

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030611.D
 Acq On : 02 Apr 2024 11:59
 Operator : MA/JU
 Sample : P1934-01DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA2DL

Quant Time: Apr 02 23:25:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	264631	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.475	136	1158769	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	757590	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1581548	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	1454907	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	1385368	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	20815	3.688	ng/uL	0.00
4) Pyridine-d5	3.593	84	278434	16.453	ng/u1	0.00
7) Phenol-d5	6.852	99	384343	17.954	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	247899	18.749	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	309219	19.041	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	312044	17.392	ng/u1	-0.01
21) Nitrobenzene-d5	8.846	128	152404	18.960	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	166508	22.643	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	300552	18.669	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	106201	4.007	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1022267	20.210	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1159571	19.939	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	149488	15.451	ng/u1	0.00
60) Fluorene-d10	15.334	176	918267	20.746	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	96001	13.752	ng/u1	0.00
73) Anthracene-d10	17.181	188	1426666	20.936	ng/u1	0.00
81) Pyrene-d10	19.480	212	1677803	21.449	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.063	264	1377489	21.579	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	6.881	94	35744	1.603	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.122	93	987573	54.305	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	1631424	63.709	ng/u1	99
22) Nitrobenzene	8.887	77	252233	12.854	ng/u1	99
23) Isophorone	9.410	82	142936	3.653	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.899	93	1019658	40.981	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	1221618	29.433	ng/u1	100
47) Dimethylphthalate	13.804	163	3948751	75.574	ng/u1	100
50) Acenaphthylene	14.057	152	664609	9.891	ng/u1	100
52) Acenaphthene	14.398	153	974653	21.766	ng/u1	98
61) Fluorene	15.387	166	1186979	23.991	ng/u1	97
68) 4-Bromophenyl-phenylether	16.281	248	171793	11.439	ng/u1	92
69) Hexachlorobenzene	16.381	284	402407	22.755	ng/u1	97
72) Phenanthrene	17.128	178	1582142	19.471	ng/u1	99
74) Anthracene	17.216	178	950368	11.570	ng/u1	99
78) Di-n-butylphthalate	18.063	149	4639318	52.792	ng/u1	99
82) Pyrene	19.510	202	1236603	12.592	ng/u1	100
83) Butylbenzylphthalate	20.427	149	1698389	45.287	ng/u1	98
85) Benzo(a)anthracene	21.304	228	914523	9.419	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	2789130	50.431	ng/u1	99
89) Di-n-octyl phthalate	22.363	149	6554506	74.711	ng/u1	100
90) Benzo(b)fluoranthene	23.333	252	1066178	13.077	ng/u1	98
91) Benzo(k)fluoranthene	23.398	252	1293222	15.619	ng/u1	100
93) Benzo(a)pyrene	24.115	252	134539	1.747	ng/u1	98

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
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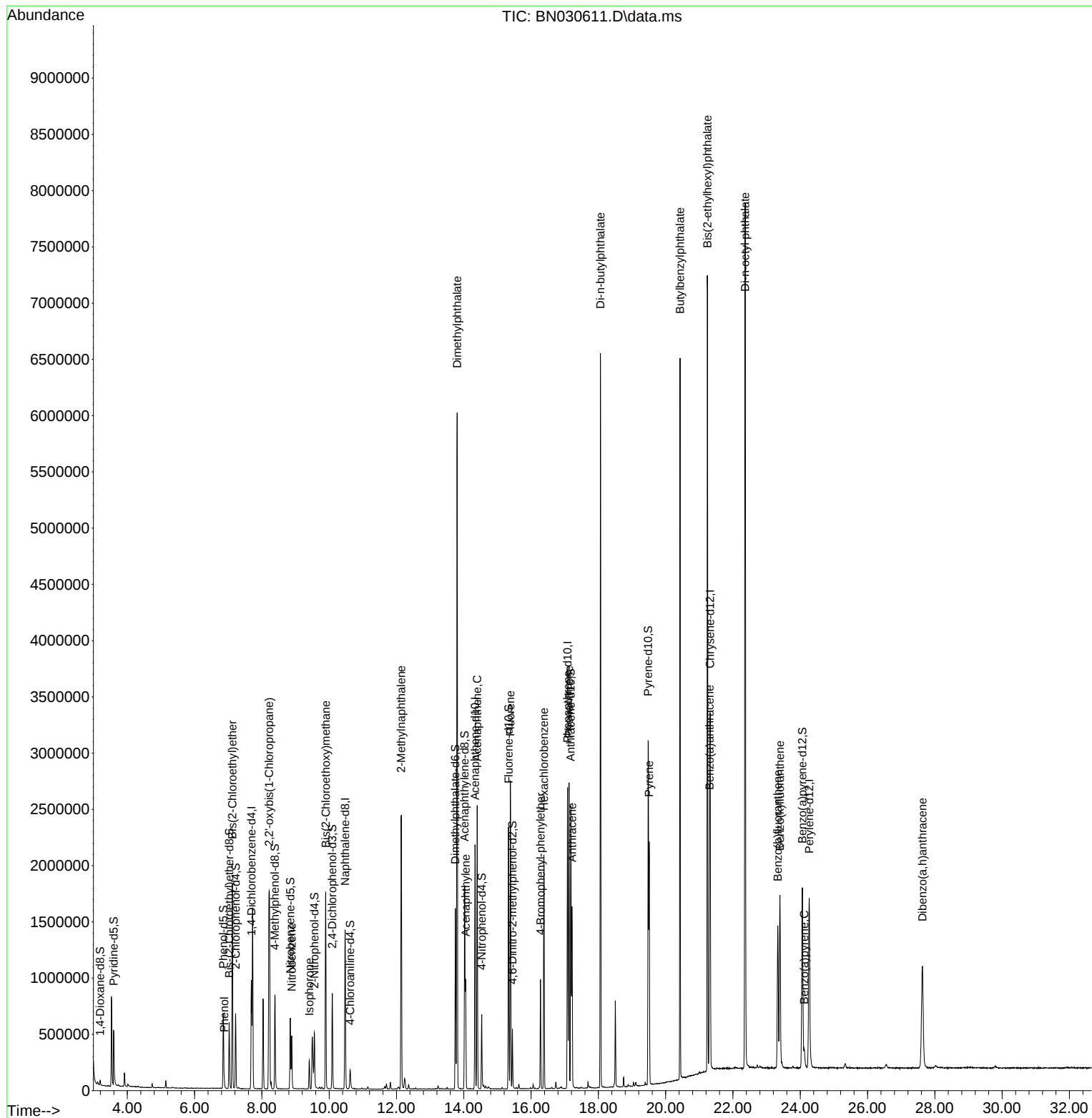
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Dibenzo(a,h)anthracene	27.633	278	1256411	17.926	ng/ul	96

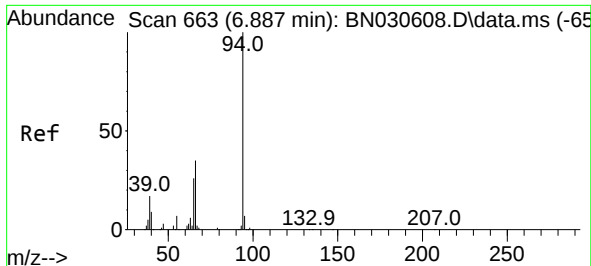
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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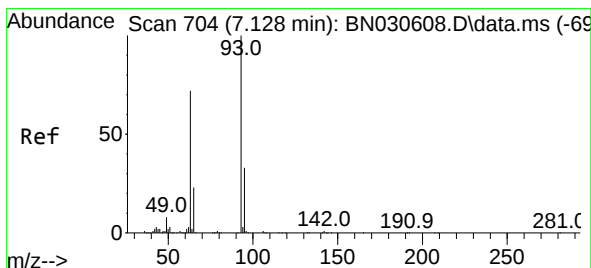
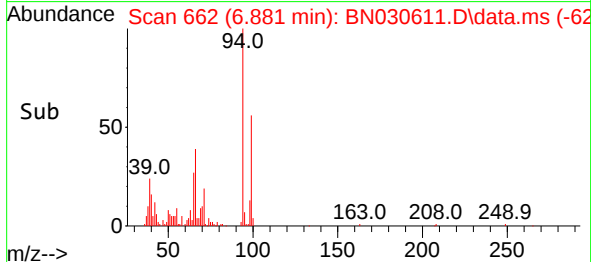
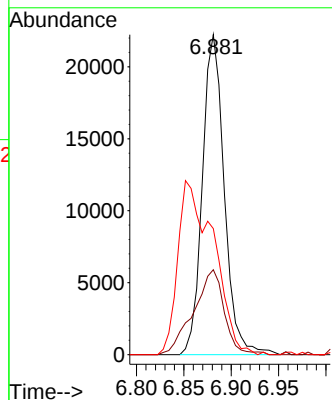
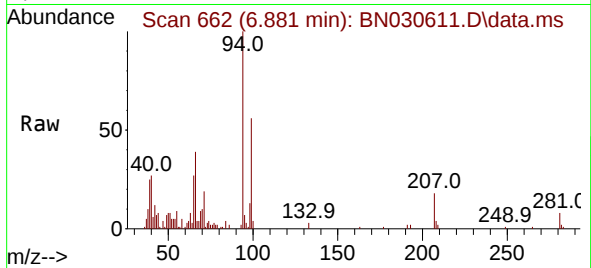




#8
Phenol
Concen: 1.603 ng/ul
RT: 6.881 min Scan# 60
Delta R.T. -0.006 min
Lab File: BN030611.D
Acq: 02 Apr 2024 11:59

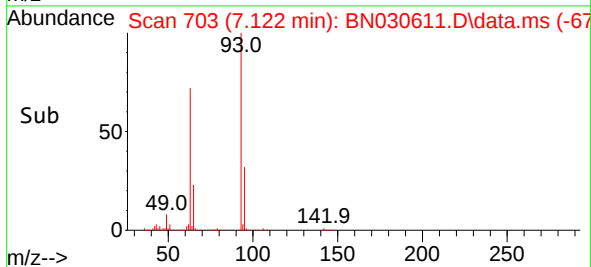
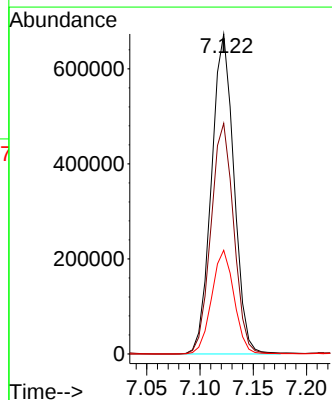
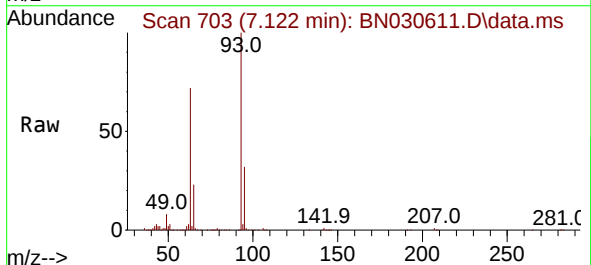
Instrument :
BNA_N
ClientSampleId :
C0AA2DL

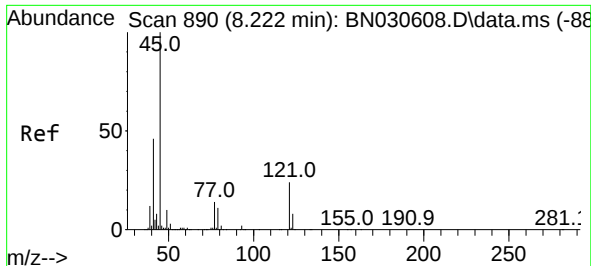
Tgt Ion: 94 Resp: 35744
Ion Ratio Lower Upper
94 100
65 26.5 21.4 32.0
66 39.4 28.5 42.7



#10
Bis(2-Chloroethyl)ether
Concen: 54.305 ng/ul
RT: 7.122 min Scan# 703
Delta R.T. -0.006 min
Lab File: BN030611.D
Acq: 02 Apr 2024 11:59

Tgt Ion: 93 Resp: 987573
Ion Ratio Lower Upper
93 100
63 72.1 58.2 87.4
95 32.4 26.0 39.0

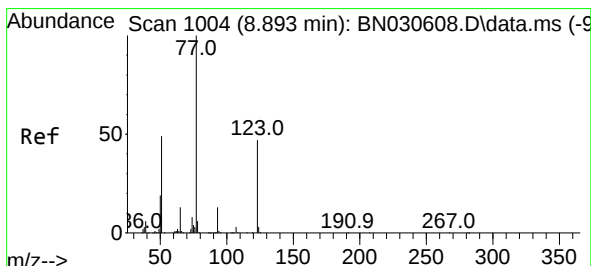
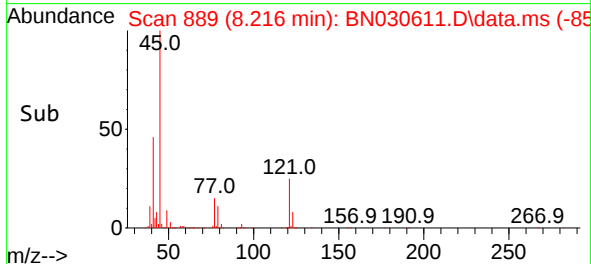
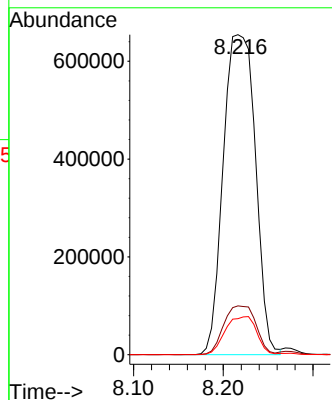
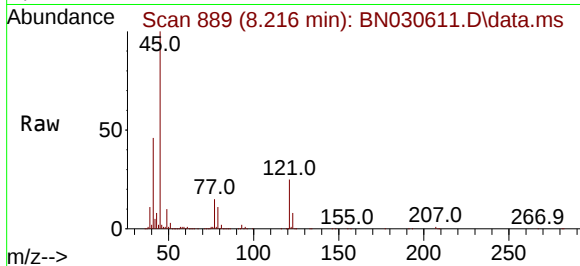




#14
2,2'-oxybis(1-Chloropropane)
Concen: 63.709 ng/ul
RT: 8.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BN030611.D
Acq: 02 Apr 2024 11:59

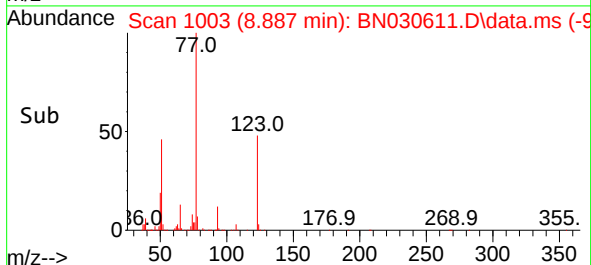
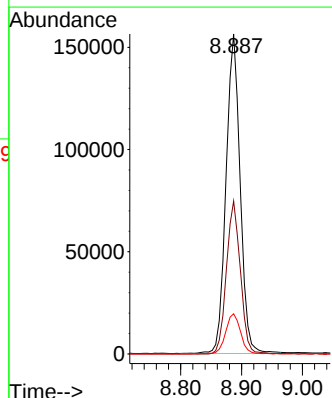
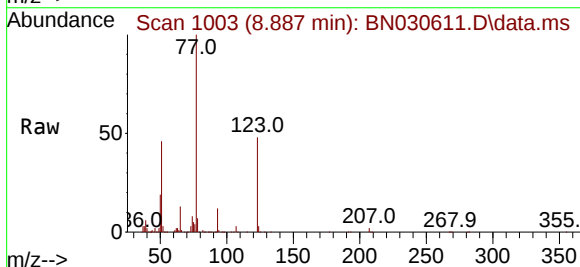
Instrument :
BNA_N
ClientSampleId :
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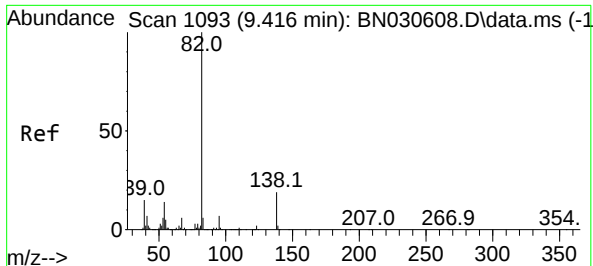
Tgt Ion: 45 Resp: 1631424
Ion Ratio Lower Upper
45 100
77 15.3 12.1 18.1
79 11.3 8.6 13.0



#22
Nitrobenzene
Concen: 12.854 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BN030611.D
Acq: 02 Apr 2024 11:59

Tgt Ion: 77 Resp: 252233
Ion Ratio Lower Upper
77 100
123 47.8 37.5 56.3
65 12.6 10.6 15.8

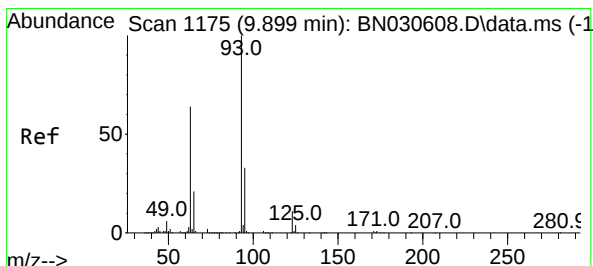
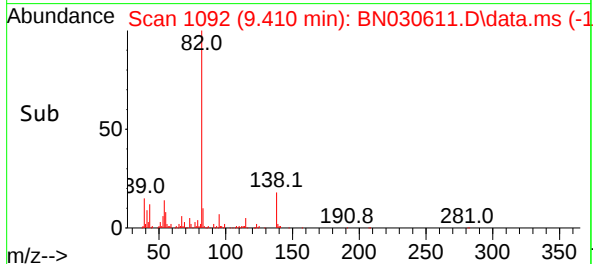
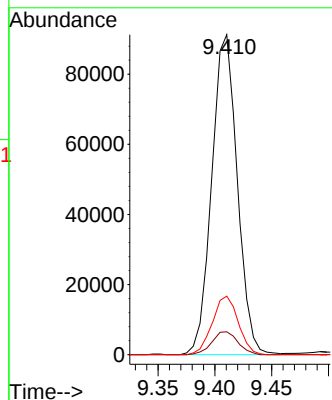
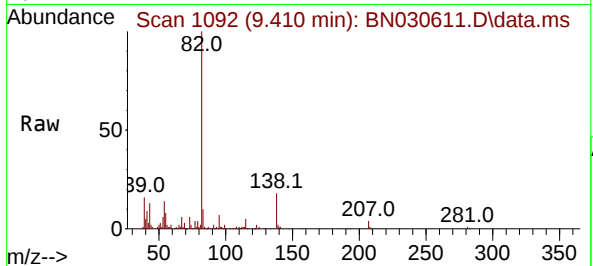




#23
Isophorone
Concen: 3.653 ng/ul
RT: 9.410 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BN030611.D
Acq: 02 Apr 2024 11:59

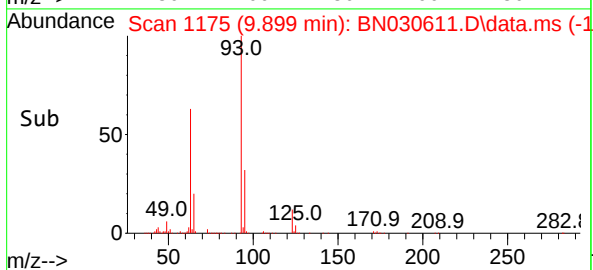
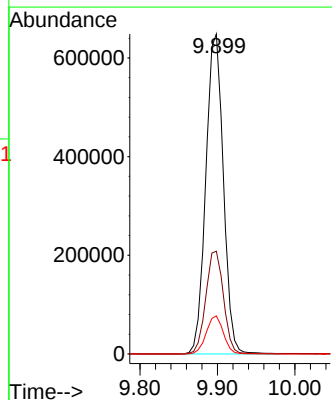
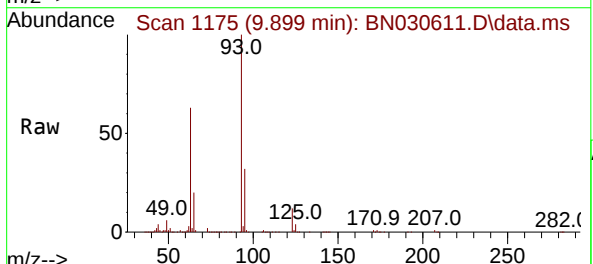
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ClientSampleId :
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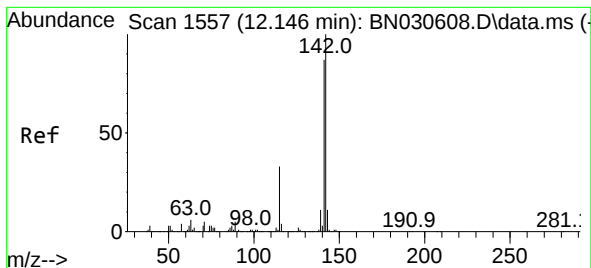
Tgt Ion: 82 Resp: 142936
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.3 14.6 21.8



#27
Bis(2-Chloroethoxy)methane
Concen: 40.981 ng/ul
RT: 9.899 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BN030611.D
Acq: 02 Apr 2024 11:59

Tgt Ion: 93 Resp: 1019658
Ion Ratio Lower Upper
93 100
95 32.1 25.4 38.0
123 11.9 9.4 14.0

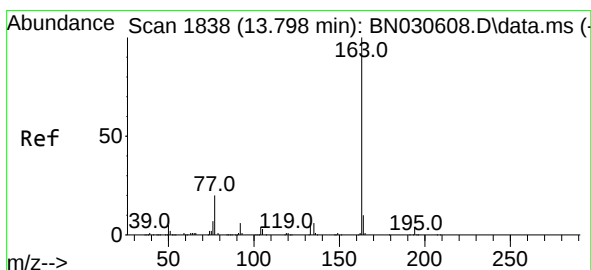
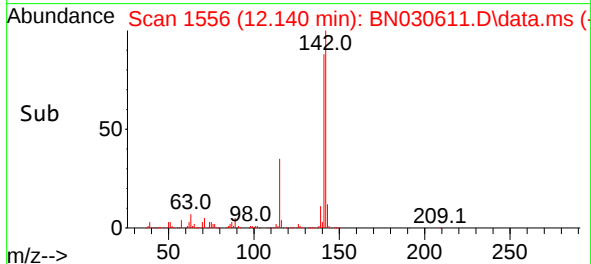
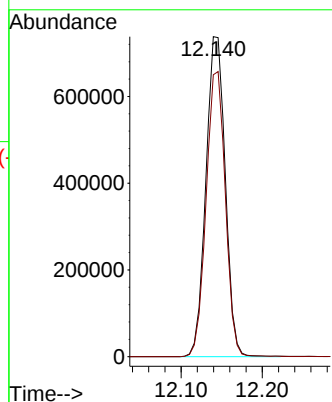
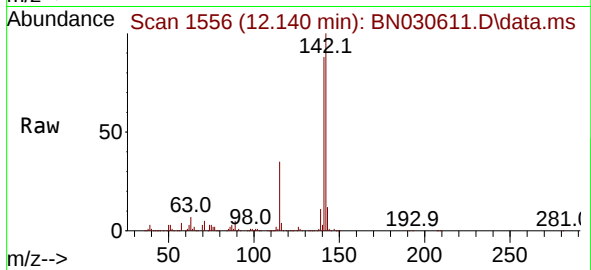




#36
2-Methylnaphthalene
Concen: 29.433 ng/ul
RT: 12.140 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN030611.D
Acq: 02 Apr 2024 11:59

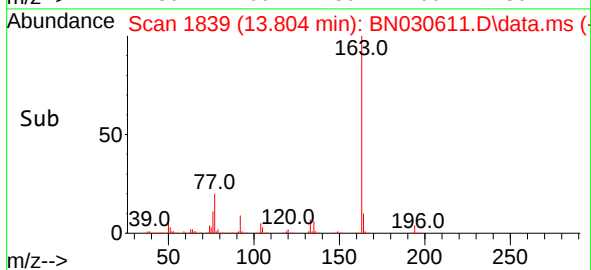
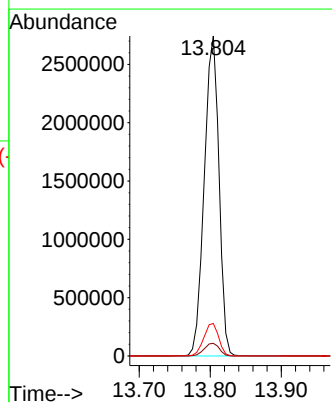
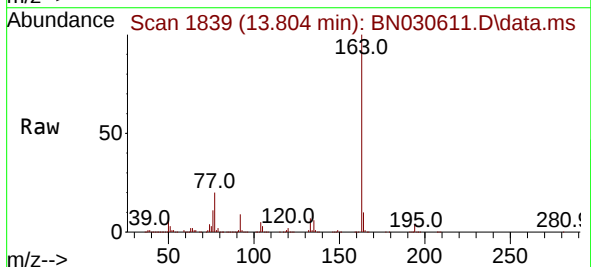
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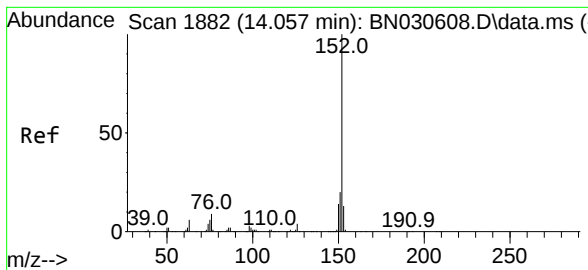
Tgt Ion:142 Resp: 1221618
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2



#47
Dimethylphthalate
Concen: 75.574 ng/ul
RT: 13.804 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BN030611.D
Acq: 02 Apr 2024 11:59

Tgt Ion:163 Resp: 3948751
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.2 12.4

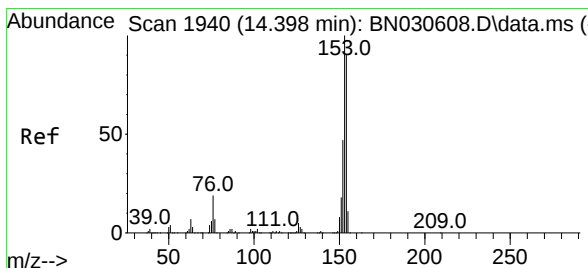
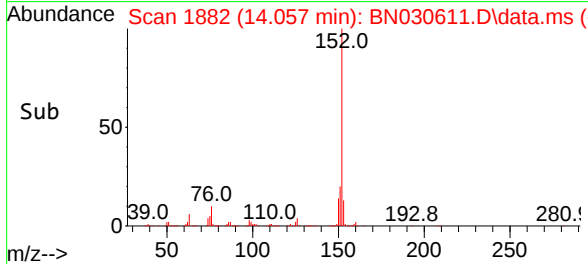
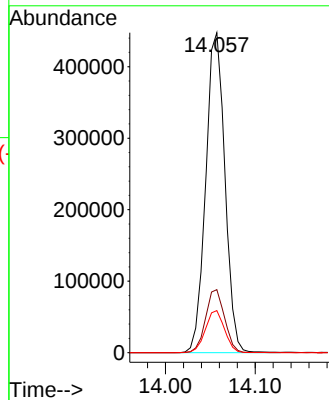
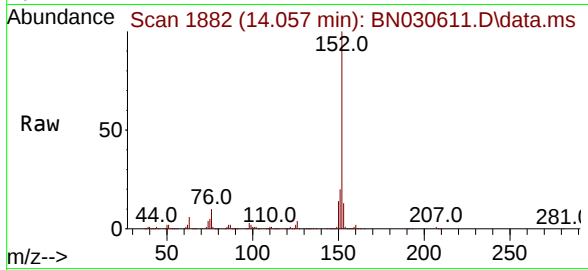




#50
Acenaphthylene
Concen: 9.891 ng/ul
RT: 14.057 min Scan# 1882
Delta R.T. -0.006 min
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Acq: 02 Apr 2024 11:59

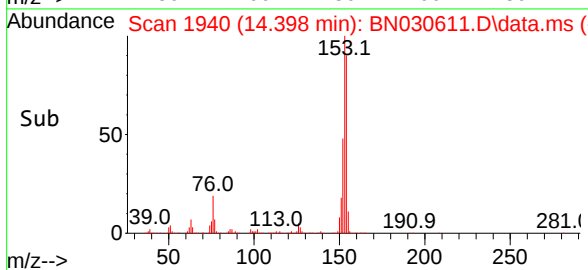
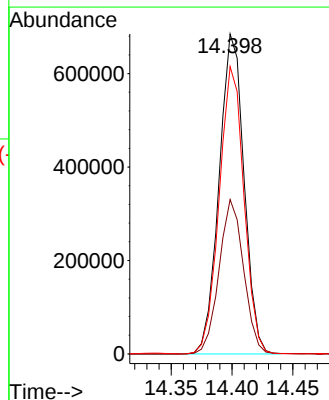
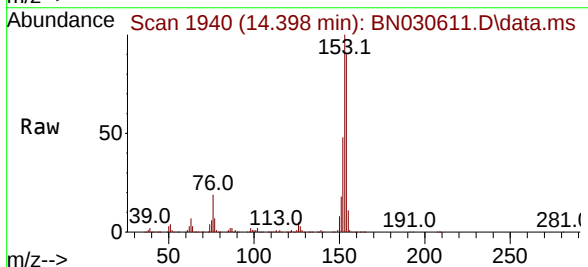
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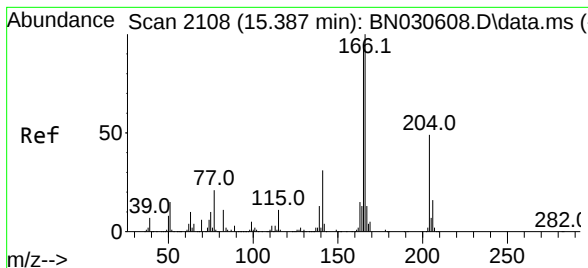
Tgt Ion:152 Resp: 664609
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.1 10.7 16.1



#52
Acenaphthene
Concen: 21.766 ng/ul
RT: 14.398 min Scan# 1940
Delta R.T. -0.006 min
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Tgt Ion:153 Resp: 974653
Ion Ratio Lower Upper
153 100
152 48.2 37.6 56.4
154 89.8 70.3 105.5





#61

Fluorene

Concen: 23.991 ng/ul

RT: 15.387 min Scan# 2108

Delta R.T. -0.006 min

Lab File: BN030611.D

Acq: 02 Apr 2024 11:59

Instrument :

BNA_N

ClientSampleId :

C0AA2DL

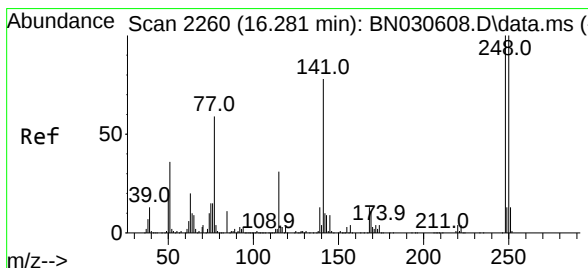
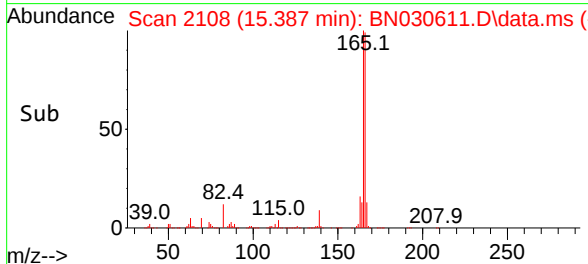
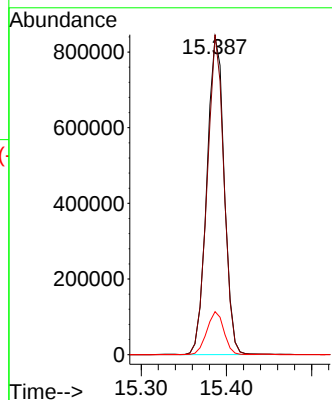
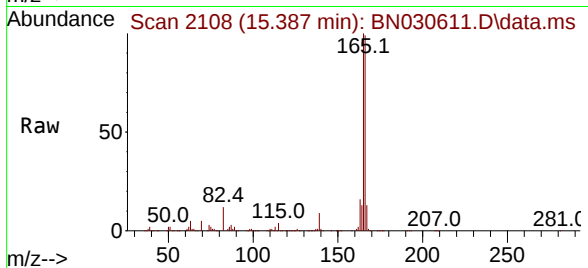
Tgt Ion:166 Resp: 1186979

Ion Ratio Lower Upper

166 100

165 100.6 78.2 117.4

167 13.5 11.0 16.4



#68

4-Bromophenyl-phenylether

Concen: 11.439 ng/ul

RT: 16.281 min Scan# 2260

Delta R.T. -0.006 min

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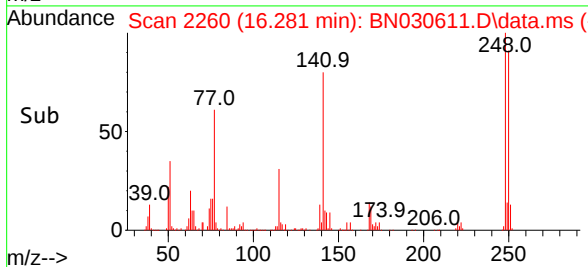
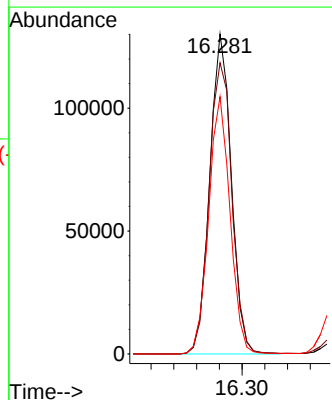
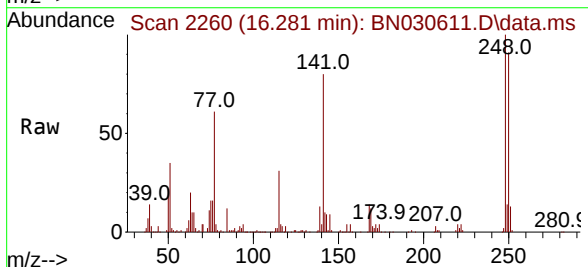
Tgt Ion:248 Resp: 171793

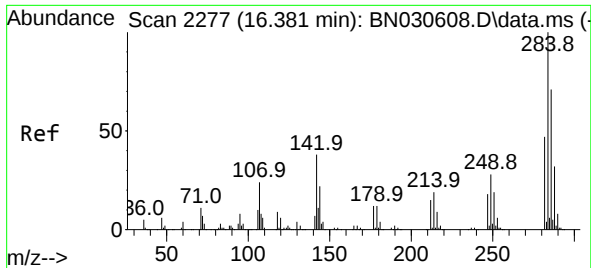
Ion Ratio Lower Upper

248 100

250 91.0 80.0 120.0

141 80.4 60.5 90.7

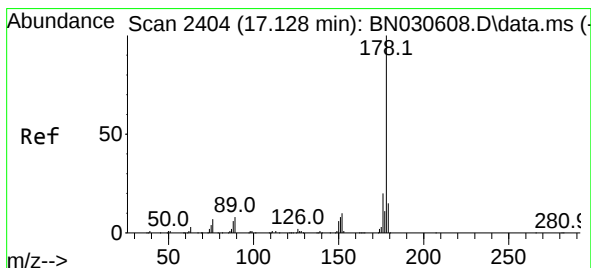
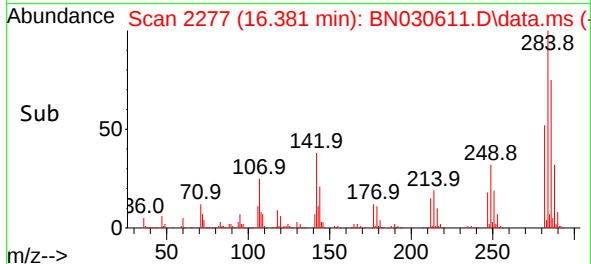
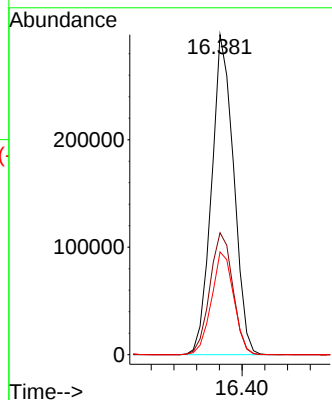
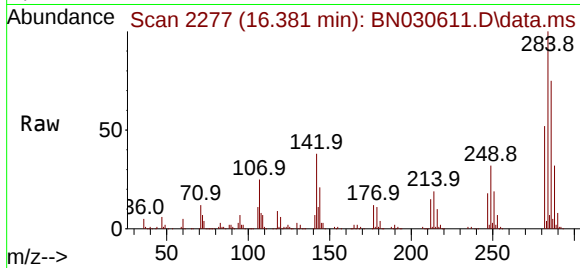




#69
Hexachlorobenzene
Concen: 22.755 ng/ul
RT: 16.381 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN030611.D
Acq: 02 Apr 2024 11:59

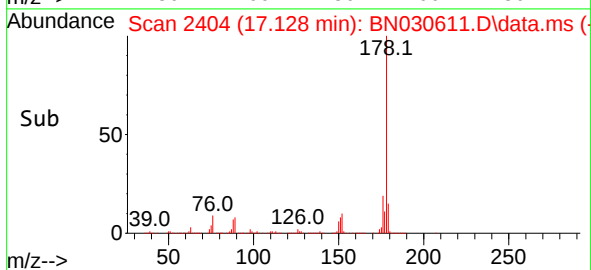
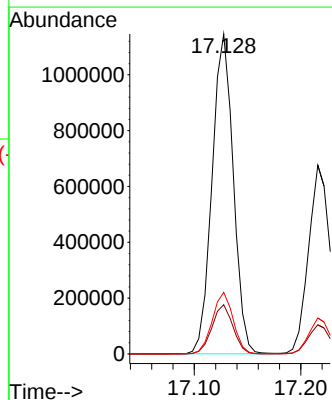
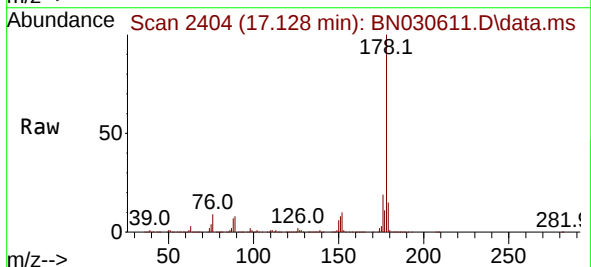
Instrument :
BNA_N
ClientSampleId :
C0AA2DL

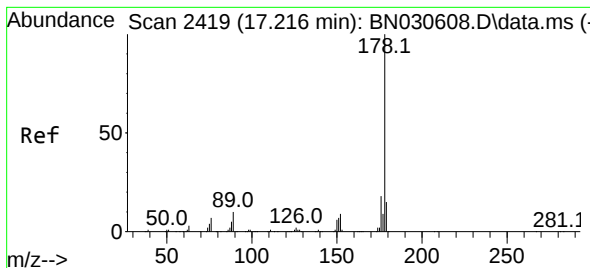
Tgt Ion:284 Resp: 402407
Ion Ratio Lower Upper
284 100
142 38.1 28.6 43.0
249 32.1 25.0 37.4



#72
Phenanthrene
Concen: 19.471 ng/ul
RT: 17.128 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BN030611.D
Acq: 02 Apr 2024 11:59

Tgt Ion:178 Resp: 1582142
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.2 15.0 22.6





#74

Anthracene

Concen: 11.570 ng/ul

RT: 17.216 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BN030611.D

Acq: 02 Apr 2024 11:59

Instrument :

BNA_N

ClientSampleId :

C0AA2DL

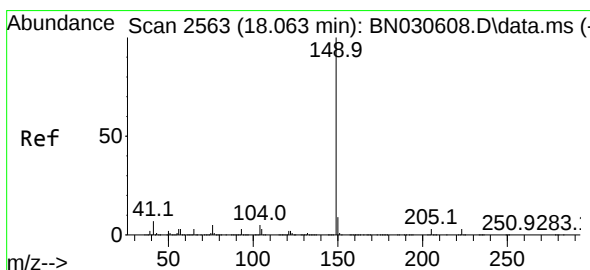
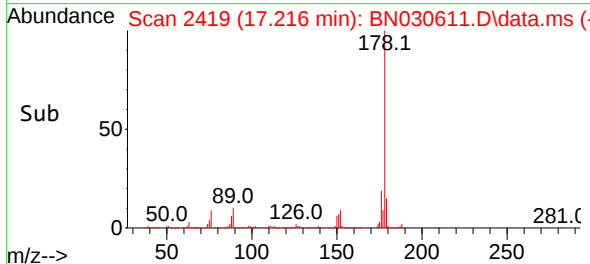
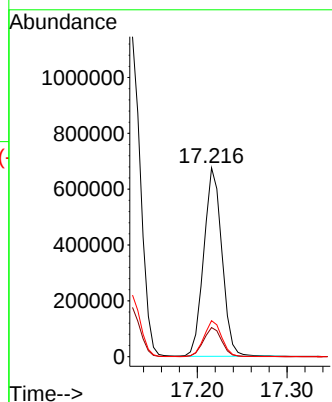
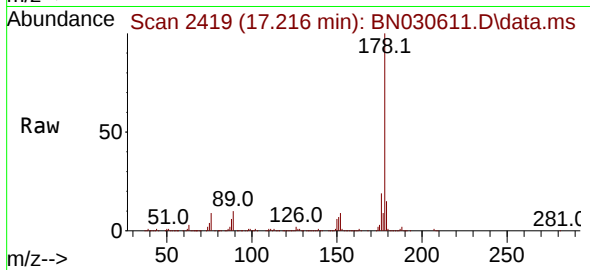
Tgt Ion:178 Resp: 950368

Ion Ratio Lower Upper

178 100

179 15.5 12.0 18.0

176 19.1 15.0 22.4



#78

Di-n-butylphthalate

Concen: 52.792 ng/ul

RT: 18.063 min Scan# 2563

Delta R.T. -0.006 min

Lab File: BN030611.D

Acq: 02 Apr 2024 11:59

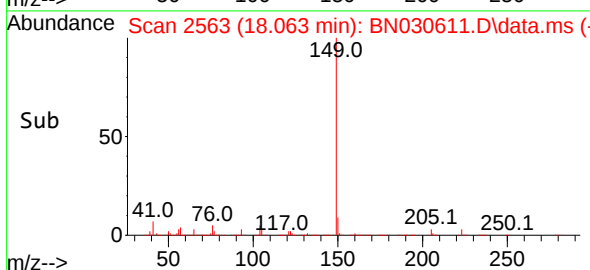
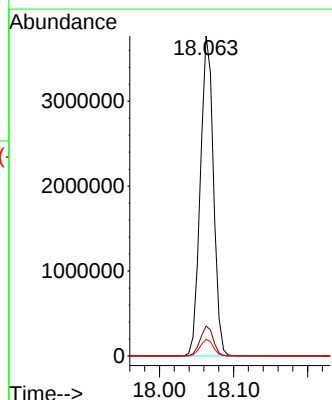
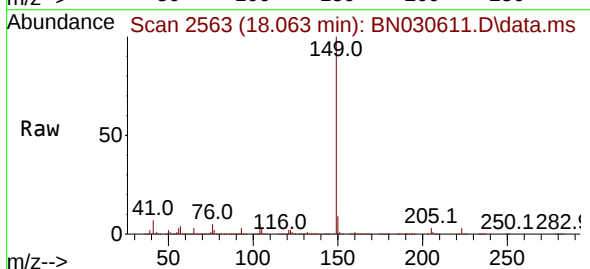
Tgt Ion:149 Resp: 4639318

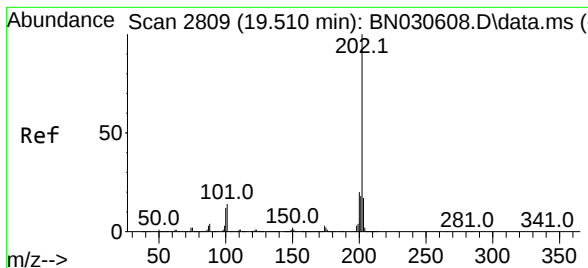
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.2 4.1 6.1





#82

Pyrene

Concen: 12.592 ng/ul

RT: 19.510 min Scan# 2809

Delta R.T. -0.006 min

Lab File: BN030611.D

Acq: 02 Apr 2024 11:59

Instrument :

BNA_N

ClientSampleId :

C0AA2DL

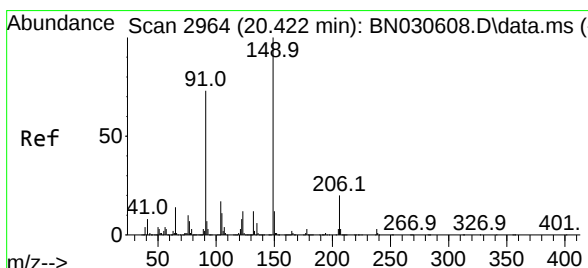
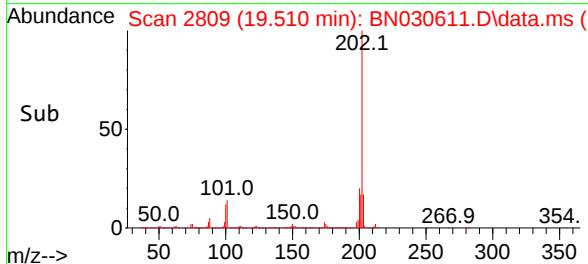
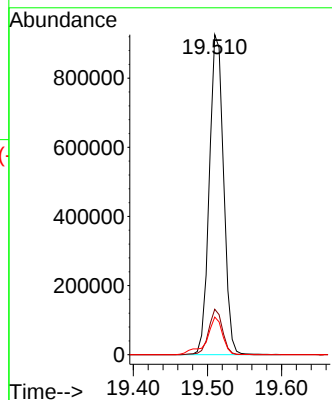
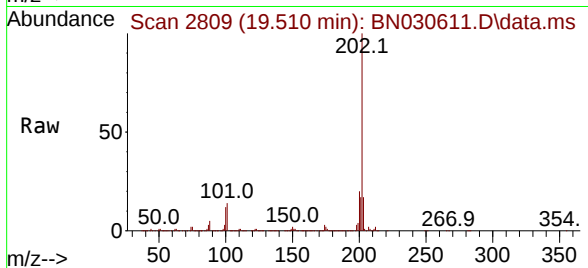
Tgt Ion:202 Resp: 1236603

Ion Ratio Lower Upper

202 100

101 14.2 11.3 16.9

100 11.8 9.2 13.8



#83

Butylbenzylphthalate

Concen: 45.287 ng/ul

RT: 20.427 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BN030611.D

Acq: 02 Apr 2024 11:59

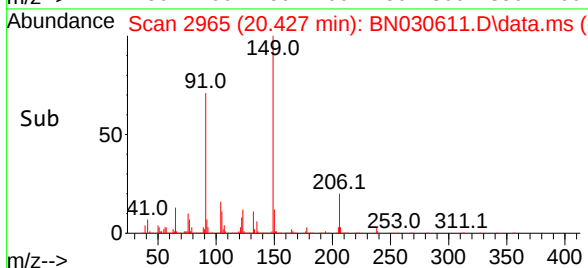
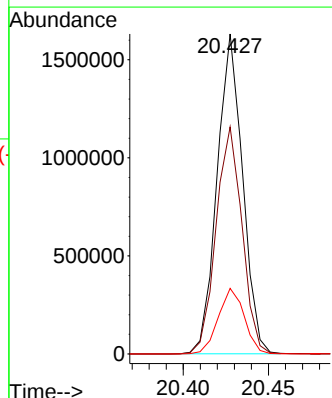
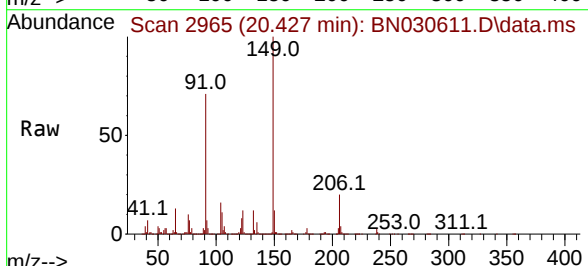
Tgt Ion:149 Resp: 1698389

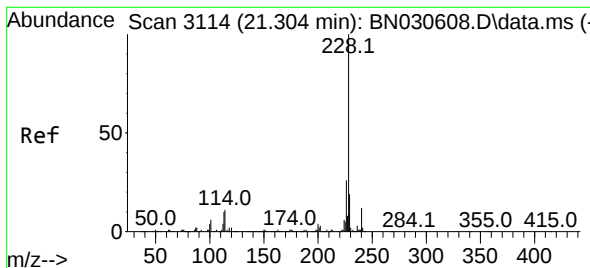
Ion Ratio Lower Upper

149 100

91 70.9 58.2 87.2

206 20.5 15.4 23.0





#85

Benzo(a)anthracene

Concen: 9.419 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BN030611.D

Acq: 02 Apr 2024 11:59

Instrument :

BNA_N

ClientSampleId :

C0AA2DL

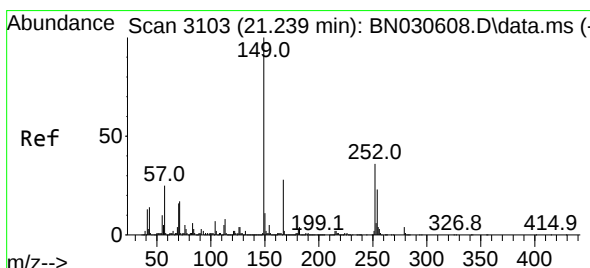
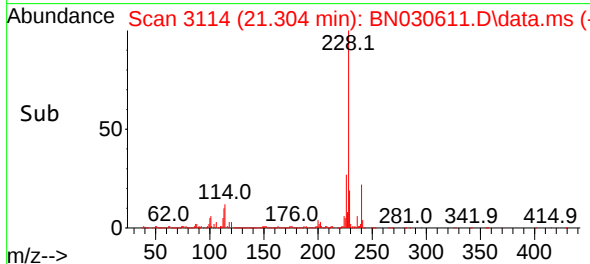
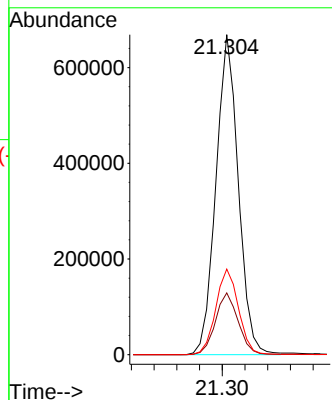
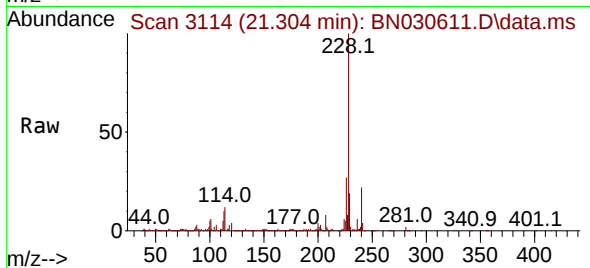
Tgt Ion:228 Resp: 914523

Ion Ratio Lower Upper

228 100

229 19.3 15.8 23.6

226 26.8 20.5 30.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 50.431 ng/ul

RT: 21.245 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BN030611.D

Acq: 02 Apr 2024 11:59

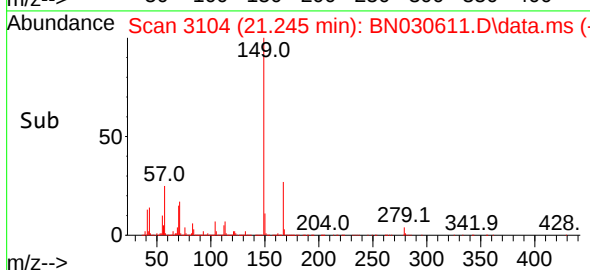
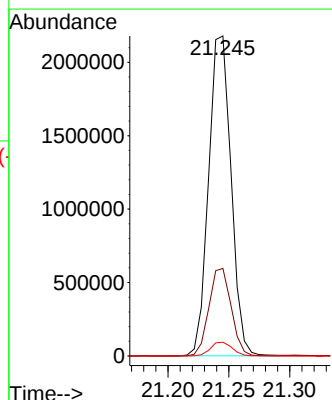
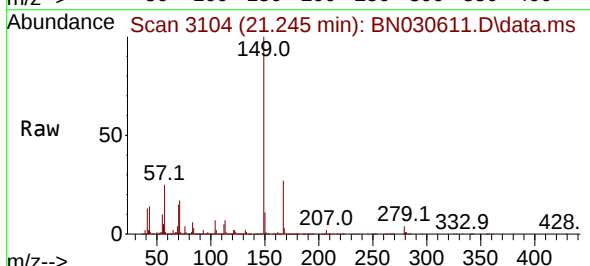
Tgt Ion:149 Resp: 2789130

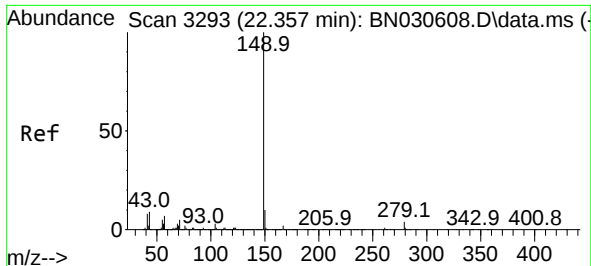
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.3 3.5 5.3

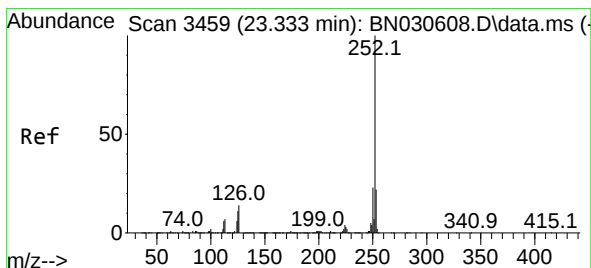
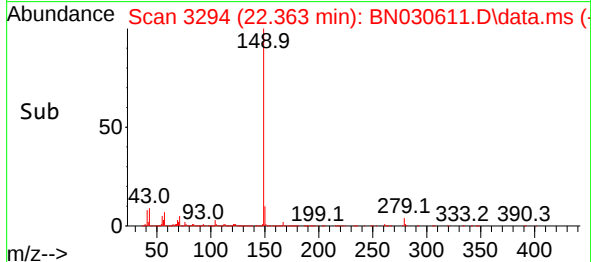
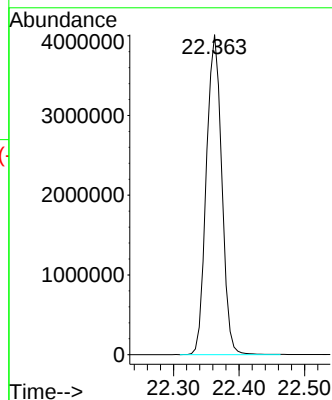
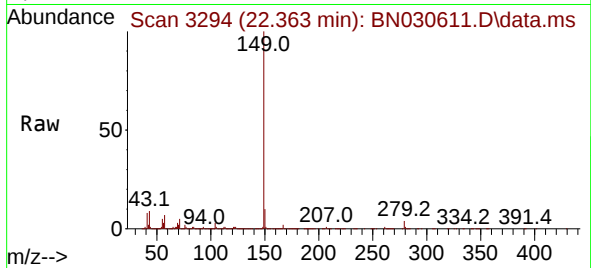




#89
Di-n-octyl phthalate
Concen: 74.711 ng/ul
RT: 22.363 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN030611.D
Acq: 02 Apr 2024 11:59

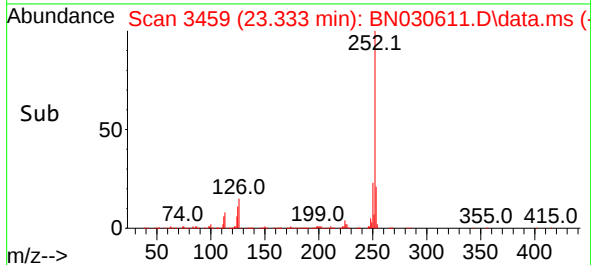
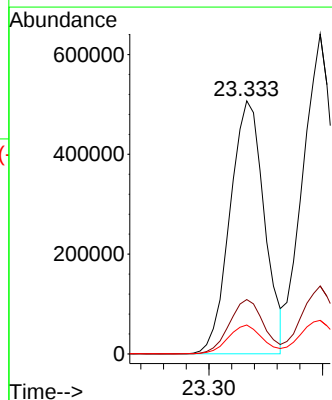
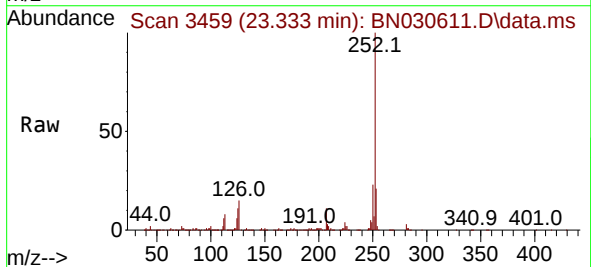
Instrument :
BNA_N
ClientSampleId :
C0AA2DL

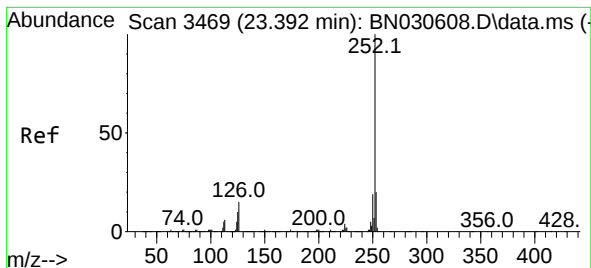
Tgt Ion:149 Resp: 6554506



#90
Benzo(b)fluoranthene
Concen: 13.077 ng/ul
RT: 23.333 min Scan# 3459
Delta R.T. -0.012 min
Lab File: BN030611.D
Acq: 02 Apr 2024 11:59

Tgt Ion:252 Resp: 1066178
Ion Ratio Lower Upper
252 100
253 21.5 16.7 25.1
125 11.4 8.5 12.7





#91

Benzo(k)fluoranthene

Concen: 15.619 ng/ul

RT: 23.398 min Scan# 3469

Delta R.T. -0.006 min

Lab File: BN030611.D

Acq: 02 Apr 2024 11:59

Instrument :

BNA_N

ClientSampleId :

C0AA2DL

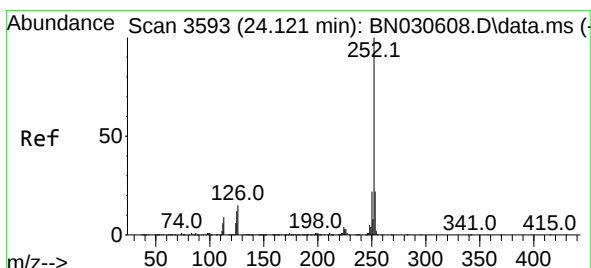
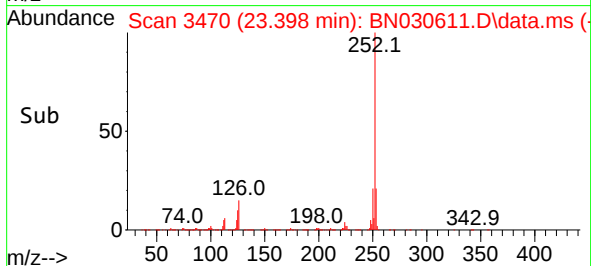
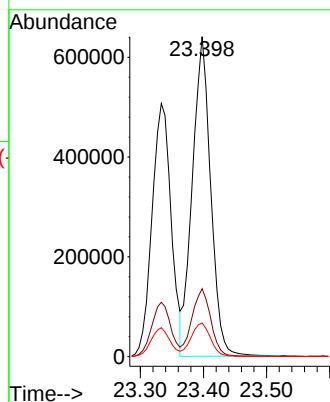
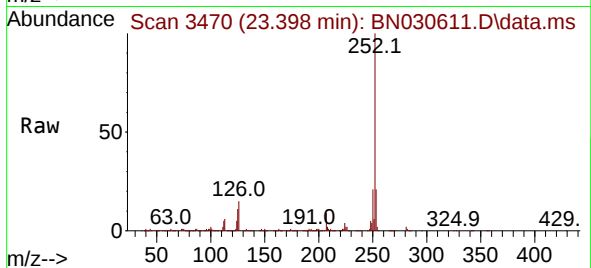
Tgt Ion:252 Resp: 1293222

Ion Ratio Lower Upper

252 100

253 21.2 16.9 25.3

125 10.5 8.5 12.7



#93

Benzo(a)pyrene

Concen: 1.747 ng/ul

RT: 24.115 min Scan# 3592

Delta R.T. -0.024 min

Lab File: BN030611.D

Acq: 02 Apr 2024 11:59

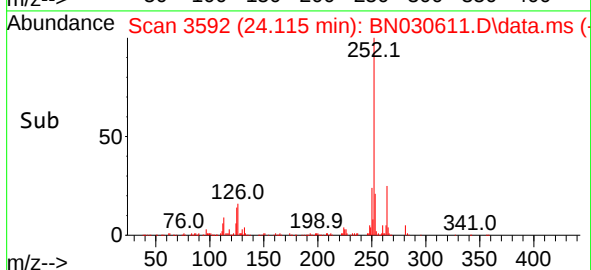
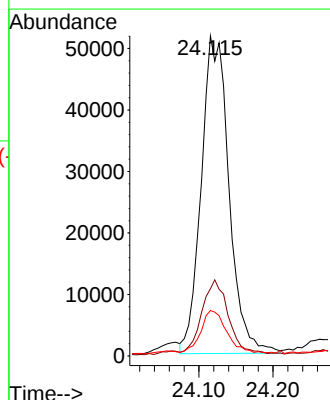
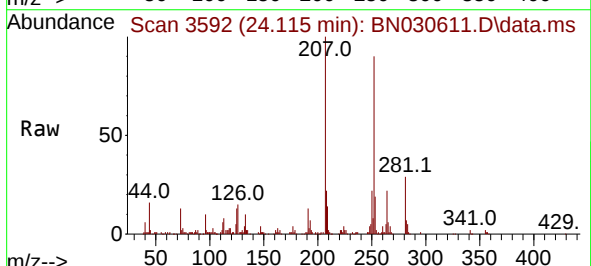
Tgt Ion:252 Resp: 134539

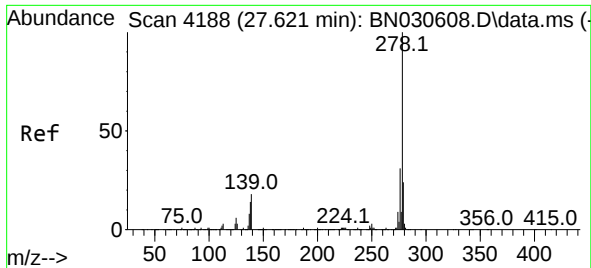
Ion Ratio Lower Upper

252 100

253 21.0 16.7 25.1

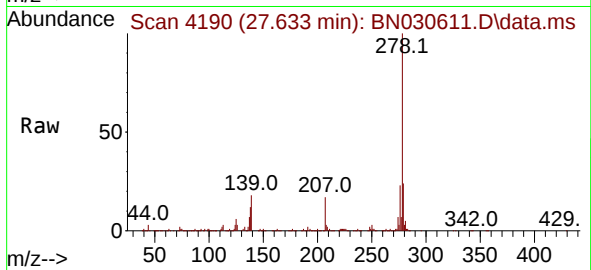
125 14.2 9.6 14.4





#95
 Dibenzo(a,h)anthracene
 Concen: 17.926 ng/ul
 RT: 27.633 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BN030611.D
 Acq: 02 Apr 2024 11:59

Instrument :
 BNA_N
 ClientSampleId :
 C0AA2DL



Tgt Ion:278 Resp: 1256411

Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.2	19.8
279	23.6	17.4	26.2

