

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005479.D
 Acq On : 18 May 2016 20:56
 Operator : UM/SJ
 Sample : H2841-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WS7

Quant Time: May 19 01:45:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 18 14:47:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	36822	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	177281	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	120795	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	324621	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	534838	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	645734	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	1895	1.98	ng/uL	0.00
5) Phenol-d5	6.99	99	48193	13.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	29193	15.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	38423	14.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	41568	13.80	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	18267	14.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	19409	13.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	41083	14.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	40820	12.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	166697	16.79	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	191138	16.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	28696	14.08	ng/ul	0.00
57) Fluorene-d10	15.46	176	153822	17.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	20294	11.86	ng/ul	0.00
70) Anthracene-d10	17.30	188	261621	17.52	ng/ul	0.00
76) Pyrene-d10	19.59	212	367024	17.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	533779	18.49	ng/ul	0.00

Target Compounds

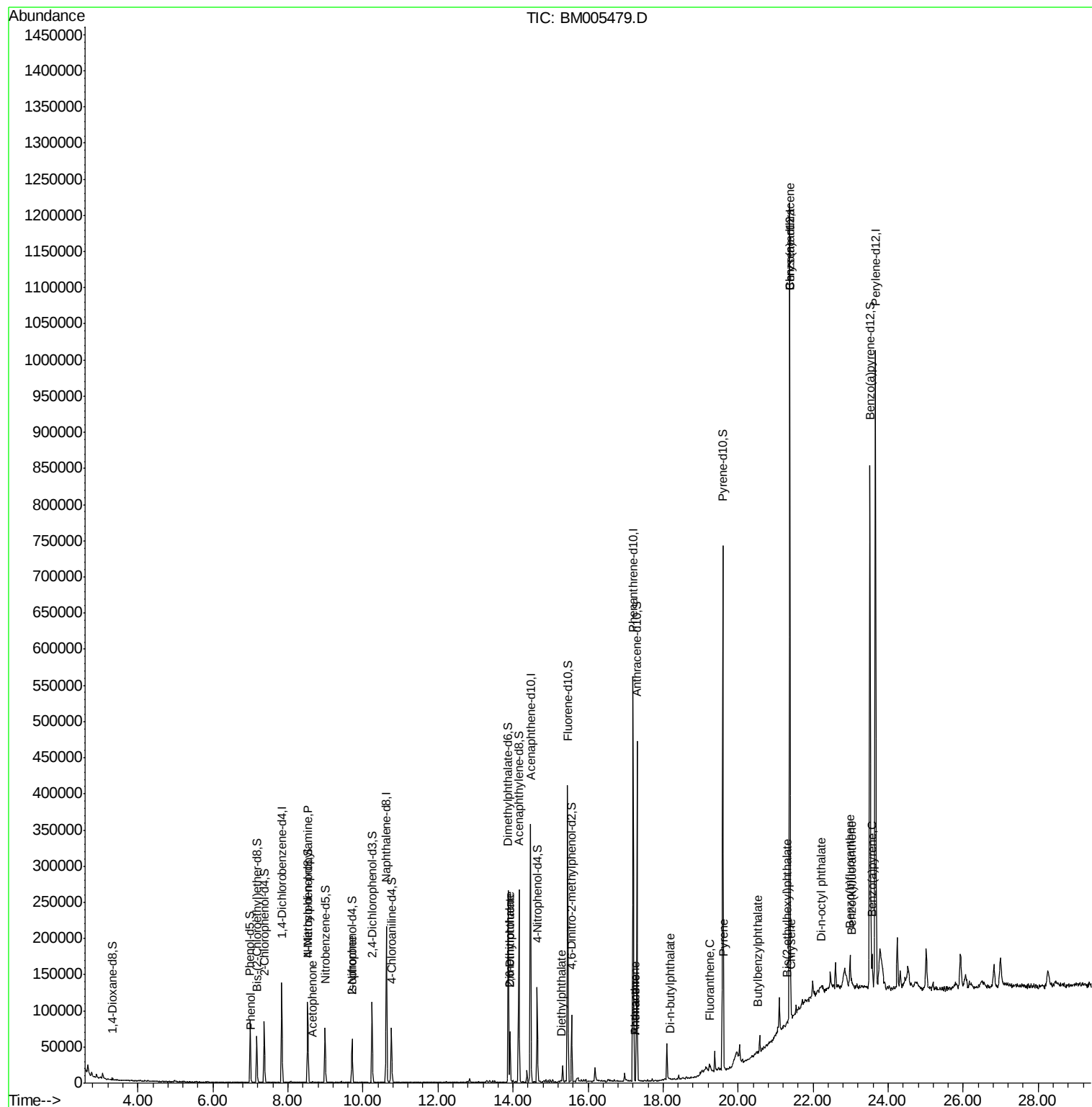
					Qvalue	
6) Phenol	7.02	94	1226	0.33	ng/ul	95
14) Acetophenone	8.66	105	442	0.10	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.53	70	999	0.39	ng/ul#	1
21) Isophorone	9.71	82	1659	0.25	ng/ul#	67
44) Dimethylphthalate	13.92	163	42824	4.23	ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	224	0.11	ng/ul#	26
56) Diethylphthalate	15.29	149	569	0.05	ng/ul#	59
69) Phenanthrene	17.24	178	406	0.02	ng/ul#	60
71) Anthracene	17.24	178	406	0.02	ng/ul#	60
73) Di-n-butylphthalate	18.17	149	1122	0.05	ng/ul#	78
74) Fluoranthene	19.26	202	867	0.04	ng/ul#	72
77) Pyrene	19.62	202	1284	0.04	ng/ul#	69
78) Butylbenzylphthalate	20.52	149	240	0.02	ng/ul#	35
80) Benzo(a)anthracene	21.38	228	1893	0.06	ng/ul#	57
81) Bis(2-ethylhexyl)phthalate	21.30	149	1267	0.07	ng/ul#	95
82) Chrysene	21.42	228	978	0.03	ng/ul#	50
84) Di-n-octyl phthalate	22.20	149	283	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	22.97	252	325	0.01	ng/ul#	1
86) Benzo(k)fluoranthene	23.02	252	405	0.01	ng/ul#	1
88) Benzo(a)pyrene	23.56	252	128	0.00	ng/ul#	1

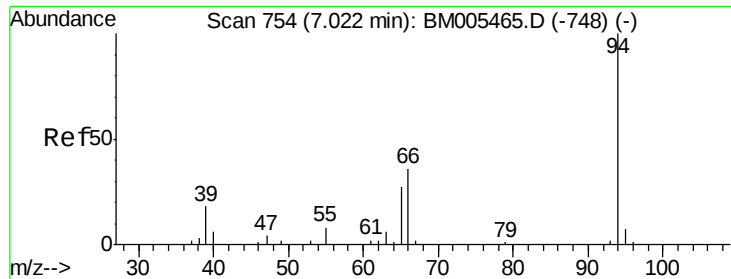
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 0.33 ng/ul

RT: 7.02 min Scan# 754

Delta R.T. 0.00 min

Lab File: BM005479.D

Acq: 18 May 2016 20:56

Instrument :

BNA_M

ClientSampleId :

D9WS7

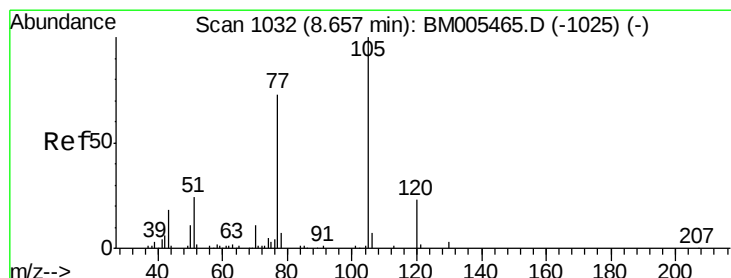
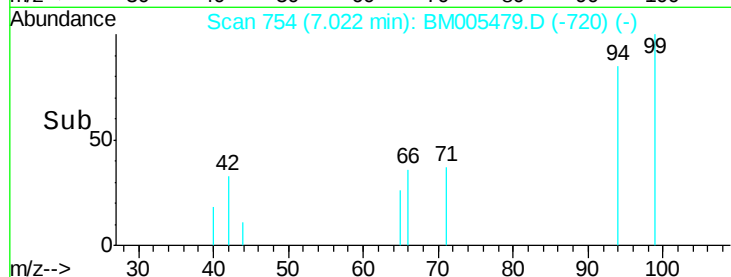
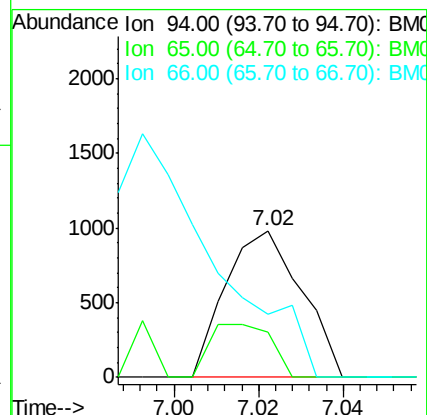
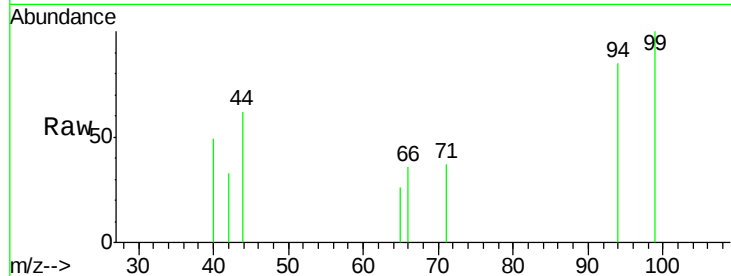
Tgt Ion: 94 Resp: 1226

Ion Ratio Lower Upper

94 100

65 31.0 22.7 34.1

66 43.0 31.7 47.5



#14

Acetophenone

Concen: 0.10 ng/ul

RT: 8.66 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BM005479.D

Acq: 18 May 2016 20:56

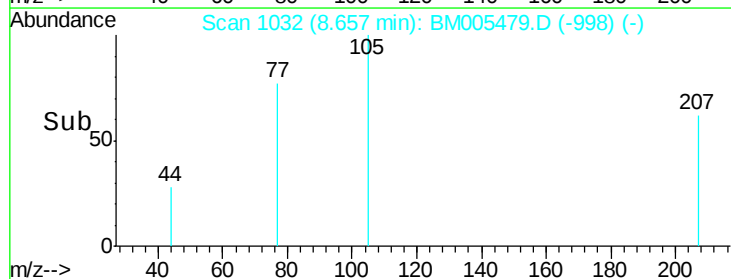
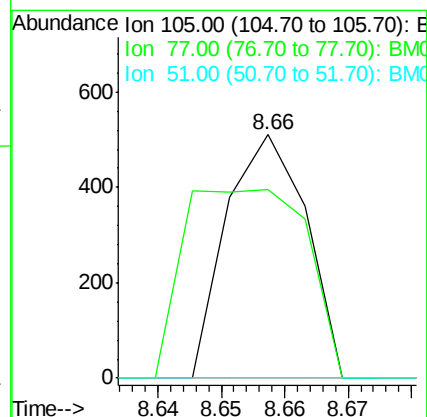
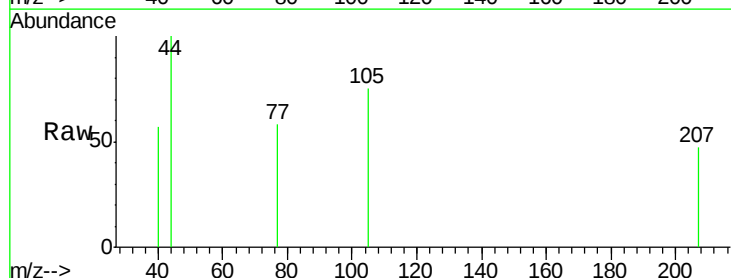
Tgt Ion: 105 Resp: 442

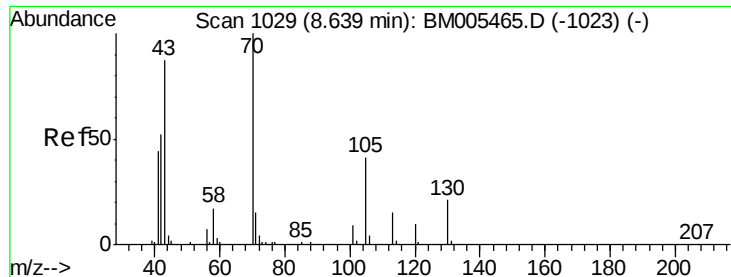
Ion Ratio Lower Upper

105 100

77 77.3 61.2 91.8

51 0.0 21.2 31.8#

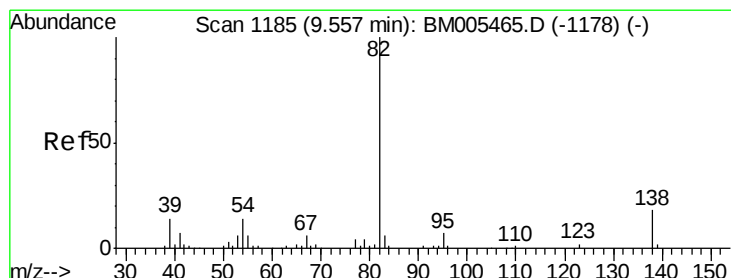
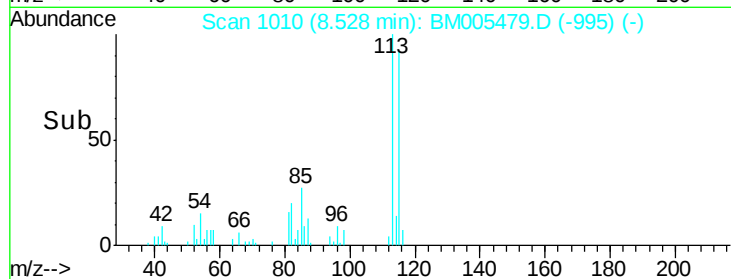
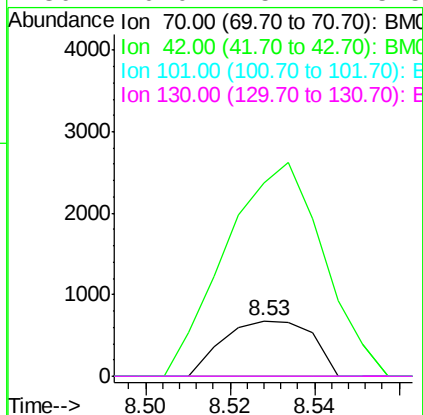
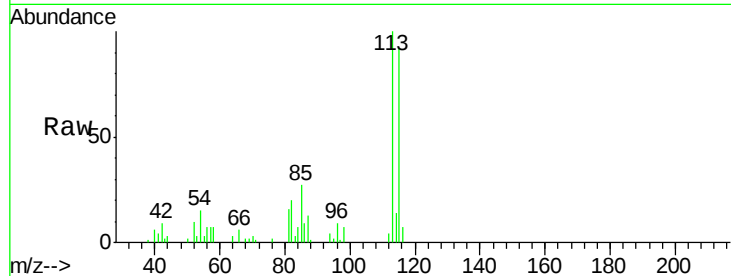




#15
N-Nitroso-di-n-propylamine
Concen: 0.39 ng/ul
RT: 8.53 min Scan# 1010
Delta R.T. -0.11 min
Lab File: BM005479.D
Acq: 18 May 2016 20:56

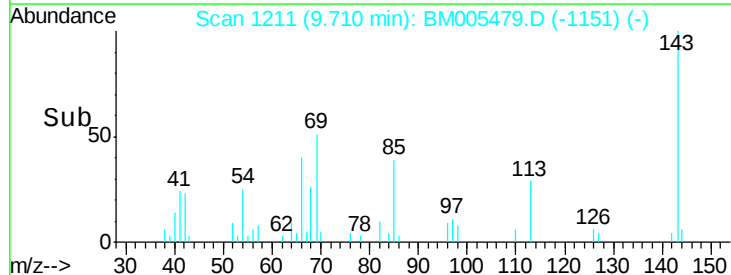
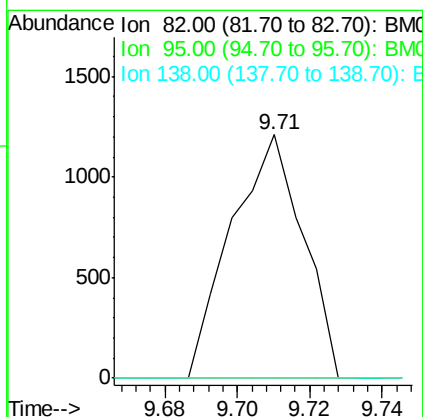
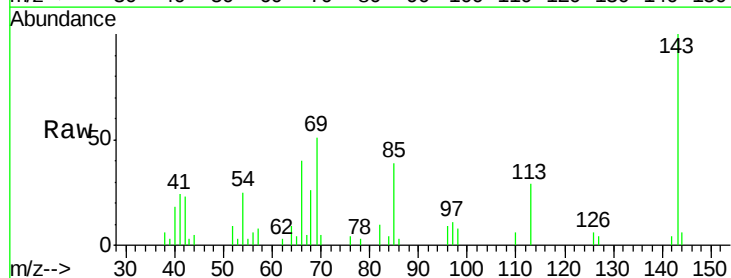
Instrument :
BNA_M
ClientSampleId :
D9WS7

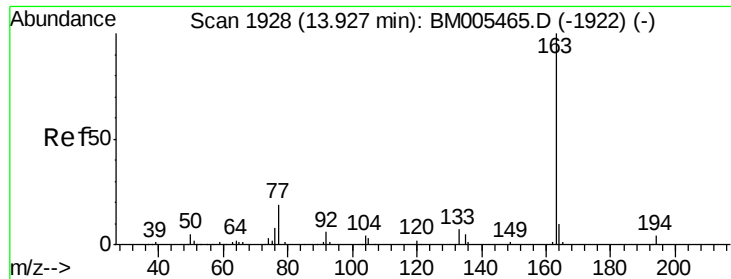
Tgt Ion:	70	Resp:	999
Ion	Ratio	Lower	Upper
70	100		
42	349.9	42.8	64.2#
101	0.0	7.8	11.6#
130	0.0	15.7	23.5#



#21
Isophorone
Concen: 0.25 ng/ul
RT: 9.71 min Scan# 1211
Delta R.T. 0.15 min
Lab File: BM005479.D
Acq: 18 May 2016 20:56

Tgt Ion:	82	Resp:	1659
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.2#





#44

Dimethylphthalate

Concen: 4.23 ng/ul

RT: 13.92 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM005479.D

Acq: 18 May 2016 20:56

Instrument :

BNA_M

ClientSampleId :

D9WS7

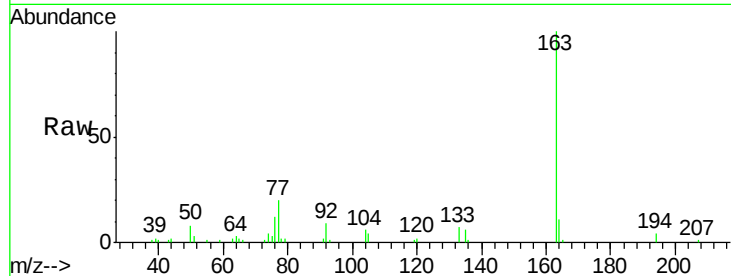
Tgt Ion:163 Resp: 42824

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

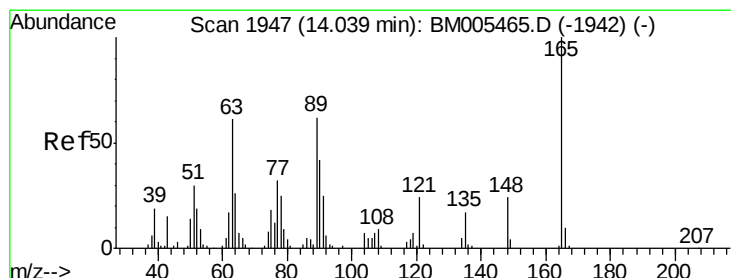
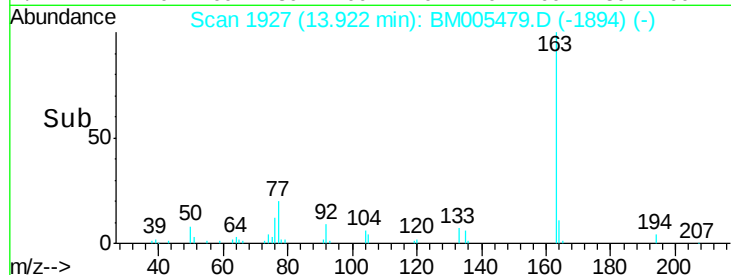
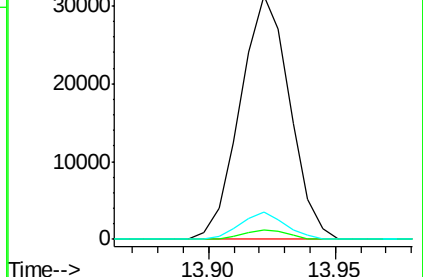
164 11.0 7.9 11.9



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



#45

2,6-Dinitrotoluene

Concen: 0.11 ng/ul

RT: 13.92 min Scan# 1927

Delta R.T. -0.12 min

Lab File: BM005479.D

Acq: 18 May 2016 20:56

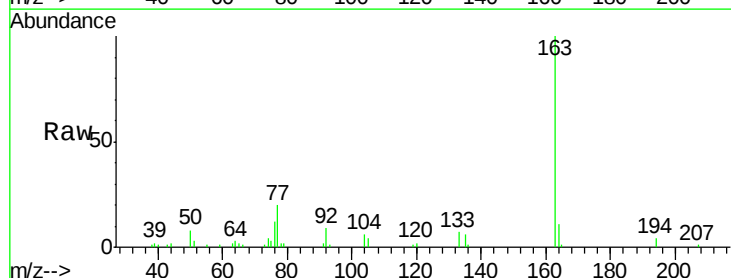
Tgt Ion:165 Resp: 224

Ion Ratio Lower Upper

165 100

89 0.0 52.2 78.4#

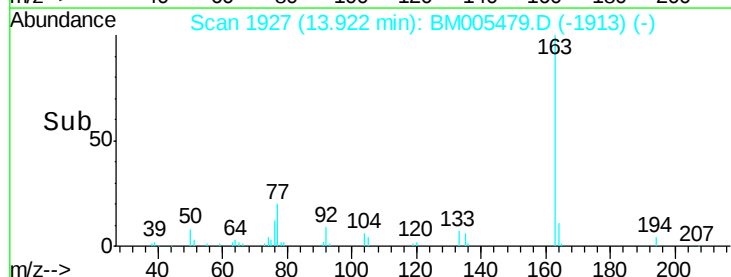
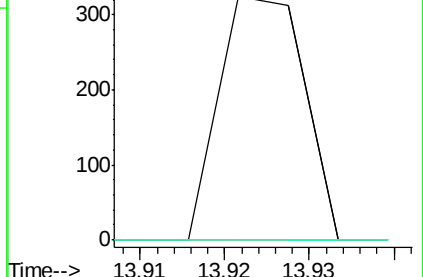
121 0.0 21.0 31.4#

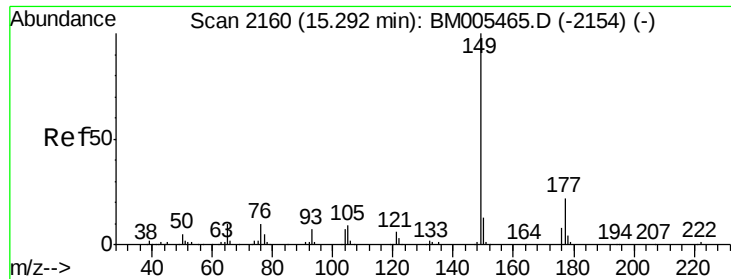


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

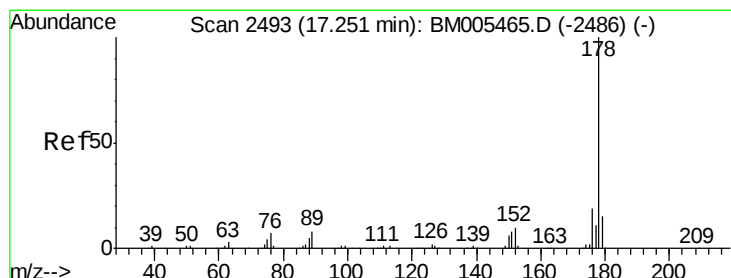
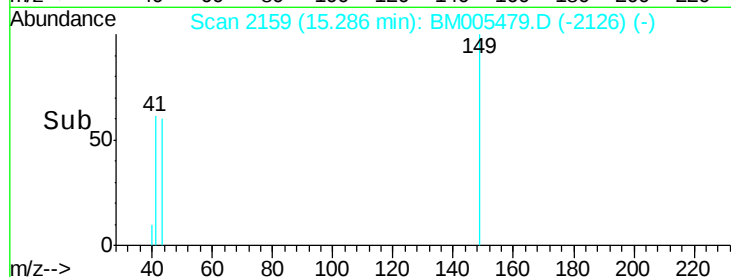
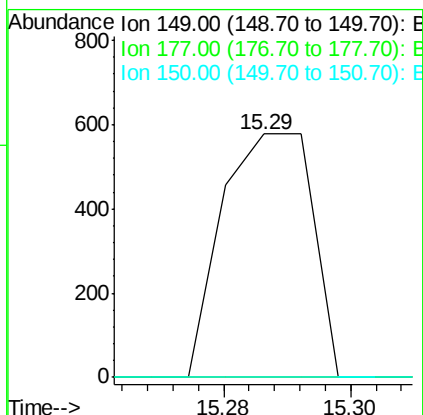
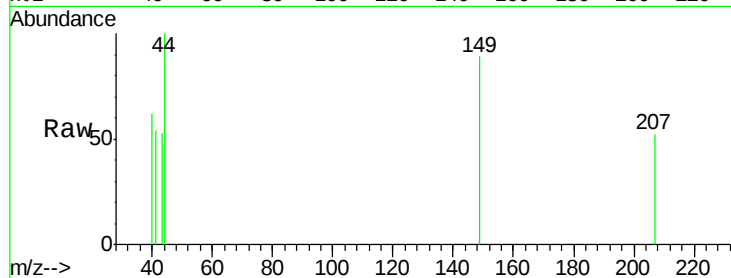




#56
Diethylphthalate
Concen: 0.05 ng/ul
RT: 15.29 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM005479.D
Acq: 18 May 2016 20:56

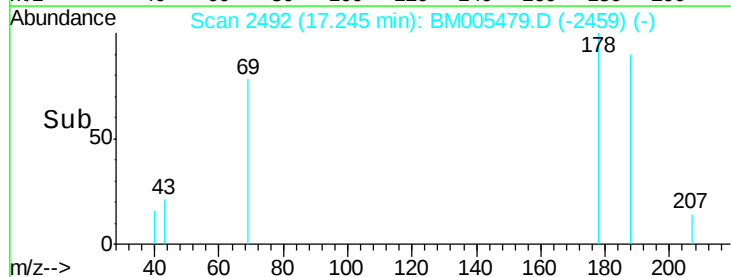
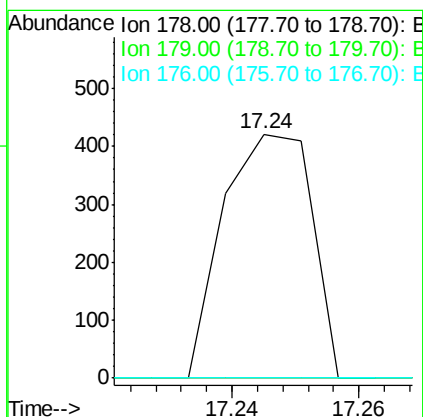
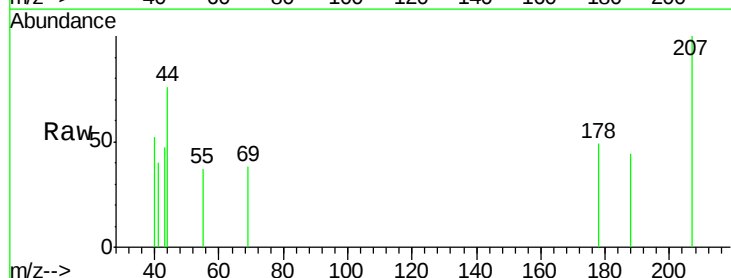
Instrument :
BNA_M
ClientSampleId :
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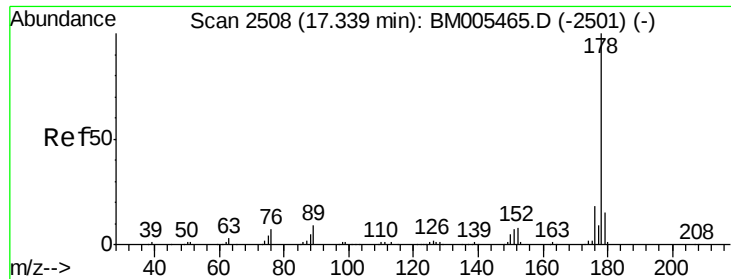
Tgt Ion:149 Resp: 569
Ion Ratio Lower Upper
149 100
177 0.0 17.6 26.4#
150 0.0 9.8 14.8#



#69
Phenanthrene
Concen: 0.02 ng/ul
RT: 17.24 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BM005479.D
Acq: 18 May 2016 20:56

Tgt Ion:178 Resp: 406
Ion Ratio Lower Upper
178 100
179 0.0 12.3 18.5#
176 0.0 15.2 22.8#





#71

Anthracene

Concen: 0.02 ng/ul

RT: 17.24 min Scan# 2492

Delta R.T. -0.09 min

Lab File: BM005479.D

Acq: 18 May 2016 20:56

Instrument :

BNA_M

ClientSampleId :

D9WS7

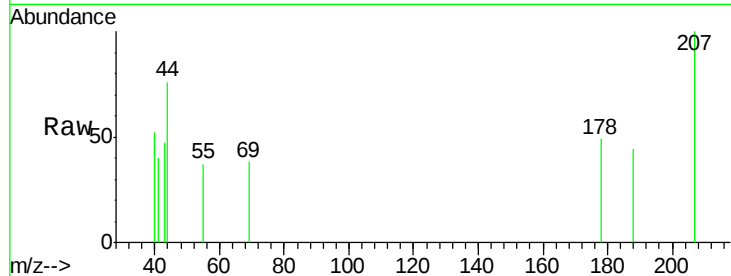
Tgt Ion:178 Resp: 406

Ion Ratio Lower Upper

178 100

179 0.0 12.4 18.6#

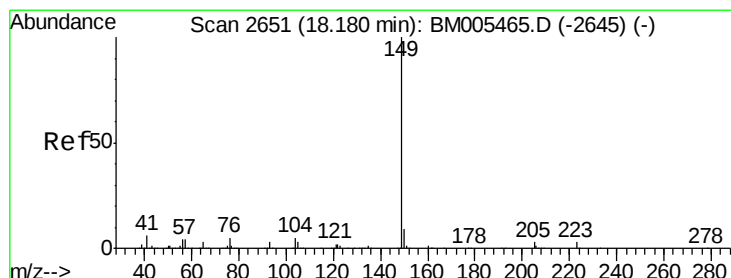
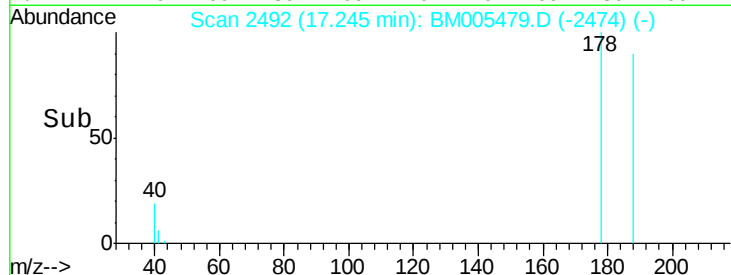
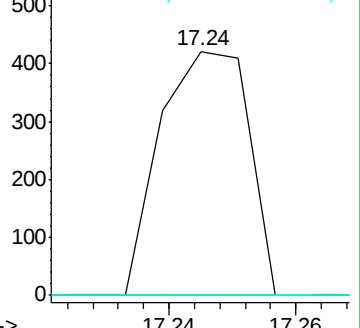
176 0.0 15.1 22.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

Di-n-butylphthalate

Concen: 0.05 ng/ul

RT: 18.17 min Scan# 2650

Delta R.T. -0.01 min

Lab File: BM005479.D

Acq: 18 May 2016 20:56

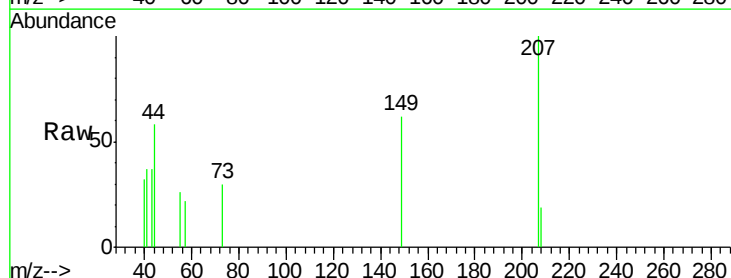
Tgt Ion:149 Resp: 1122

Ion Ratio Lower Upper

149 100

150 0.0 7.3 10.9#

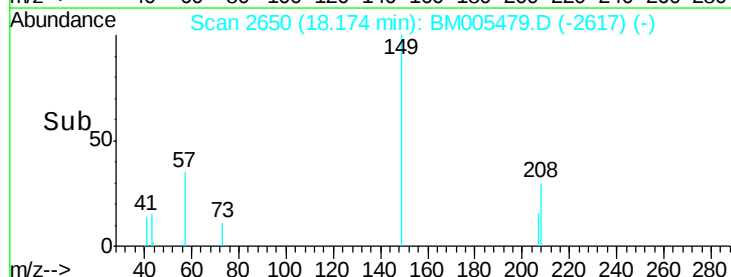
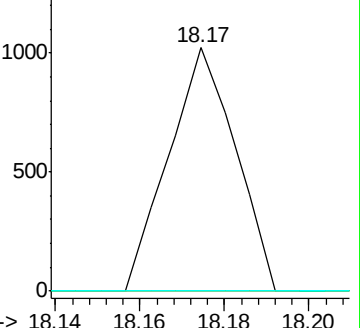
104 0.0 4.1 6.1#

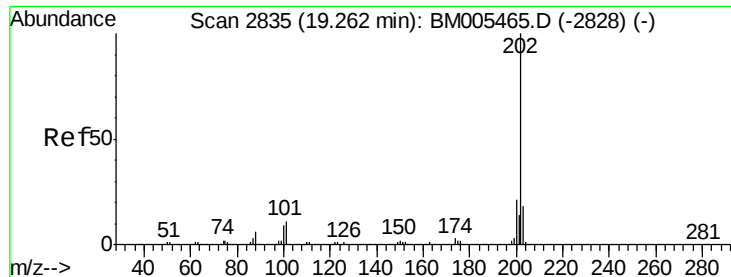


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.04 ng/ul

RT: 19.26 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM005479.D

Acq: 18 May 2016 20:56

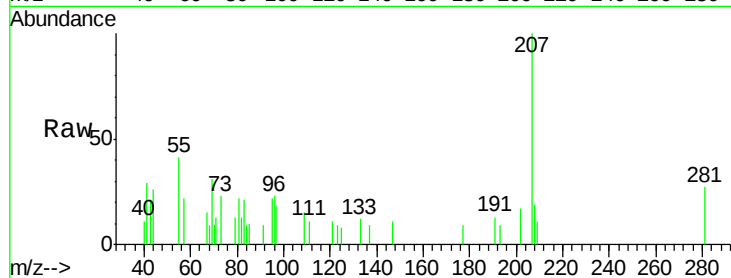
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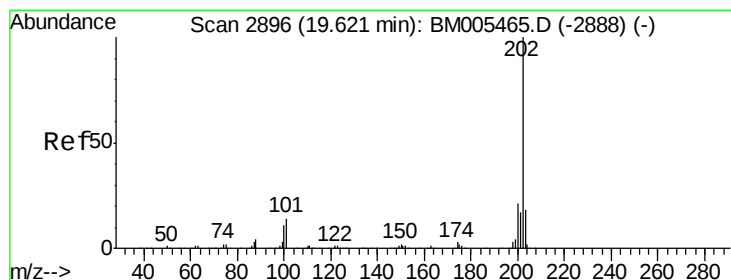
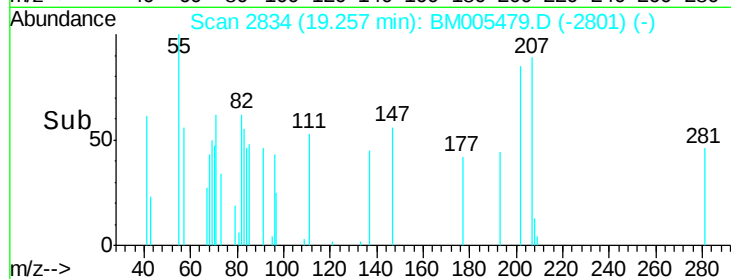
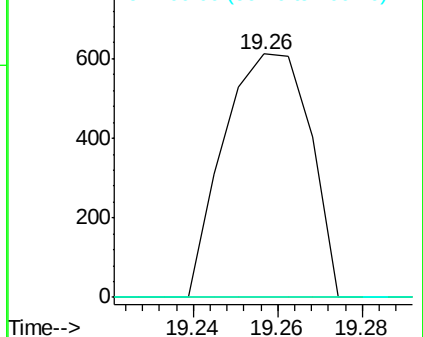
Tgt Ion:	202	Resp:	867
Ion Ratio	Lower	Upper	
202	100		
101	0.0	9.2	13.8#
100	0.0	7.1	10.7#



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): B



#77

Pyrene

Concen: 0.04 ng/ul

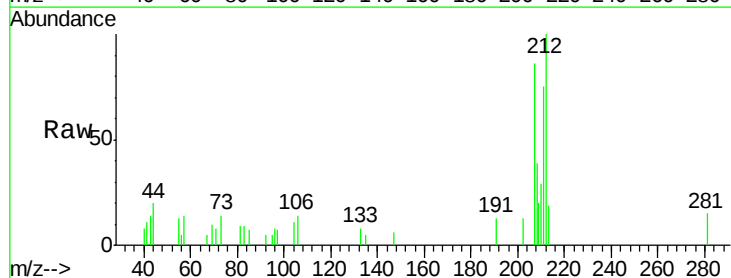
RT: 19.62 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BM005479.D

Acq: 18 May 2016 20:56

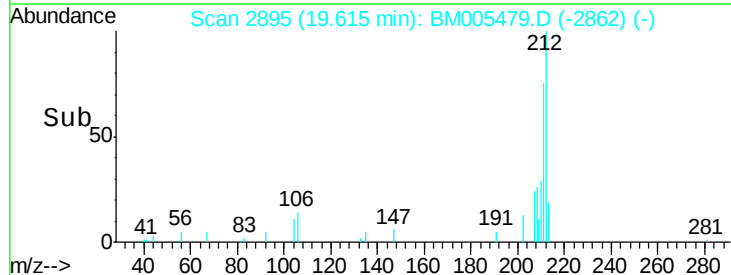
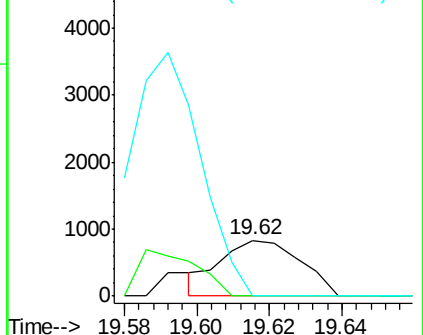
Tgt Ion:	202	Resp:	1284
Ion Ratio	Lower	Upper	
202	100		
101	0.0	10.8	16.2#
100	0.0	8.4	12.6#

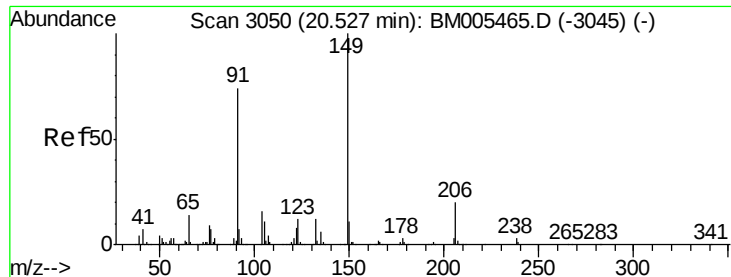


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

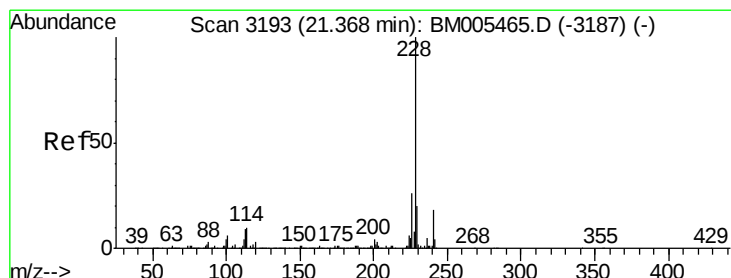
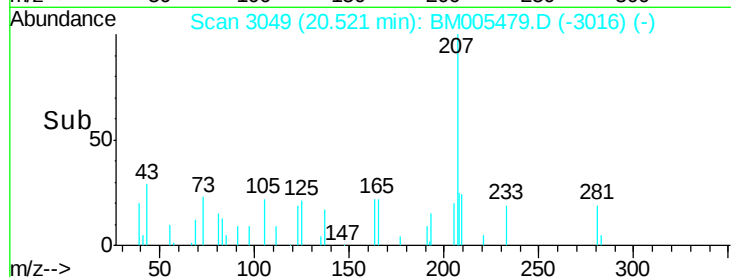
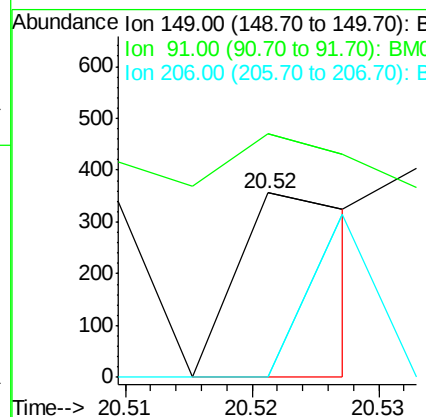
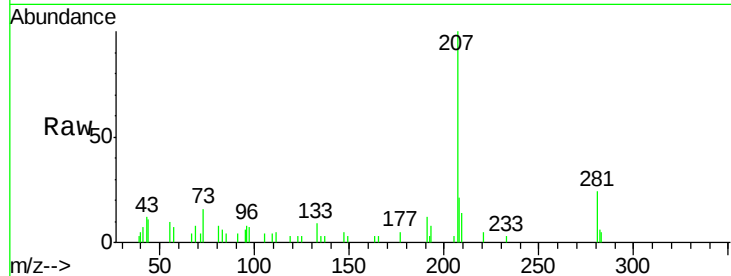




#78
 Butylbenzylphthalate
 Concen: 0.02 ng/ul
 RT: 20.52 min Scan# 3049
 Delta R.T. -0.01 min
 Lab File: BM005479.D
 Acq: 18 May 2016 20:56

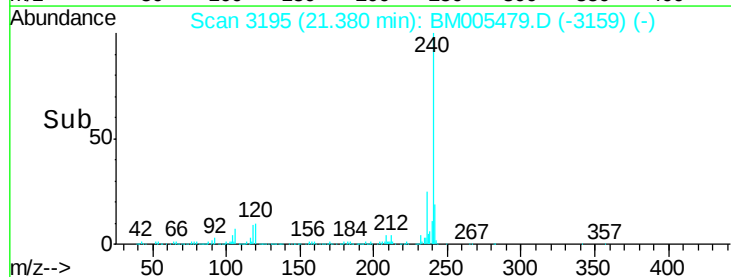
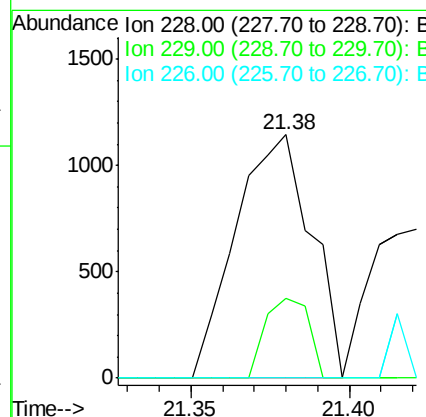
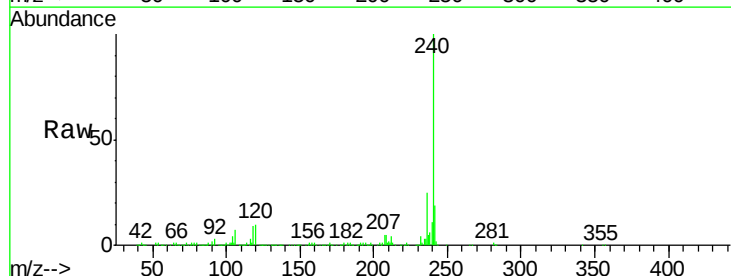
Instrument :
 BNA_M
 ClientSampleId :
 D9WS7

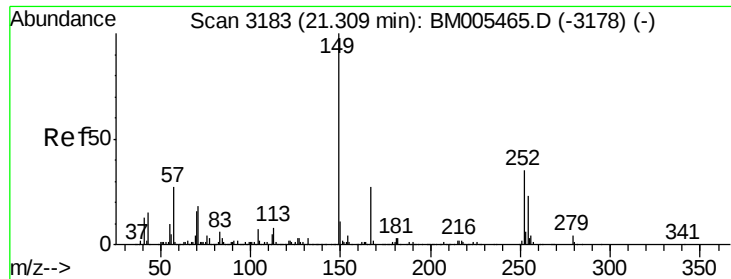
Tgt Ion:149 Resp: 240
 Ion Ratio Lower Upper
 149 100
 91 132.0 58.4 87.6#
 206 0.0 17.3 25.9#



#80
 Benzo(a)anthracene
 Concen: 0.06 ng/ul
 RT: 21.38 min Scan# 3195
 Delta R.T. 0.01 min
 Lab File: BM005479.D
 Acq: 18 May 2016 20:56

Tgt Ion:228 Resp: 1893
 Ion Ratio Lower Upper
 228 100
 229 32.8 15.5 23.3#
 226 0.0 21.8 32.8#

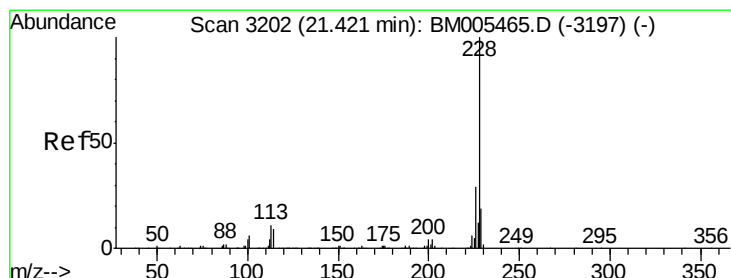
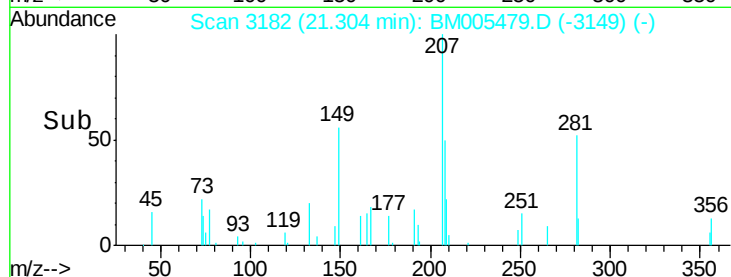
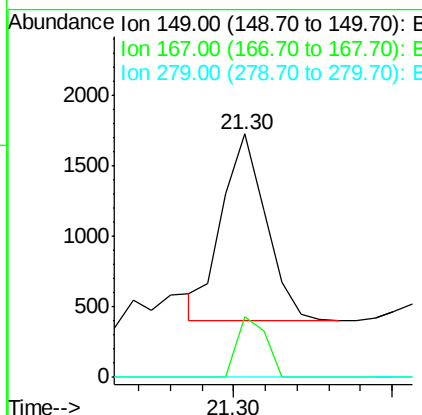
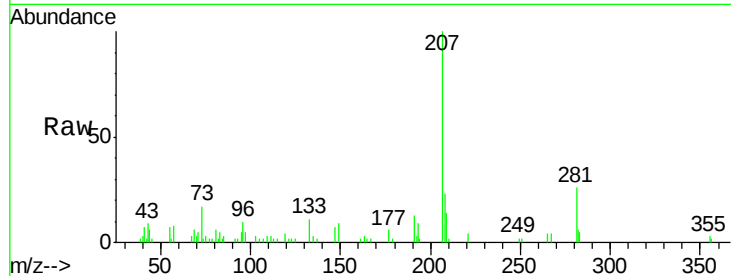




#81
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BM005479.D
Acq: 18 May 2016 20:56

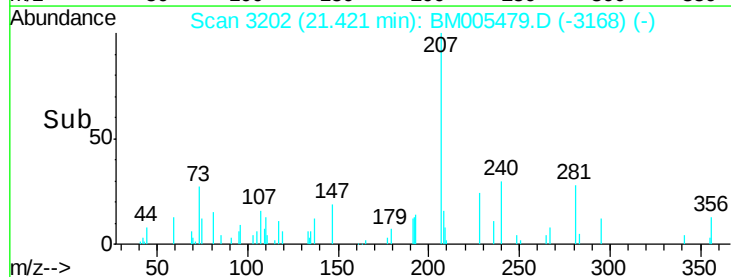
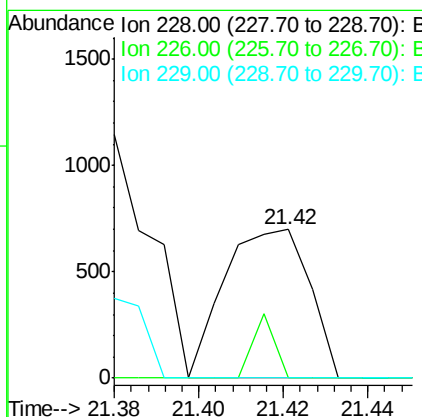
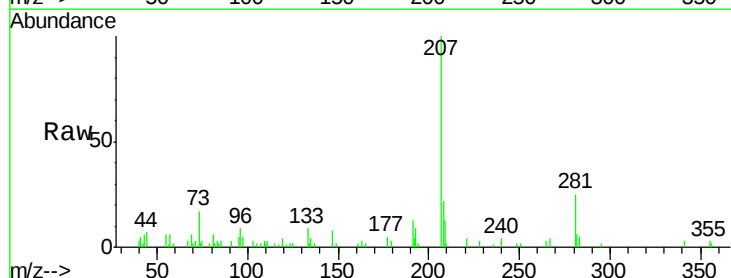
Instrument :
BNA_M
ClientSampleId :
D9WS7

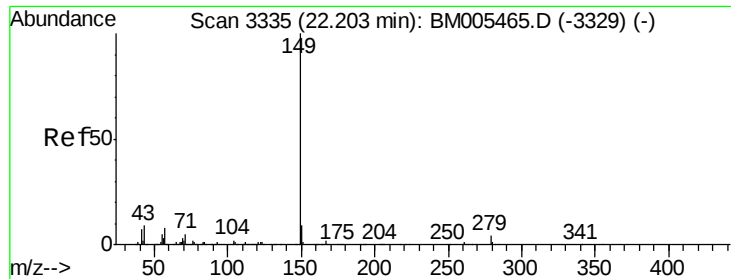
Tgt Ion:149 Resp: 1267
Ion Ratio Lower Upper
149 100
167 25.0 21.9 32.9
279 0.0 3.0 4.4#



#82
Chrysene
Concen: 0.03 ng/ul
RT: 21.42 min Scan# 3202
Delta R.T. 0.00 min
Lab File: BM005479.D
Acq: 18 May 2016 20:56

Tgt Ion:228 Resp: 978
Ion Ratio Lower Upper
228 100
226 0.0 23.6 35.4#
229 0.0 15.4 23.0#

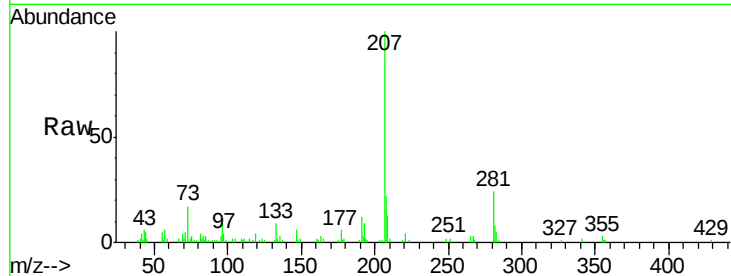




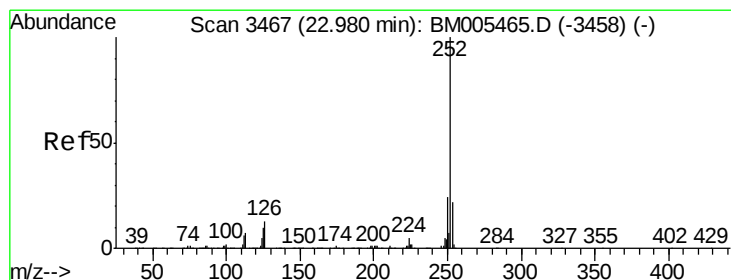
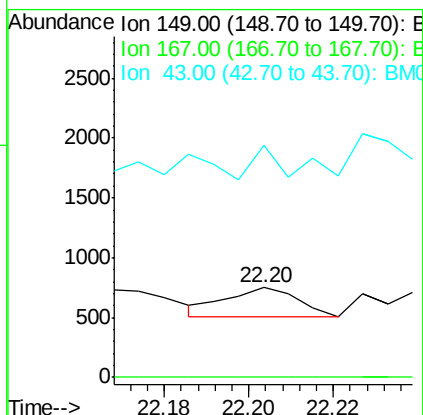
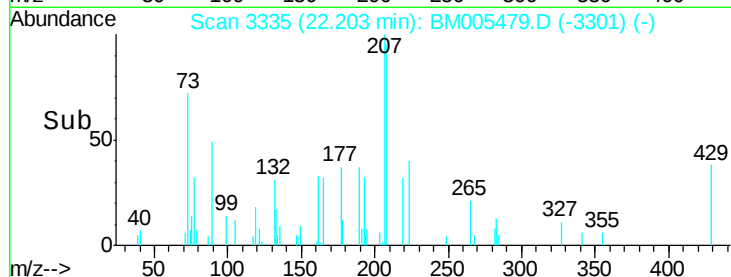
#84
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.20 min Scan# 3335
Delta R.T. 0.00 min
Lab File: BM005479.D
Acq: 18 May 2016 20:56

Instrument :
BNA_M
ClientSampleId :
D9WS7

Tgt Ion:149 Resp: 283
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 258.5 7.4 11.0#

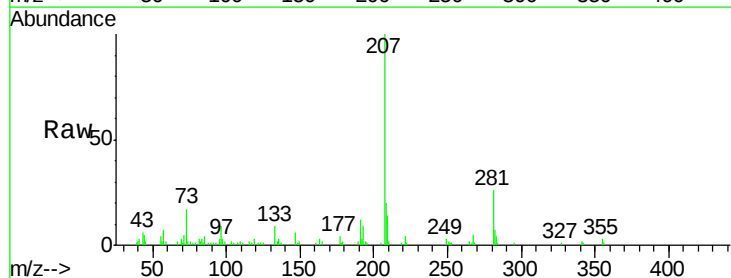


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

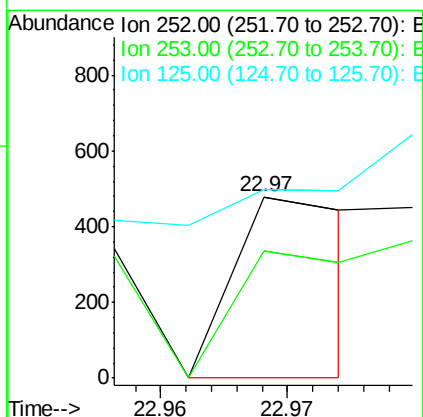
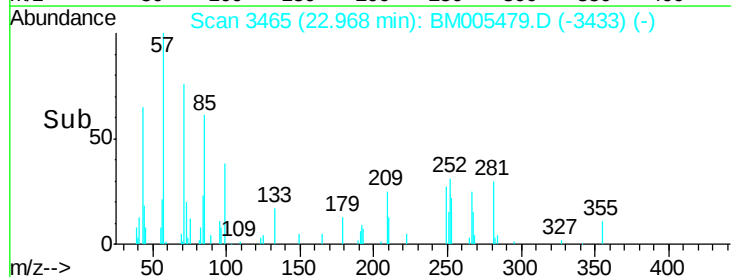


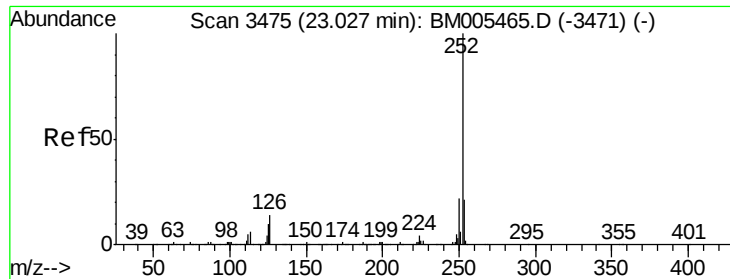
#85
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 22.97 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM005479.D
Acq: 18 May 2016 20:56

Tgt Ion:252 Resp: 325
Ion Ratio Lower Upper
252 100
253 70.1 17.4 26.2#
125 104.4 8.4 12.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 23.02 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BM005479.D

Acq: 18 May 2016 20:56

Instrument :

BNA_M

ClientSampleId :

D9WS7

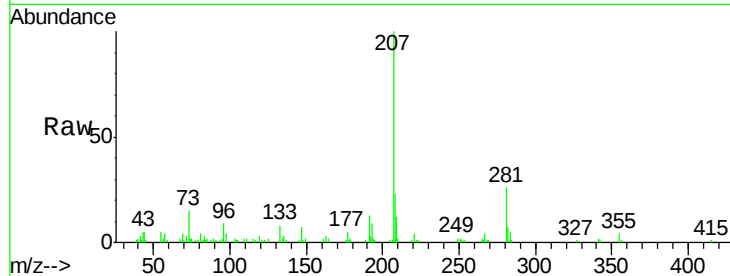
Tgt Ion: 252 Resp: 405

Ion Ratio Lower Upper

252 100

253 76.4 17.3 25.9#

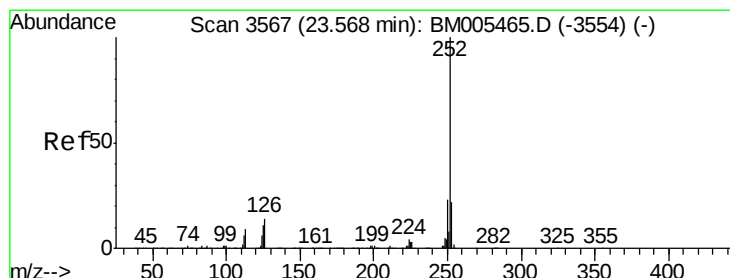
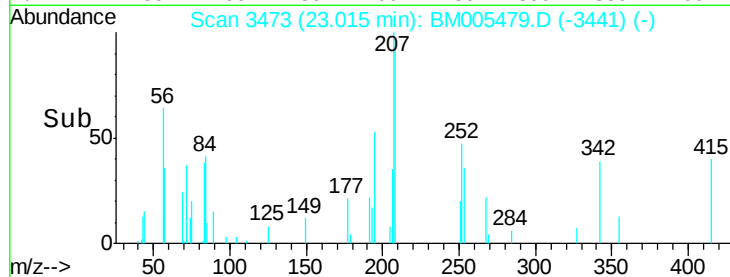
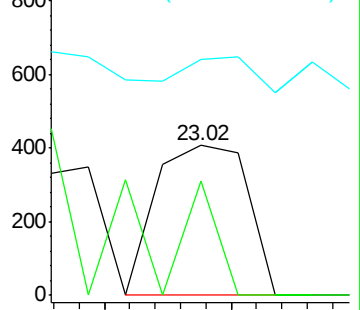
125 157.5 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.56 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BM005479.D

Acq: 18 May 2016 20:56

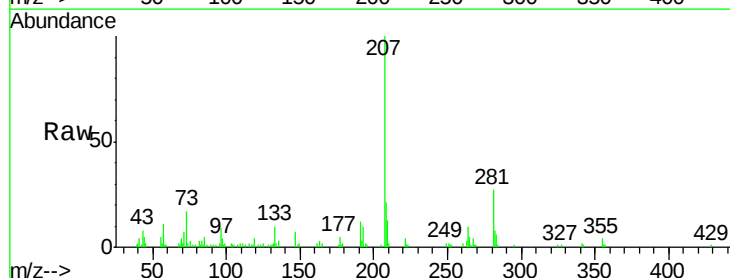
Tgt Ion: 252 Resp: 128

Ion Ratio Lower Upper

252 100

253 100.8 17.5 26.3#

125 163.5 8.7 13.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

