

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031175.D
 Acq On : 24 Apr 2024 04:51
 Operator : MA/JU
 Sample : P2181-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK9

Quant Time: Apr 24 05:27:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

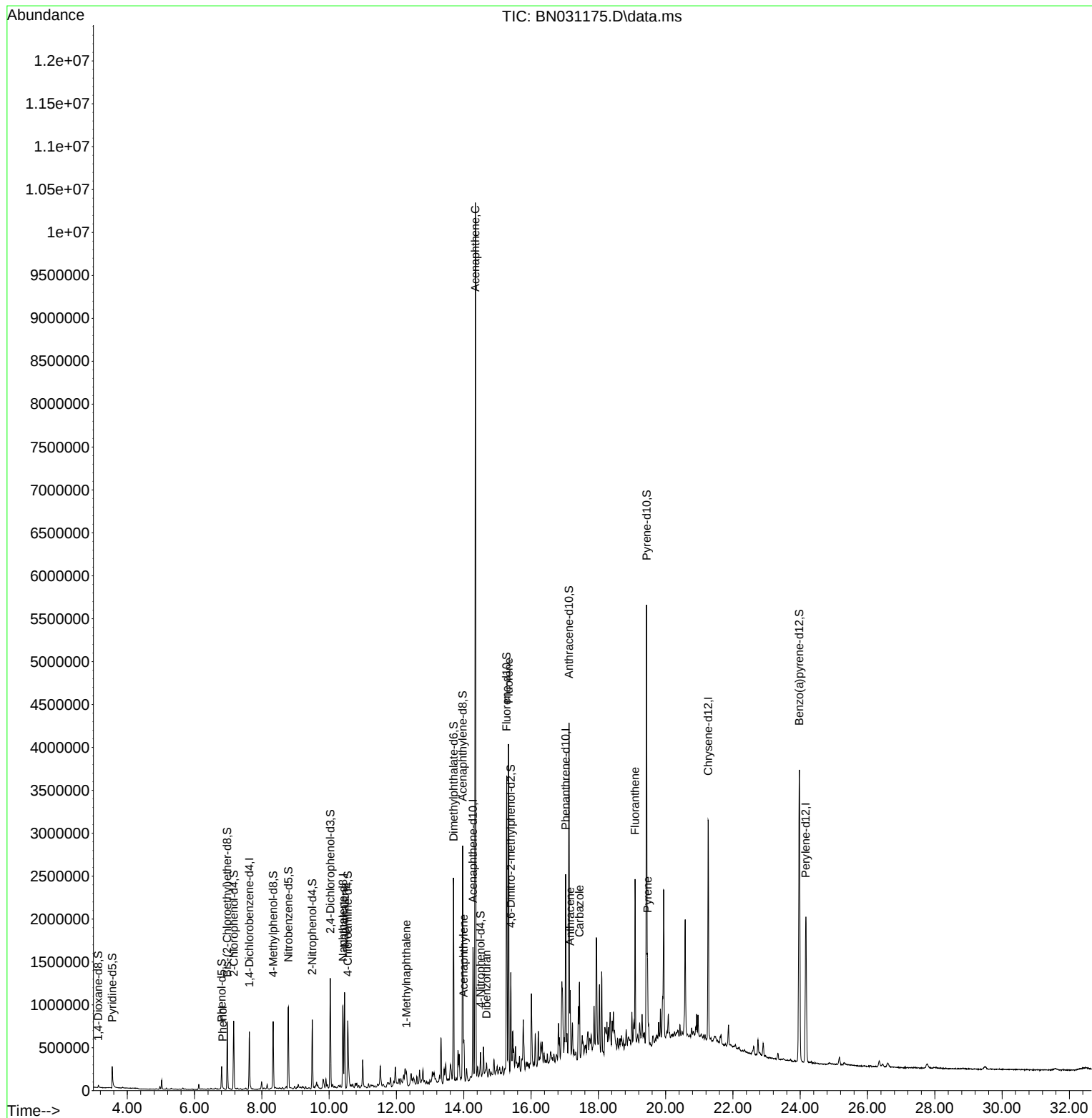
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	177498	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.410	136	810488	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	537327	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1151174	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1308017	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	1468164	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	15672	4.125	ng/uL	0.00
4) Pyridine-d5	3.552	84	154216	14.095	ng/u1	0.00
7) Phenol-d5	6.805	99	150226	10.033	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	328003	37.652	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.163	132	378983	32.508	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	288341	22.898	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	239691	41.161	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	252257	41.674	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	448386	37.562	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	447943	24.013	ng/u1	-0.01
46) Dimethylphthalate-d6	13.698	166	1549771	41.447	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1770322	41.781	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	67536	8.654	ng/u1	0.00
60) Fluorene-d10	15.275	176	1339880	41.163	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	219002	37.708	ng/u1	0.00
73) Anthracene-d10	17.128	188	2119478	42.478	ng/u1	0.00
81) Pyrene-d10	19.433	212	2624843	40.838	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	3079459	44.232	ng/u1	0.00
Target Compounds						Qvalue
8) Phenol	6.834	94	15963	1.034	ng/u1	99
30) Naphthalene	10.457	128	868471	20.676	ng/u1	100
37) 1-Methylnaphthalene	12.298	142	57242	1.910	ng/u1#	100
50) Acenaphthylene	13.998	152	74526	1.506	ng/u1#	87
52) Acenaphthene	14.345	153	4468814	136.201	ng/u1	97
56) Dibenzofuran	14.675	168	53166	1.172	ng/u1#	86
61) Fluorene	15.334	166	1720535	46.087	ng/u1	98
74) Anthracene	17.163	178	365335	5.929	ng/u1	98
77) Carbazole	17.439	167	502927	8.935	ng/u1	99
80) Fluoranthene	19.092	202	1083253	14.240	ng/u1	99
82) Pyrene	19.463	202	600044	7.507	ng/u1	98

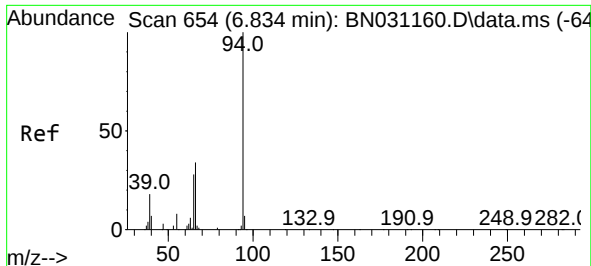
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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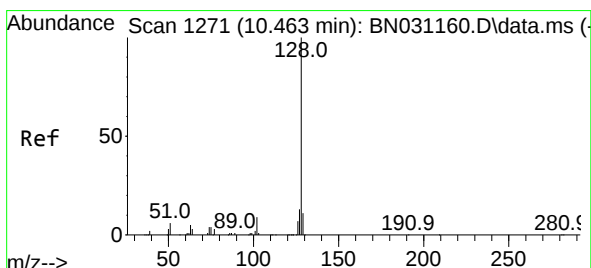
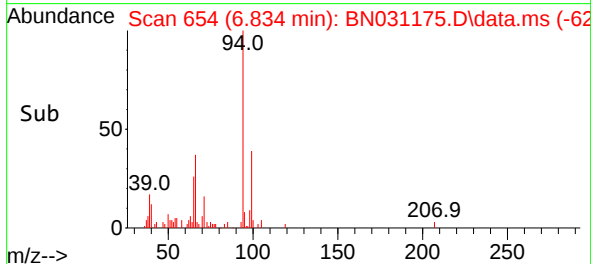
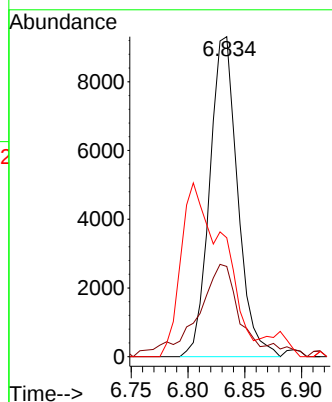
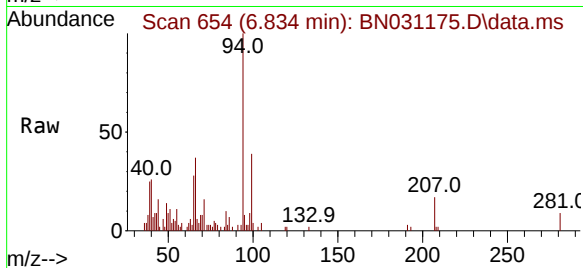




#8
Phenol
Concen: 1.034 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN031175.D
Acq: 24 Apr 2024 04:51

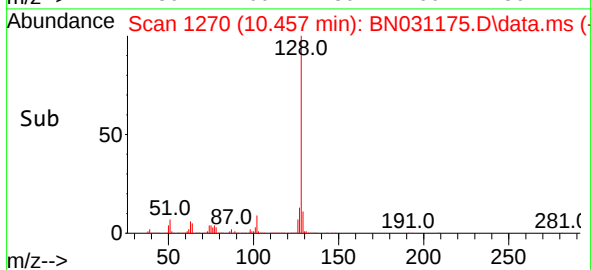
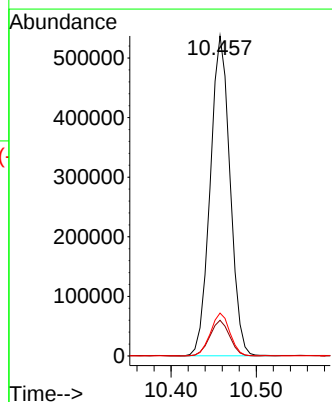
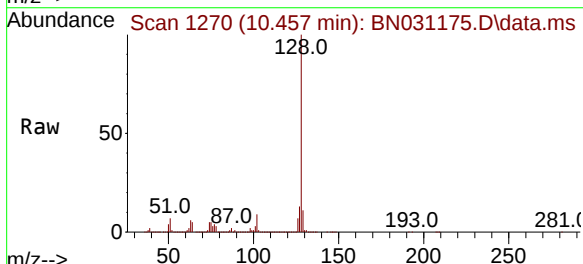
Instrument :
BNA_N
ClientSampleId :
C0AK9

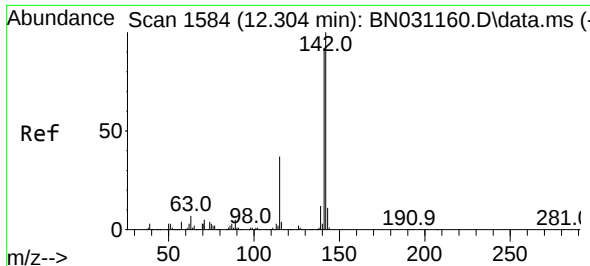
Tgt Ion: 94 Resp: 15963
Ion Ratio Lower Upper
94 100
65 28.2 22.0 33.0
66 37.1 29.8 44.6



#30
Naphthalene
Concen: 20.676 ng/ul
RT: 10.457 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BN031175.D
Acq: 24 Apr 2024 04:51

Tgt Ion:128 Resp: 868471
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.4 10.5 15.7

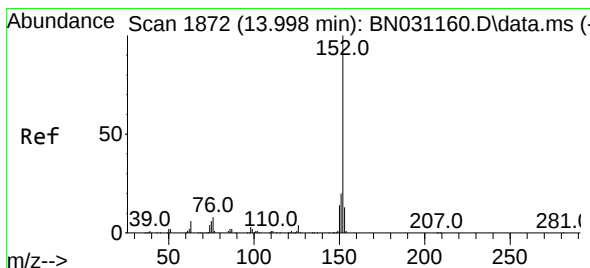
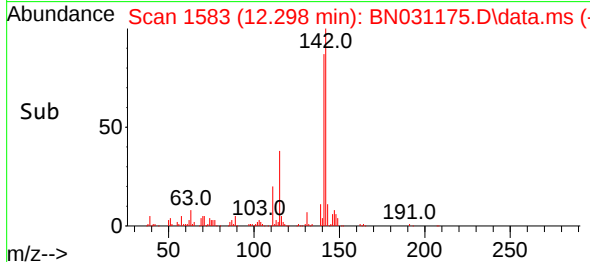
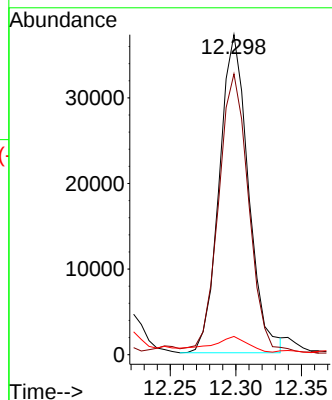
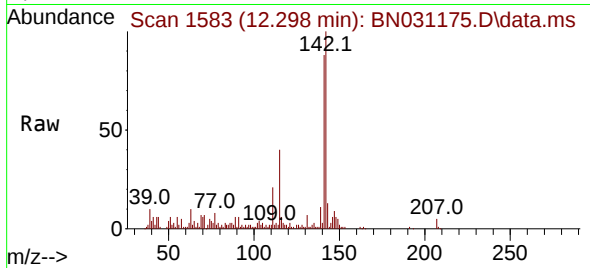




#37
1-Methylnaphthalene
Concen: 1.910 ng/ul
RT: 12.298 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN031175.D
Acq: 24 Apr 2024 04:51

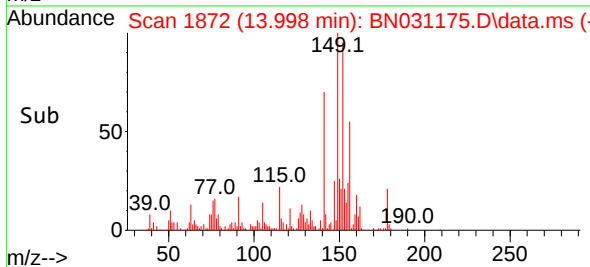
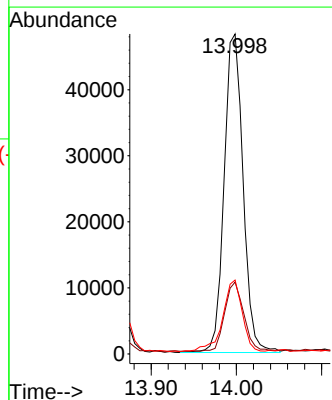
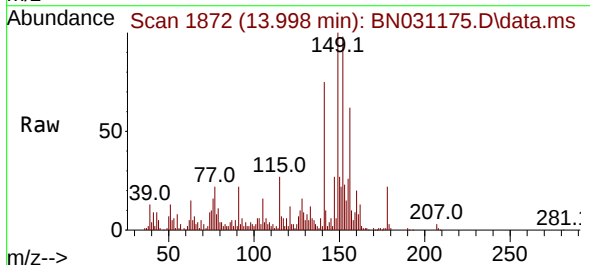
Instrument :
BNA_N
ClientSampleId :
C0AK9

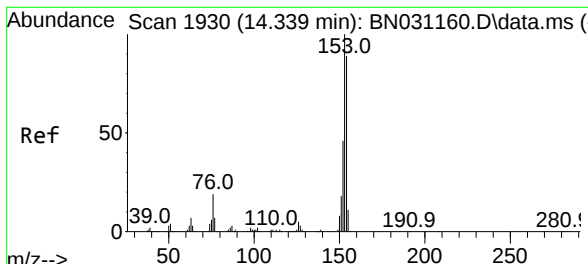
Tgt Ion:142 Resp: 57242
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.4
116 5.7 3.1 4.7#



#50
Acenaphthylene
Concen: 1.506 ng/ul
RT: 13.998 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BN031175.D
Acq: 24 Apr 2024 04:51

Tgt Ion:152 Resp: 74526
Ion Ratio Lower Upper
152 100
151 22.5 15.8 23.8
153 23.1 10.5 15.7#



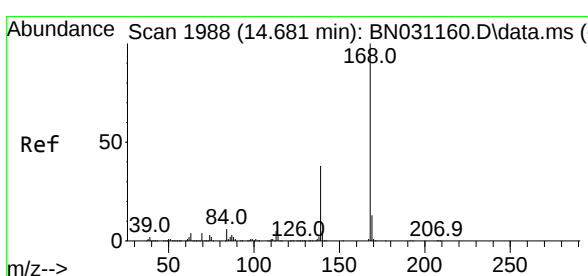
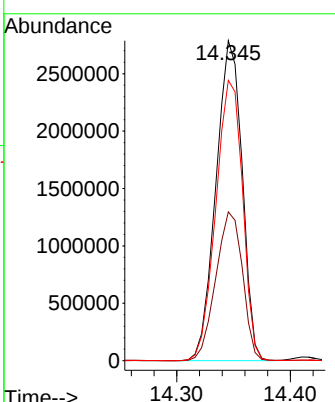
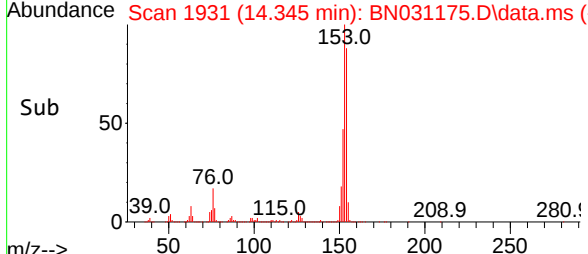
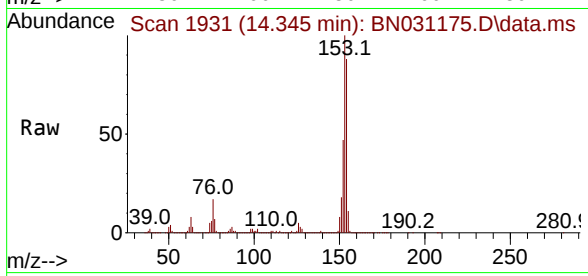


#52
 Acenaphthene
 Concen: 136.201 ng/ul
 RT: 14.345 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BN031175.D
 Acq: 24 Apr 2024 04:51

Instrument :
 BNA_N
 ClientSampleId :
 C0AK9

Tgt Ion:153 Resp: 4468814

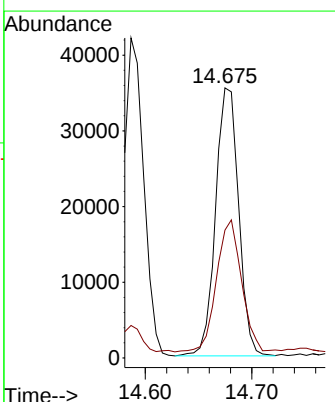
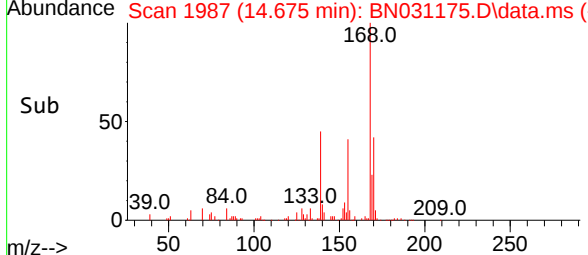
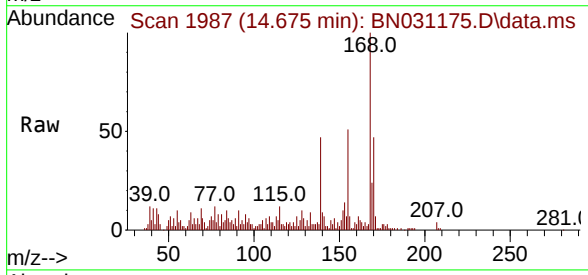
Ion	Ratio	Lower	Upper
153	100		
152	46.5	36.3	54.5
154	87.6	72.4	108.6

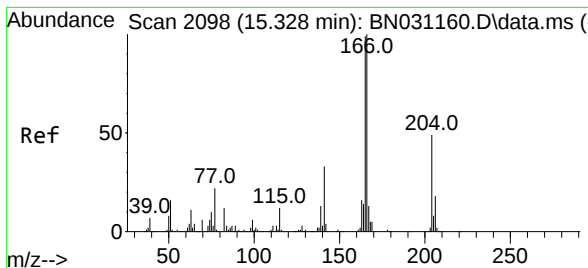


#56
 Dibenzofuran
 Concen: 1.172 ng/ul
 RT: 14.675 min Scan# 1987
 Delta R.T. -0.012 min
 Lab File: BN031175.D
 Acq: 24 Apr 2024 04:51

Tgt Ion:168 Resp: 53166

Ion	Ratio	Lower	Upper
168	100		
139	47.4	31.0	46.6





#61

Fluorene

Concen: 46.087 ng/u1

RT: 15.334 min Scan# 2098

Delta R.T. -0.000 min

Lab File: BN031175.D

Acq: 24 Apr 2024 04:51

Instrument :

BNA_N

ClientSampleId :

C0AK9

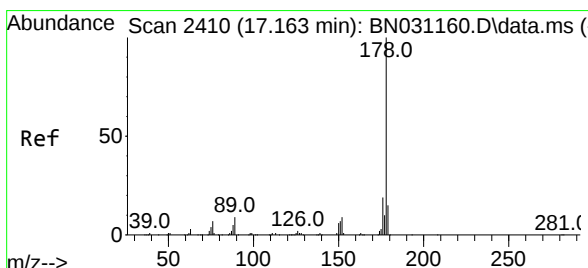
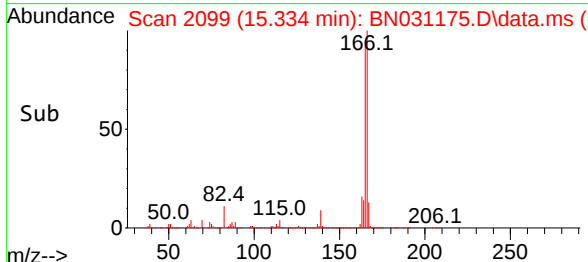
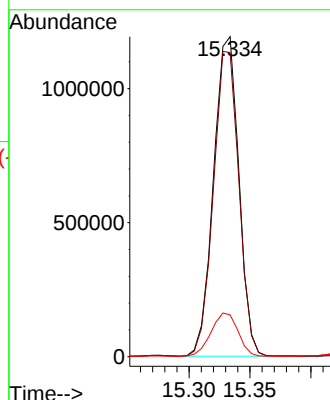
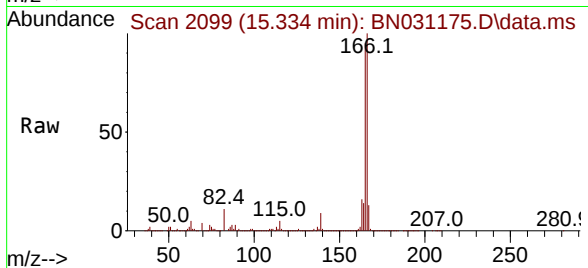
Tgt Ion:166 Resp: 1720535

Ion Ratio Lower Upper

166 100

165 95.1 74.6 112.0

167 13.0 10.6 16.0



#74

Anthracene

Concen: 5.929 ng/u1

RT: 17.163 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BN031175.D

Acq: 24 Apr 2024 04:51

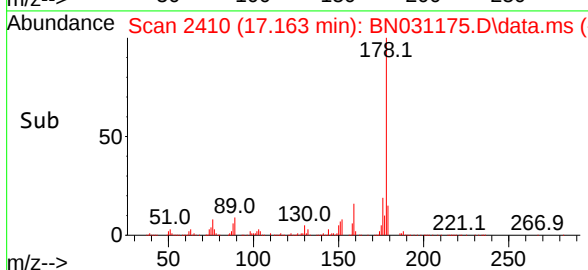
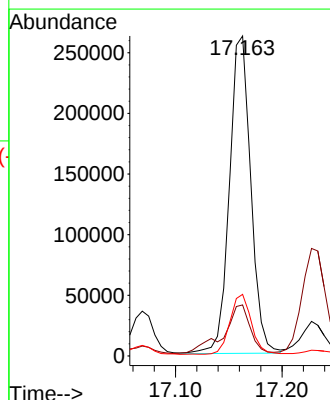
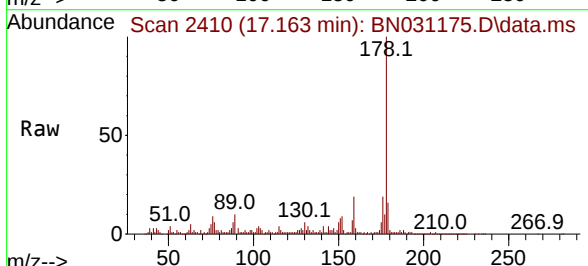
Tgt Ion:178 Resp: 365335

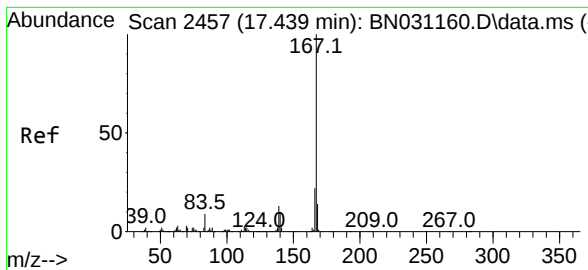
Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

176 19.3 14.4 21.6





#77

Carbazole

Concen: 8.935 ng/ul

RT: 17.439 min Scan# 2457

Delta R.T. -0.000 min

Lab File: BN031175.D

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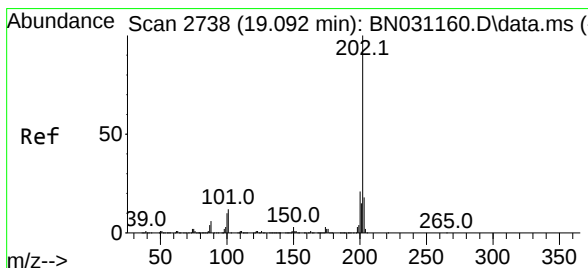
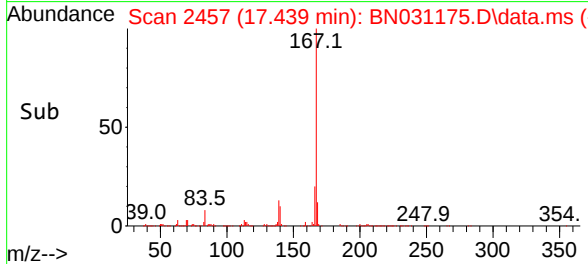
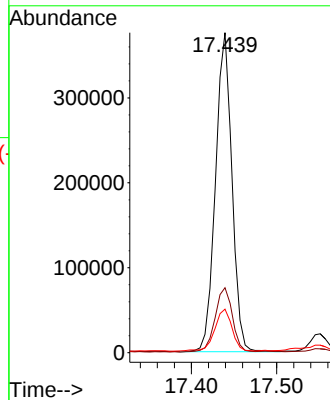
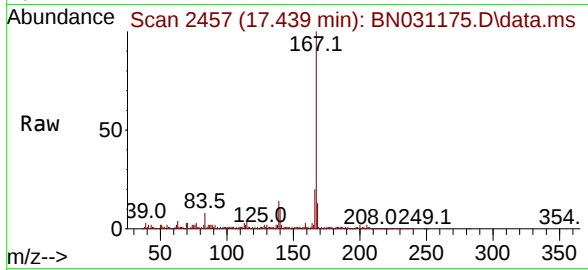
Tgt Ion:167 Resp: 502927

Ion Ratio Lower Upper

167 100

166 20.3 16.2 24.2

139 13.6 10.6 15.8



#80

Fluoranthene

Concen: 14.240 ng/ul

RT: 19.092 min Scan# 2738

Delta R.T. -0.006 min

Lab File: BN031175.D

Acq: 24 Apr 2024 04:51

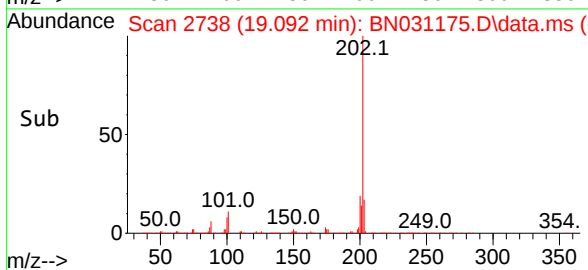
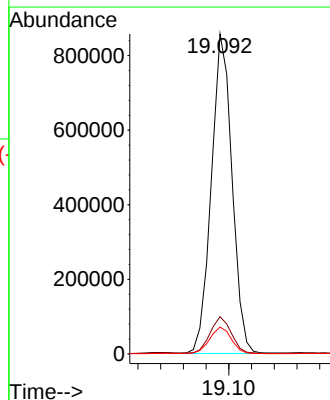
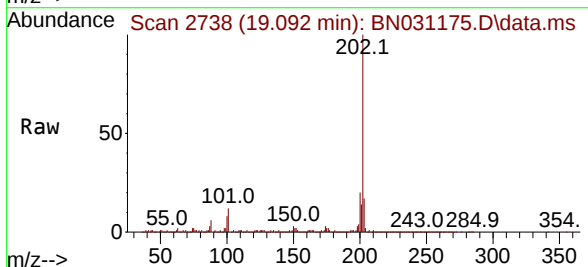
Tgt Ion:202 Resp: 1083253

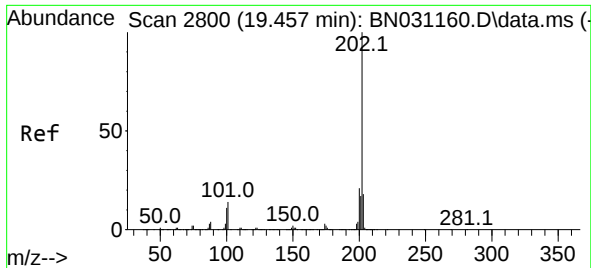
Ion Ratio Lower Upper

202 100

101 11.7 9.0 13.6

100 8.4 6.9 10.3





#82

Pyrene

Concen: 7.507 ng/ul

RT: 19.463 min Scan# 2801

Delta R.T. -0.000 min

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Instrument :

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ClientSampleId :

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Tgt Ion:202 Resp: 600044

Ion Ratio Lower Upper

202 100

101 13.2 11.1 16.7

100 10.7 9.3 13.9

