

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032082.D
 Acq On : 19 Jun 2024 23:41
 Operator : MA/JU
 Sample : P2839-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-238-240

Quant Time: Jun 20 00:09:37 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)

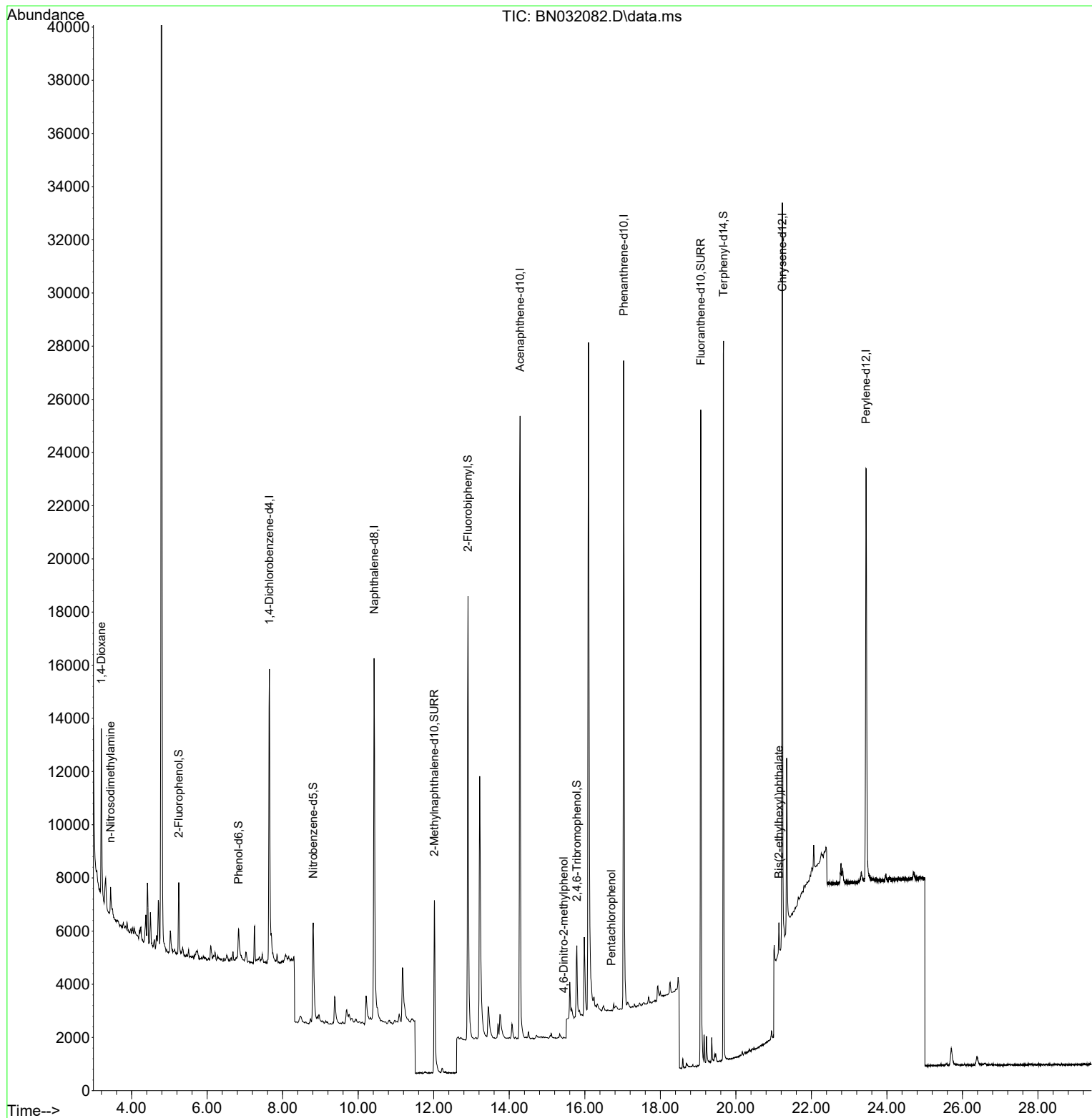
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	6455	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	22555	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	15420	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	34410	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	26940	0.400	ng	0.00
35) Perylene-d12	23.446	264	22700	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	2592	0.141	ng	0.00
5) Phenol-d6	6.830	99	1982	0.082	ng	0.00
8) Nitrobenzene-d5	8.809	82	4988	0.266	ng	0.01
11) 2-Methylnaphthalene-d10	12.017	152	11406	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	1917	0.259	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	18432	0.315	ng	0.00
27) Fluoranthene-d10	19.068	212	30663	0.327	ng	0.00
31) Terphenyl-d14	19.672	244	26706	0.406	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	4576	0.579	ng	# 94
3) n-Nitrosodimethylamine	3.443	42	352	0.047	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.440	198	4	0.175	ng	# 1
24) Pentachlorophenol	16.706	266	52	0.174	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.139	149	1503	0.022	ng	95

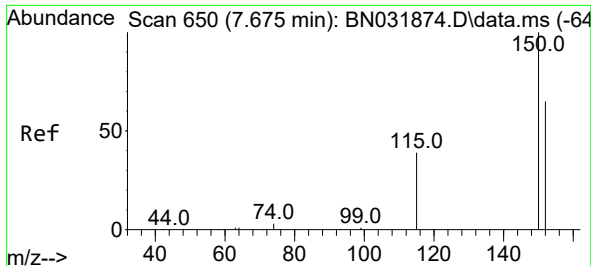
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
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BP-VPB-189-GW-238-240

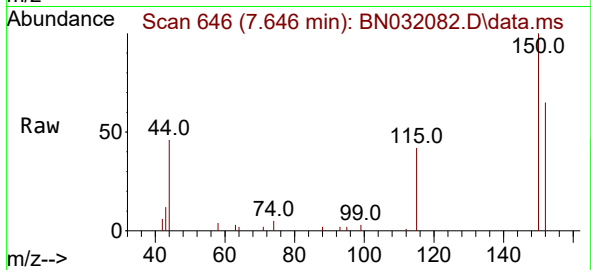
Quant Time: Jun 20 00:09:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
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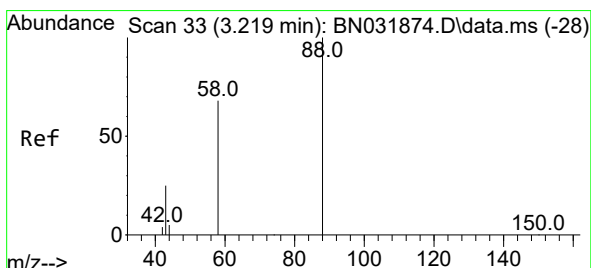
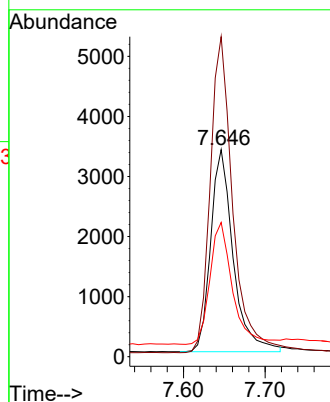
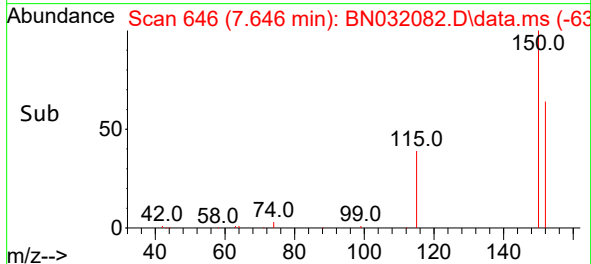


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN032082.D
Acq: 19 Jun 2024 23:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-238-240

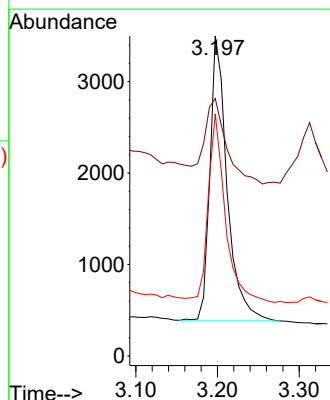
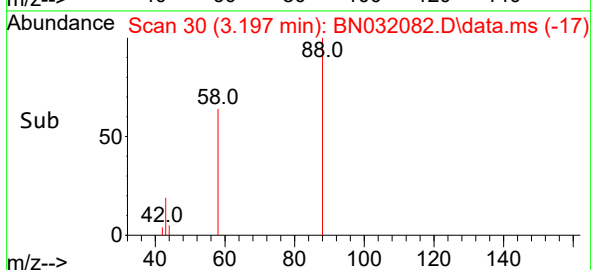
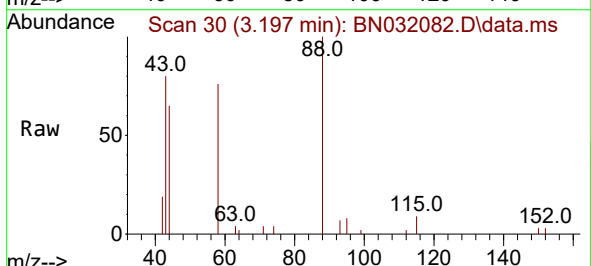


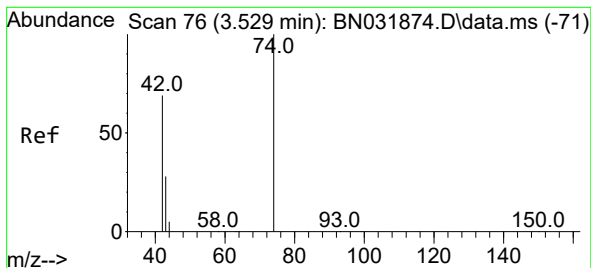
Tgt Ion:152 Resp: 6455
Ion Ratio Lower Upper
152 100
150 154.6 121.0 181.4
115 64.8 49.4 74.0



#2
1,4-Dioxane
Concen: 0.579 ng
RT: 3.197 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN032082.D
Acq: 19 Jun 2024 23:41

Tgt Ion: 88 Resp: 4576
Ion Ratio Lower Upper
88 100
43 36.5 22.7 34.1#
58 65.8 51.3 76.9





#3

n-Nitrosodimethylamine

Concen: 0.047 ng

RT: 3.443 min Scan# 64

Delta R.T. -0.072 min

Lab File: BN032082.D

Acq: 19 Jun 2024 23:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-238-240

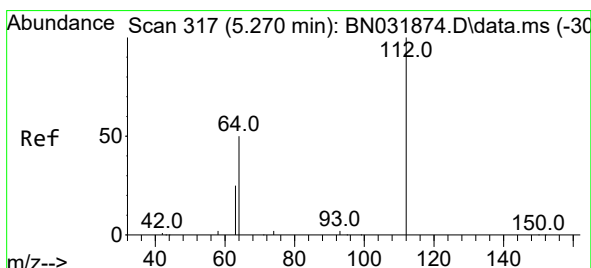
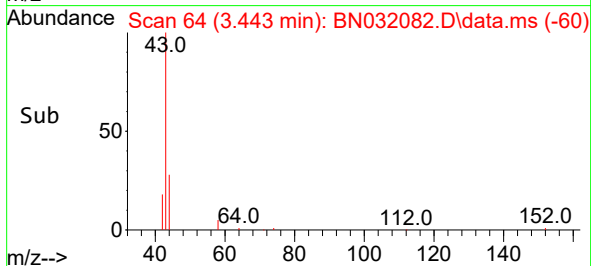
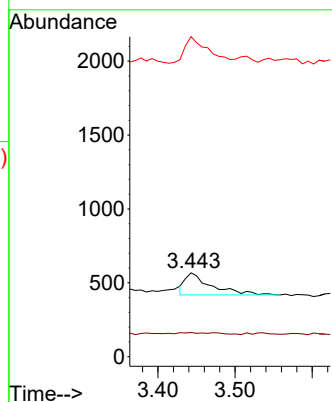
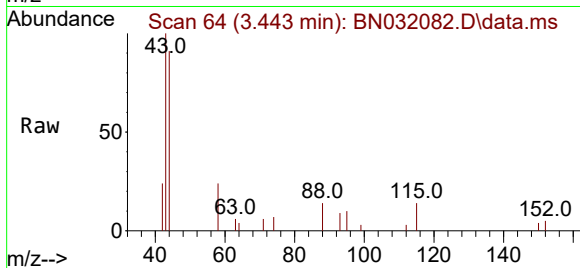
Tgt Ion: 42 Resp: 352

Ion Ratio Lower Upper

42 100

74 0.0 125.2 187.8#

44 81.8 6.9 10.3#



#4

2-Fluorophenol

Concen: 0.141 ng

RT: 5.248 min Scan# 314

Delta R.T. 0.000 min

Lab File: BN032082.D

Acq: 19 Jun 2024 23:41

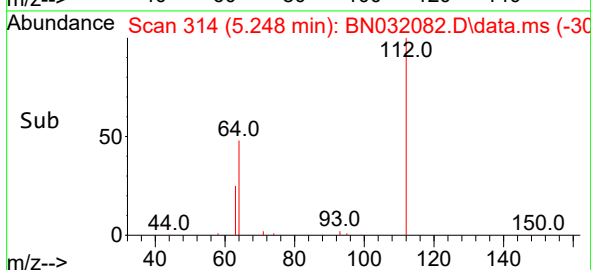
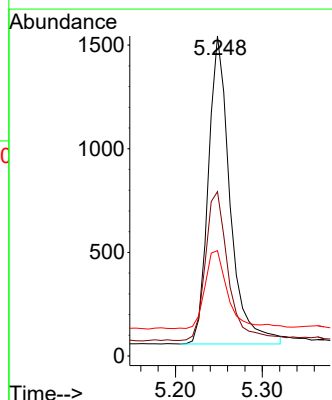
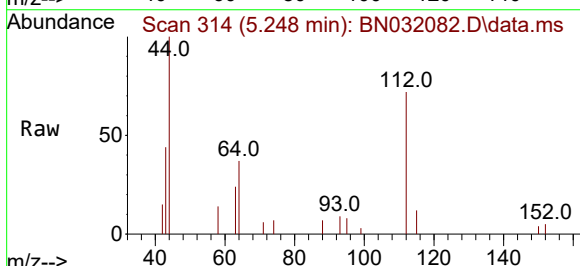
Tgt Ion: 112 Resp: 2592

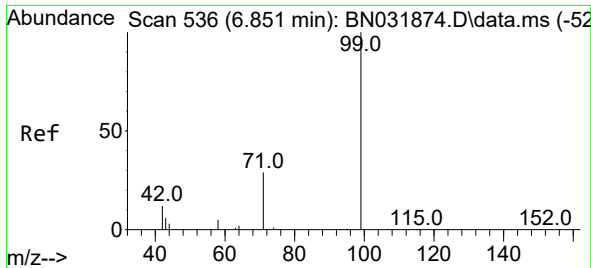
Ion Ratio Lower Upper

112 100

64 50.7 42.4 63.6

63 26.9 22.1 33.1

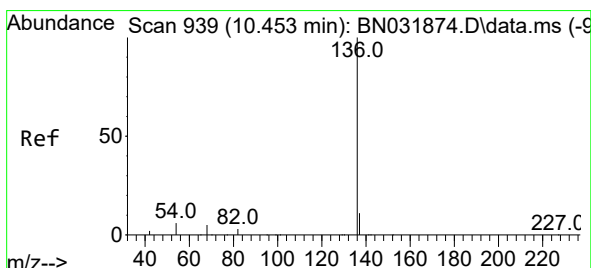
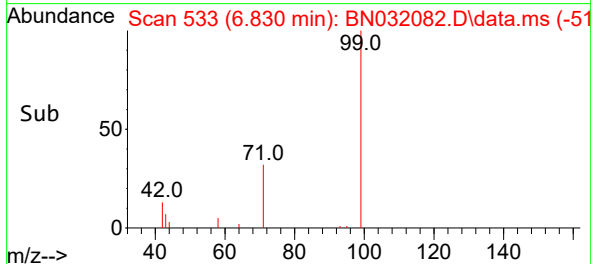
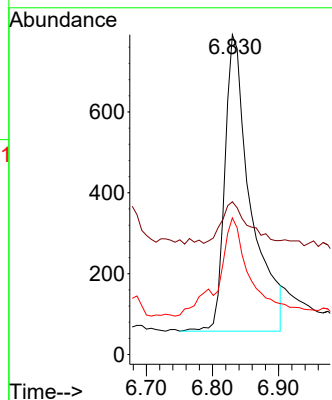
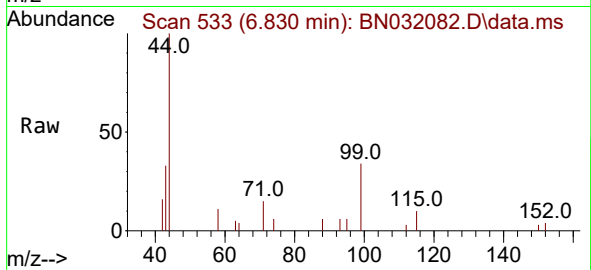




#5
Phenol-d6
Concen: 0.082 ng
RT: 6.830 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN032082.D
Acq: 19 Jun 2024 23:41

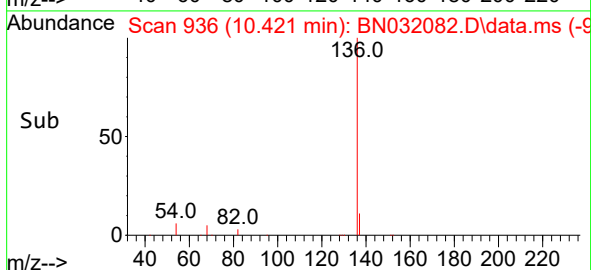
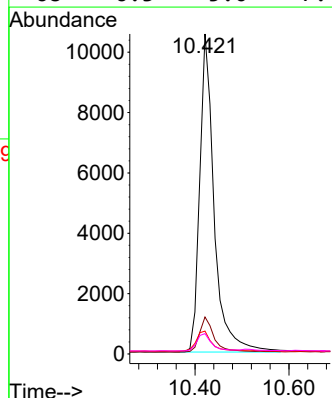
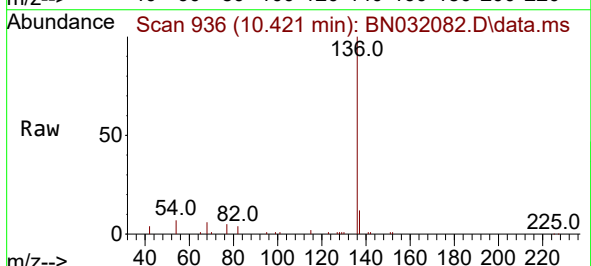
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-238-240

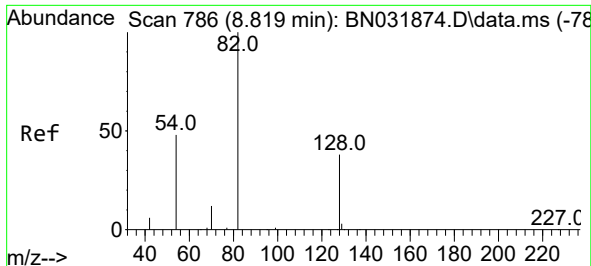
Tgt Ion: 99 Resp: 1982
Ion Ratio Lower Upper
99 100
42 14.1 12.8 19.2
71 38.8 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN032082.D
Acq: 19 Jun 2024 23:41

Tgt Ion:136 Resp: 22555
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 7.1 5.6 8.4
68 6.3 5.0 7.4

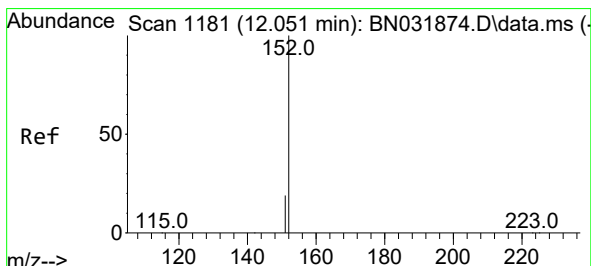
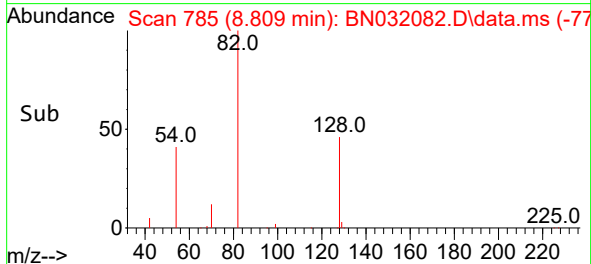
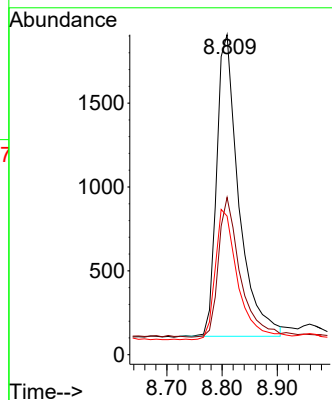
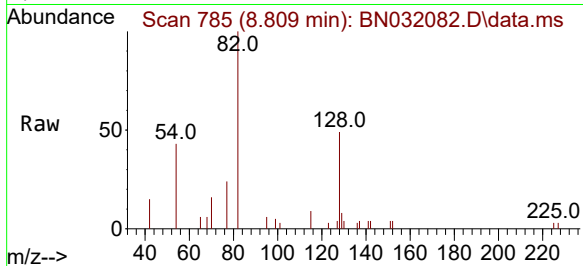




#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.809 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN032082.D
Acq: 19 Jun 2024 23:41

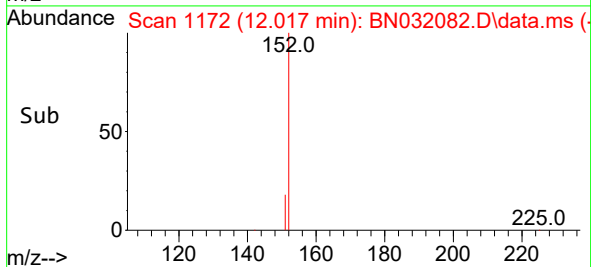
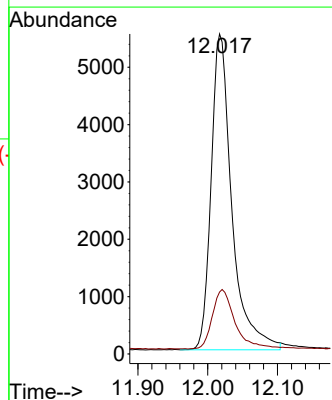
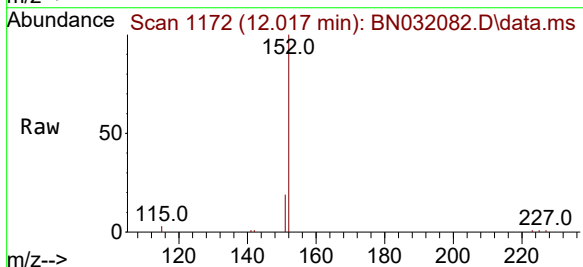
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-238-240

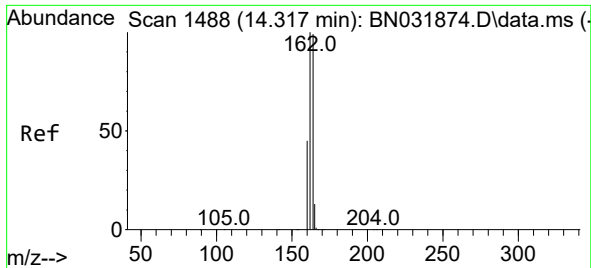
Tgt Ion: 82 Resp: 4988
Ion Ratio Lower Upper
82 100
128 49.2 32.1 48.1#
54 43.3 39.7 59.5



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.017 min Scan# 1172
Delta R.T. -0.004 min
Lab File: BN032082.D
Acq: 19 Jun 2024 23:41

Tgt Ion: 152 Resp: 11406
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5

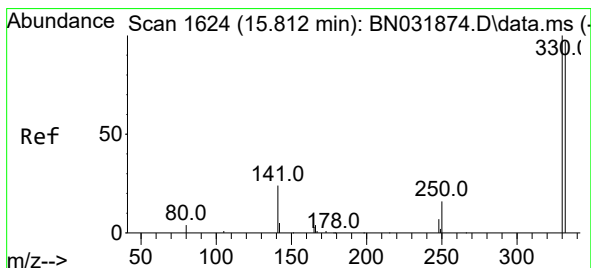
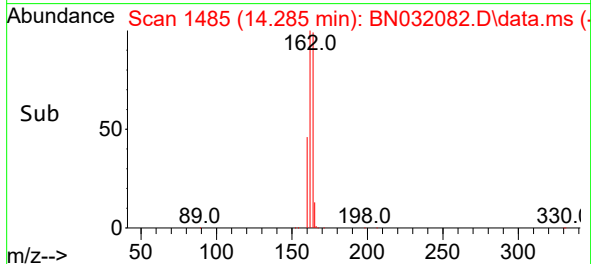
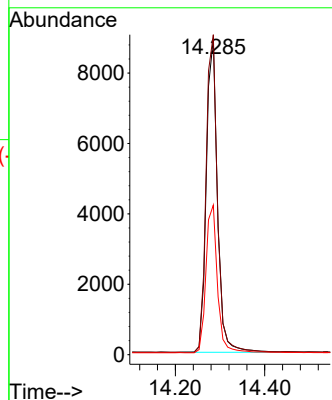
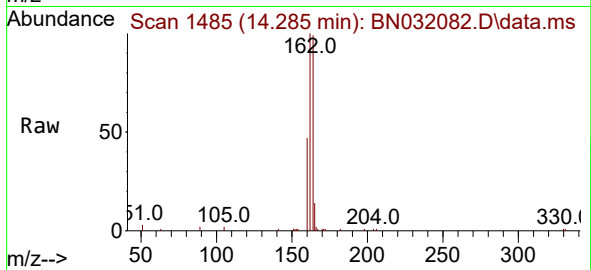




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.285 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BN032082.D
Acq: 19 Jun 2024 23:41

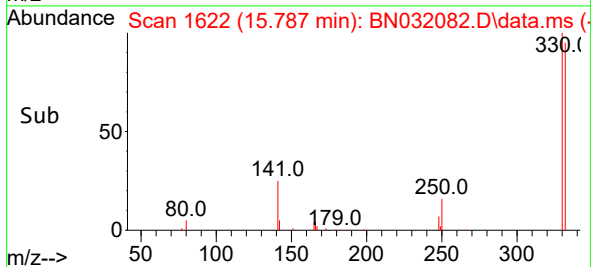
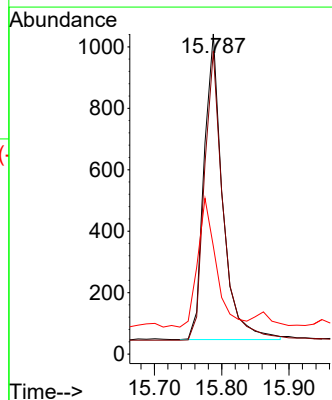
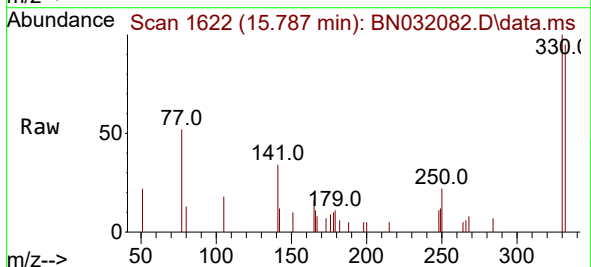
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-238-240

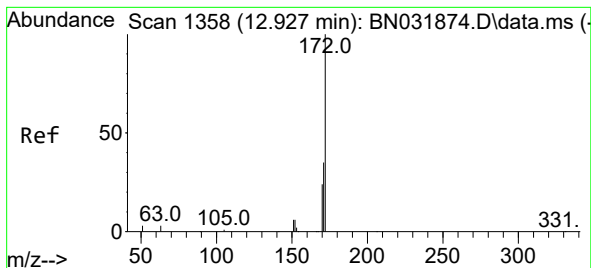
Tgt Ion:164 Resp: 15420
Ion Ratio Lower Upper
164 100
162 101.3 80.7 121.1
160 47.3 36.2 54.4



#14
2,4,6-Tribromophenol
Concen: 0.259 ng
RT: 15.787 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BN032082.D
Acq: 19 Jun 2024 23:41

Tgt Ion:330 Resp: 1917
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 42.0 34.7 52.1





#15

2-Fluorobiphenyl

Concen: 0.315 ng

RT: 12.906 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN032082.D

Acq: 19 Jun 2024 23:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-238-240

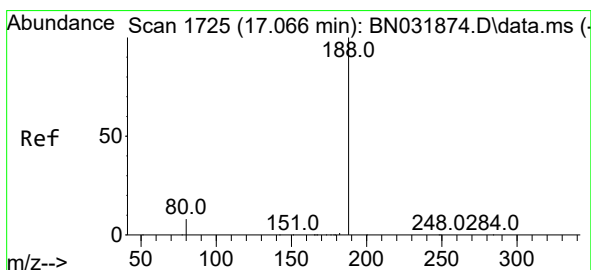
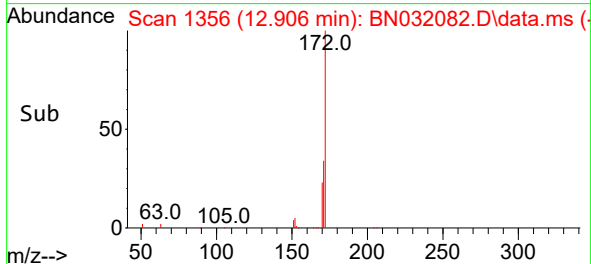
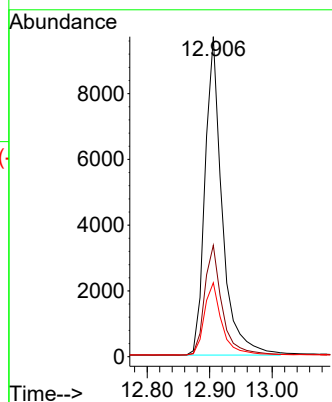
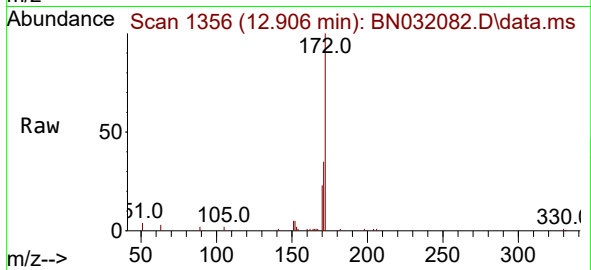
Tgt Ion:172 Resp: 18432

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.1 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: BN032082.D

Acq: 19 Jun 2024 23:41

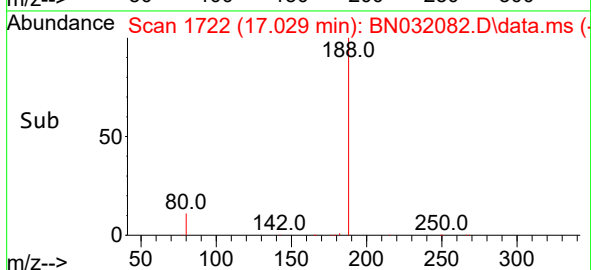
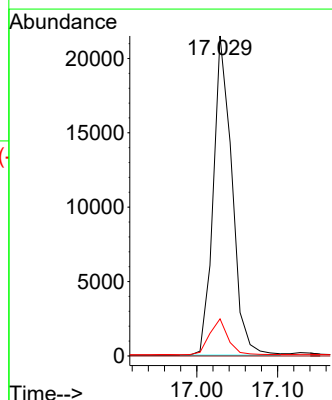
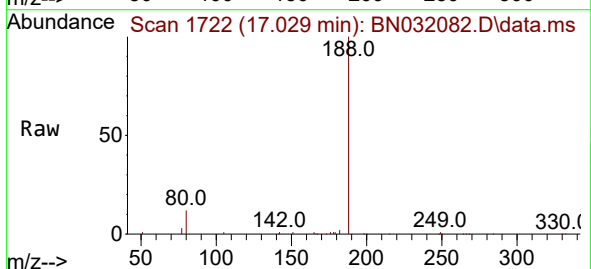
Tgt Ion:188 Resp: 34410

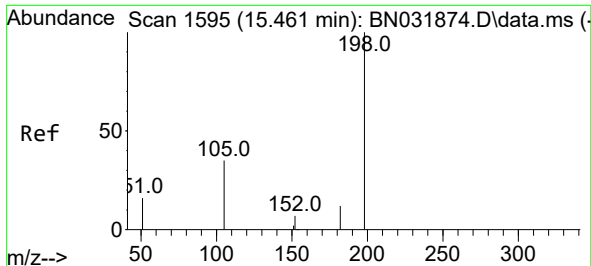
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 6.4 9.6#

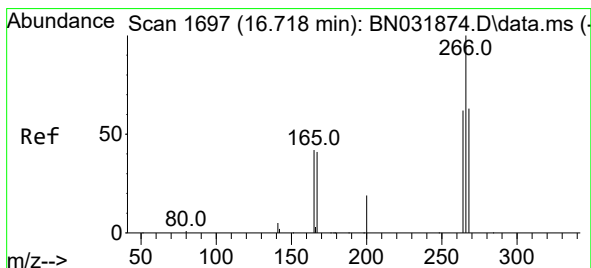
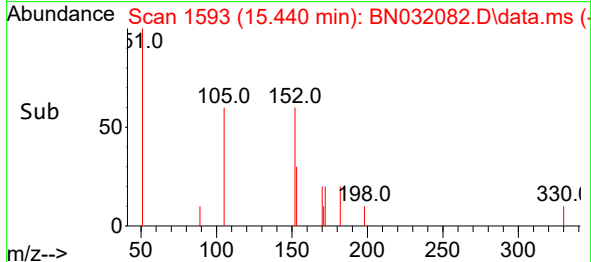
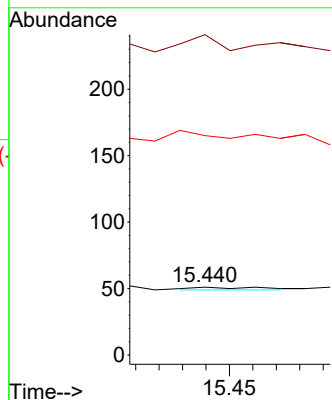
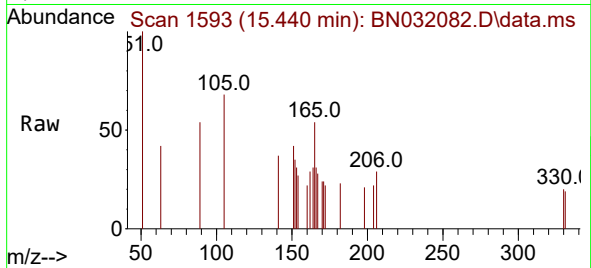




#20
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 15.440 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BN032082.D
Acq: 19 Jun 2024 23:41

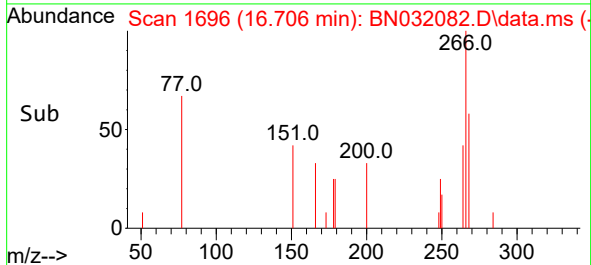
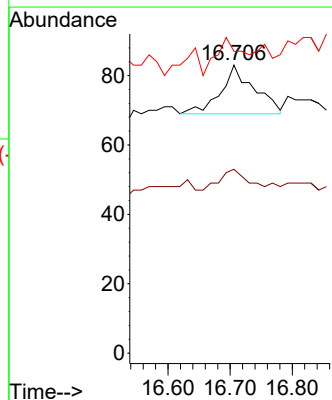
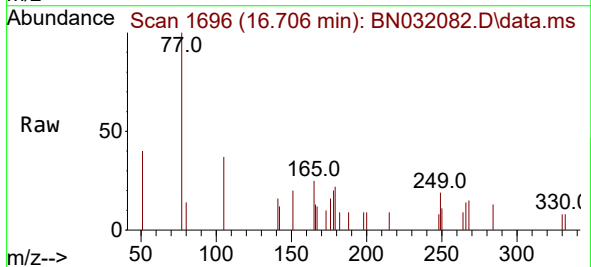
Instrument :
BNA_N
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BP-VPB-189-GW-238-240

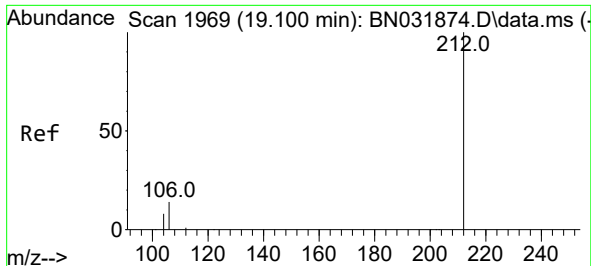
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 472.5 42.7 64.1#
105 323.5 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.174 ng
RT: 16.706 min Scan# 1696
Delta R.T. 0.012 min
Lab File: BN032082.D
Acq: 19 Jun 2024 23:41

Tgt Ion:266 Resp: 52
Ion Ratio Lower Upper
266 100
264 34.6 50.0 75.0#
268 59.6 51.0 76.6

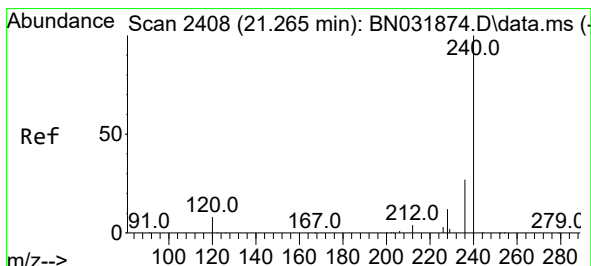
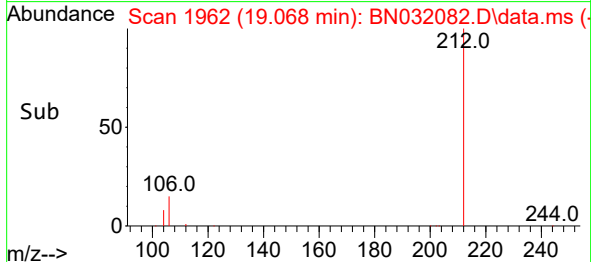
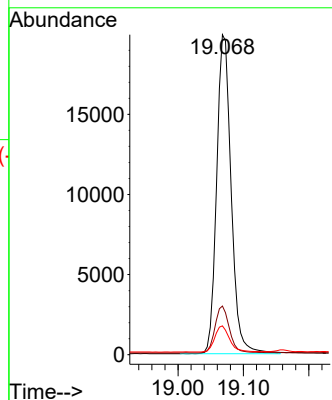
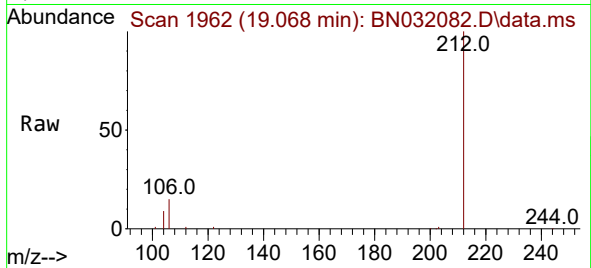




#27
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.068 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN032082.D
Acq: 19 Jun 2024 23:41

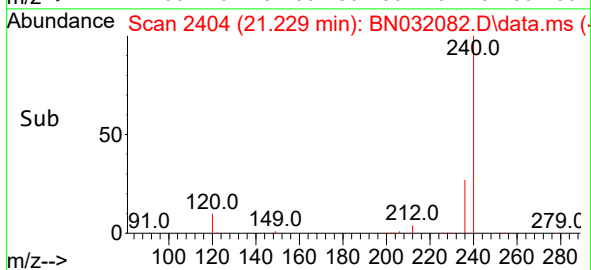
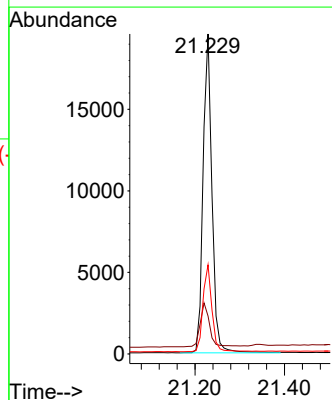
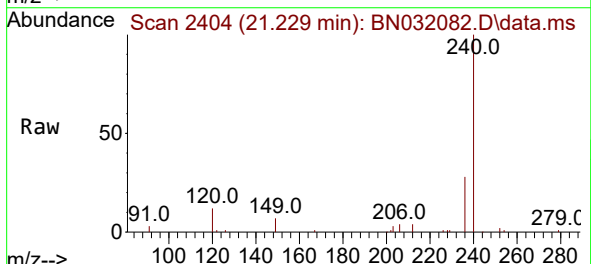
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-238-240

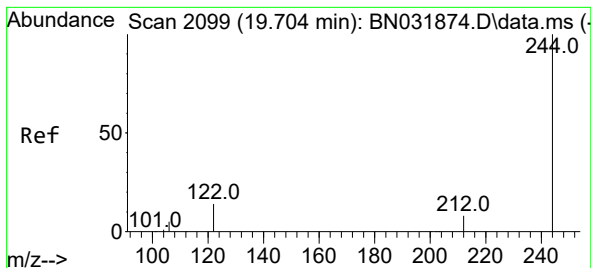
Tgt Ion:212 Resp: 30663
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.8
104 8.3 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN032082.D
Acq: 19 Jun 2024 23:41

Tgt Ion:240 Resp: 26940
Ion Ratio Lower Upper
240 100
120 11.8 8.2 12.4
236 27.8 21.8 32.8





#31

Terphenyl-d14

Concen: 0.406 ng

RT: 19.672 min Scan# 2099

Delta R.T. 0.000 min

Lab File: BN032082.D

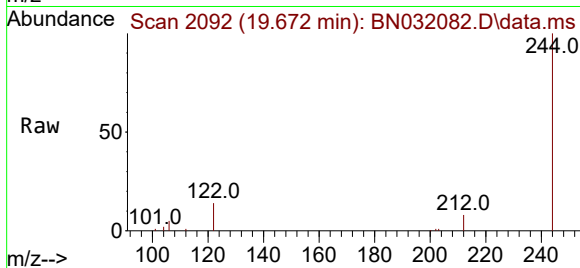
Acq: 19 Jun 2024 23:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-238-240



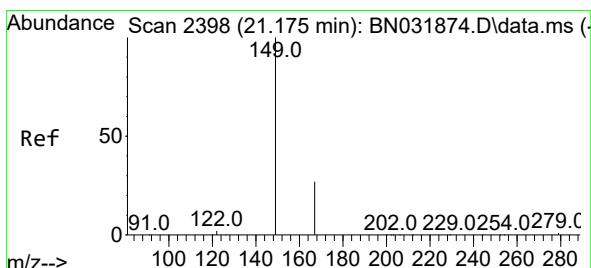
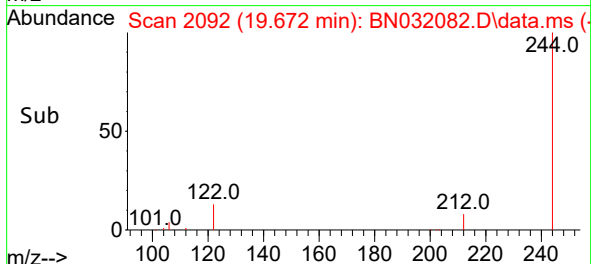
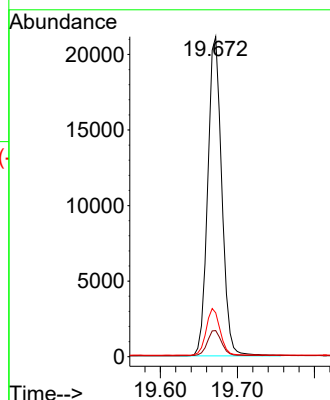
Tgt Ion:244 Resp: 26706

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: 0.022 ng

RT: 21.139 min Scan# 2394

Delta R.T. -0.009 min

Lab File: BN032082.D

Acq: 19 Jun 2024 23:41

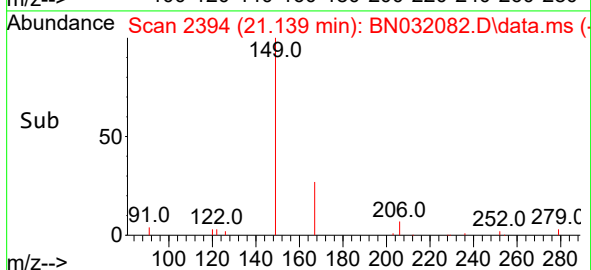
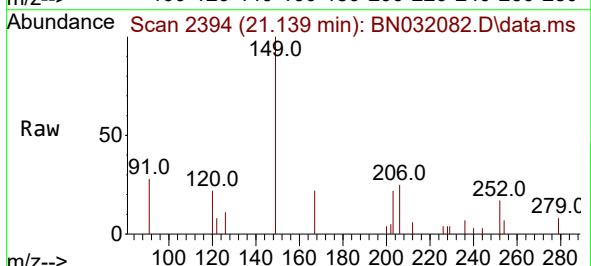
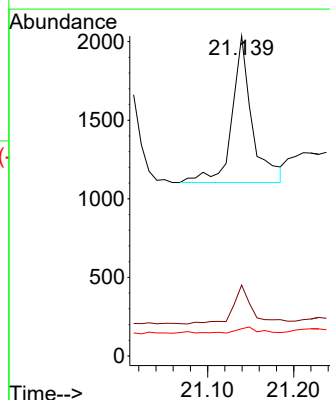
Tgt Ion:149 Resp: 1503

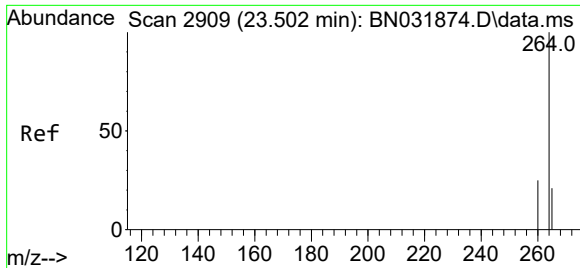
Ion Ratio Lower Upper

149 100

167 25.1 22.5 33.7

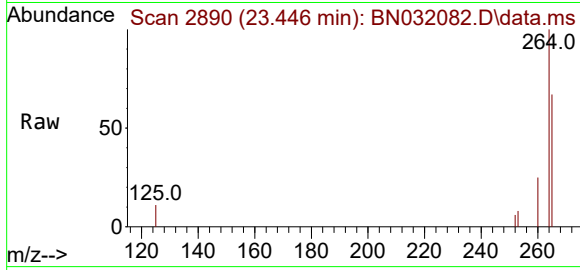
279 3.5 2.9 4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032082.D
Acq: 19 Jun 2024 23:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-238-240



Tgt Ion:264 Resp: 22700

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	67.1	39.6	59.4

