

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
 Data File : BN015996.D
 Acq On : 20 Aug 2021 21:26
 Operator : CG/JU
 Sample : M3448-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKE7

Quant Time: Aug 20 23:27:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 20 04:24:09 2021
 Response via : Initial Calibration

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

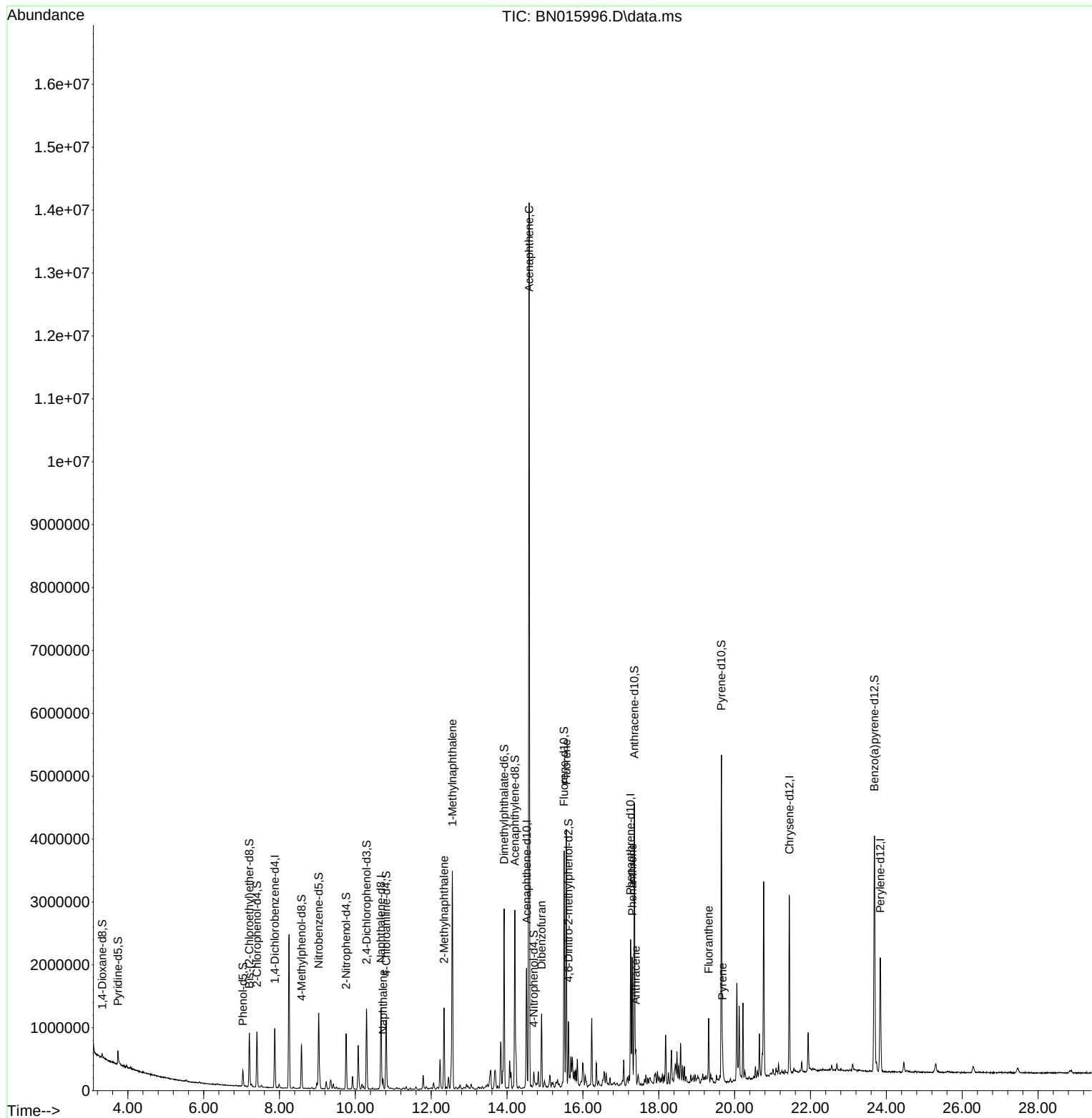
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	254535	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	1029493	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	633844	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1303499	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	1328823	20.000	ng/u1	0.00
88) Perylene-d12	23.839	264	1357919	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	25422	3.890	ng/uL	0.00
4) Pyridine-d5	3.740	84	123665	6.772	ng/u1	0.00
7) Phenol-d5	7.034	99	130309	5.660	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	396821	27.992	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	366394	22.364	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	251412	14.039	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	261075	34.455	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	246348	34.738	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	430542	28.056	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	553688	23.703	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	1713639	36.890	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	1899350	32.649	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	48485	5.901	ng/u1	0.00
60) Fluorene-d10	15.504	176	1441146	35.566	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	194677	27.965	ng/u1	0.00
73) Anthracene-d10	17.357	188	2393318	39.173	ng/u1	0.00
81) Pyrene-d10	19.651	212	2752111	38.451	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	2830941	38.558	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.728	128	105846	1.920	ng/u1	98
36) 2-Methylnaphthalene	12.340	142	575530	15.010	ng/u1	99
37) 1-Methylnaphthalene	12.557	142	1511995	39.617	ng/u1	100
52) Acenaphthene	14.581	153	5618185	140.455	ng/u1	99
56) Dibenzofuran	14.910	168	650238	11.758	ng/u1	99
61) Fluorene	15.563	166	1834912	40.661	ng/u1	99
72) Phenanthrene	17.304	178	1172225	16.542	ng/u1	99
74) Anthracene	17.392	178	309620	4.280	ng/u1	98
80) Fluoranthene	19.316	202	564615	6.520	ng/u1	99
82) Pyrene	19.680	202	300588	3.335	ng/u1	98

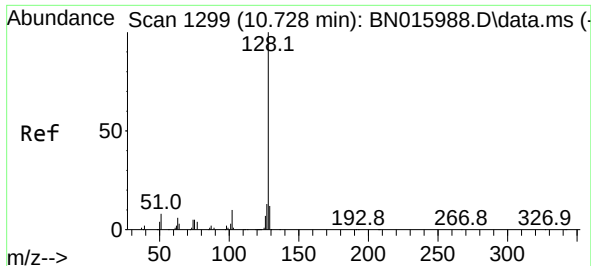
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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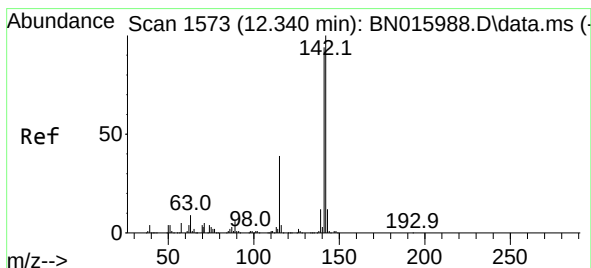
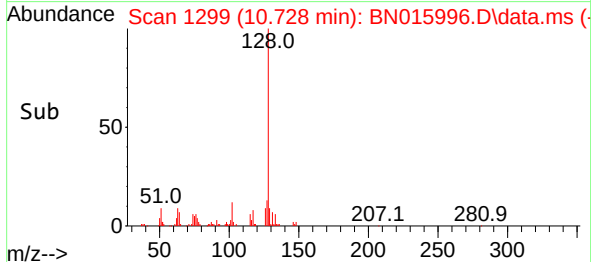
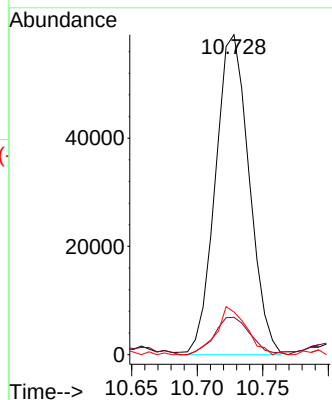
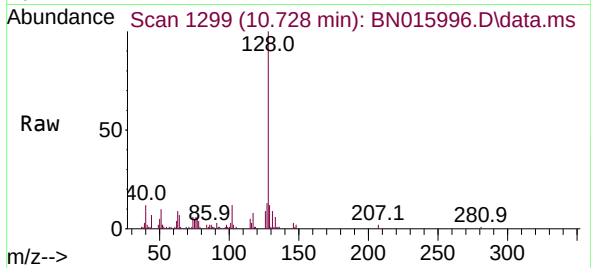




#30
Naphthalene
Concen: 1.920 ng/ul
RT: 10.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BN015996.D
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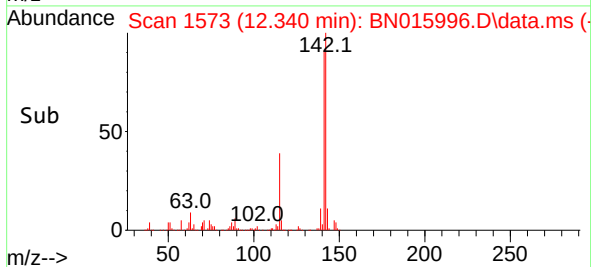
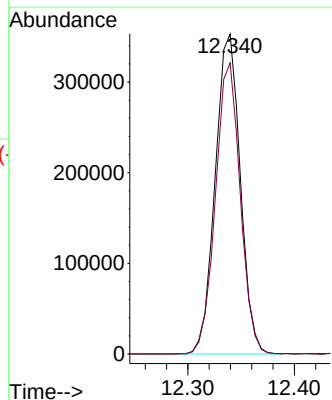
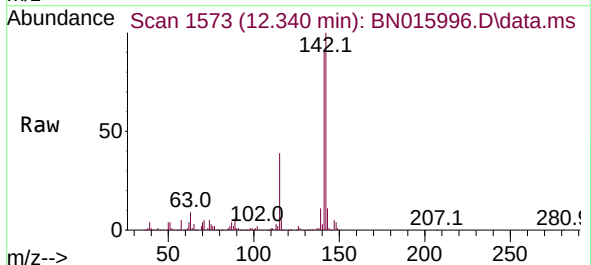
Instrument :
BNA_N
ClientSampled :
DBKE7

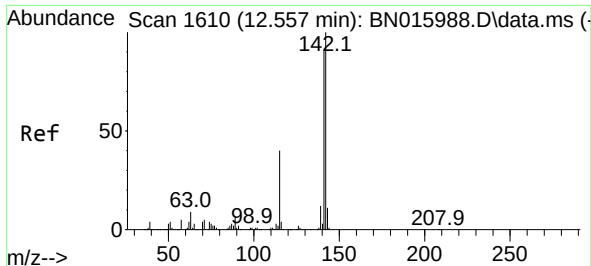
Tgt Ion:128 Resp: 105846
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.4 11.1 16.7



#36
2-Methylnaphthalene
Concen: 15.010 ng/ul
RT: 12.340 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BN015996.D
Acq: 20 Aug 2021 21:26

Tgt Ion:142 Resp: 575530
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.0

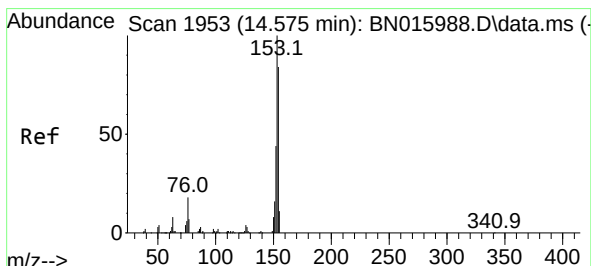
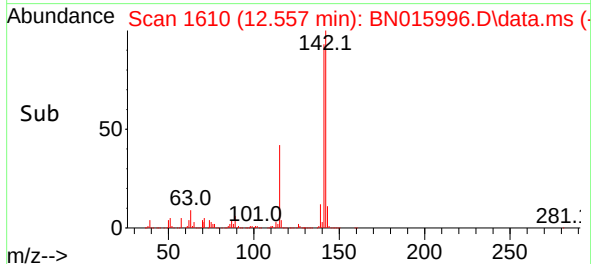
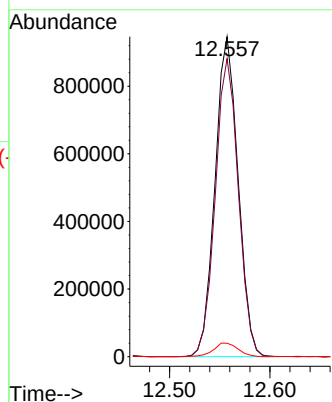
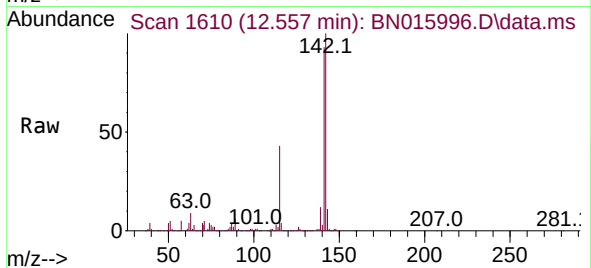




#37
1-Methylnaphthalene
Concen: 39.617 ng/ul
RT: 12.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN015996.D
Acq: 20 Aug 2021 21:26

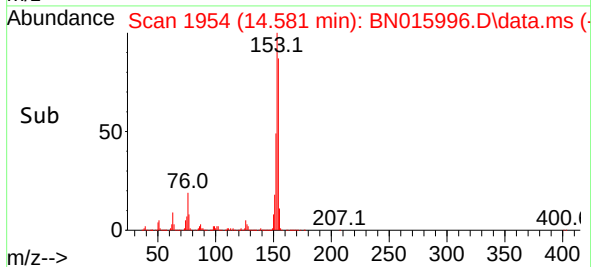
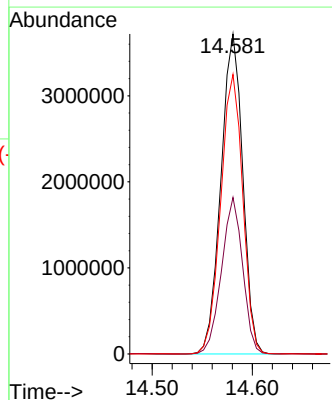
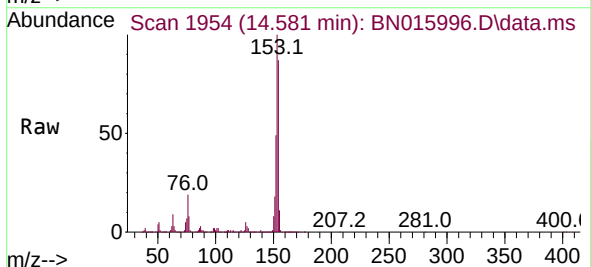
Instrument :
BNA_N
ClientSampleId :
DBKE7

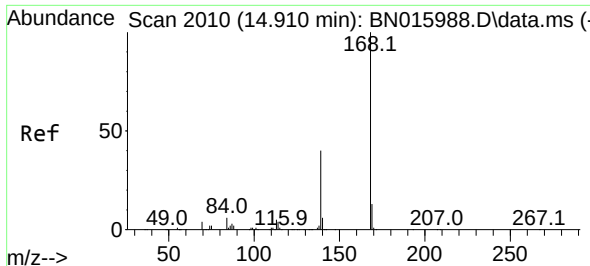
Tgt Ion:142 Resp: 1511995
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4
116 4.2 3.4 5.0



#52
Acenaphthene
Concen: 140.455 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BN015996.D
Acq: 20 Aug 2021 21:26

Tgt Ion:153 Resp: 5618185
Ion Ratio Lower Upper
153 100
152 48.9 38.6 57.8
154 87.4 69.3 103.9

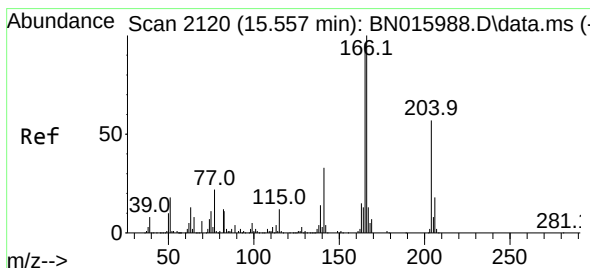
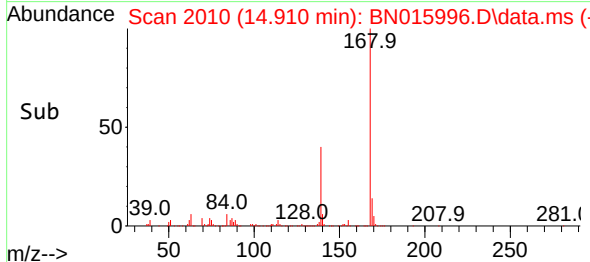
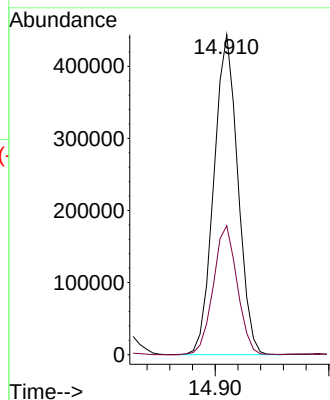
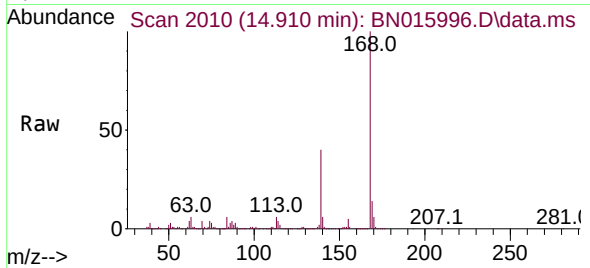




#56
Dibenzenofuran
Concen: 11.758 ng/ul
RT: 14.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BN015996.D
Acq: 20 Aug 2021 21:26

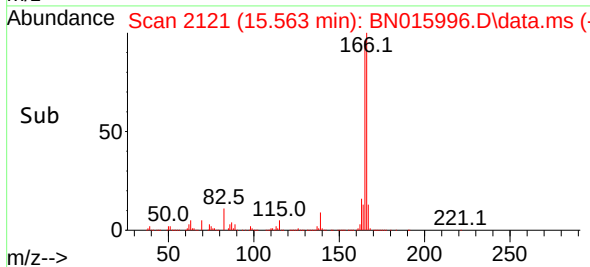
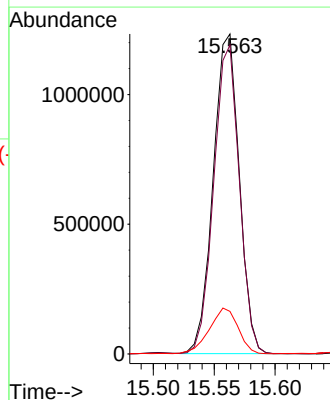
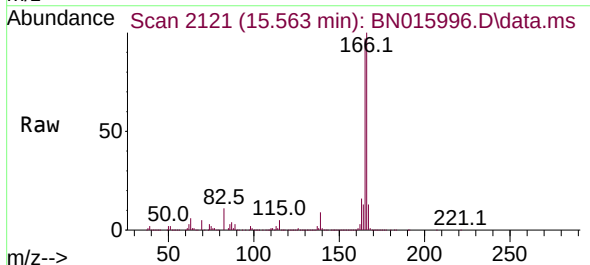
Instrument :
BNA_N
ClientSampled :
DBKE7

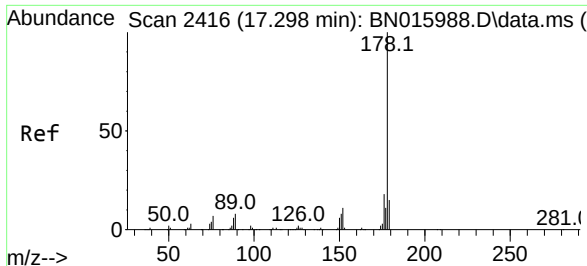
Tgt Ion:168 Resp: 650238
Ion Ratio Lower Upper
168 100
139 40.3 31.8 47.6



#61
Fluorene
Concen: 40.661 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BN015996.D
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Tgt Ion:166 Resp: 1834912
Ion Ratio Lower Upper
166 100
165 96.6 78.4 117.6
167 13.3 10.8 16.2

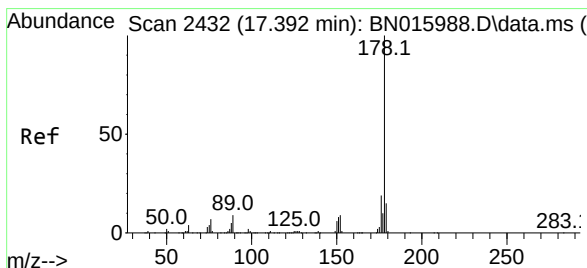
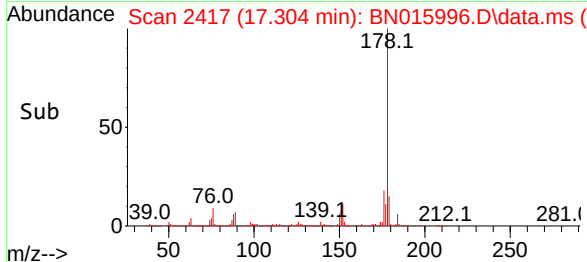
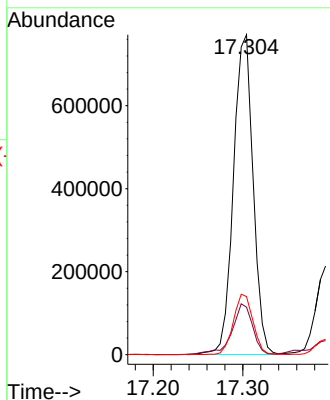
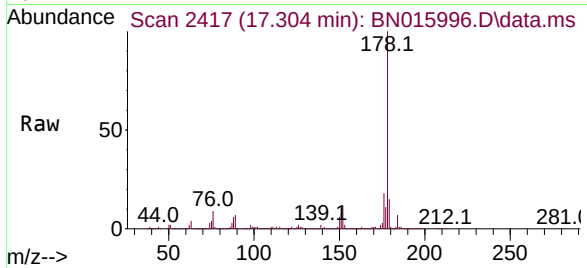




#72
Phenanthrene
Concen: 16.542 ng/ul
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN015996.D
Acq: 20 Aug 2021 21:26

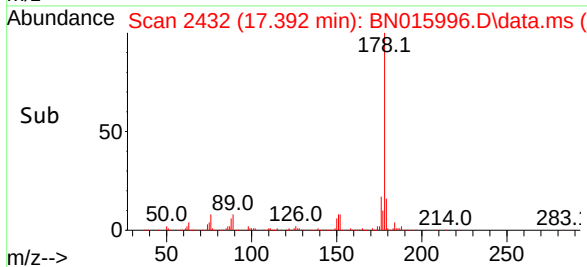
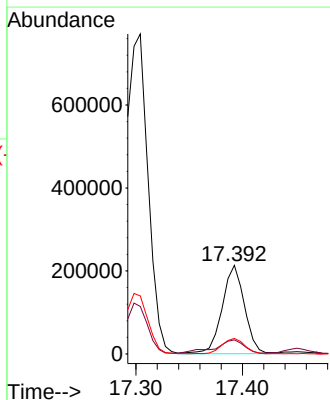
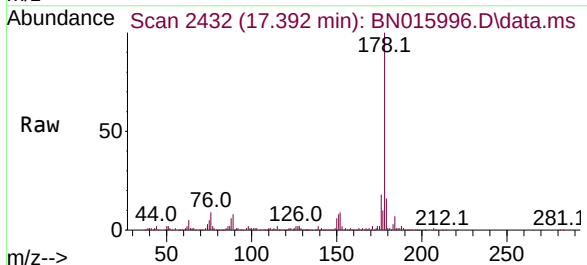
Instrument :
BNA_N
ClientSampled :
DBKE7

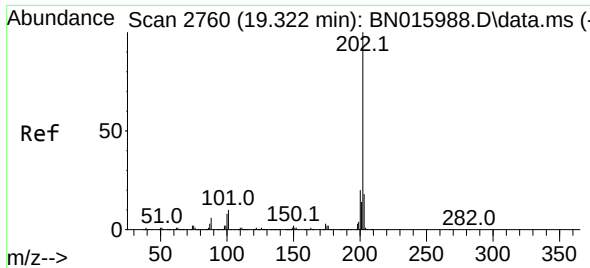
Tgt Ion:178 Resp: 1172225
Ion Ratio Lower Upper
178 100
179 14.9 12.5 18.7
176 18.2 14.6 21.8



#74
Anthracene
Concen: 4.280 ng/ul
RT: 17.392 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN015996.D
Acq: 20 Aug 2021 21:26

Tgt Ion:178 Resp: 309620
Ion Ratio Lower Upper
178 100
179 15.9 11.6 17.4
176 17.6 14.4 21.6

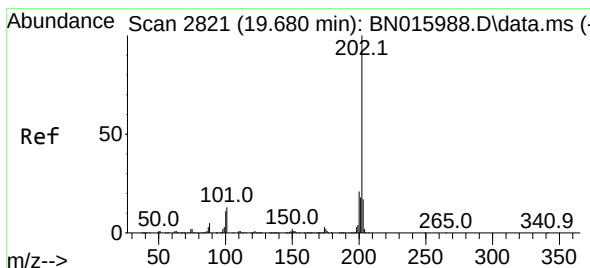
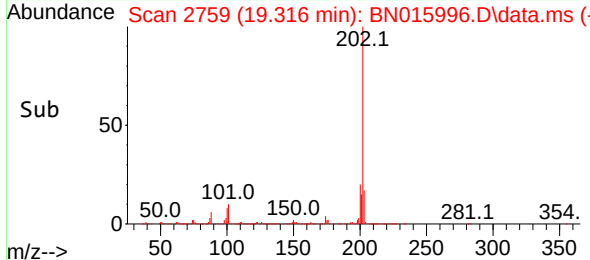
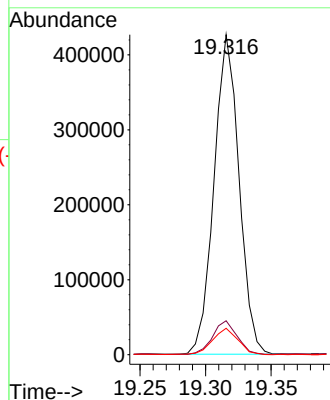
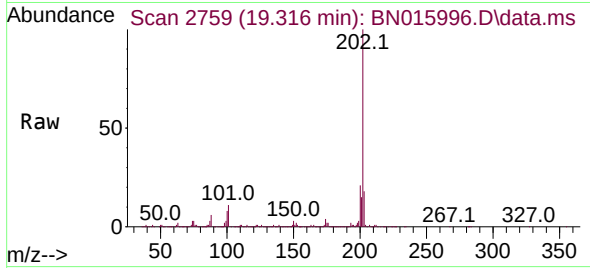




#80
Fluoranthene
Concen: 6.520 ng/ul
RT: 19.316 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BN015996.D
Acq: 20 Aug 2021 21:26

Instrument :
BNA_N
ClientSampled :
DBKE7

Tgt Ion:202 Resp: 564615
Ion Ratio Lower Upper
202 100
101 10.6 8.0 12.0
100 8.3 6.7 10.1



#82
Pyrene
Concen: 3.335 ng/ul
RT: 19.680 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BN015996.D
Acq: 20 Aug 2021 21:26

Tgt Ion:202 Resp: 300588
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 10.0 9.2 13.8

