

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
 Data File : BM022680.D
 Acq On : 13 Sep 2019 17:11
 Operator : HP/JU
 Sample : K4706-09DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF575DL

Manual Integrations
 APPROVED

mohammad
 9/17/2019 9:21:18 AM

Quant Time: Sep 14 02:04:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 09 07:45:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	256880	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.64	136	1157831	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.47	164	719696	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.21	188	1505406	20.00	ng/ul	-0.01
78) Chrysene-d12	21.39	240	1522896	20.00	ng/ul	-0.01
86) Perylene-d12	23.66	264	1611952	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	1551	0.25	ng/uL	0.00
5) Phenol-d5	7.00	99	25943	1.09	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	72612	5.35	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	72580	3.88	ng/ul	-0.02
13) 4-Methylphenol-d8	8.54	113	50397	2.62	ng/ul	-0.02
19) Nitrobenzene-d5	8.99	128	48921	5.86	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.72	143	35594	4.62	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	82536	4.22	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.79	131	49328m	1.91	ng/ul	0.01
44) Dimethylphthalate-d6	13.88	166	320675	5.50	ng/ul	-0.01
47) Acenaphthylene-d8	14.16	160	340683	4.88	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.66	143	10004	1.00	ng/ul	0.00
58) Fluorene-d10	15.46	176	281973	5.77	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.57	200	29216	4.27	ng/ul	-0.02
71) Anthracene-d10	17.30	188	446004	5.78	ng/ul	-0.02
79) Pyrene-d10	19.59	212	495592	5.86	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.52	264	460404	5.31	ng/ul	-0.02

Target Compounds				Ovalue		
28) Naphthalene	10.70	128	20197928m	314.642	ng/ul	
34) 2-Methylnaphthalene	12.30	142	4633039	95.797	ng/ul	100
41) 1,1'-Biphenyl	13.30	154	623395	10.402	ng/ul	99
50) Acenaphthene	14.53	153	1093561	21.789	ng/ul	99
54) Dibenzofuran	14.87	168	1208313	17.347	ng/ul	99
59) Fluorene	15.52	166	693719	12.106	ng/ul	99
70) Phenanthrene	17.25	178	1054267	11.438	ng/ul	100
75) Carbazole	17.60	167	318827	3.746	ng/ul	99
77) Fluoranthene	19.26	202	312253	2.985	ng/ul	99
80) Pyrene	19.62	202	198363	1.800	ng/ul	99

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

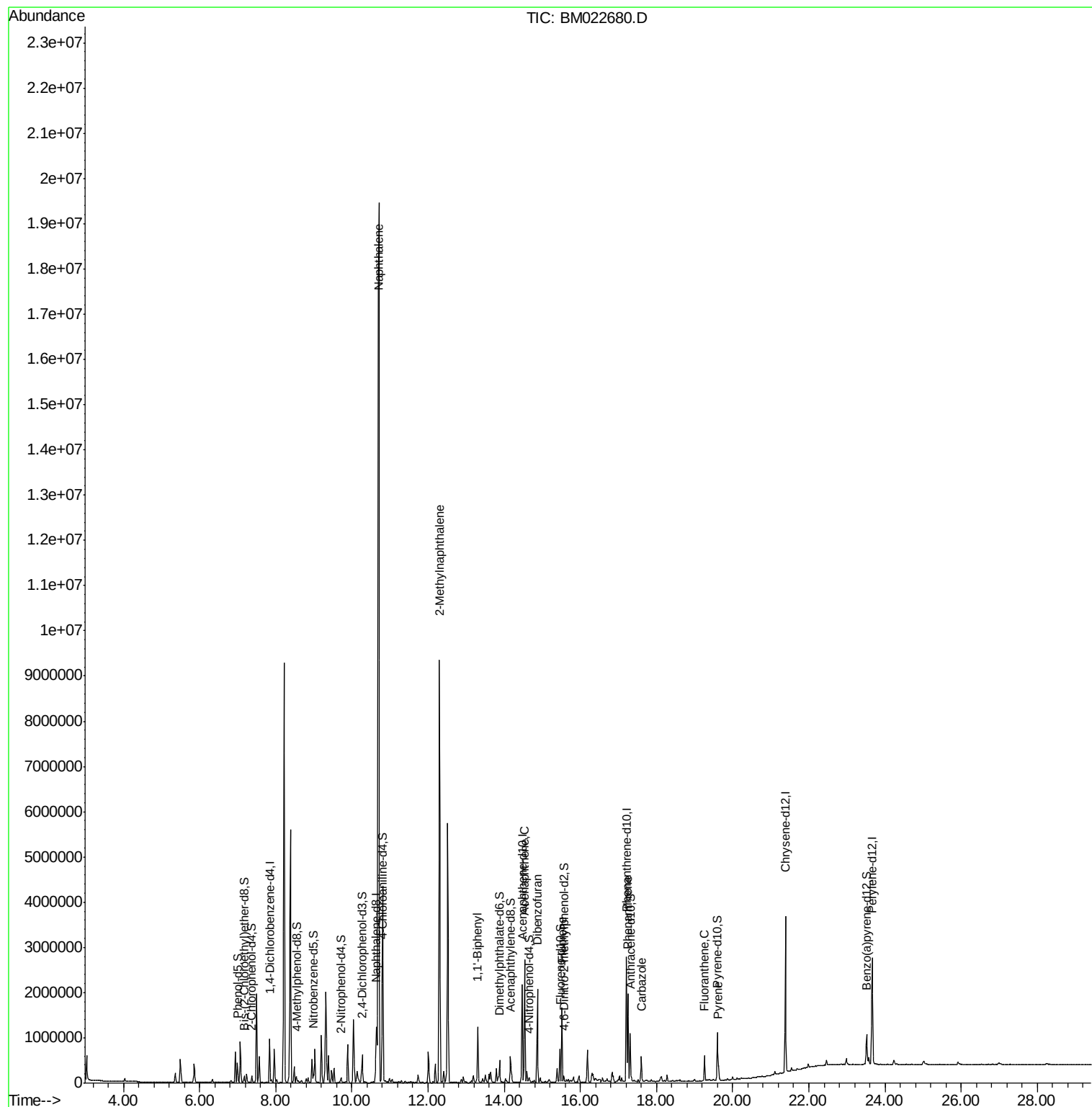
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
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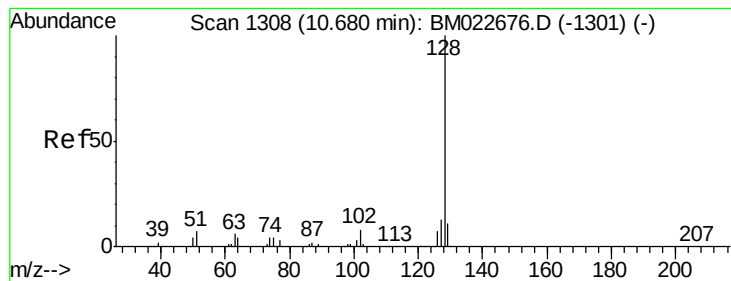
Instrument :
BNA_M
ClientSampleId :
BF575DL

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 07:45:00 2019
Response via : Initial Calibration





#28

Naphthalene

Concen: 314.642 ng/ul m

RT: 10.70 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BM022680.D

Acq: 13 Sep 2019 17:11

Instrument :

BNA_M

ClientSampleId :

BF575DL

Tot Ion:128 Resp:20197928

Ion Ratio Lower Upper

128 100

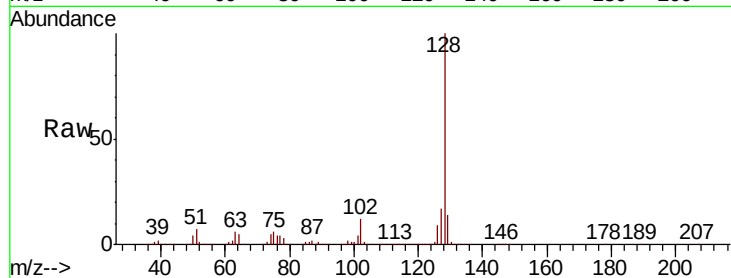
129 13.8 8.9 13.3#

127 16.5 10.6 16.0#

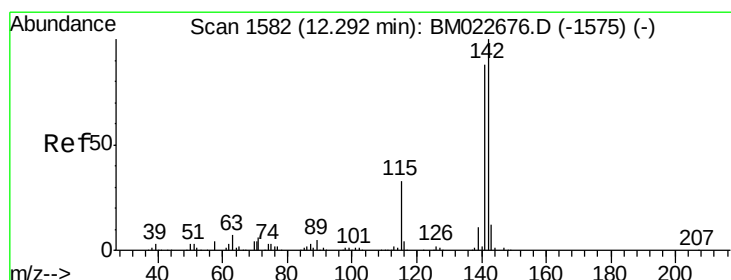
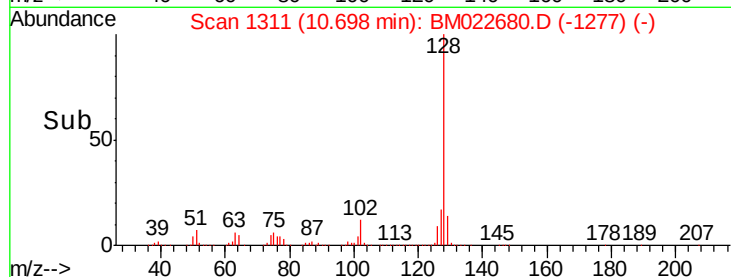
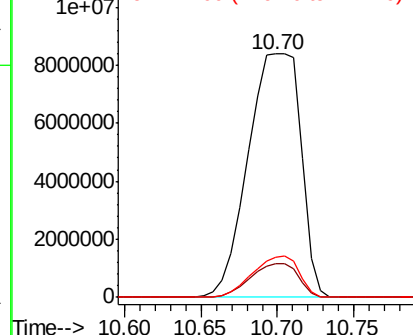
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 95.797 ng/ul

RT: 12.30 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BM022680.D

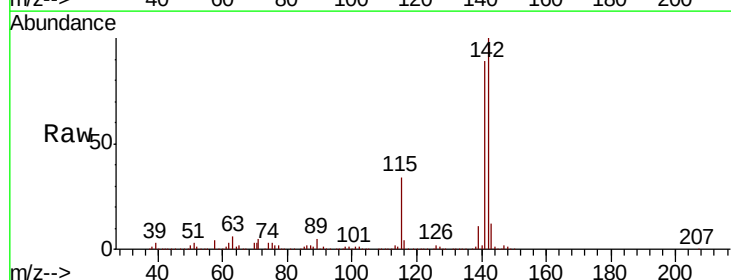
Acq: 13 Sep 2019 17:11

Tgt Ion:142 Resp: 4633039

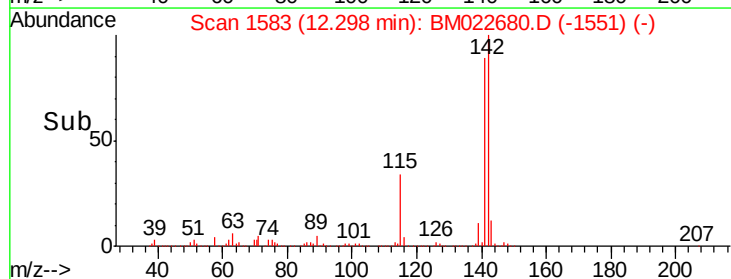
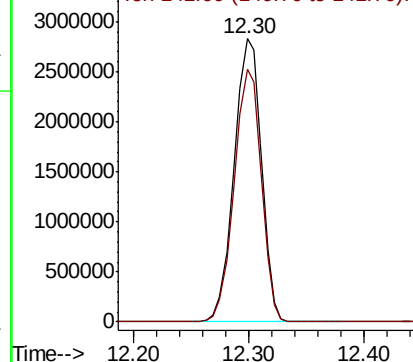
Ion Ratio Lower Upper

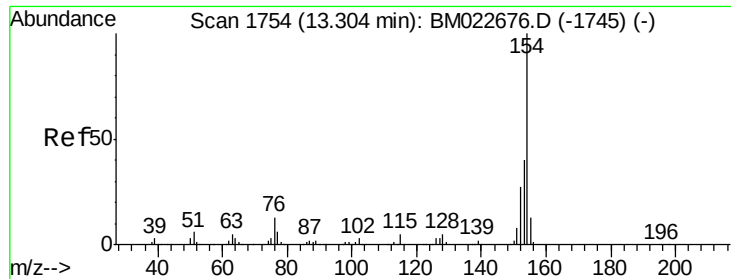
142 100

141 89.1 71.0 106.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





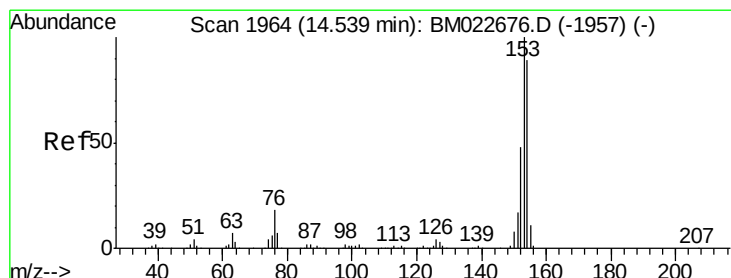
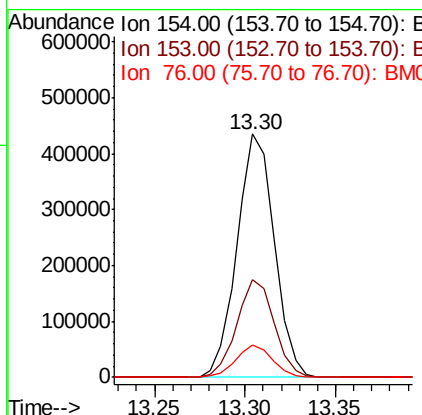
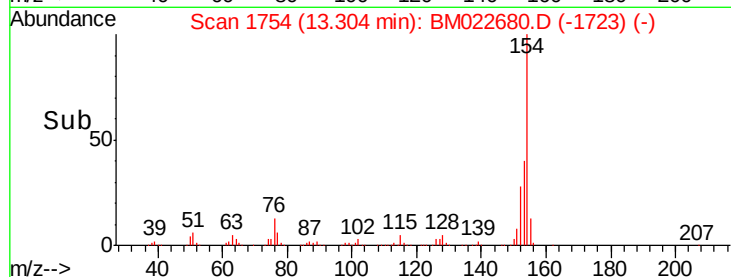
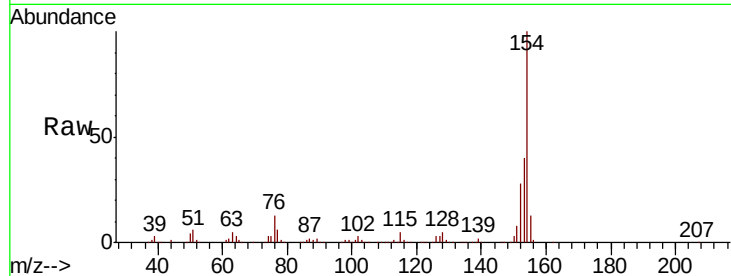
#41
 1,1'-Biphenyl
 Concen: 10.402 ng/ul
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BM022680.D
 Acq: 13 Sep 2019 17:11

Instrument :
 BNA_M
 ClientSampled :
 BF575DL

Tot Ion:	154	Resp:	623395
Ion Ratio	Lower	Upper	
154	100		
153	40.3	32.1	48.1
76	13.3	10.2	15.2

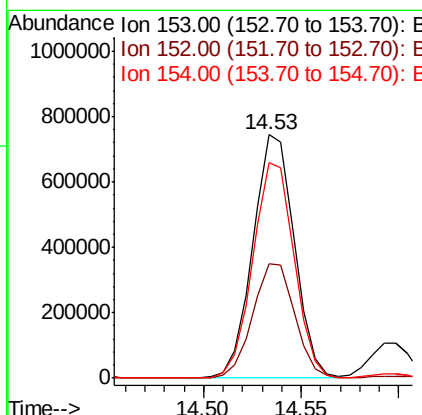
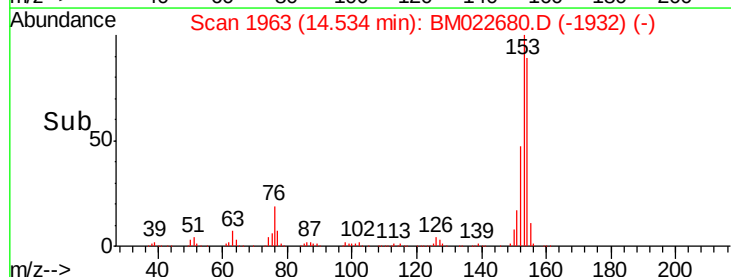
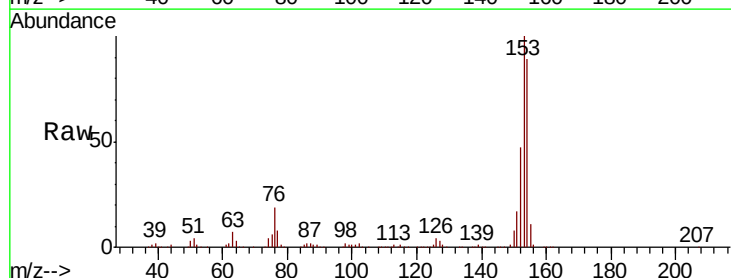
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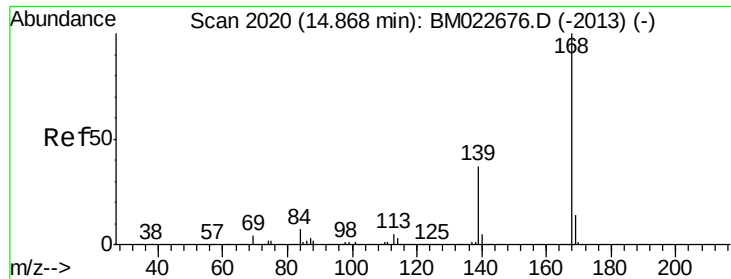
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#50
 Acenaphthene
 Concen: 21.789 ng/ul
 RT: 14.53 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BM022680.D
 Acq: 13 Sep 2019 17:11

Tgt Ion:	153	Resp:	1093561
Ion Ratio	Lower	Upper	
153	100		
152	47.2	37.5	56.3
154	88.7	71.4	107.0





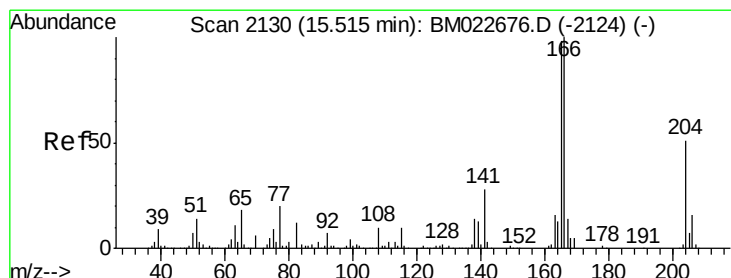
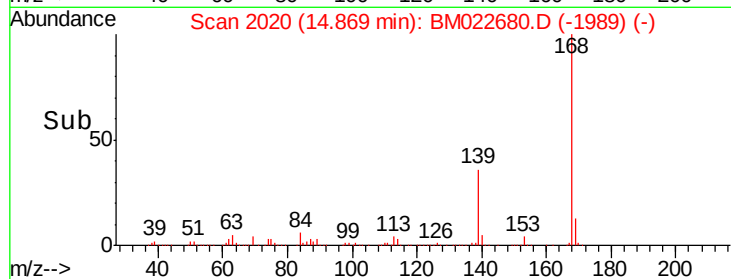
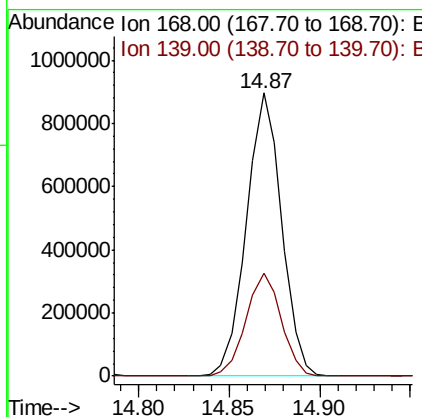
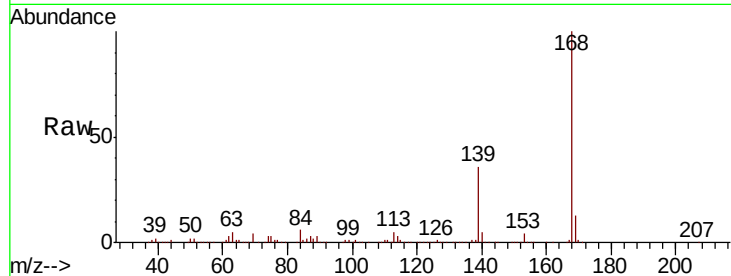
#54
Dibenzenofuran
Concen: 17.347 ng/ul
RT: 14.87 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BM022680.D
Acq: 13 Sep 2019 17:11

Instrument :
BNA_M
ClientSampleID :
BF575DL

Tot Ion:168 Resp: 1208313
Ion Ratio Lower Upper
168 100
139 36.1 29.5 44.3

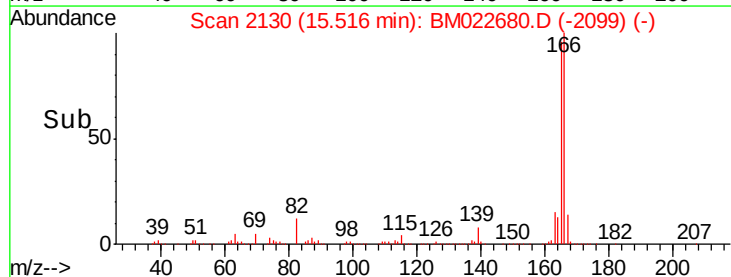
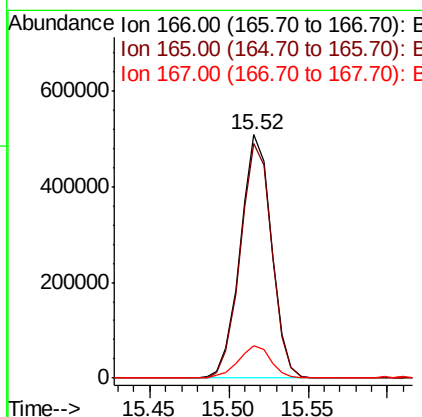
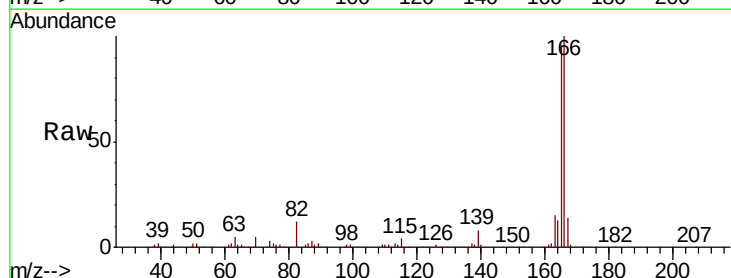
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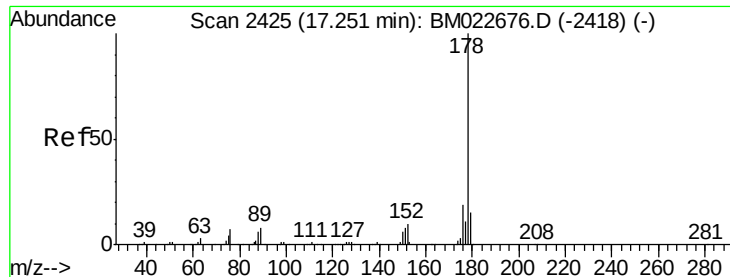
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#59
Fluorene
Concen: 12.106 ng/ul
RT: 15.52 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BM022680.D
Acq: 13 Sep 2019 17:11

Tgt Ion:166 Resp: 693719
Ion Ratio Lower Upper
166 100
165 96.4 77.8 116.8
167 13.5 10.9 16.3





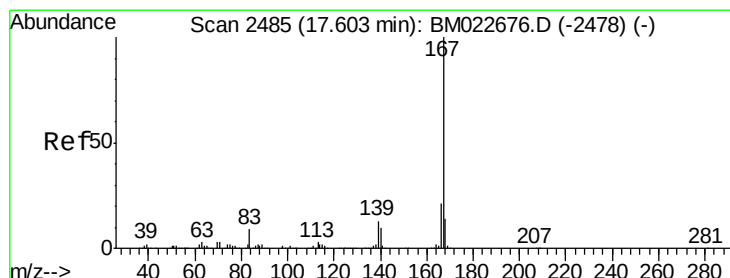
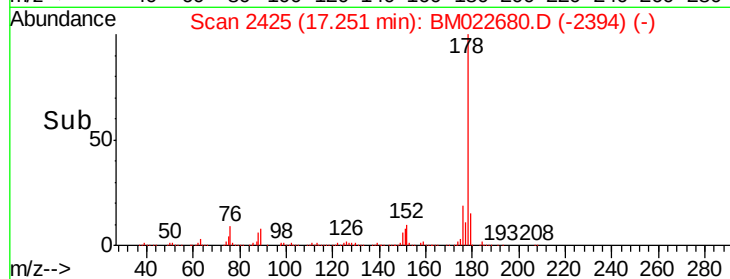
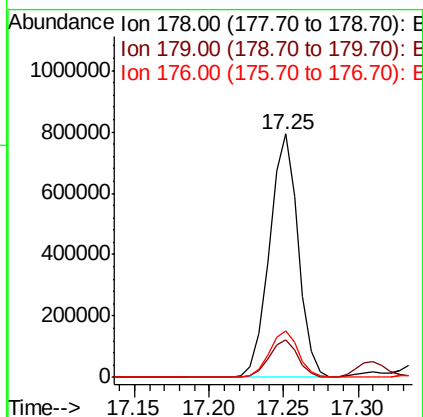
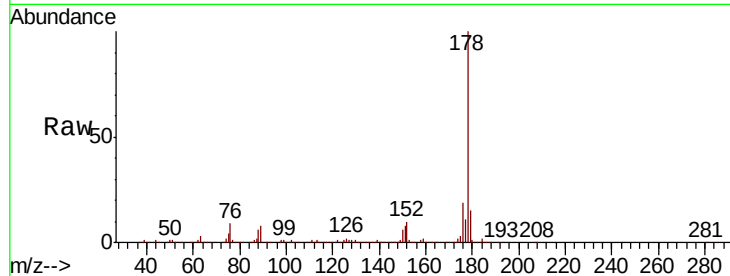
#70
Phenanthrene
Concen: 11.438 ng/ul
RT: 17.25 min Scan# 2425
Delta R.T. -0.02 min
Lab File: BM022680.D
Acq: 13 Sep 2019 17:11

Instrument :
BNA_M
ClientSampleId :
BF575DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	19.2	15.4	23.0

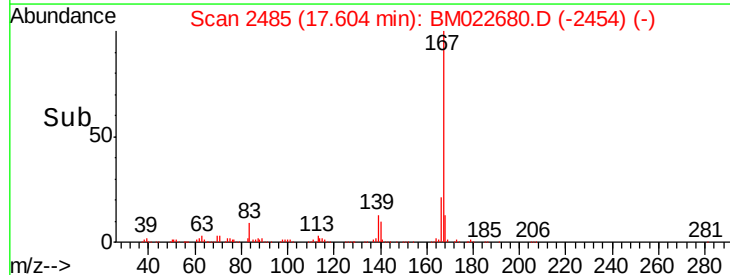
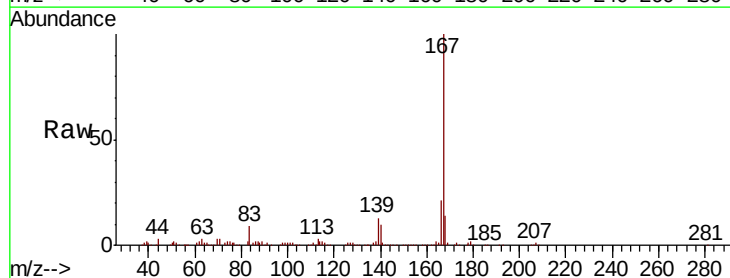
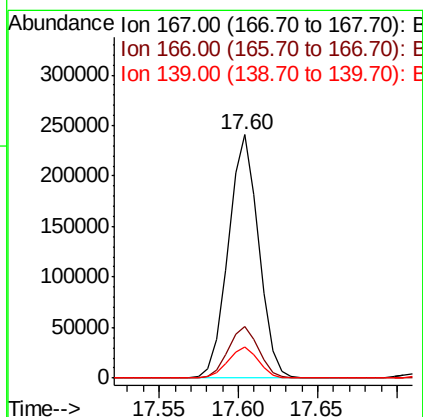
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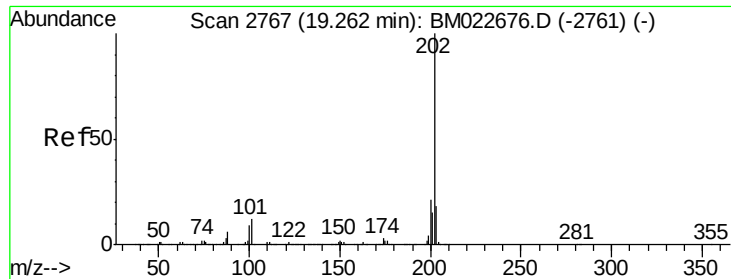
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#75
Carbazole
Concen: 3.746 ng/ul
RT: 17.60 min Scan# 2485
Delta R.T. -0.02 min
Lab File: BM022680.D
Acq: 13 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.8	10.6	15.8





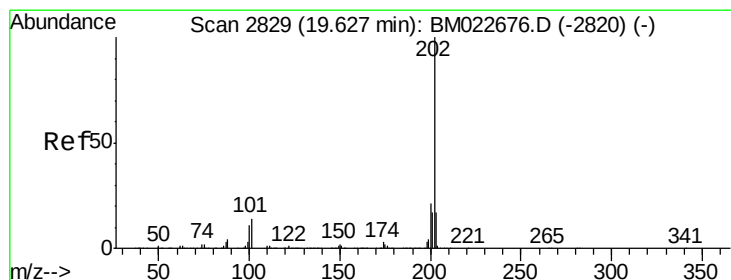
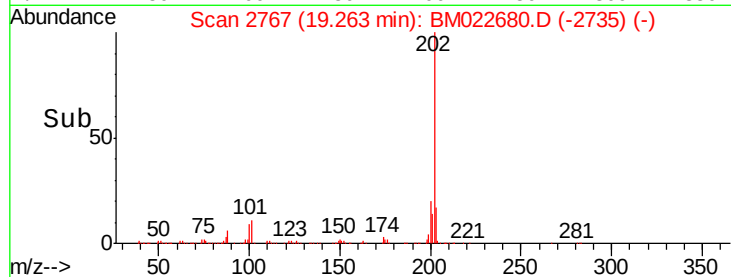
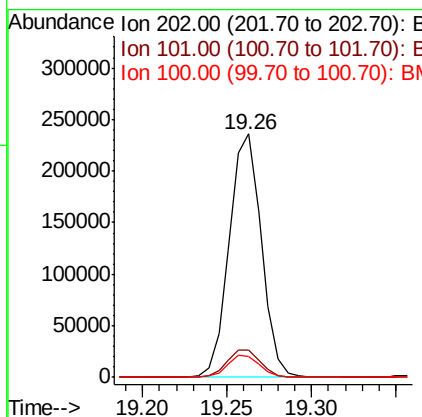
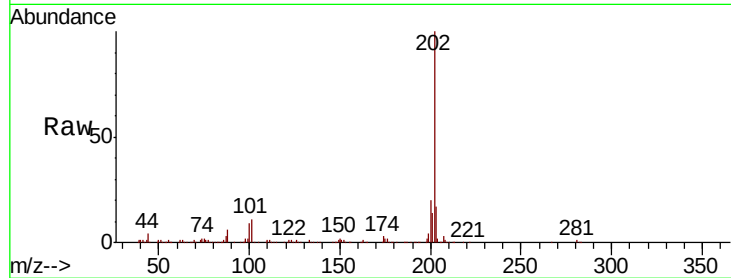
#77
Fluoranthene
 Concen: 2.985 ng/ul
 RT: 19.26 min Scan# 2767
 Delta R.T. -0.01 min
 Lab File: BM022680.D
 Acq: 13 Sep 2019 17:11

Instrument :
 BNA_M
 ClientSampleId :
 BF575DL

Tot Ion:	202	Resp:	312253
Ion Ratio	Lower	Upper	
202	100		
101	11.3	8.8	13.2
100	8.5	6.3	9.5

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#80
Pyrene
 Concen: 1.800 ng/ul
 RT: 19.62 min Scan# 2828
 Delta R.T. -0.02 min
 Lab File: BM022680.D
 Acq: 13 Sep 2019 17:11

Tgt Ion:	202	Resp:	198363
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.6	16.0
100	11.5	8.6	13.0

