

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012640.D
 Acq On : 19 Nov 2020 19:33
 Operator : CG/JU
 Sample : L4753-09DL2 25X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBG9DL2

Manual Integrations
 APPROVED

mohammad
 11/20/2020 11:31:09 AM

Quant Time: Nov 20 01:19:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 20 00:51:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	109497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	421920	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	272679	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	582987	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	598828	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	662330	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.64	99	1821m	0.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	6490	1.11	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	6397	0.82	ng/ul	-0.01
13) 4-Methylphenol-d8	8.16	113	3068	0.38	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	3174	0.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	2760	0.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	5858	0.80	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.52	166	30631	1.38	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	30498	1.15	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.10	176	25538	1.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	2481	0.62	ng/ul	0.00
71) Anthracene-d10	16.95	188	42103	1.42	ng/ul	0.00
79) Pyrene-d10	19.26	212	46462	1.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	48872	1.35	ng/ul	-0.01

Target Compounds

				Ovalue	
28) Naphthalene	10.26	128	1175918	48.211	ng/ul 97
41) 1,1'-Biphenyl	12.93	154	23942	1.059	ng/ul# 96
50) Acenaphthene	14.16	153	98638	5.073	ng/ul 96
54) Dibenzofuran	14.50	168	68531	2.543	ng/ul 95
59) Fluorene	15.16	166	43176	1.917	ng/ul 99
70) Phenanthrene	16.89	178	44573	1.244	ng/ul 97
75) Carbazole	17.26	167	153386	4.946	ng/ul 99

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

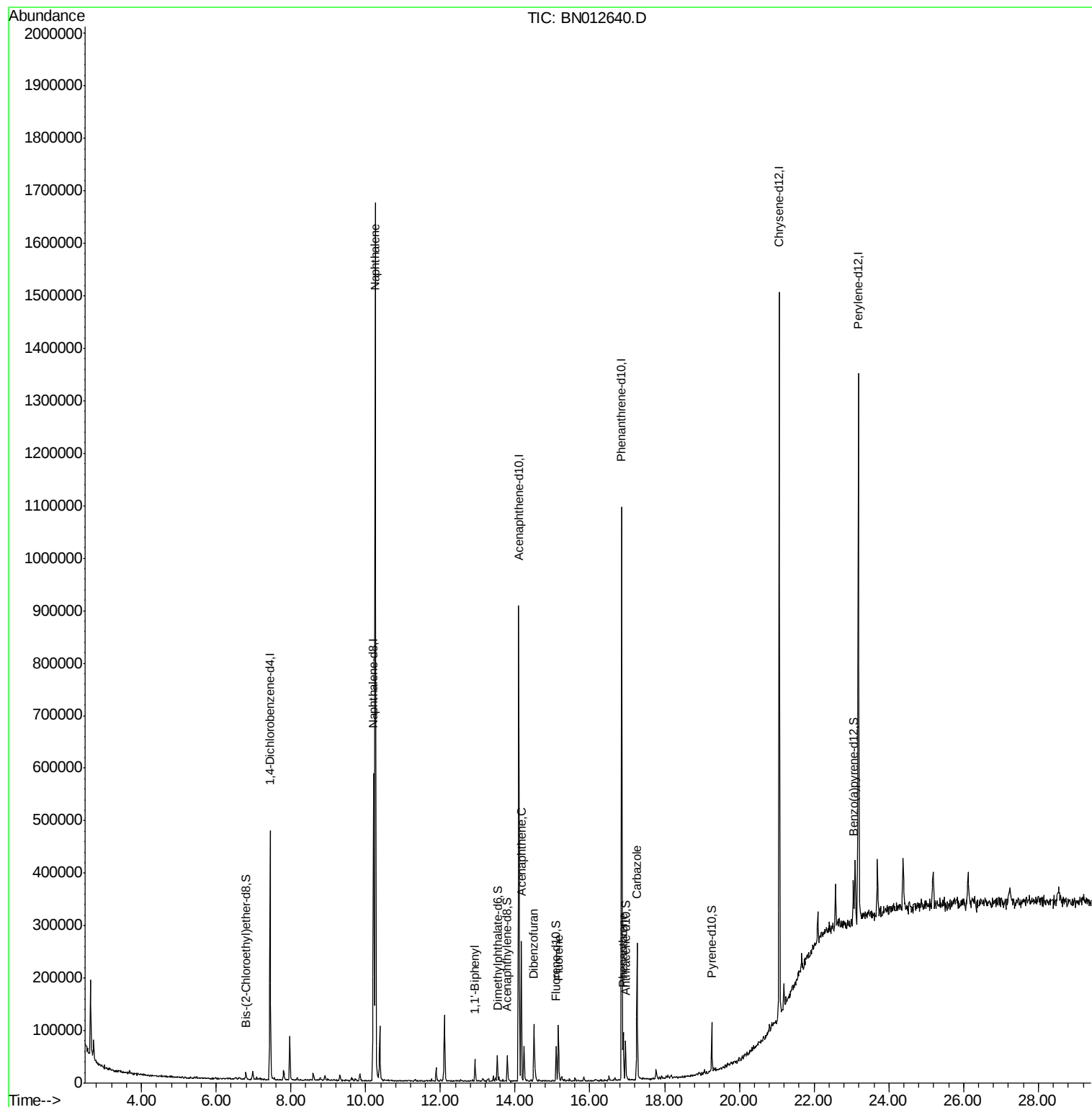
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
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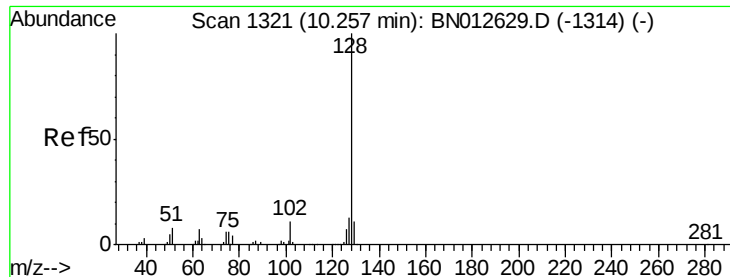
Instrument :
BNA_N
ClientSampled :
DBGG9DL2

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Quant Time: Nov 20 01:19:09 2020
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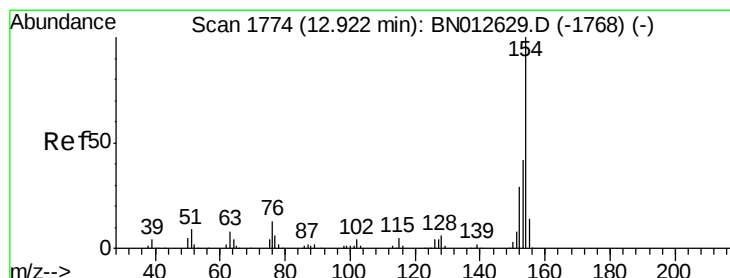
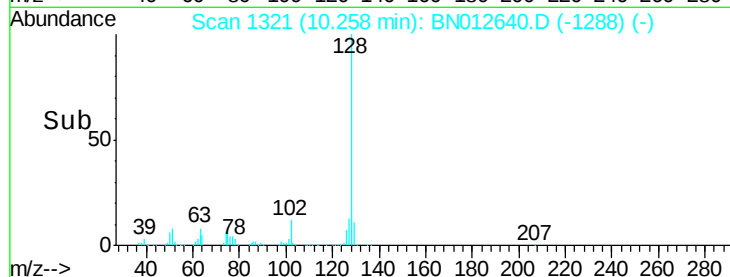
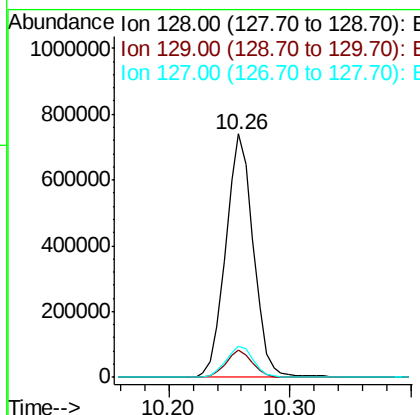
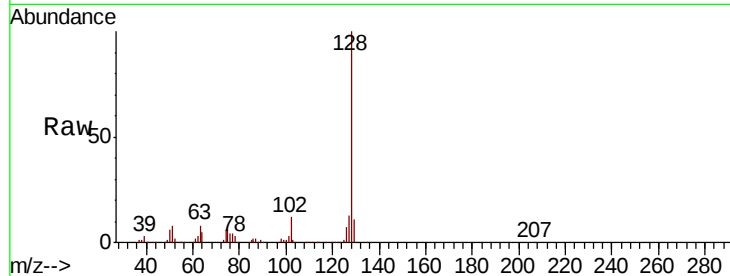
#28
Naphthalene
Concen: 48.211 ng/ul
RT: 10.26 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BN012640.D
Acq: 19 Nov 2020 19:33

Instrument :
BNA_N
ClientSampleId :
DBG9DL2

Tot Ion	Ion	Ratio	Lower	Upper
128	100			
129	11.1	8.6	12.8	
127	12.7	11.6	17.4	

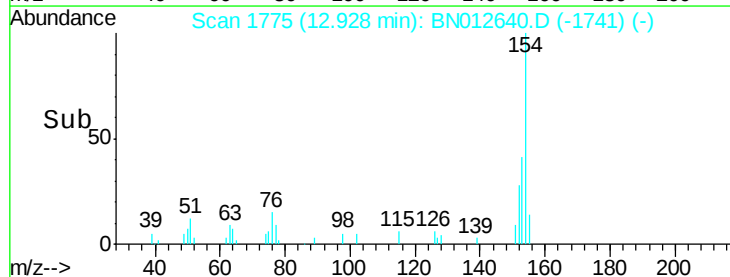
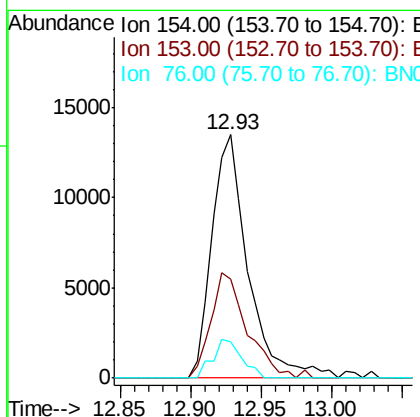
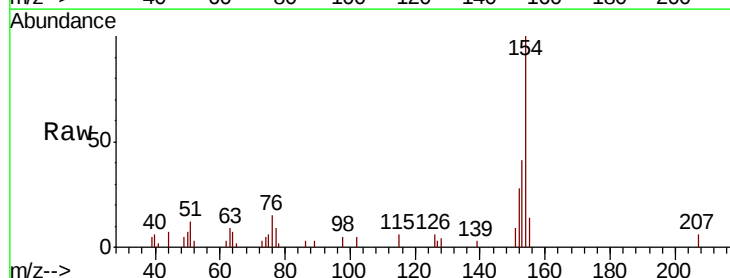
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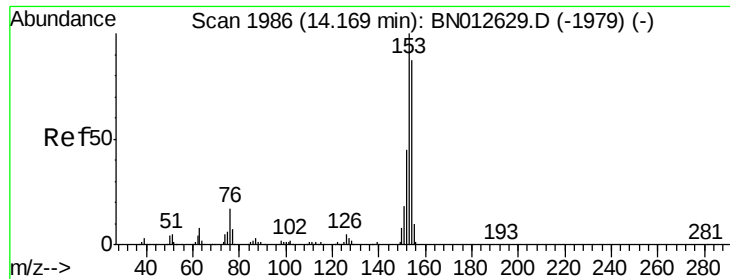
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#41
1,1'-Biphenyl
Concen: 1.059 ng/ul
RT: 12.93 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BN012640.D
Acq: 19 Nov 2020 19:33

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.7	31.4	47.0	
76	14.7	9.3	13.9	





#50

Acenaphthene

Concen: 5.073 ng/ul

RT: 14.16 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BN012640.D

Acq: 19 Nov 2020 19:33

Instrument :

BNA_N

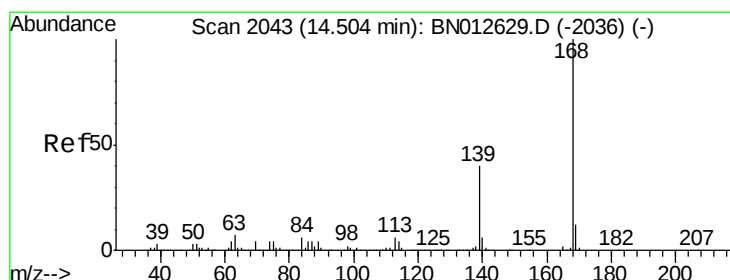
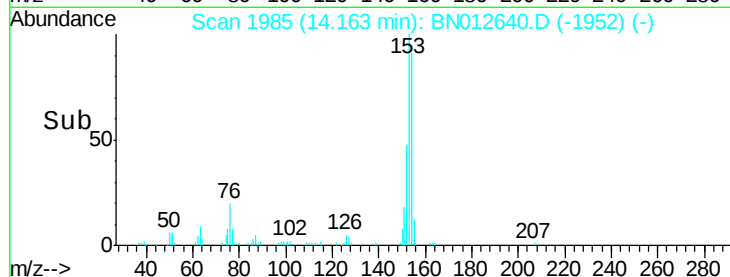
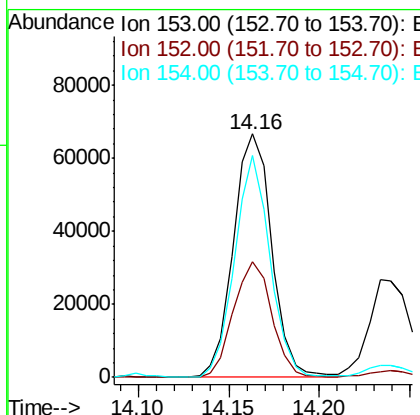
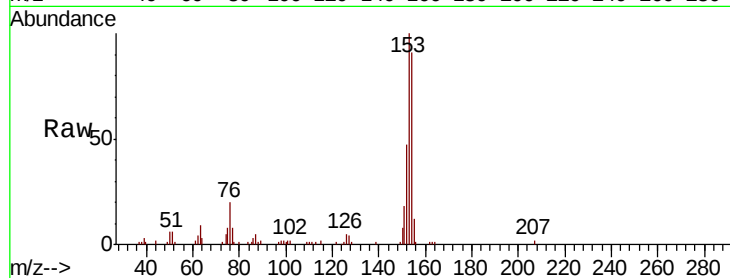
ClientSampleId :

DBG9DL2

Tot Ion:	153	Resp:	98638
Ion Ratio	Lower	Upper	
153	100		
152	47.5	37.1	55.7
154	91.3	69.7	104.5

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#54

Dibenzofuran

Concen: 2.543 ng/ul

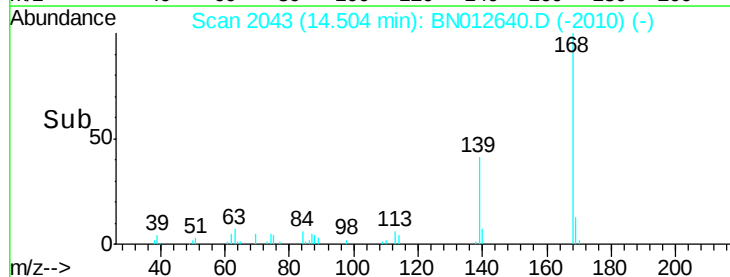
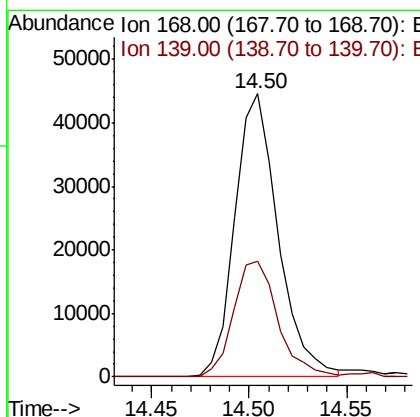
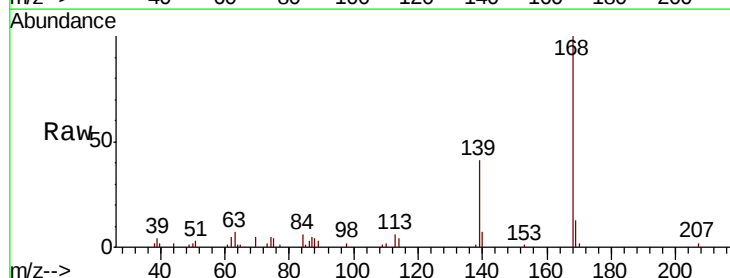
RT: 14.50 min Scan# 2043

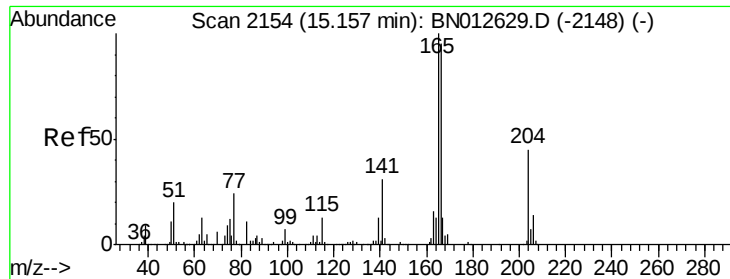
Delta R.T. -0.01 min

Lab File: BN012640.D

Acq: 19 Nov 2020 19:33

Tgt Ion:	168	Resp:	68531
Ion Ratio	Lower	Upper	
168	100		
139	41.1	30.5	45.7





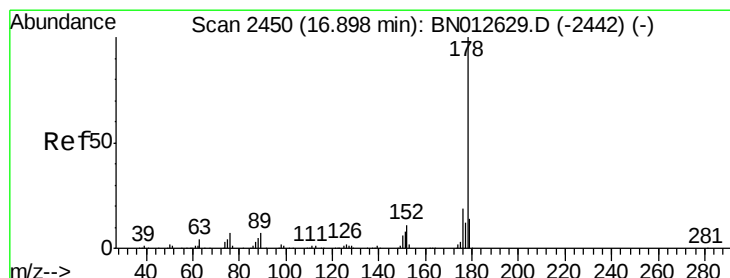
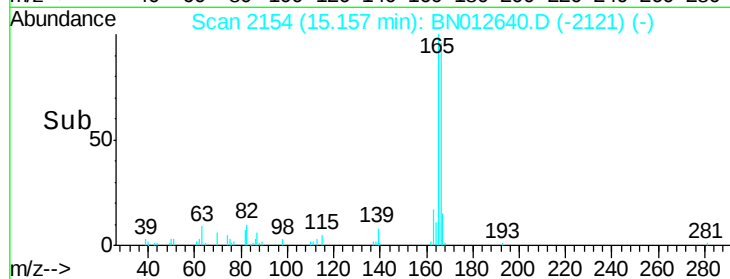
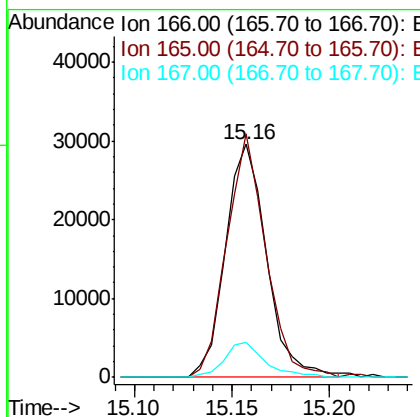
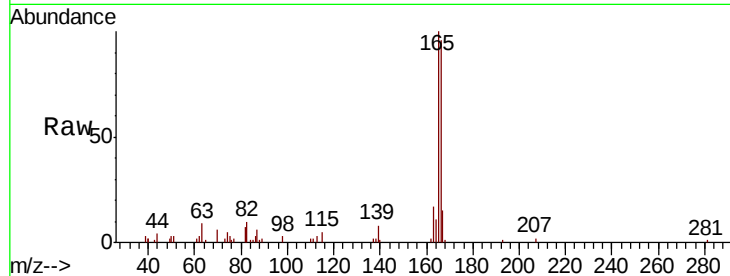
#59
Fluorene
Concen: 1.917 ng/ul
RT: 15.16 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BN012640.D
Acq: 19 Nov 2020 19:33

Instrument :
BNA_N
ClientSampleId :
DBGG9DL2

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.4	83.3	124.9
167	15.3	11.0	16.6

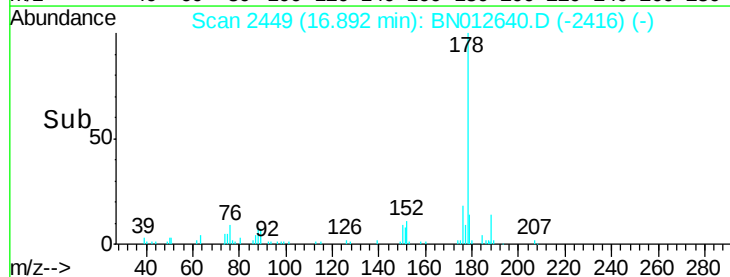
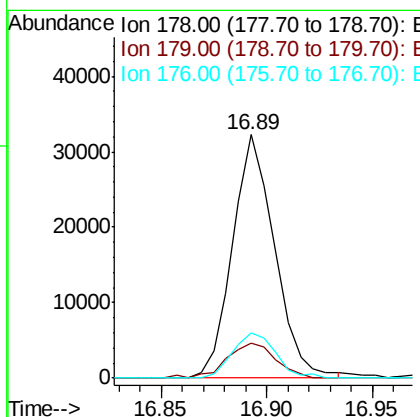
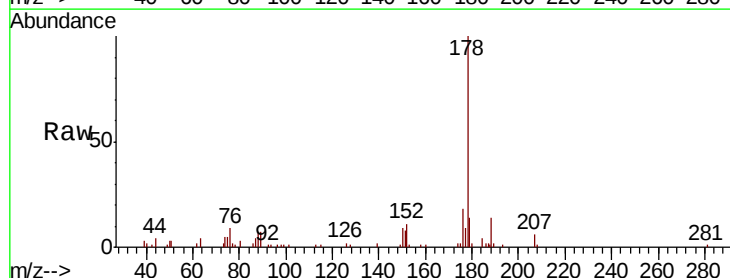
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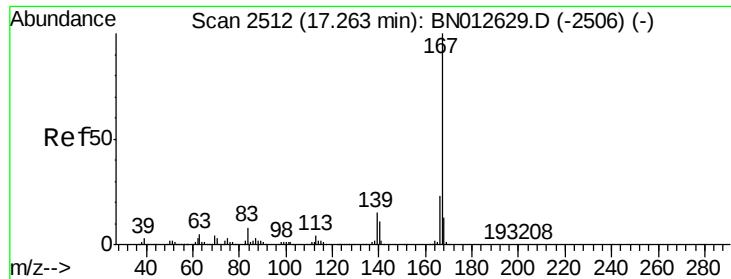
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#70
Phenanthrene
Concen: 1.244 ng/ul
RT: 16.89 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BN012640.D
Acq: 19 Nov 2020 19:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.3	13.1	19.7
176	18.4	15.4	23.0





#75
 Carbazole
 Concen: 4.946 ng/ul
 RT: 17.26 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BN012640.D
 Acq: 19 Nov 2020 19:33

Instrument :
 BNA_N
 ClientSampleId :
 DBGG9DL2

Tot Ion:	167	Resp:	153386
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.8	26.8
139	13.3	10.4	15.6

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