

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
 Data File : BN015995.D
 Acq On : 20 Aug 2021 20:50
 Operator : CG/JU
 Sample : M3448-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKE5

Quant Time: Aug 20 23:27:11 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

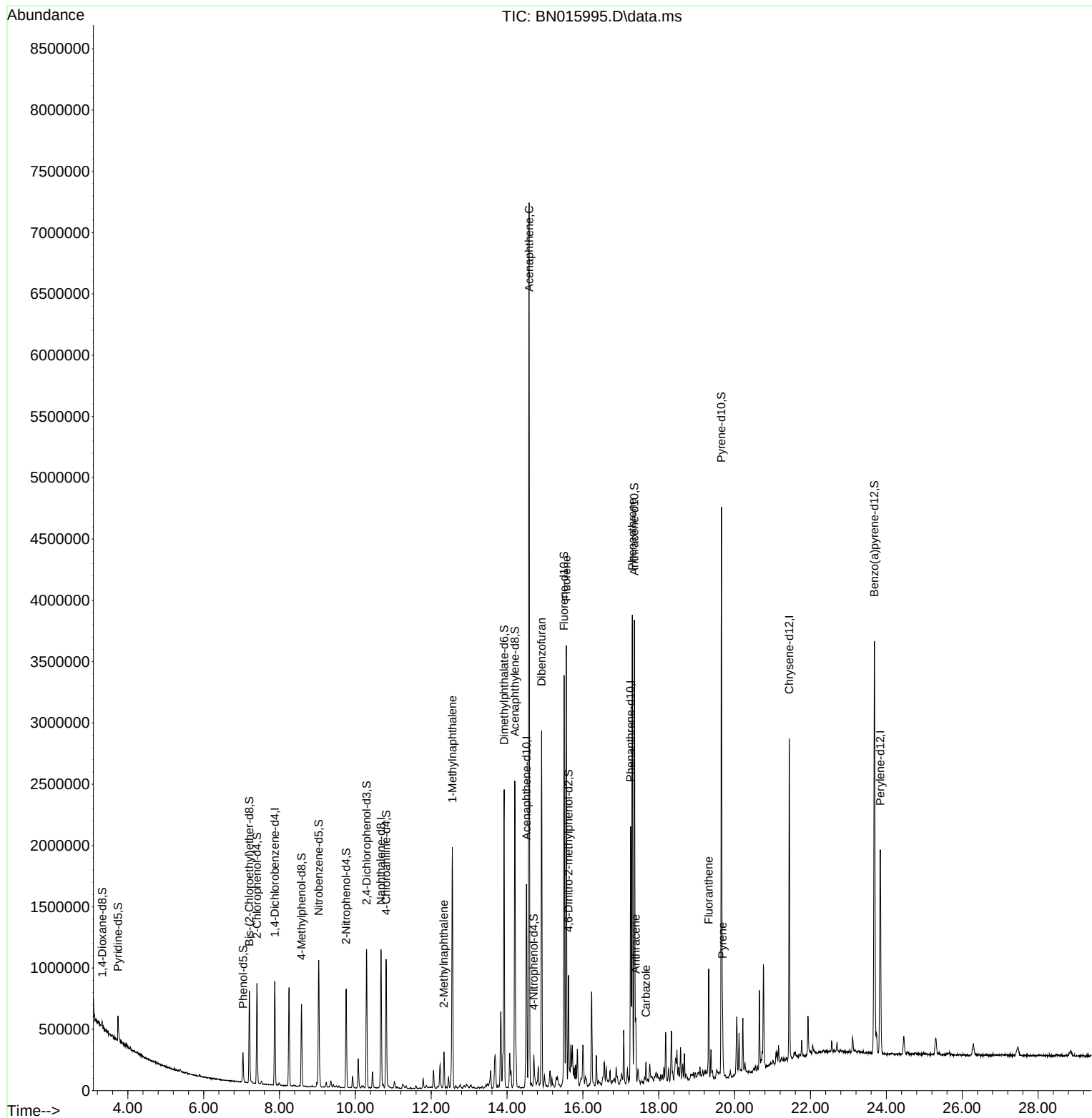
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	223115	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	913703	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	580252	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1187926	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	1206722	20.000	ng/u1	-0.01
88) Perylene-d12	23.839	264	1234479	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	25136	4.388	ng/uL	0.00
4) Pyridine-d5	3.740	84	127253	7.949	ng/u1	0.00
7) Phenol-d5	7.040	99	131383	6.510	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	359527	28.933	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	344477	23.987	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	239591	15.263	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	232331	34.547	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	229141	36.407	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	386282	28.362	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	515145	24.848	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	1511715	35.549	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	1761360	33.073	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	44945	5.976	ng/u1	0.00
60) Fluorene-d10	15.504	176	1267446	34.169	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	172352	27.167	ng/u1	0.00
73) Anthracene-d10	17.357	188	2044219	36.714	ng/u1	0.00
81) Pyrene-d10	19.651	212	2402553	36.964	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	2496794	37.407	ng/u1	-0.01
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.334	142	136410	4.008	ng/u1	95
37) 1-Methylnaphthalene	12.557	142	865109	25.540	ng/u1	97
52) Acenaphthene	14.580	153	2941354	80.326	ng/u1	97
56) Dibenzofuran	14.910	168	1656363	32.718	ng/u1	98
61) Fluorene	15.563	166	1597992	38.681	ng/u1	100
72) Phenanthrene	17.304	178	2240517	34.694	ng/u1	99
74) Anthracene	17.392	178	302039	4.581	ng/u1	98
77) Carbazole	17.663	167	82267	1.419	ng/u1	100
80) Fluoranthene	19.316	202	506204	6.437	ng/u1	99
82) Pyrene	19.680	202	305469	3.732	ng/u1	97

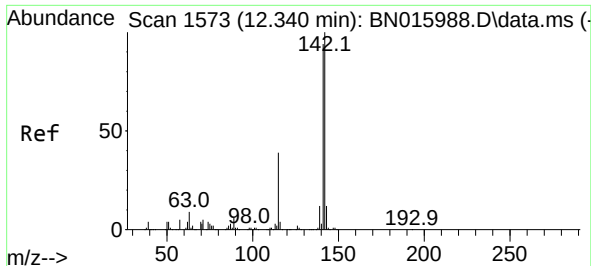
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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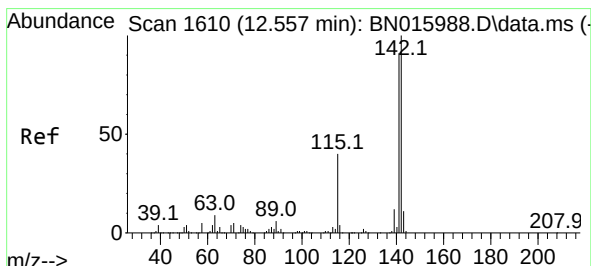
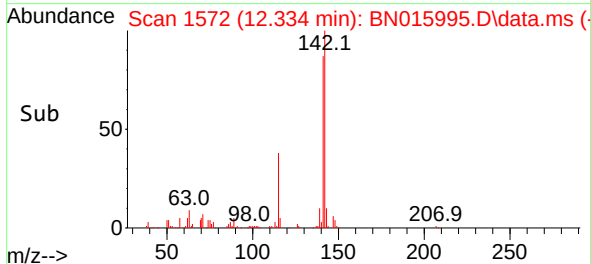
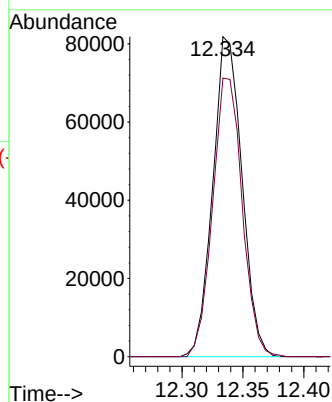
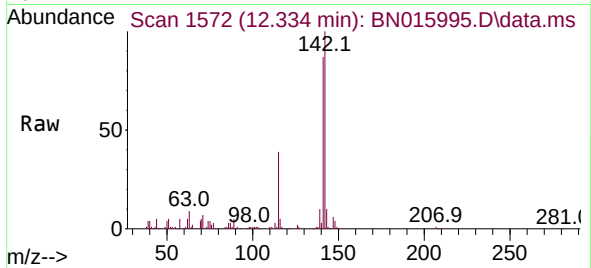




#36
2-Methylnaphthalene
Concen: 4.008 ng/ul
RT: 12.334 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BN015995.D
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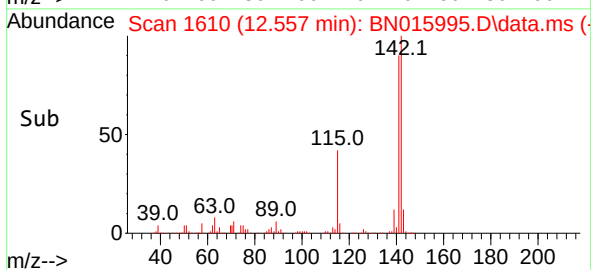
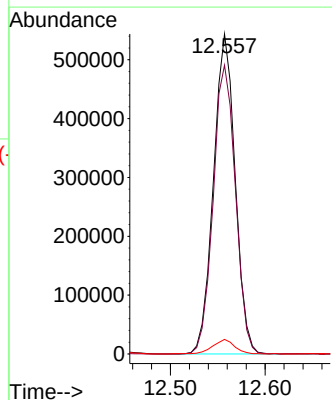
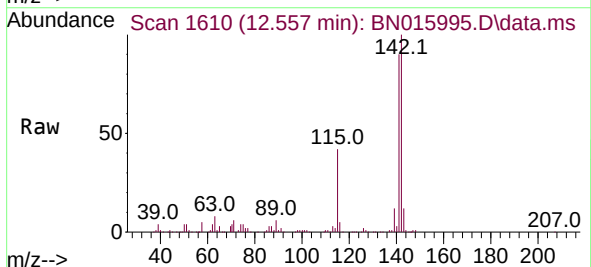
Instrument :
BNA_N
ClientSampleId :
DBKE5

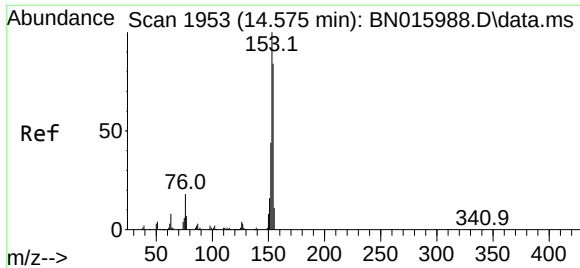
Tgt Ion:142 Resp: 136410
Ion Ratio Lower Upper
142 100
141 87.1 73.4 110.0



#37
1-Methylnaphthalene
Concen: 25.540 ng/ul
RT: 12.557 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN015995.D
Acq: 20 Aug 2021 20:50

Tgt Ion:142 Resp: 865109
Ion Ratio Lower Upper
142 100
141 90.2 74.2 111.4
116 4.5 3.4 5.0

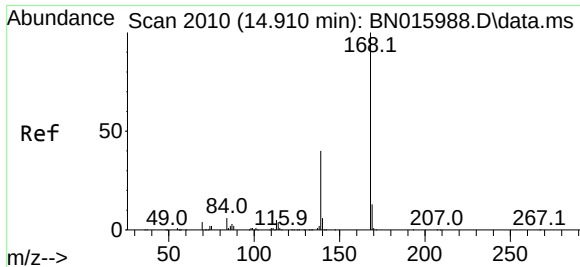
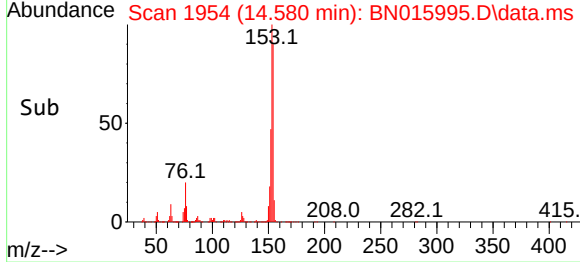
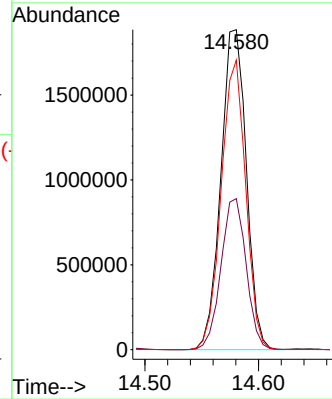
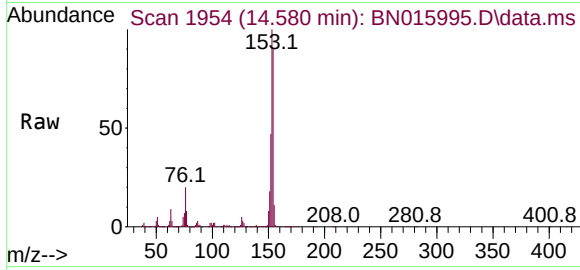




#52
Acenaphthene
Concen: 80.326 ng/u1
RT: 14.580 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BN015995.D
Acq: 20 Aug 2021 20:50

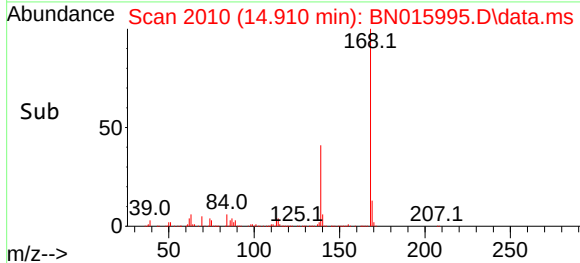
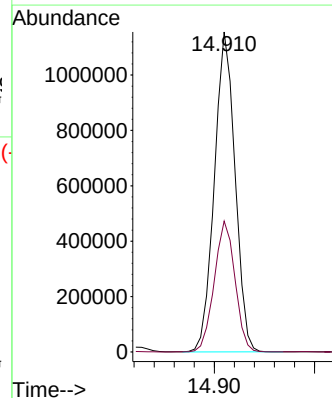
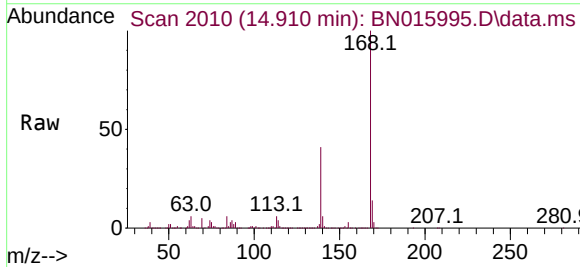
Instrument :
BNA_N
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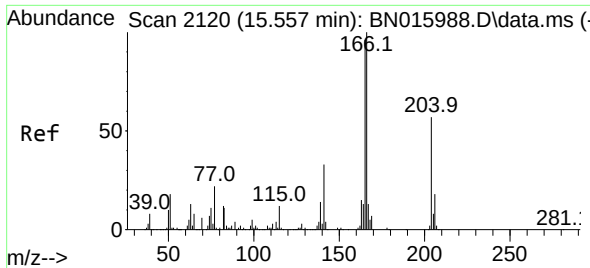
Tgt	Ion:153	Resp: 2941354	
Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.6	57.8
154	90.5	69.3	103.9



#56
Dibenzofuran
Concen: 32.718 ng/u1
RT: 14.910 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BN015995.D
Acq: 20 Aug 2021 20:50

Tgt	Ion:168	Resp:	1656363
Ion	Ratio	Lower	Upper
168	100		
139	40.9	31.8	47.6

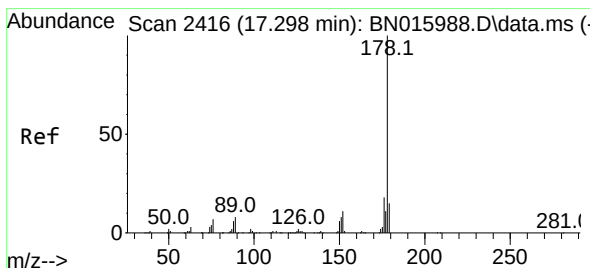
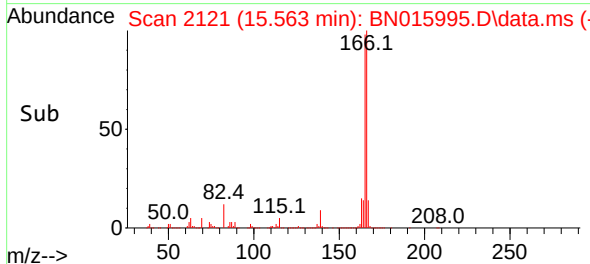
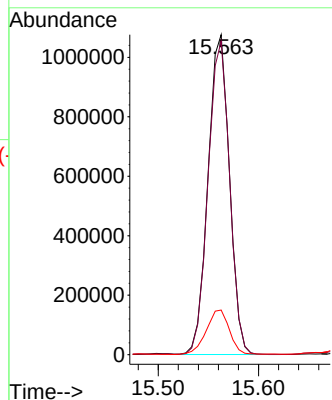
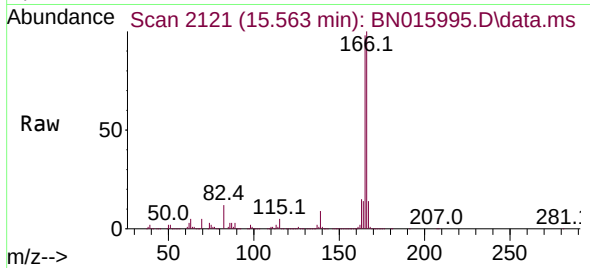




#61
Fluorene
Concen: 38.681 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BN015995.D
Acq: 20 Aug 2021 20:50

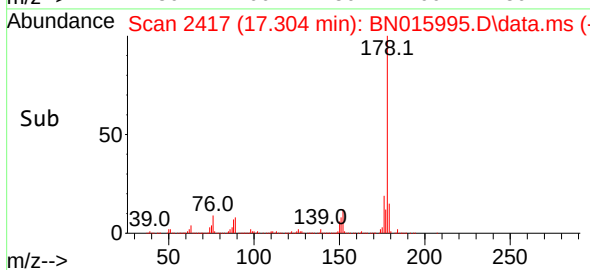
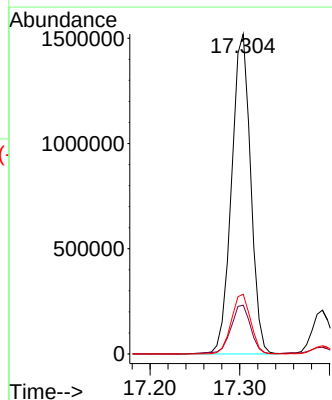
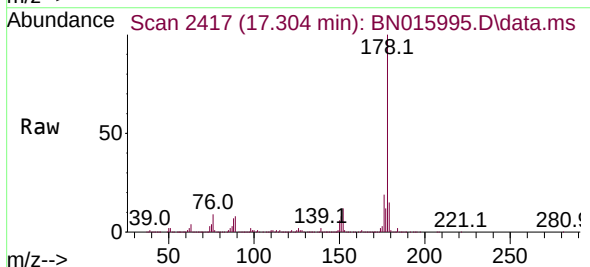
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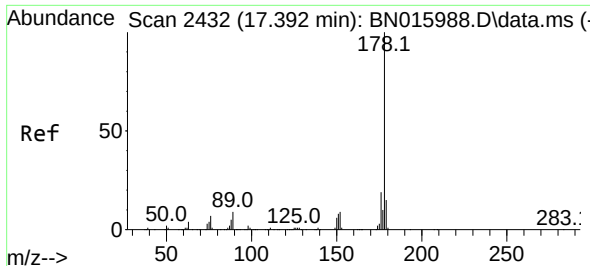
Tgt Ion:166 Resp: 1597992
Ion Ratio Lower Upper
166 100
165 98.0 78.4 117.6
167 14.0 10.8 16.2



#72
Phenanthrene
Concen: 34.694 ng/ul
RT: 17.304 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN015995.D
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Tgt Ion:178 Resp: 2240517
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 18.7 14.6 21.8

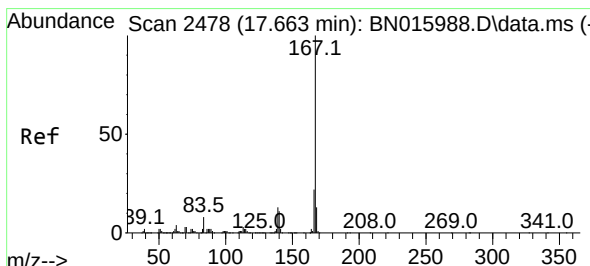
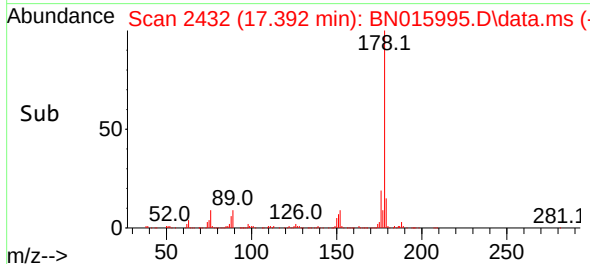
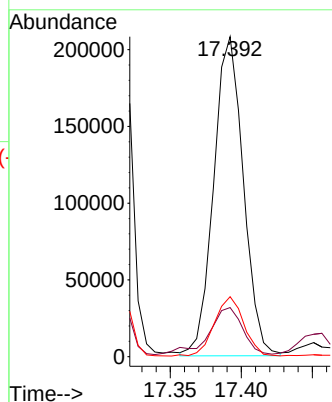
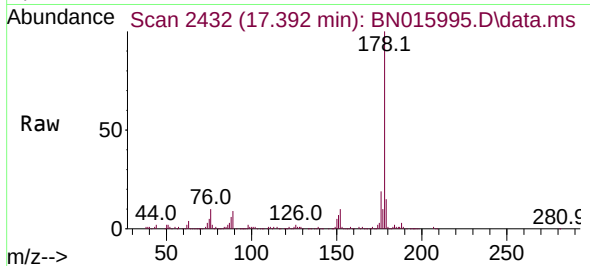




#74
 Anthracene
 Concen: 4.581 ng/ul
 RT: 17.392 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BN015995.D
 Acq: 20 Aug 2021 20:50

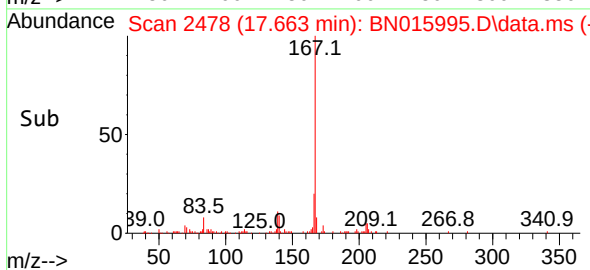
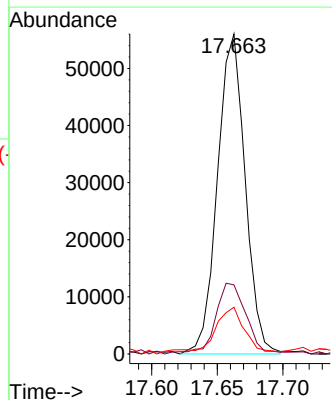
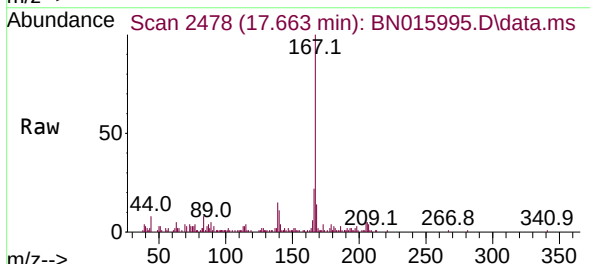
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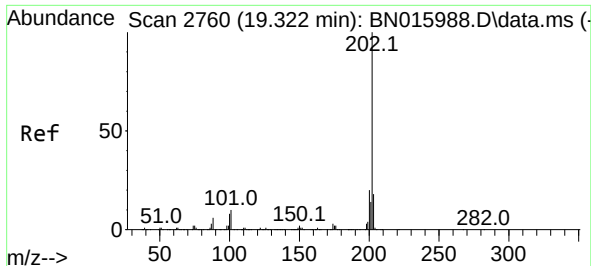
Tgt Ion:	178	Resp:	302039
Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.6	17.4
176	18.8	14.4	21.6



#77
 Carbazole
 Concen: 1.419 ng/ul
 RT: 17.663 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BN015995.D
 Acq: 20 Aug 2021 20:50

Tgt Ion:	167	Resp:	82267
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	14.6	11.6	17.4

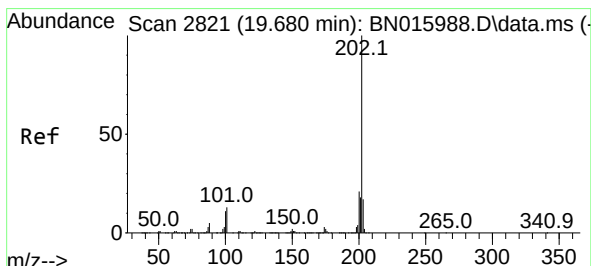
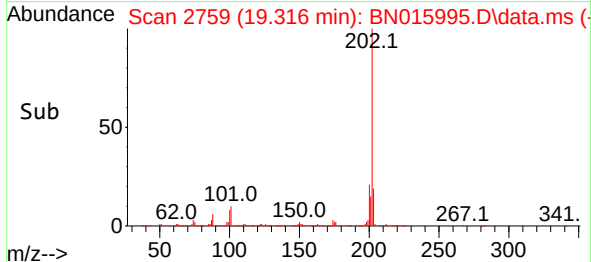
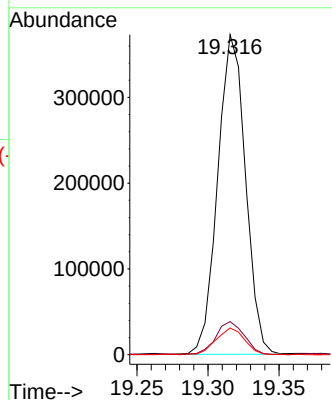
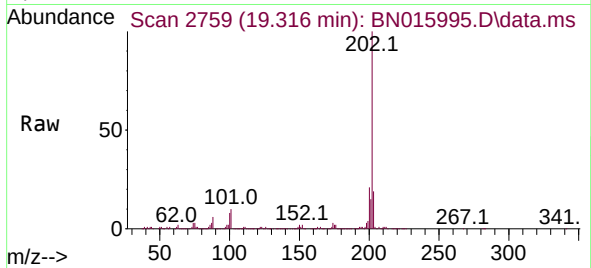




#80
Fluoranthene
Concen: 6.437 ng/ul
RT: 19.316 min Scan# 2759
Delta R.T. -0.000 min
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Instrument :
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ClientSampled :
DBKE5

Tgt Ion:202 Resp: 506204
Ion Ratio Lower Upper
202 100
101 10.3 8.0 12.0
100 8.4 6.7 10.1



#82
Pyrene
Concen: 3.732 ng/ul
RT: 19.680 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BN015995.D
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Tgt Ion:202 Resp: 305469
Ion Ratio Lower Upper
202 100
101 13.8 10.1 15.1
100 10.7 9.2 13.8

