

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023045.D
 Acq On : 08 Oct 2019 14:59
 Operator : JU
 Sample : K5056-13MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAE9MSD

Quant Time: Oct 08 15:33:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	183550	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	757697	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	441421	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	884379	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	906987	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	1074855	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	29408	6.93	ng/uL	0.00
5) Phenol-d5	6.95	99	521565	32.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	311246	35.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	436778	33.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	416883	31.40	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	214645	36.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	201646	31.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	401835	31.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	417836	27.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	1071417	31.27	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	1447258	36.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	166732	24.63	ng/ul	0.00
58) Fluorene-d10	15.40	176	1028930	35.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	116156	20.18	ng/ul	0.00
71) Anthracene-d10	17.25	188	1562216	36.17	ng/ul	0.00
79) Pyrene-d10	19.54	212	1757169	36.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	2043363	36.75	ng/ul	0.00

Target Compounds

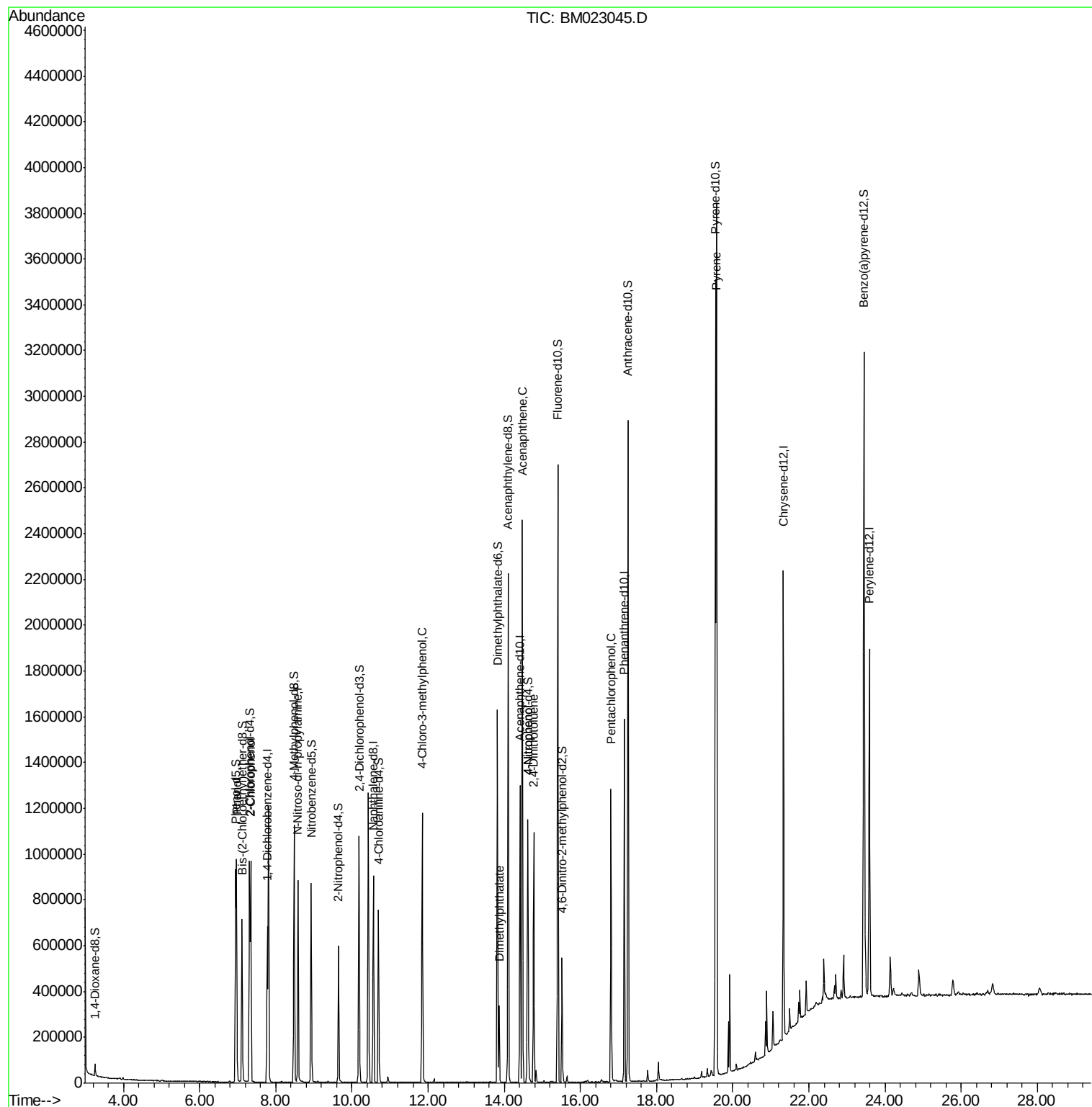
					Ovalue
6) Phenol	6.97	94	523305	30.780	ng/ul 99
10) 2-Chlorophenol	7.34	128	429682	30.672	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.58	70	320381	30.730	ng/ul 100
33) 4-Chloro-3-methylphenol	11.85	107	397644	30.015	ng/ul 99
45) Dimethylphthalate	13.87	163	210166	5.972	ng/ul 100
50) Acenaphthene	14.47	153	979936	32.944	ng/ul 99
53) 4-Nitrophenol	14.62	109	151722	30.669	ng/ul 99
55) 2,4-Dinitrotoluene	14.77	165	322606	31.160	ng/ul 100
69) Pentachlorophenol	16.80	266	221632	28.720	ng/ul 100
80) Pyrene	19.57	202	2154535	33.510	ng/ul 97

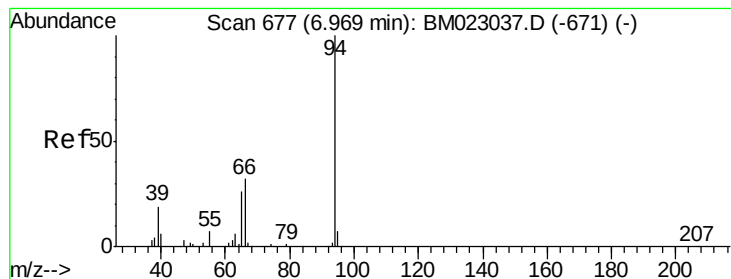
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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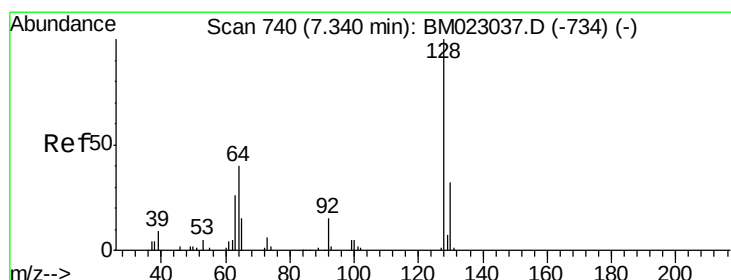
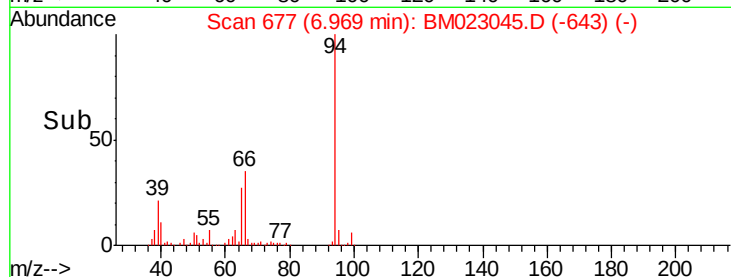
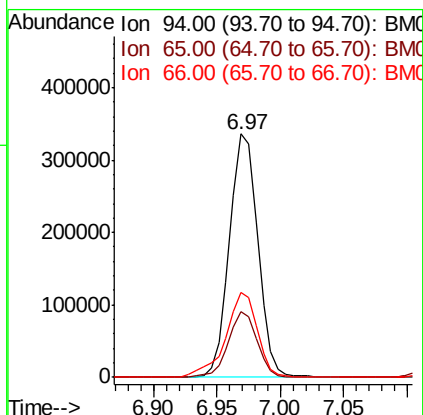
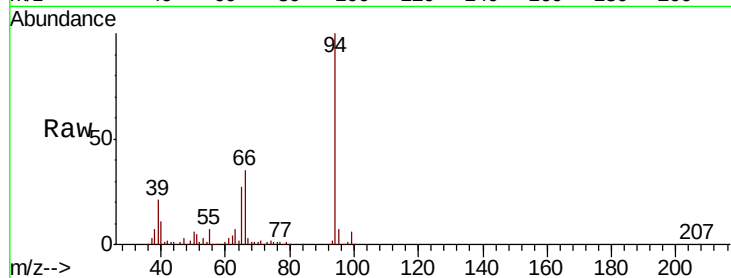
#6

Phenol

Concen: 30.780 ng/ul
 RT: 6.97 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BM023045.D
 Acq: 08 Oct 2019 14:59

Instrument :
 BNA_M
 ClientSampleId :
 DBAE9MSD

Tot Ion	94	Resp	523305
Ion Ratio	100	Lower	Upper
65	26.9	20.9	31.3
66	34.6	27.2	40.8

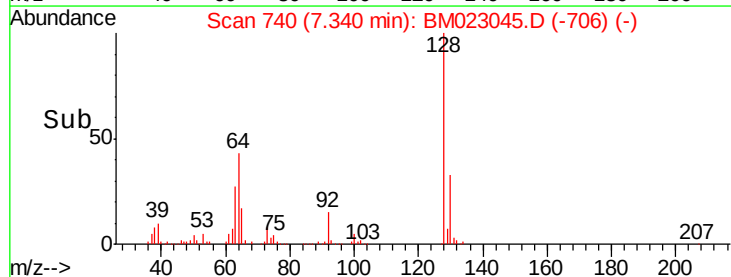
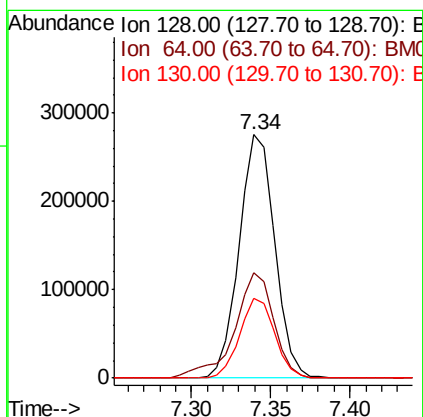
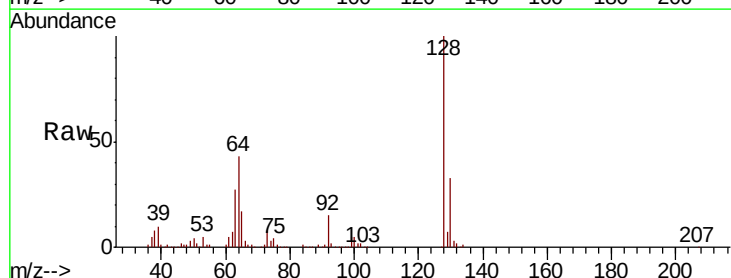


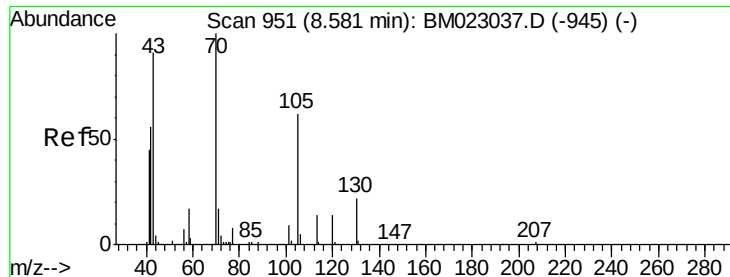
#10

2-Chlorophenol

Concen: 30.672 ng/ul
 RT: 7.34 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BM023045.D
 Acq: 08 Oct 2019 14:59

Tgt Ion	128	Resp	429682
Ion Ratio	100	Lower	Upper
64	43.4	34.1	51.1
130	32.6	26.0	39.0

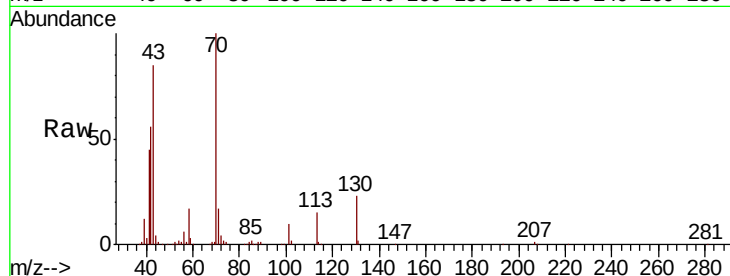




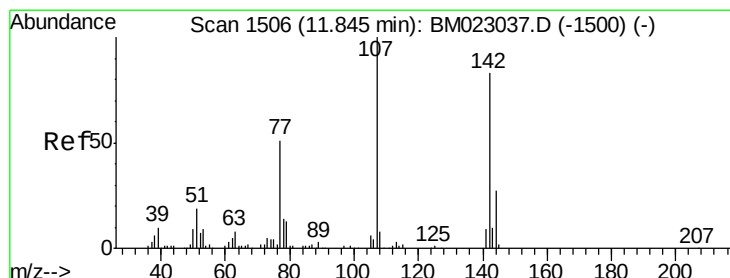
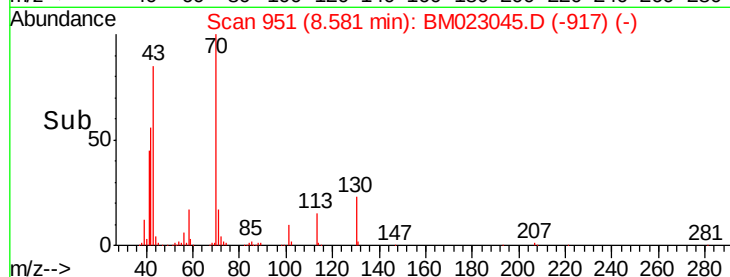
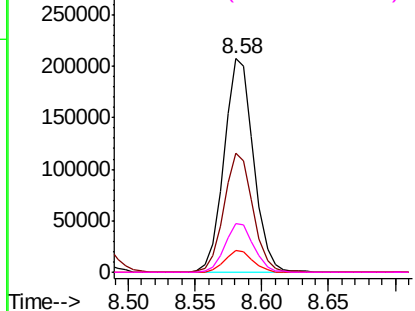
#15
N-Nitroso-di-n-propylamine
Concen: 30.730 ng/ul
RT: 8.58 min Scan# 951
Delta R.T. -0.00 min
Lab File: BM023045.D
Acq: 08 Oct 2019 14:59

Instrument :
BNA_M
ClientSampleId :
DBAE9MSD

Tot Ion:	70	Resp:	320381
Ion	Ratio	Lower	Upper
70	100		
42	55.8	44.6	66.8
101	10.0	8.2	12.2
130	22.7	18.7	28.1

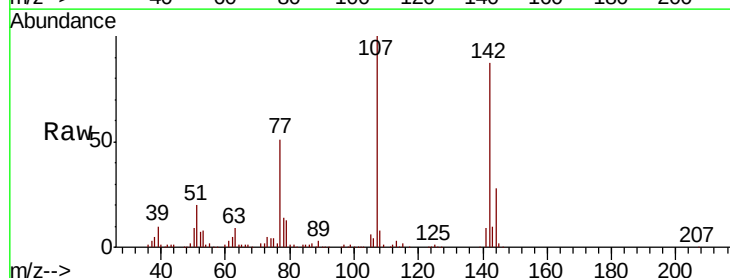


Abundance Ion 70.00 (69.70 to 70.70): BM023037.D (-945) (-)
Ion 42.00 (41.70 to 42.70): BM023037.D (-945) (-)
Ion 101.00 (100.70 to 101.70): BM023037.D (-945) (-)
Ion 130.00 (129.70 to 130.70): BM023037.D (-945) (-)

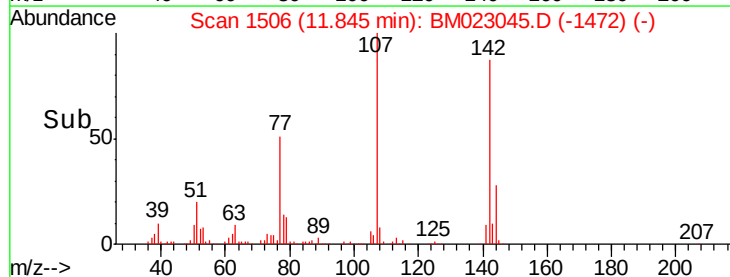
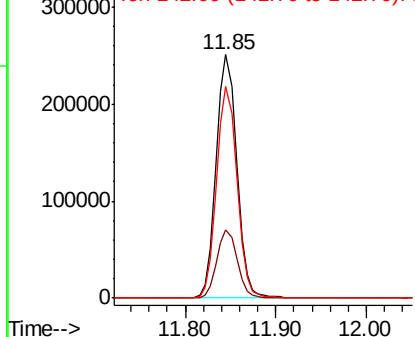


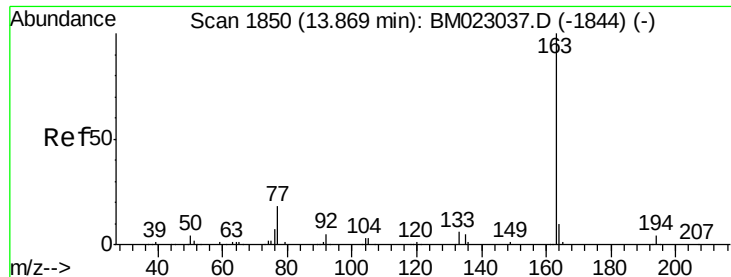
#33
4-Chloro-3-methylphenol
Concen: 30.015 ng/ul
RT: 11.85 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BM023045.D
Acq: 08 Oct 2019 14:59

Tgt Ion:	107	Resp:	397644
Ion	Ratio	Lower	Upper
107	100		
144	28.2	22.5	33.7
142	87.0	68.9	103.3



Abundance Ion 107.00 (106.70 to 107.70): BM023037.D (-1500) (-)
Ion 144.00 (143.70 to 144.70): BM023037.D (-1500) (-)
Ion 142.00 (141.70 to 142.70): BM023037.D (-1500) (-)





#45

Dimethylphthalate

Concen: 5.972 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM023045.D

Acq: 08 Oct 2019 14:59

Instrument :

BNA_M

ClientSampleId :

DBAE9MSD

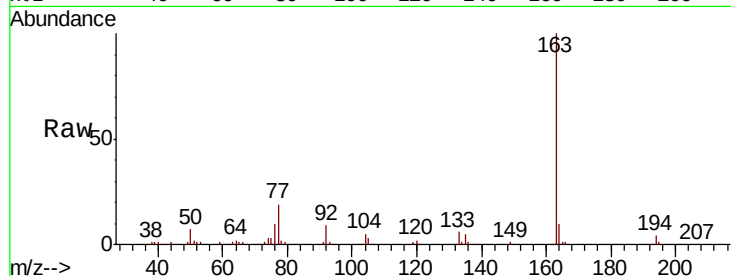
Tot Ion:163 Resp: 210166

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

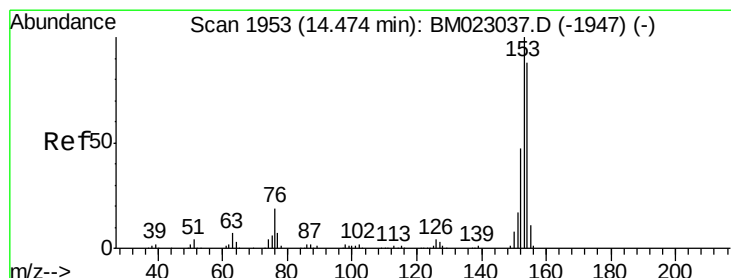
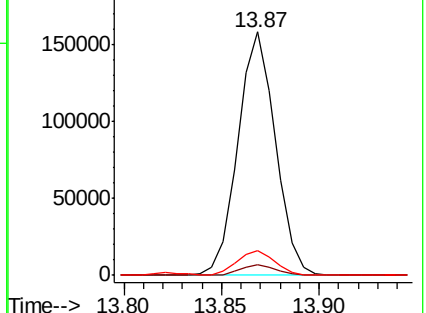
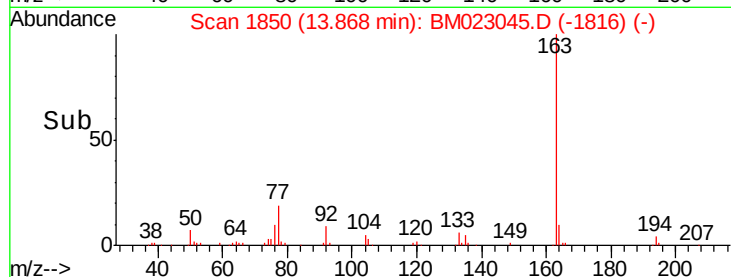
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 32.944 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM023045.D

Acq: 08 Oct 2019 14:59

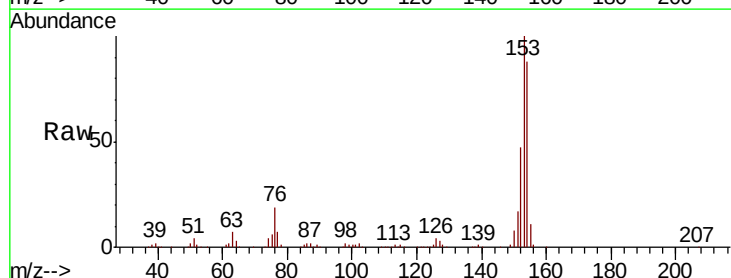
Tgt Ion:153 Resp: 979936

Ion Ratio Lower Upper

153 100

152 47.3 38.1 57.1

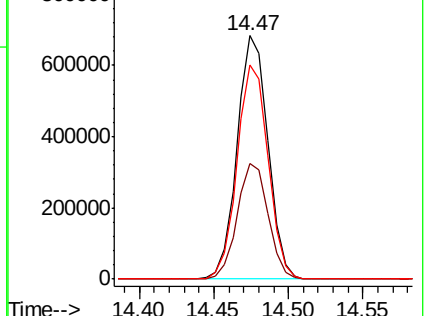
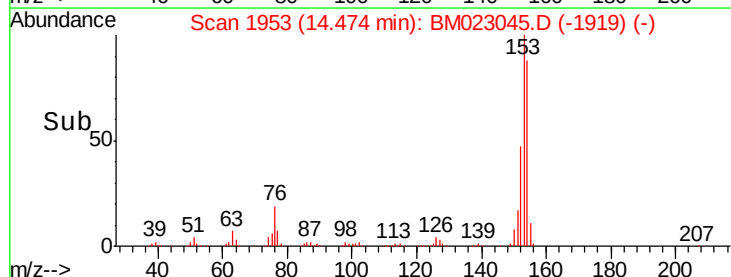
154 87.9 71.1 106.7

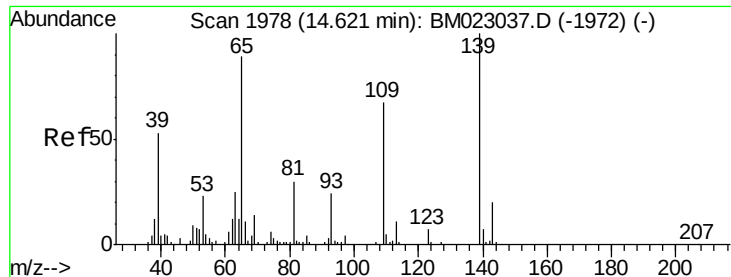


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

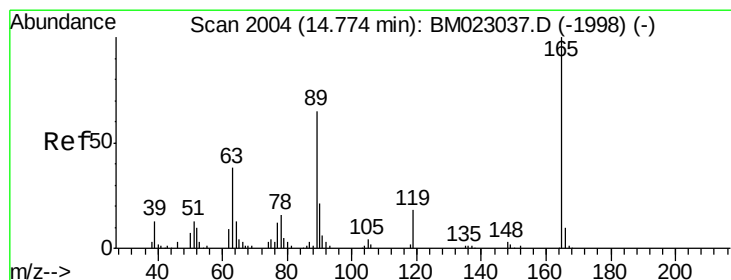
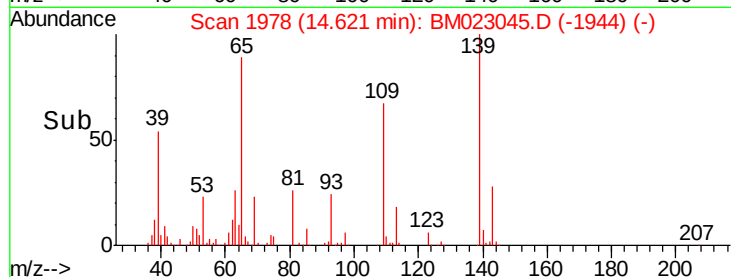
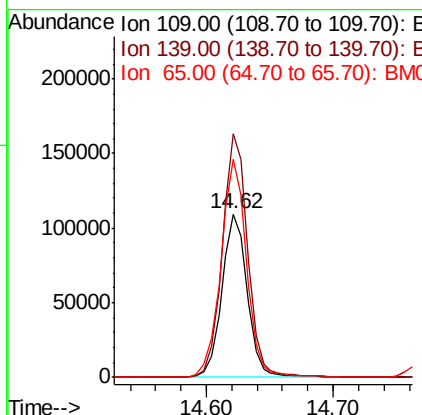
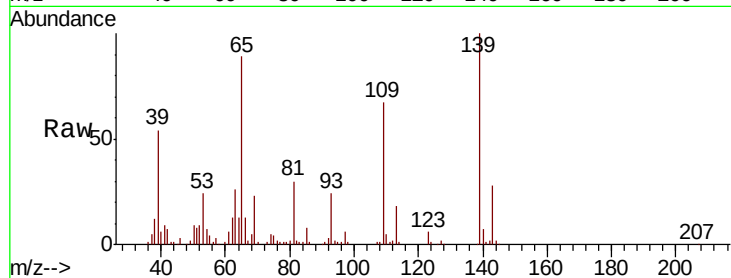




#53
4-Nitrophenol
Concen: 30.669 ng/ul
RT: 14.62 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM023045.D
Acq: 08 Oct 2019 14:59

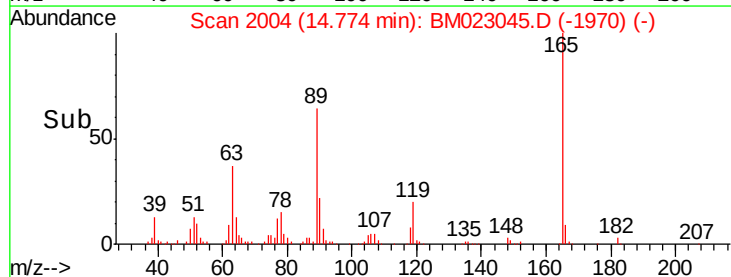
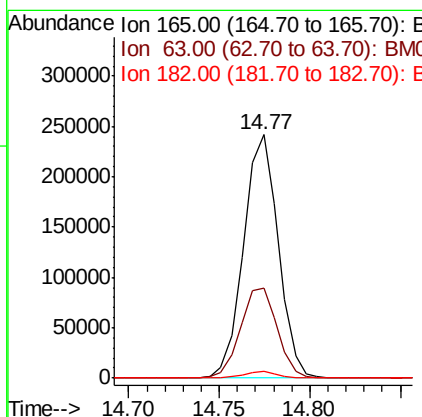
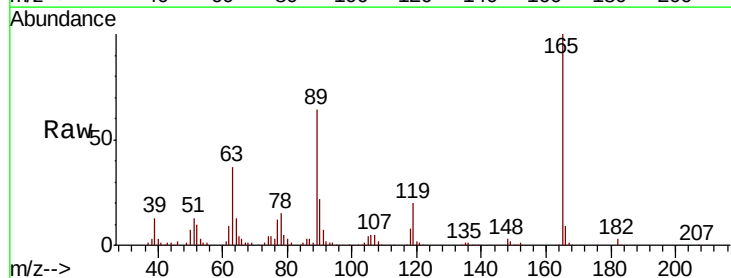
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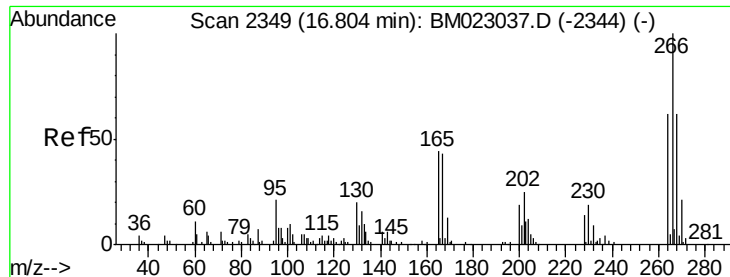
Tot Ion:109 Resp: 151722
Ion Ratio Lower Upper
109 100
139 148.9 119.5 179.3
65 133.1 105.0 157.4



#55
2,4-Dinitrotoluene
Concen: 31.160 ng/ul
RT: 14.77 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BM023045.D
Acq: 08 Oct 2019 14:59

Tgt Ion:165 Resp: 322606
Ion Ratio Lower Upper
165 100
63 37.0 29.8 44.6
182 3.0 2.2 3.4

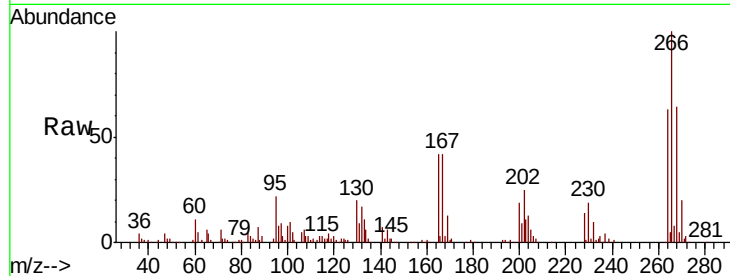




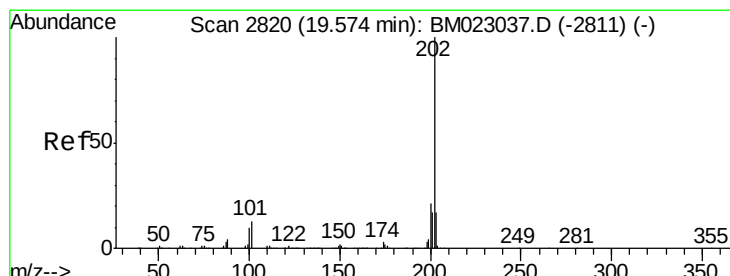
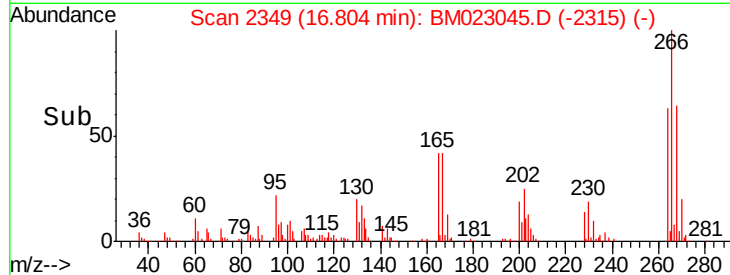
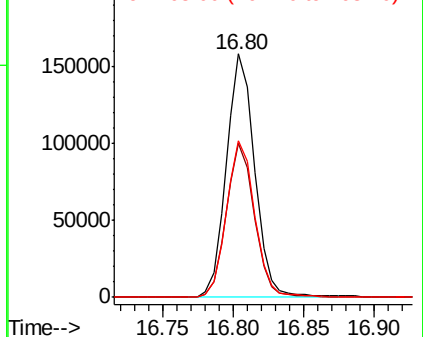
#69
 Pentachlorophenol
 Concen: 28.720 ng/ul
 RT: 16.80 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BM023045.D
 Acq: 08 Oct 2019 14:59

Instrument :
 BNA_M
 ClientSampleId :
 DBAE9MSD

Tot Ion:266 Resp: 221632
 Ion Ratio Lower Upper
 266 100
 264 63.3 50.8 76.2
 268 64.1 51.4 77.0

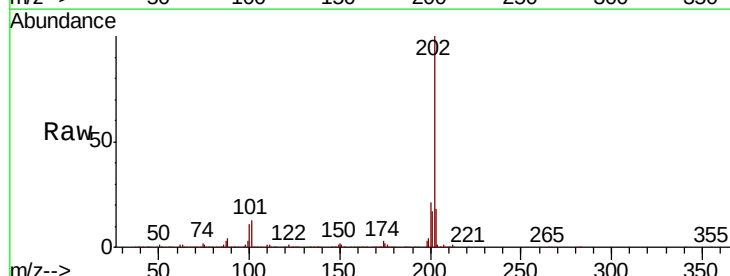


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 33.510 ng/ul
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.00 min
 Lab File: BM023045.D
 Acq: 08 Oct 2019 14:59

Tgt Ion:202 Resp: 2154535
 Ion Ratio Lower Upper
 202 100
 101 13.2 9.7 14.5
 100 10.7 7.8 11.8



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): E

