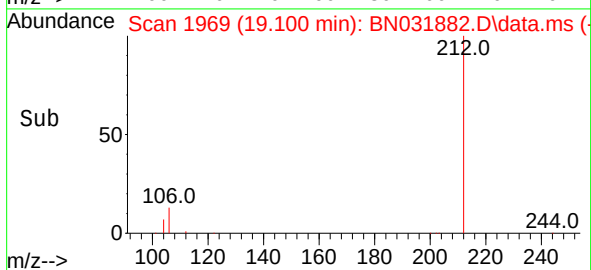
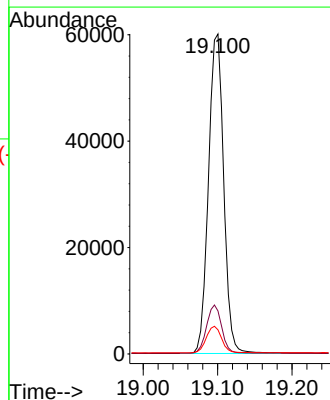
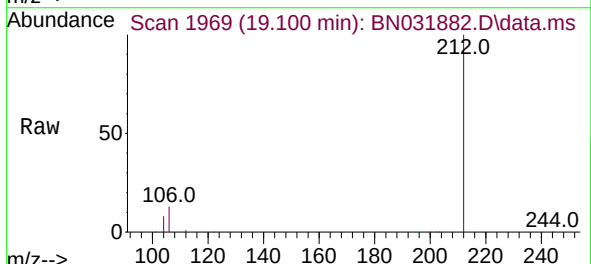
RT: 19.100 min Scan# 1969

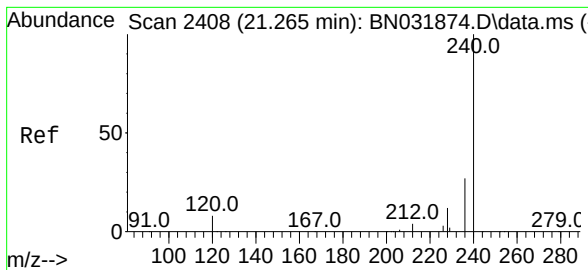
Delta R.T. 0.000 min

Lab File: BN031882.D

Acq: 10 Jun 2024 17:50

Tgt Ion:212	Resp:	85196
Ion Ratio	Lower	Upper
212	100	
106	14.9	11.8 17.8
104	8.5	6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.256 min Scan# 2408

Delta R.T. -0.009 min

Lab File: BN031882.D

Acq: 10 Jun 2024 17:50

Instrument :

BNA_N

ClientSampleId :

Field Sampling Hourly Rate

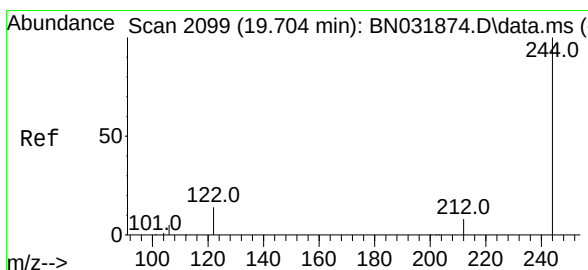
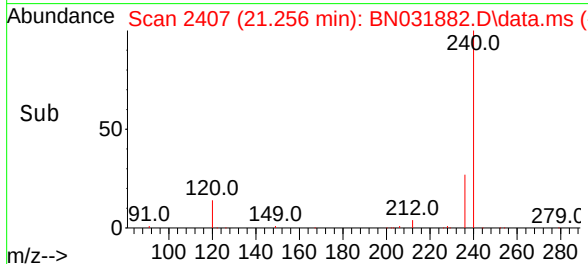
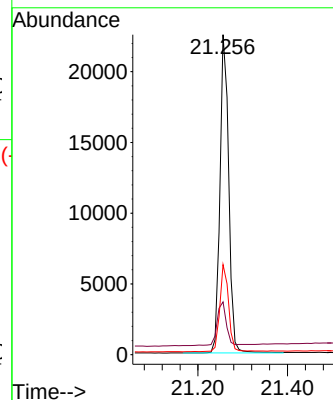
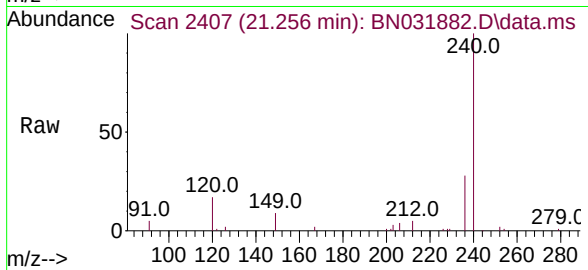
Tgt Ion:240 Resp: 30711

Ion Ratio Lower Upper

240 100

120 16.5 8.2 12.4#

236 28.2 21.8 32.8



#31

Terphenyl-d14

Concen: 0.952 ng

RT: 19.700 min Scan# 2098

Delta R.T. -0.004 min

Lab File: BN031882.D

Acq: 10 Jun 2024 17:50

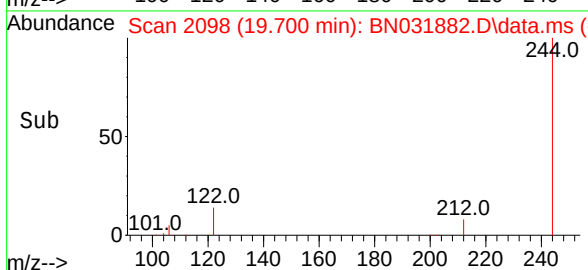
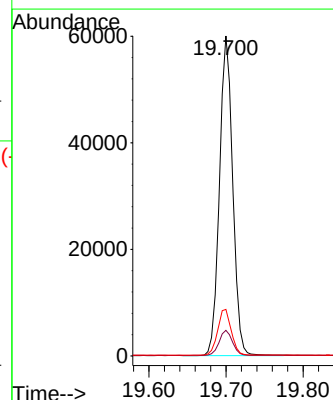
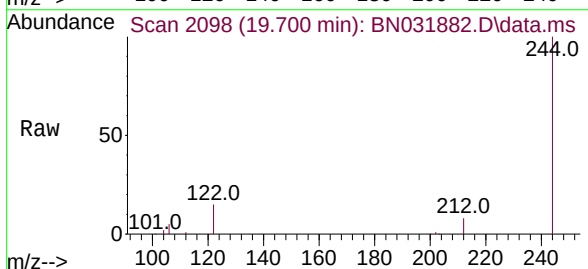
Tgt Ion:244 Resp: 71457

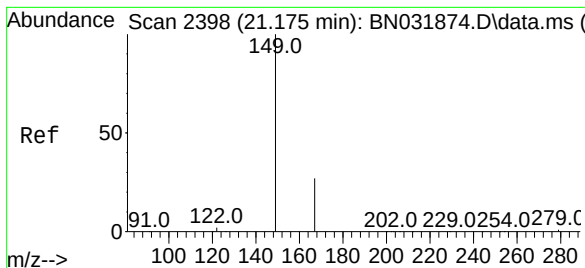
Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 14.6 11.4 17.0

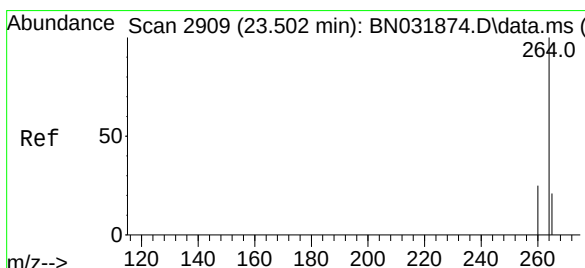
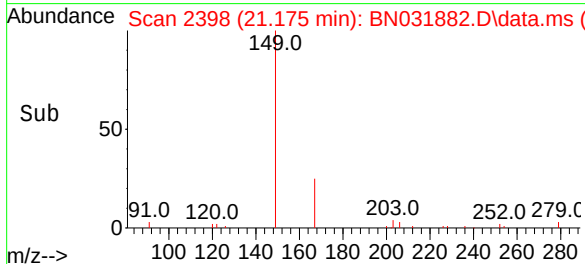
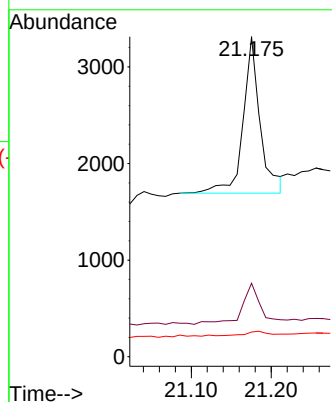
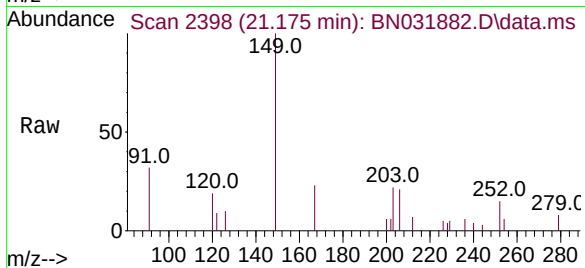




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.030 ng
 RT: 21.175 min Scan# 2398
 Delta R.T. 0.000 min
 Lab File: BN031882.D
 Acq: 10 Jun 2024 17:50

Instrument :
 BNA_N
 ClientSampleId :
 Field Sampling Hourly Rate

Tgt Ion:149 Resp: 2394
 Ion Ratio Lower Upper
 149 100
 167 29.7 22.5 33.7
 279 5.1 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.496 min Scan# 2907
 Delta R.T. -0.006 min
 Lab File: BN031882.D
 Acq: 10 Jun 2024 17:50

Tgt Ion:264 Resp: 27116
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.5 30.7
 265 67.9 39.6 59.4#

