

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012639.D
 Acq On : 19 Nov 2020 18:57
 Operator : CG/JU
 Sample : L4753-09DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBG9DL

Manual Integrations
 APPROVED

mohammad
 11/20/2020 11:31:06 AM

Quant Time: Nov 20 01:15:11 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	7.45	152	120895	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	479766	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	308033	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	677589	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	740712	20.00	ng/ul	-0.01
86) Perylene-d12	23.19	264	825342	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	839m	0.25	ng/uL	0.01
5) Phenol-d5	6.63	99	10411	0.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	36346	5.61	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	36941	4.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	20305	2.26	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	21040	5.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	21968	5.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	40685	4.90	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.52	166	175171	6.96	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	193345	6.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	2726m	0.58	ng/ul	0.02
58) Fluorene-d10	15.10	176	147647	6.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	20874	4.52	ng/ul	0.00
71) Anthracene-d10	16.95	188	253662	7.37	ng/ul	0.00
79) Pyrene-d10	19.26	212	288248	7.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	328953	7.29	ng/ul	-0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.26	128	6492704	234.099	ng/ul	99
34) 2-Methylnaphthalene	11.88	142	72136	3.727	ng/ul	97
41) 1,1'-Biphenyl	12.92	154	136535	5.348	ng/ul	94
50) Acenaphthene	14.16	153	536019	24.405	ng/ul	96
54) Dibenzofuran	14.50	168	396322	13.017	ng/ul	96
59) Fluorene	15.16	166	255019	10.024	ng/ul	99
70) Phenanthrene	16.89	178	249430	5.987	ng/ul	100
75) Carbazole	17.26	167	935582	25.957	ng/ul	98

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

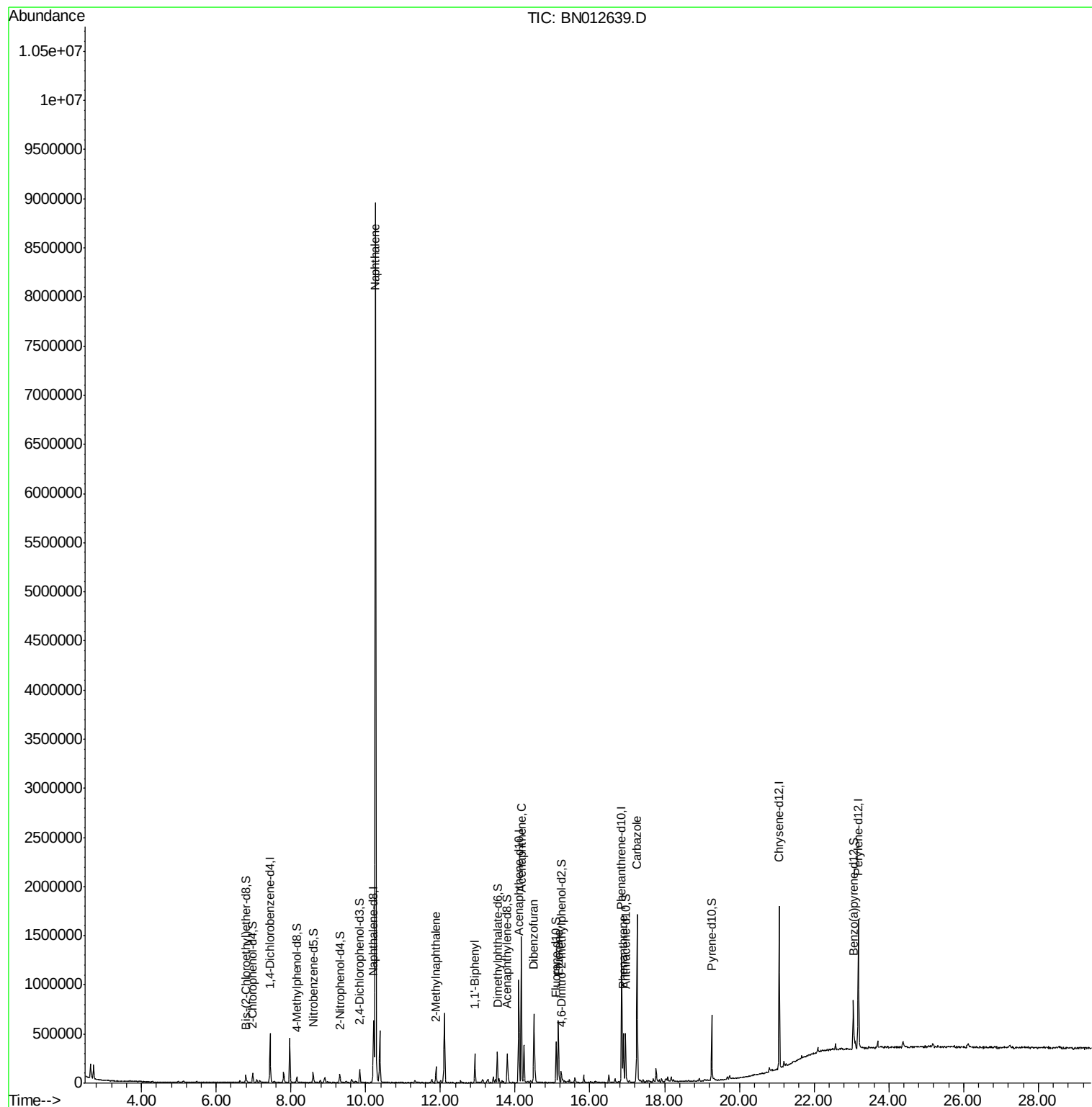
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012639.D
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ALS Vial : 48 Sample Multiplier: 1

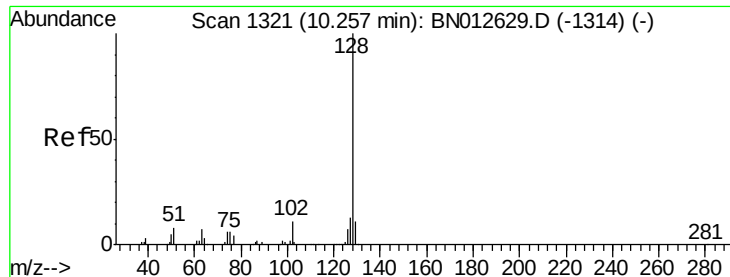
Instrument :
BNA_N
ClientSampleId :
DBGG9DL

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 20 00:51:17 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 234.099 ng/ul

RT: 10.26 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BN012639.D

Acq: 19 Nov 2020 18:57

Instrument :

BNA_N

ClientSampleId :

DBG9DL

Tot Ion:128 Resp: 6492704

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

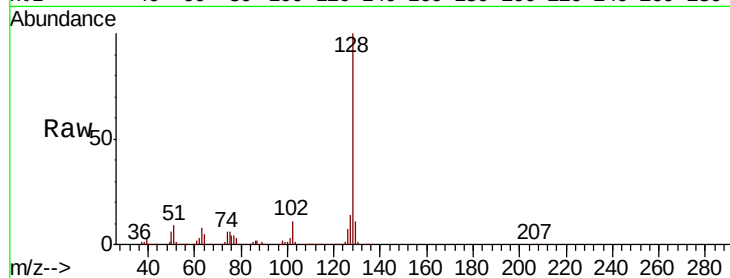
127 13.7 11.6 17.4

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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.26

4000000

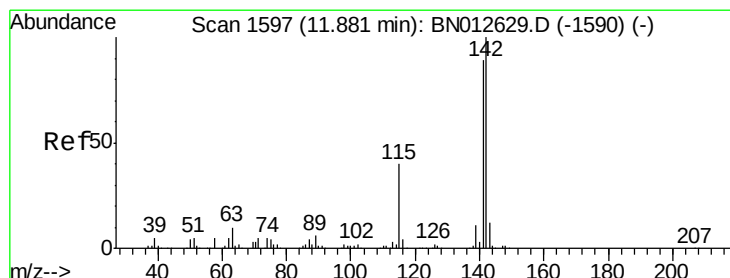
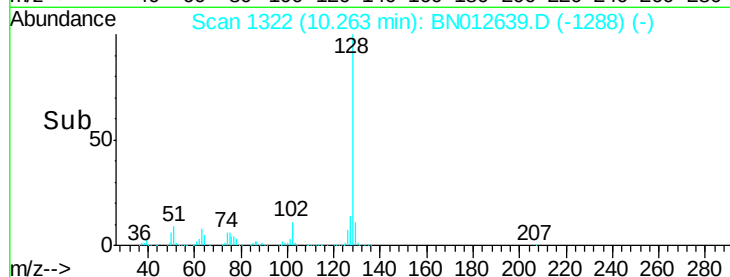
3000000

2000000

1000000

0

Time-->



#34

2-Methylnaphthalene

Concen: 3.727 ng/ul

RT: 11.88 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN012639.D

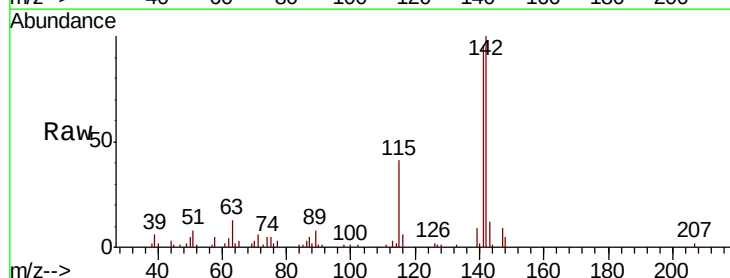
Acq: 19 Nov 2020 18:57

Tgt Ion:142 Resp: 72136

Ion Ratio Lower Upper

142 100

141 95.6 73.8 110.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.88

40000

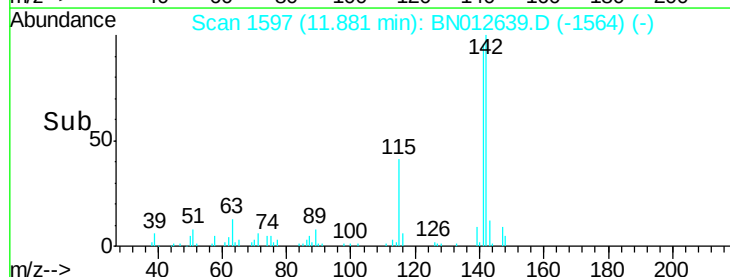
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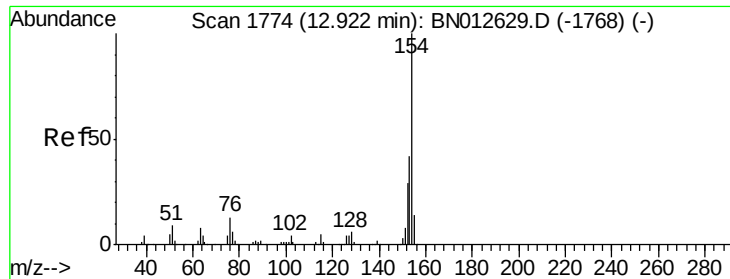
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10000

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Time-->





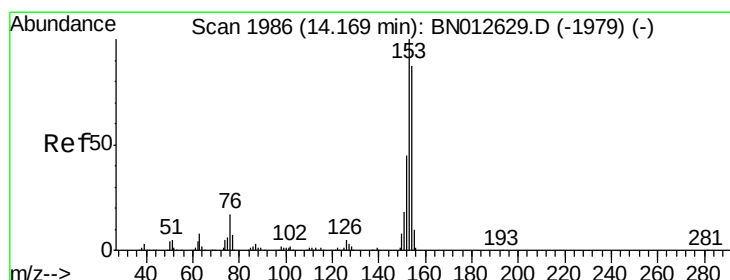
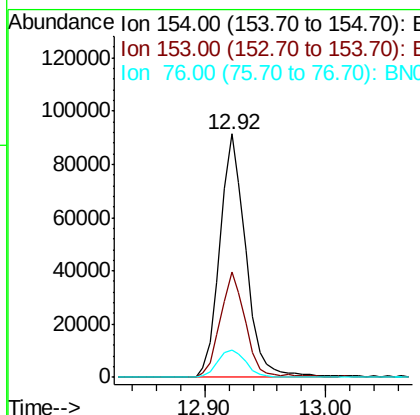
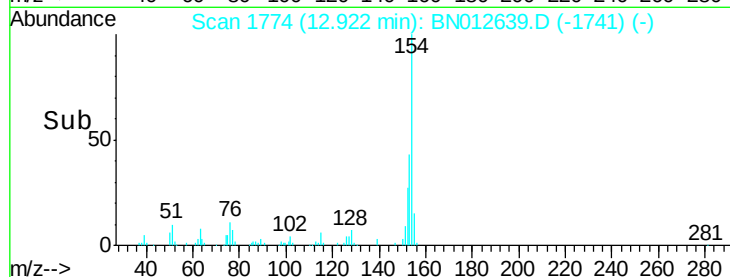
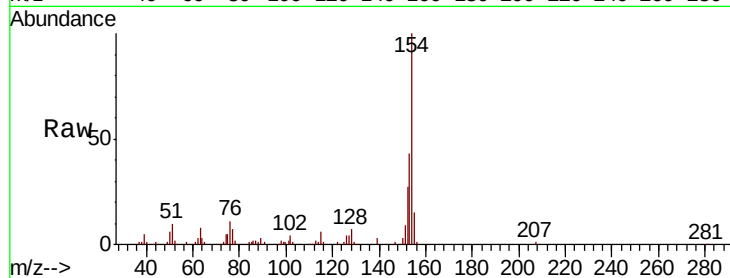
#41
 1,1'-Biphenyl
 Concen: 5.348 ng/ul
 RT: 12.92 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BN012639.D
 Acq: 19 Nov 2020 18:57

Instrument :
 BNA_N
 ClientSampleId :
 DBG9DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.4	31.4	47.0
76	11.0	9.3	13.9

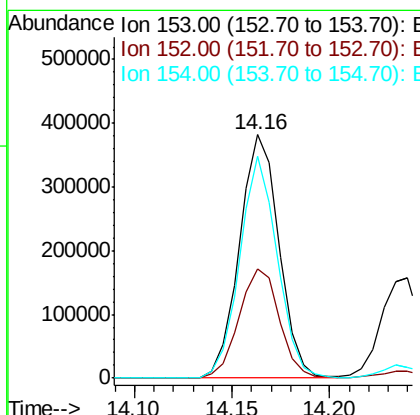
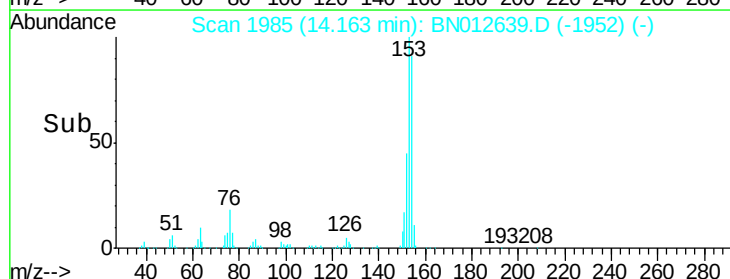
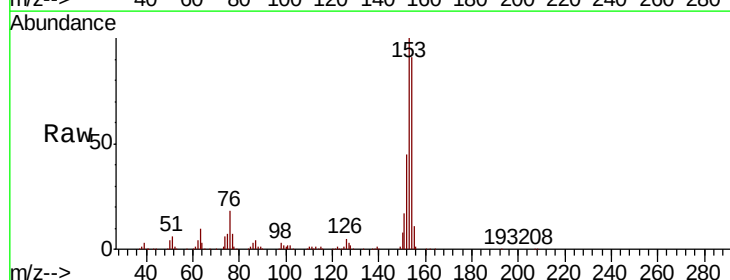
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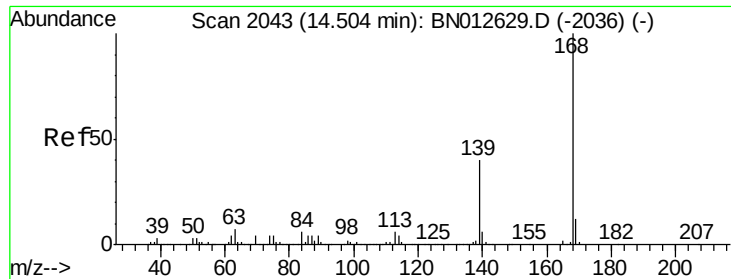
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#50
 Acenaphthene
 Concen: 24.405 ng/ul
 RT: 14.16 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BN012639.D
 Acq: 19 Nov 2020 18:57

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.9	37.1	55.7
154	91.1	69.7	104.5





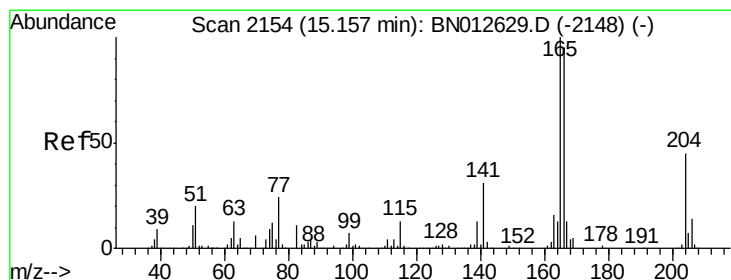
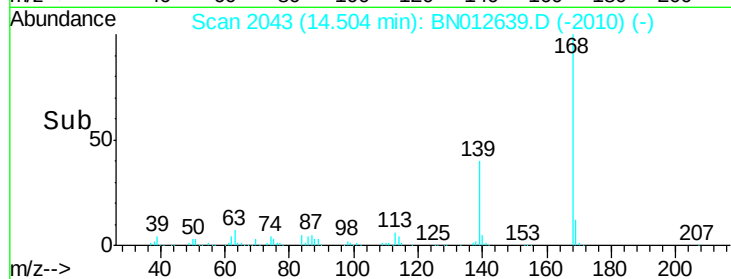
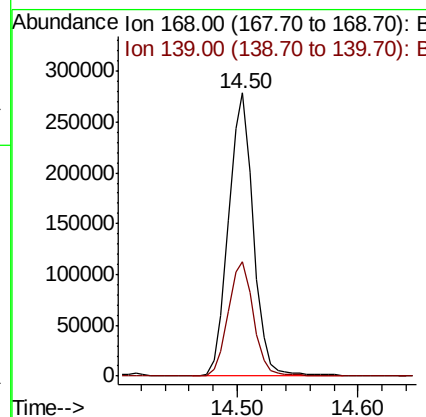
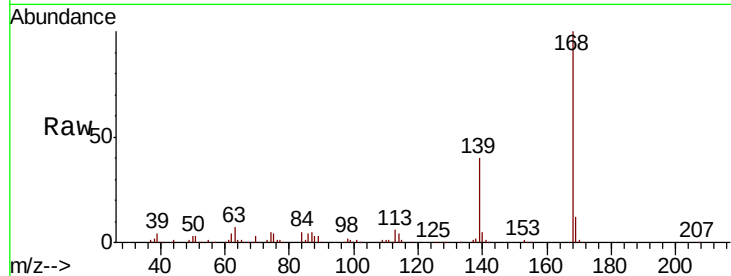
#54
Dibenzenofuran
Concen: 13.017 ng/ul
RT: 14.50 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BN012639.D
Acq: 19 Nov 2020 18:57

Instrument :
BNA_N
ClientSampleId :
DBGG9DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.5	45.7

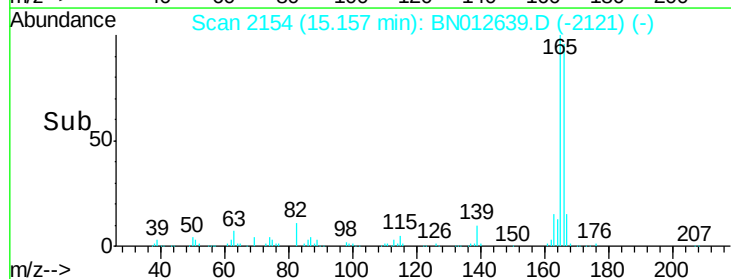
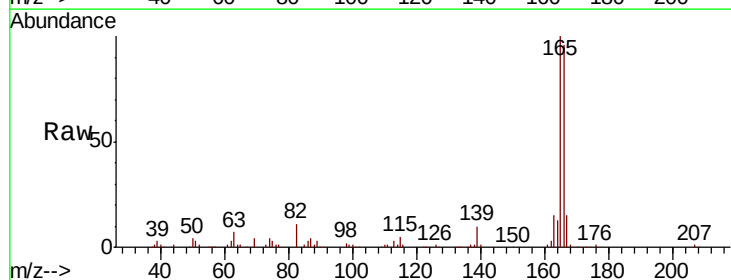
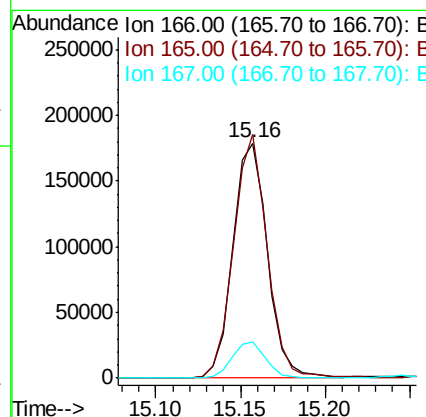
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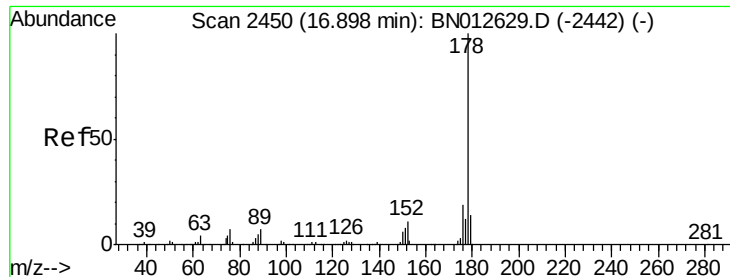
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#59
Fluorene
Concen: 10.024 ng/ul
RT: 15.16 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BN012639.D
Acq: 19 Nov 2020 18:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.7	83.3	124.9
167	15.3	11.0	16.6





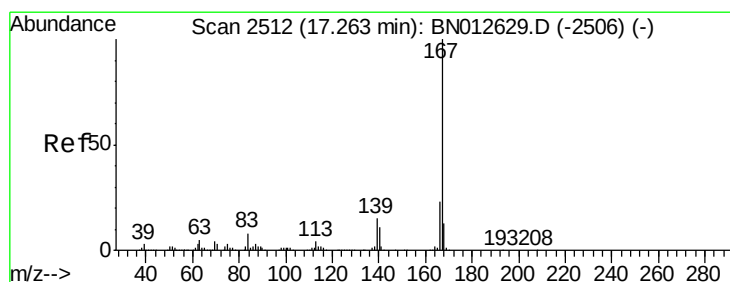
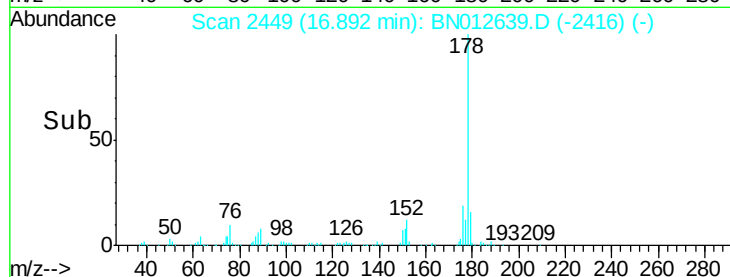
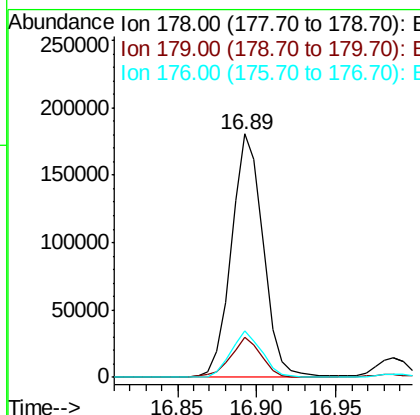
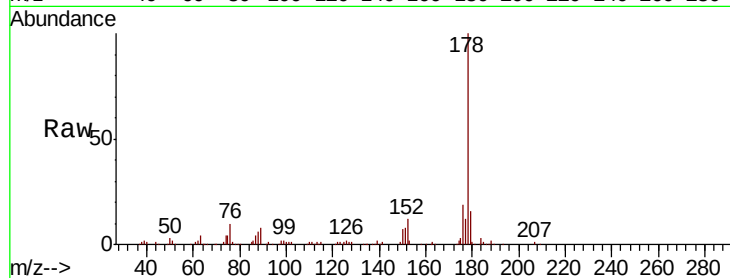
#70
Phenanthrene
Concen: 5.987 ng/ul
RT: 16.89 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BN012639.D
Acq: 19 Nov 2020 18:57

Instrument :
BNA_N
ClientSampleID :
DBGG9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.1	19.7
176	19.1	15.4	23.0

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#75
Carbazole
Concen: 25.957 ng/ul
RT: 17.26 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BN012639.D
Acq: 19 Nov 2020 18:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	14.5	10.4	15.6

