

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
 Data File : BM026947.D
 Acq On : 30 Jul 2020 19:50
 Operator : JU/CG
 Sample : L3487-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L02

Manual Integrations
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Quant Time: Jul 31 01:57:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 31 01:15:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	70050	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	256913	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	168403	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	392426	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	443959	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	452309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	8983	5.85	ng/uL	0.00
5) Phenol-d5	6.84	99	33472	5.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	96553	23.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	90407	19.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	60084	12.72	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	52178	26.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	50556	27.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	107277	24.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	14871	2.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	396519	30.03	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	472690	28.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	14442	6.47	ng/ul	0.00
58) Fluorene-d10	15.29	176	356830	31.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	75338	43.07	ng/ul	0.00
71) Anthracene-d10	17.14	188	626438	31.94	ng/ul	0.00
79) Pyrene-d10	19.43	212	746269	31.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	850420	33.32	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.49	128	351427	24.484	ng/ul 98
34) 2-Methylnaphthalene	12.11	142	30410	2.997	ng/ul 97
45) Dimethylphthalate	13.75	163	46450	3.352	ng/ul# 97
50) Acenaphthene	14.36	153	46736	3.973	ng/ul 92
54) Dibenzofuran	14.70	168	29237m	1.793	ng/ul
56) 2,3,4,6-Tetrachlorophenol	14.92	232	10027	3.626	ng/ul# 95
59) Fluorene	15.35	166	24023	1.750	ng/ul 98
69) Pentachlorophenol	16.70	266	342040	131.665	ng/ul 99
75) Carbazole	17.44	167	29442	1.360	ng/ul# 96

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

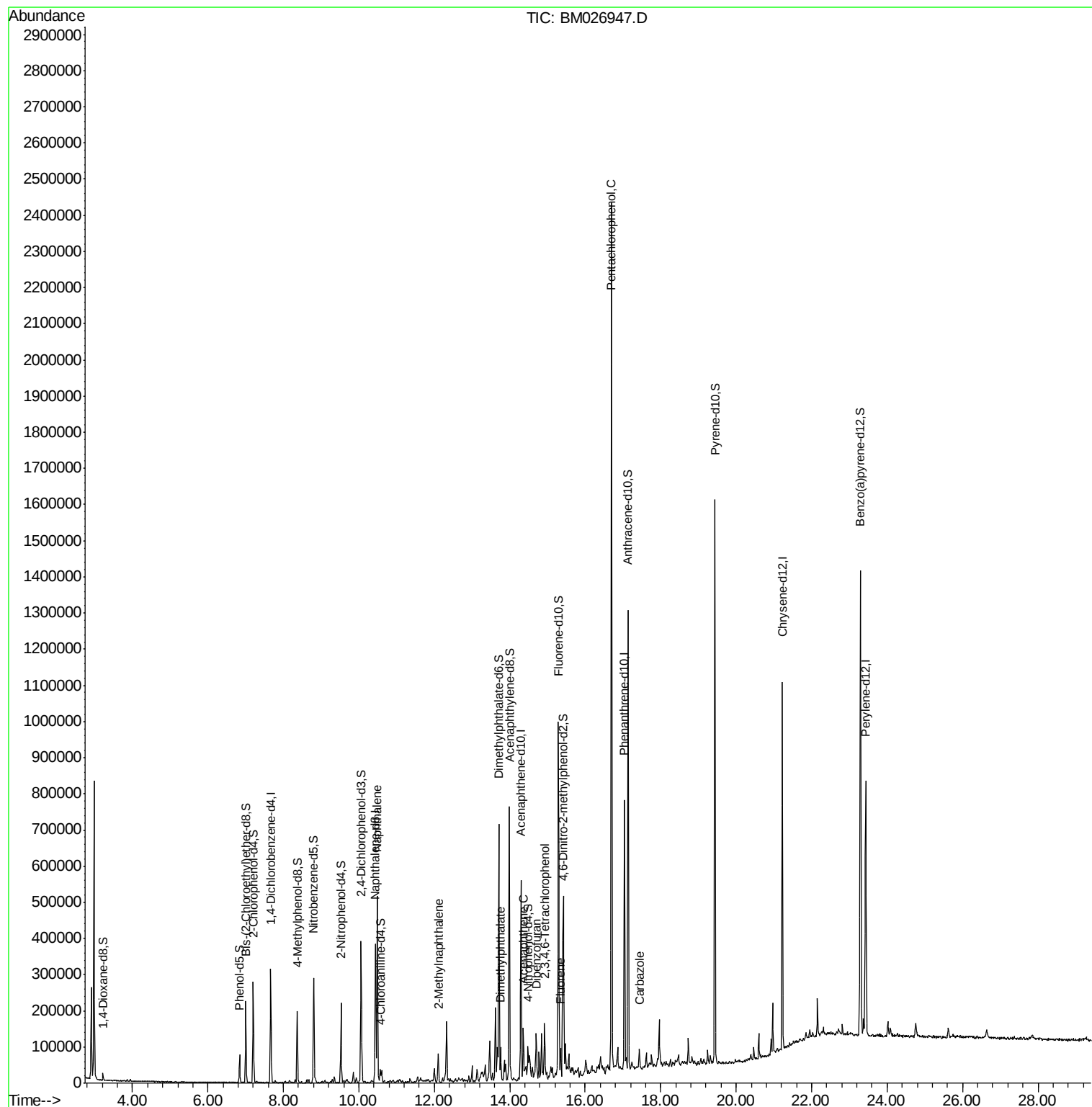
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026947.D
Acq On : 30 Jul 2020 19:50
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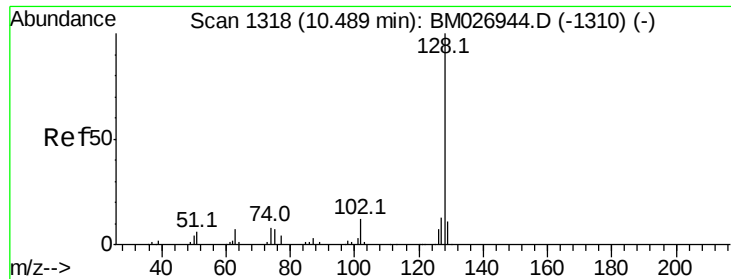
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jul 31 01:57:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
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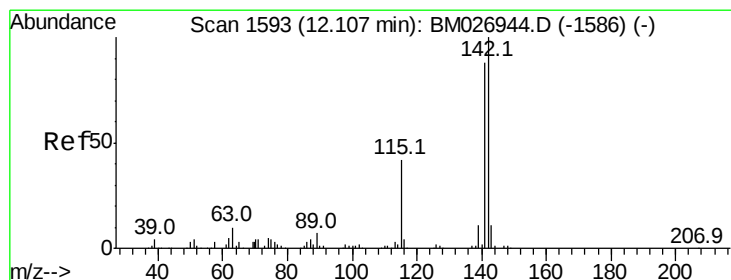
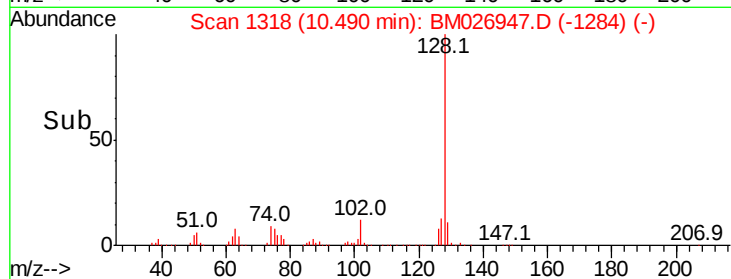
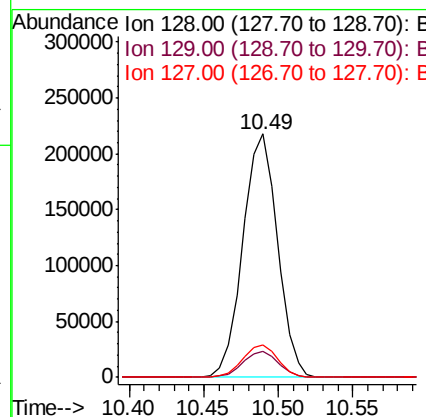
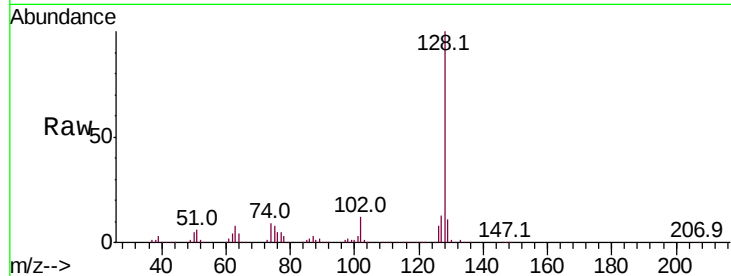
#28
Naphthalene
Concen: 24.484 ng/ul
RT: 10.49 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BM026947.D
Acq: 30 Jul 2020 19:50

Instrument :
BNA_M
ClientSampleId :
F4L02

Tot Ion:	128	Resp:	351427
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.3	12.5
127	13.2	11.0	16.6

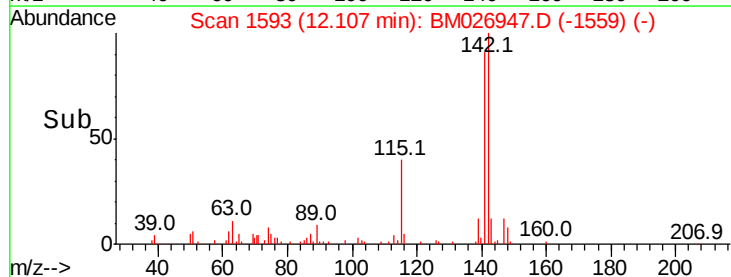
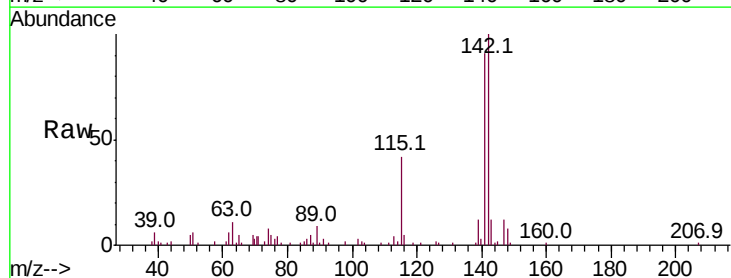
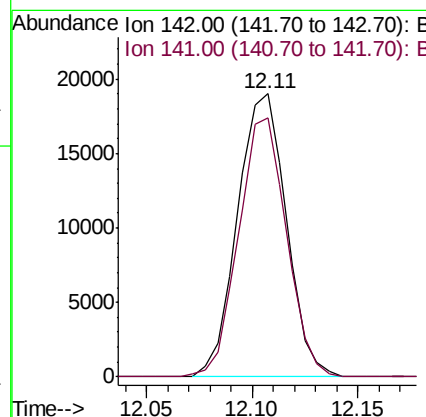
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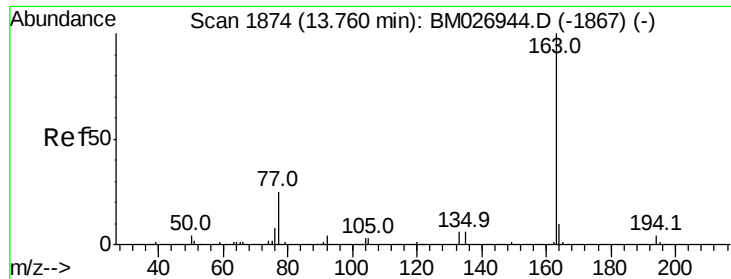
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#34
2-Methylnaphthalene
Concen: 2.997 ng/ul
RT: 12.11 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BM026947.D
Acq: 30 Jul 2020 19:50

Tgt Ion:	142	Resp:	30410
Ion Ratio	Lower	Upper	
142	100		
141	91.3	71.1	106.7





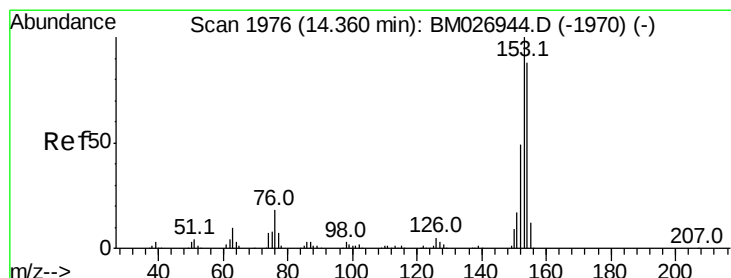
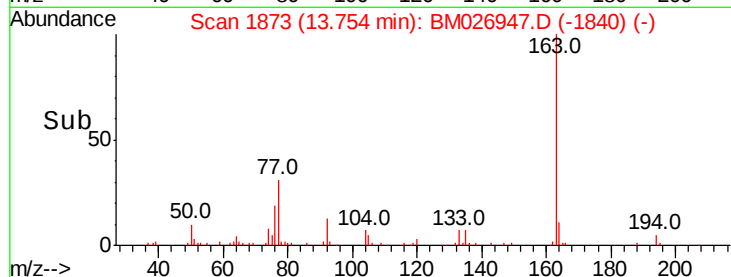
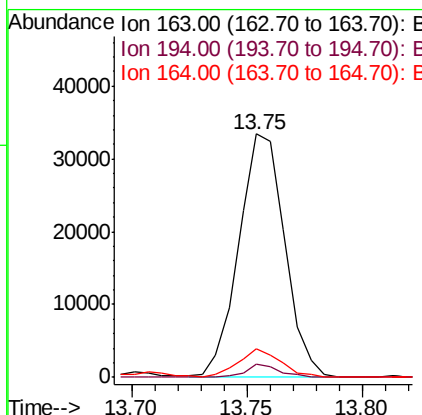
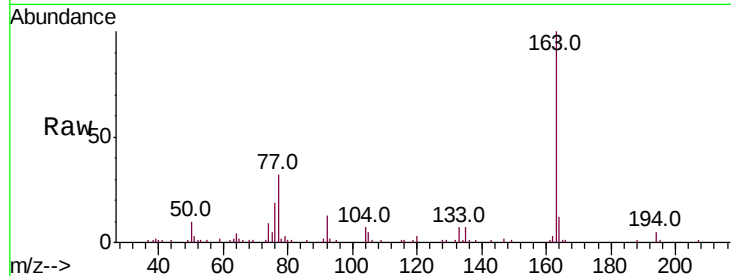
#45
Dimethylphthalate
Concen: 3.352 ng/ul
RT: 13.75 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BM026947.D
Acq: 30 Jul 2020 19:50

Instrument :
BNA_M
ClientSampleId :
F4L02

Tot Ion	Ratio	Resp	Lower	Upper
163	100	46450		
194	5.2	3.0	4.6#	
164	11.7	8.6	12.8	

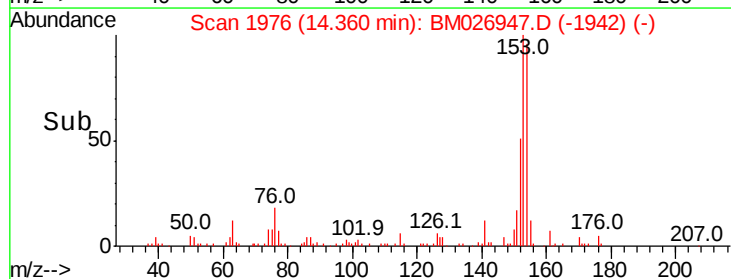
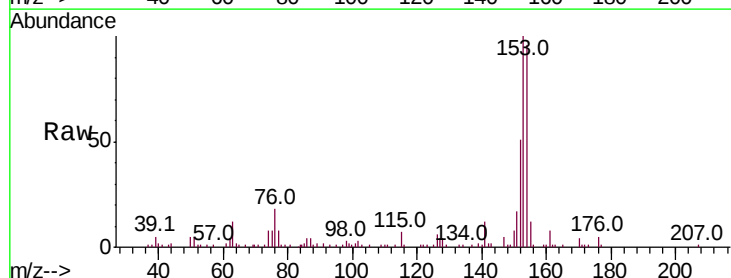
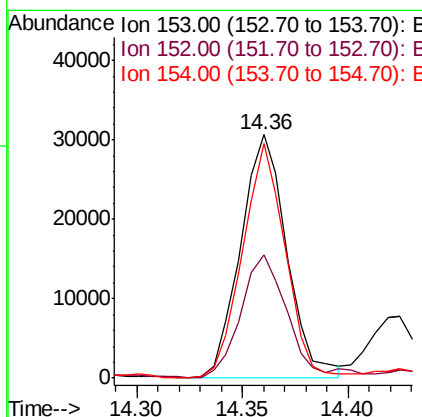
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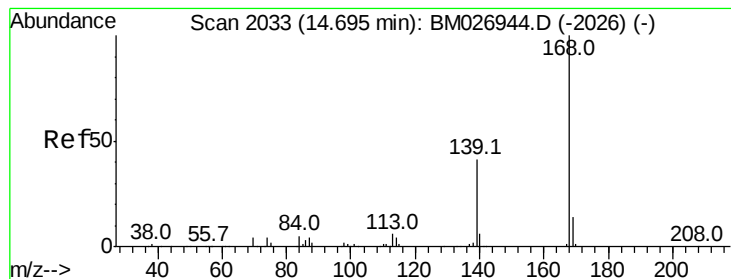
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#50
Acenaphthene
Concen: 3.973 ng/ul
RT: 14.36 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM026947.D
Acq: 30 Jul 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	46736		
152	50.8	37.8	56.6	
154	96.3	70.5	105.7	





#54

Dibenzofuran

Concen: 1.793 ng/ul m

RT: 14.70 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BM026947.D

Acq: 30 Jul 2020 19:50

Instrument :

BNA_M

ClientSampled :

F4L02

Tot Ion:168 Resp: 29237

Ion Ratio Lower Upper

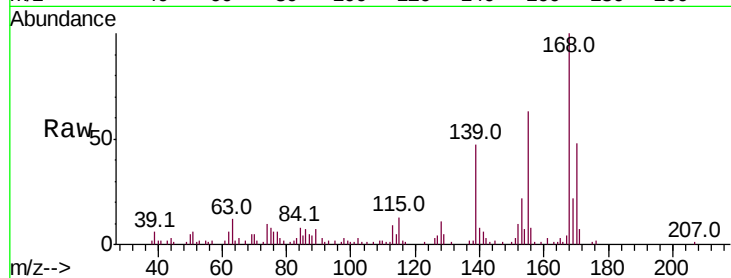
168 100

139 47.5 30.8 46.2#

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

20000

15000

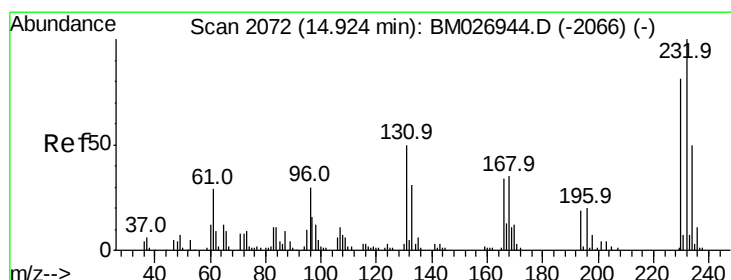
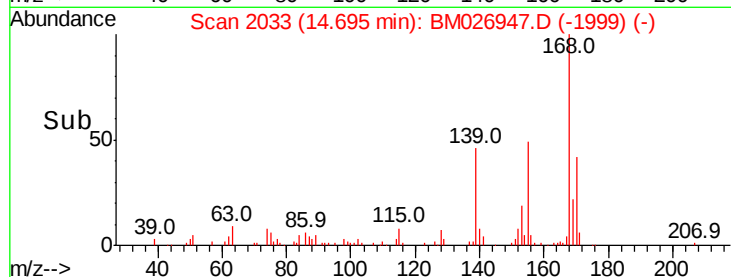
10000

5000

0

14.65 14.70 14.75

Time-->



#56

2,3,4,6-Tetrachlorophenol

Concen: 3.626 ng/ul

RT: 14.92 min Scan# 2072

Delta R.T. 0.00 min

Lab File: BM026947.D

Acq: 30 Jul 2020 19:50

Tgt Ion:232 Resp: 10027

Ion Ratio Lower Upper

232 100

131 45.1 39.4 59.2

130 5.3 2.6 4.0#

166 35.3 26.7 40.1

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

12000

10000

8000

6000

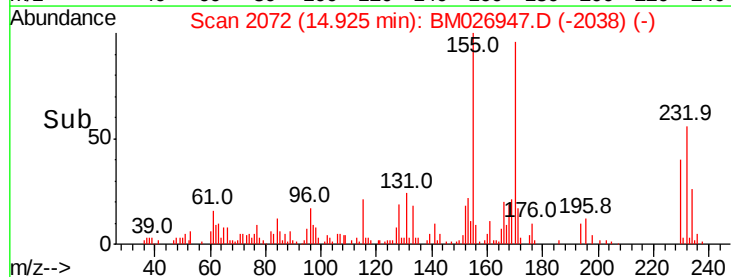
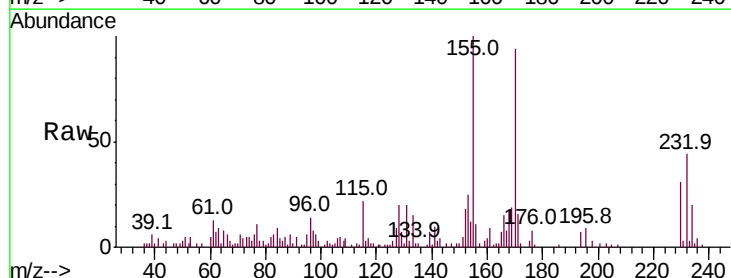
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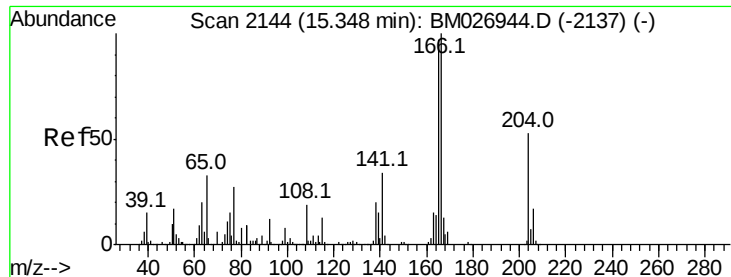
2000

0

14.90 14.92 14.95

Time-->





#59

Fluorene

Concen: 1.750 ng/ul

RT: 15.35 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BM026947.D

Acq: 30 Jul 2020 19:50

Instrument :

BNA_M

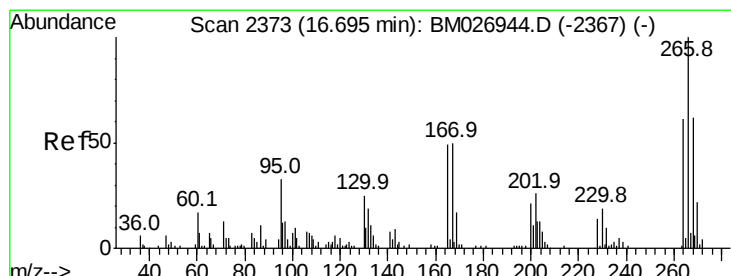
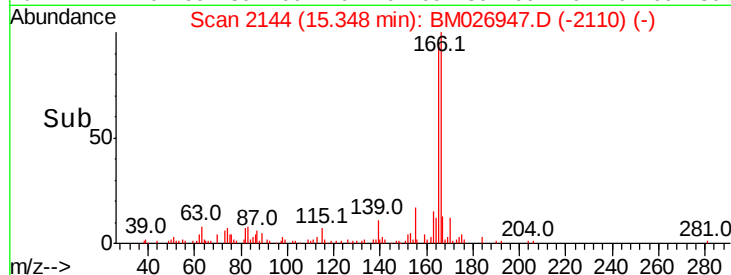
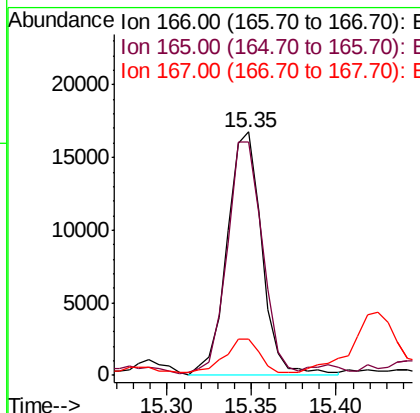
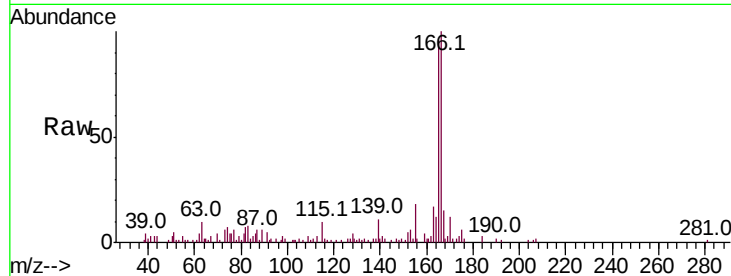
ClientSampleId :

F4L02

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.9	78.2	117.2
167	14.7	10.3	15.5

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#69

Pentachlorophenol

Concen: 131.665 ng/ul

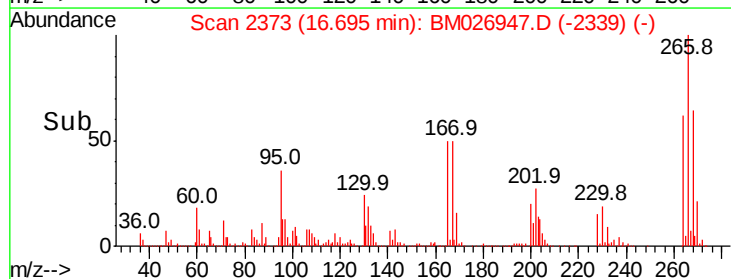
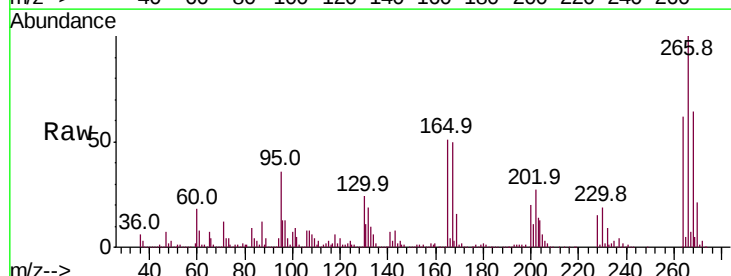
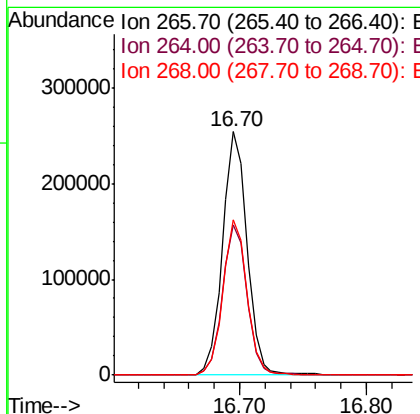
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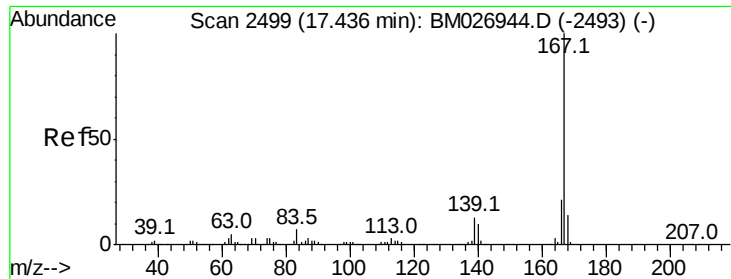
Delta R.T. 0.00 min

Lab File: BM026947.D

Acq: 30 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.8	49.3	73.9
268	63.8	50.5	75.7





#75
 Carbazole
 Concen: 1.360 ng/ul
 RT: 17.44 min Scan# 2499
 Delta R.T. 0.00 min
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 Acq: 30 Jul 2020 19:50

Instrument :
 BNA_M
 ClientSampleId :
 F4L02

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.1	25.7
139	15.8	10.1	15.1#

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