

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043115.D
 Acq On : 9 Oct 2019 22:52
 Operator : JU
 Sample : K5175-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEPF9

Manual Integrations
 APPROVED

mohammad
 10/12/2019 7:31:23 AM

Quant Time: Oct 10 00:48:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 15:33:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	60263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	238819	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	173322	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	421293	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	480024	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	580162	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	7211	5.79	ng/uL	0.00
5) Phenol-d5	7.22	99	132492	29.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	80932	32.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	114256	32.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	97998	25.51	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	59701	35.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	70560	36.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	120962	30.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	140053	33.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	489935	35.16	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	531486	35.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	48863m	26.44	ng/ul	0.00
57) Fluorene-d10	15.67	176	419443	35.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	78128	28.91	ng/ul	0.00
70) Anthracene-d10	17.52	188	670465	33.69	ng/ul	0.00
78) Pyrene-d10	19.80	212	886970	37.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	1037105	36.17	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.25	94	14167	3.115	ng/ul 91
44) Dimethylphthalate	14.13	163	120402	8.946	ng/ul 100
69) Phenanthrene	17.46	178	47384	2.179	ng/ul 97
76) Fluoranthene	19.47	202	138422	4.989	ng/ul 98
79) Pyrene	19.83	202	151293	5.125	ng/ul 98
82) Benzo(a)anthracene	21.67	228	98144	3.056	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.58	149	23822	1.494	ng/ul 98
84) Chrysene	21.73	228	96757	3.201	ng/ul 98
87) Benzo(b)fluoranthene	23.89	252	110317	3.195	ng/ul# 92
88) Benzo(k)fluoranthene	23.94	252	35571m	1.054	ng/ul
90) Benzo(a)pyrene	24.75	252	89635	2.712	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	28.56	276	55244m	1.379	ng/ul
93) Benzo(g,h,i)perylene	29.68	276	47552m	1.400	ng/ul

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

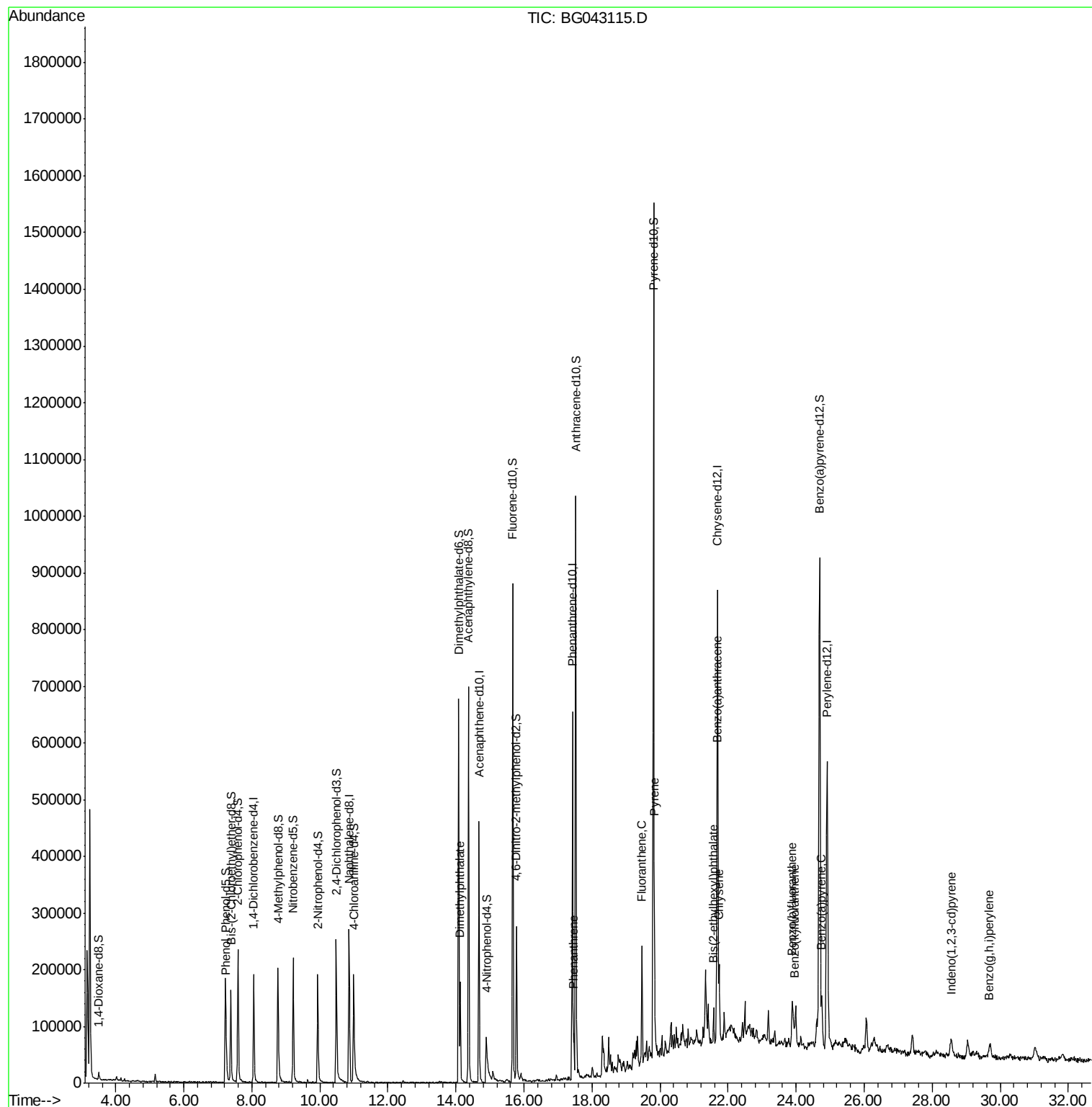
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043115.D
Acq On : 9 Oct 2019 22:52
Operator : JU
Sample : K5175-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

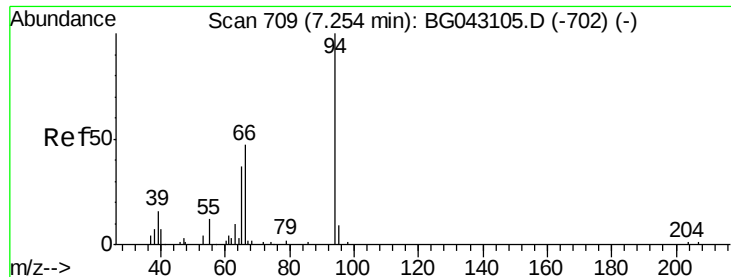
Instrument :
BNA_G
ClientSampleId :
BEPF9

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Quant Time: Oct 10 00:48:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.115 ng/ul

RT: 7.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG043115.D

Acq: 9 Oct 2019 22:52

Instrument :

BNA_G

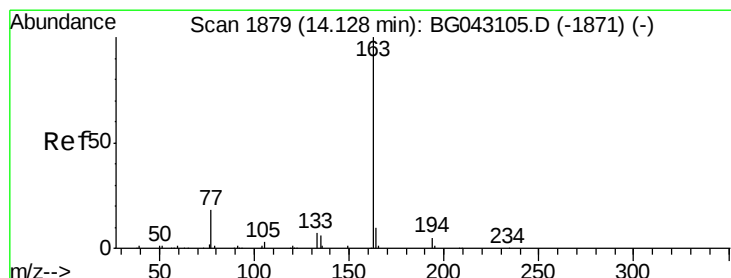
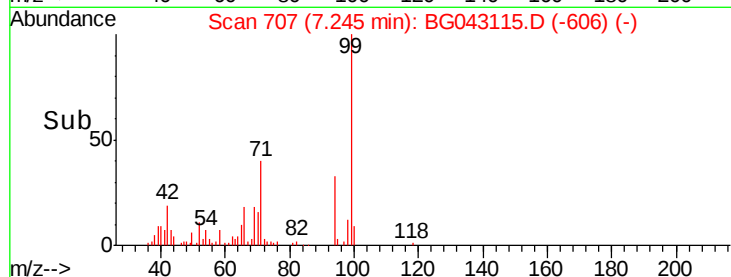
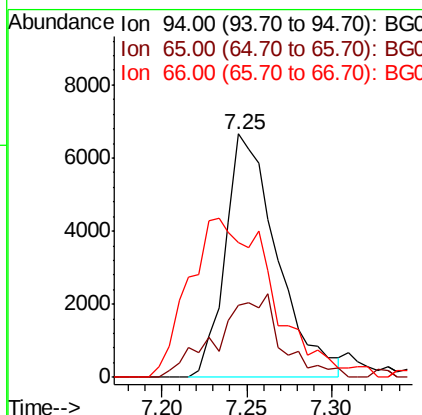
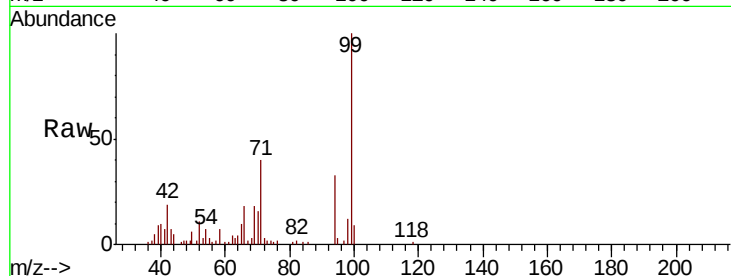
ClientSampleId :

BEPF9

Tot Ion:	94	Resp:	14167
Ion	Ratio	Lower	Upper
94	100		
65	29.8	27.2	40.8
66	55.2	38.7	58.1

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#44

Dimethylphthalate

Concen: 8.946 ng/ul

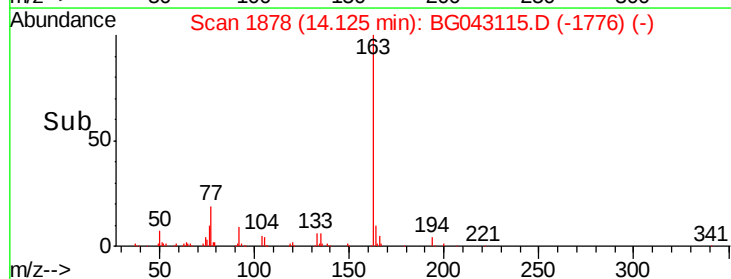
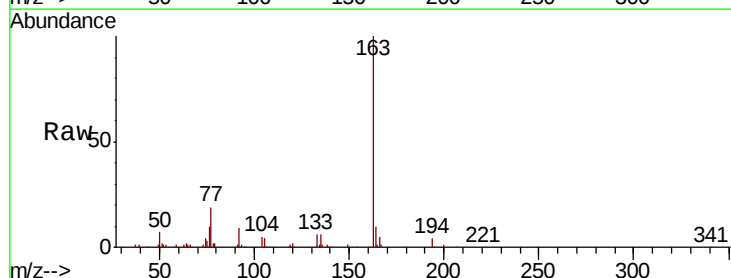
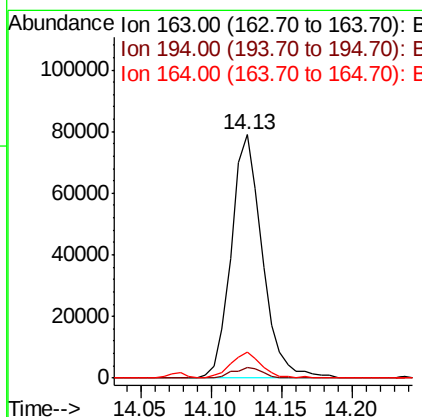
RT: 14.13 min Scan# 1878

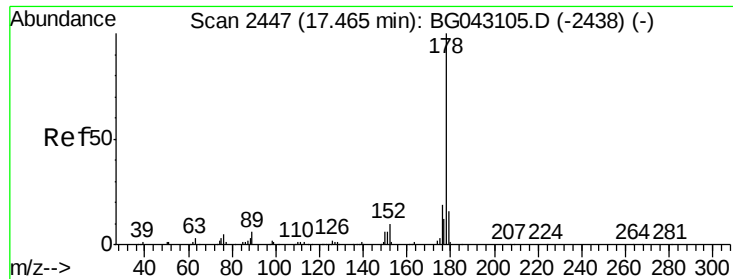
Delta R.T. 0.00 min

Lab File: BG043115.D

Acq: 9 Oct 2019 22:52

Tgt Ion:	163	Resp:	120402
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.5	8.6	12.8





#69

Phenanthrene

Concen: 2.179 ng/ul

RT: 17.46 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BG043115.D

Acq: 9 Oct 2019 22:52

Instrument :

BNA_G

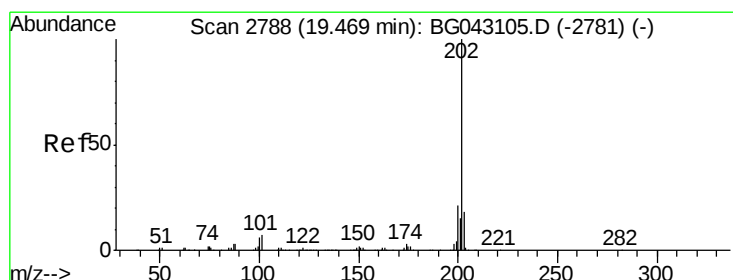
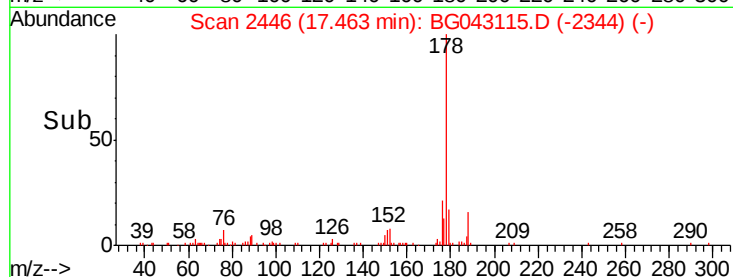
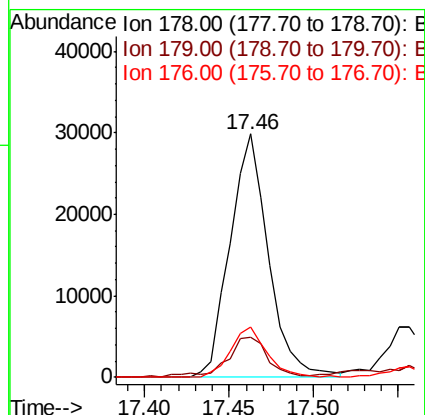
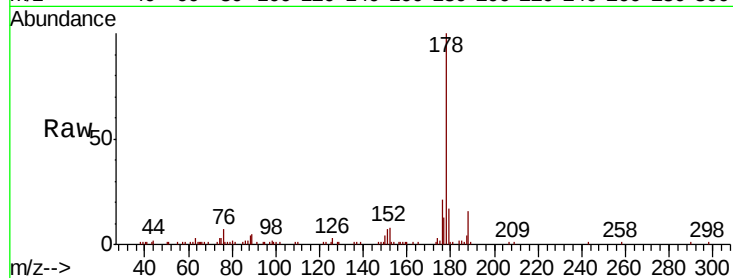
ClientSampleId :

BEPF9

Tot Ion:	178	Resp:	47384
Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.4
176	20.8	15.2	22.8

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#76

Fluoranthene

Concen: 4.989 ng/ul

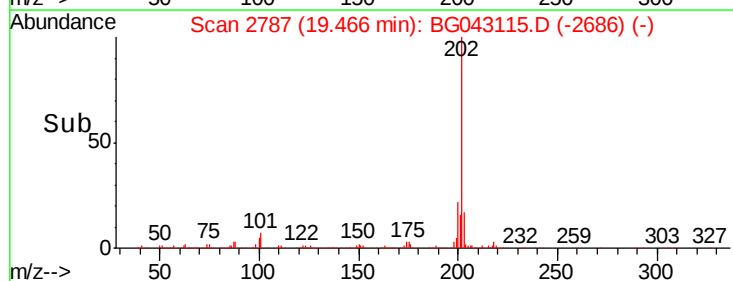
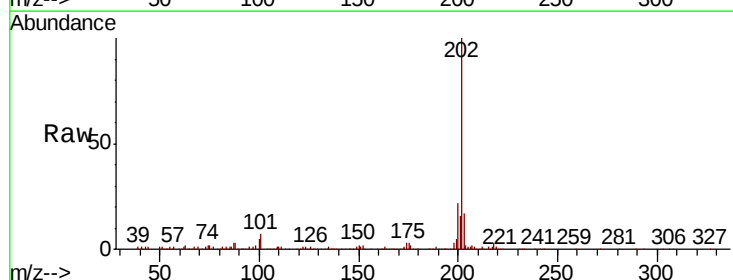
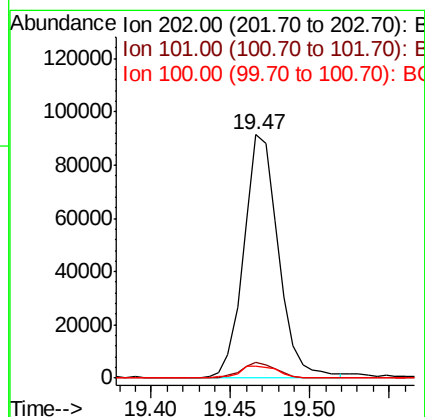
RT: 19.47 min Scan# 2787

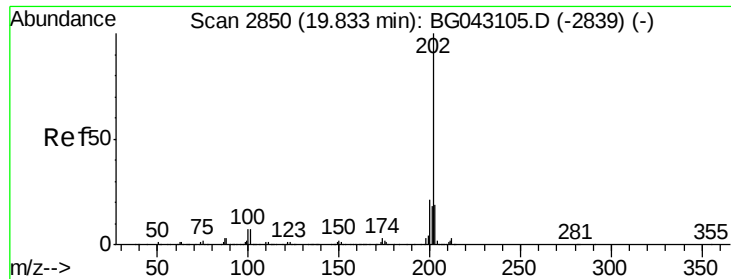
Delta R.T. -0.01 min

Lab File: BG043115.D

Acq: 9 Oct 2019 22:52

Tgt Ion:	202	Resp:	138422
Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.0	7.6
100	4.9	4.6	7.0





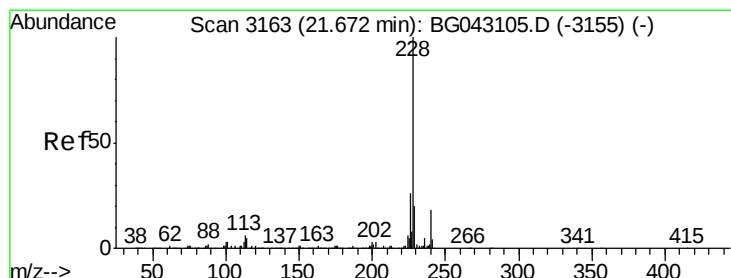
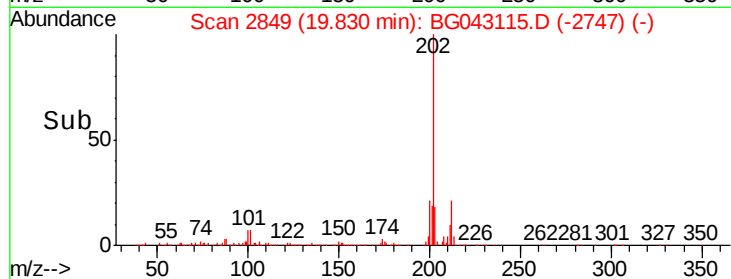
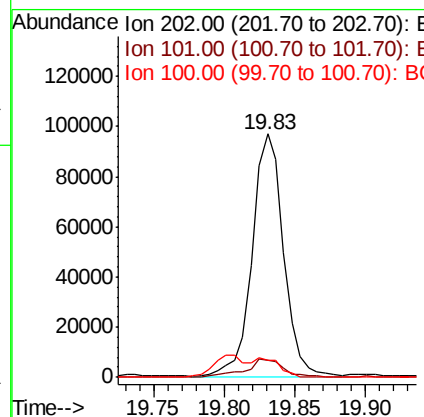
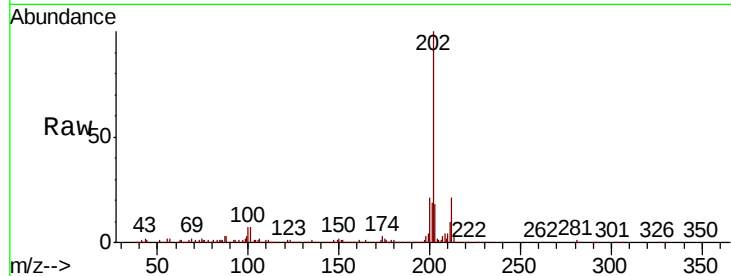
#79
Pvrene
Concen: 5.125 ng/ul
RT: 19.83 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG043115.D
Acq: 9 Oct 2019 22:52

Instrument :
BNA_G
ClientSampleId :
BEPF9

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.9	6.2	9.4
100	7.3	5.4	8.2

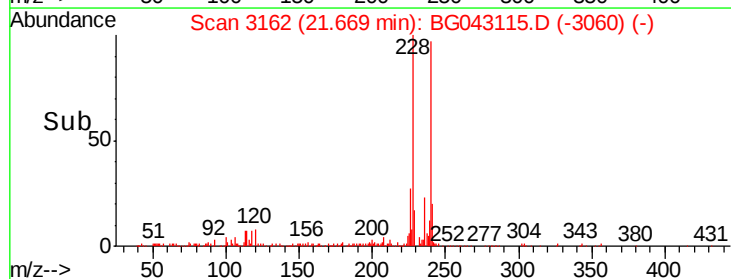
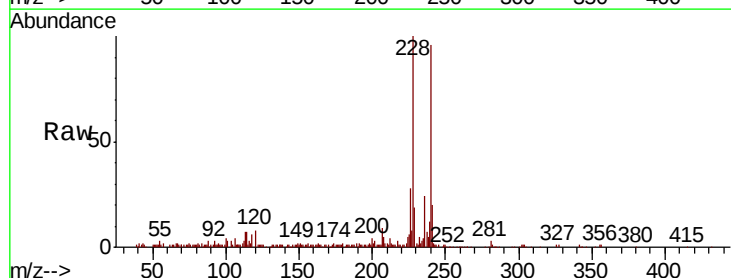
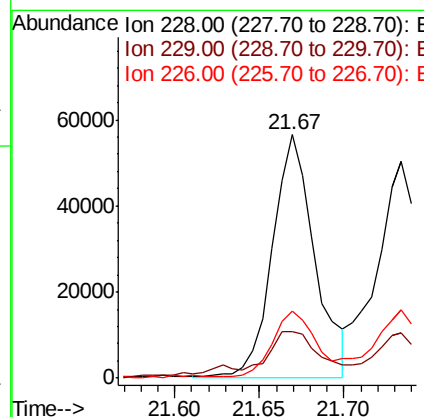
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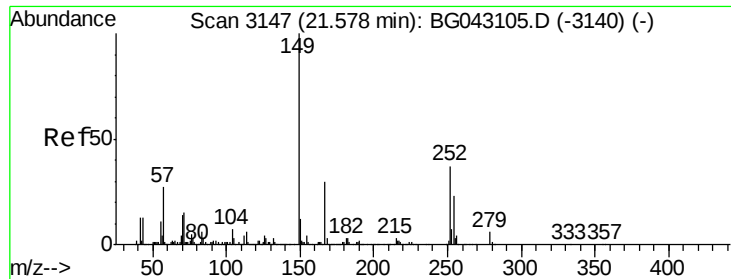
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#82
Benzo(a)anthracene
Concen: 3.056 ng/ul
RT: 21.67 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BG043115.D
Acq: 9 Oct 2019 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.1	16.2	24.2
226	27.7	21.0	31.4





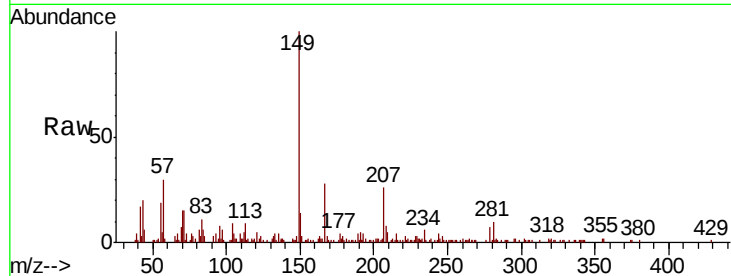
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.494 ng/ul
 RT: 21.58 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: BG043115.D
 Acq: 9 Oct 2019 22:52

Instrument :
 BNA_G
 ClientSampleId :
 BEPF9

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.2	34.8
279	6.8	4.7	7.1

Manual Integrations
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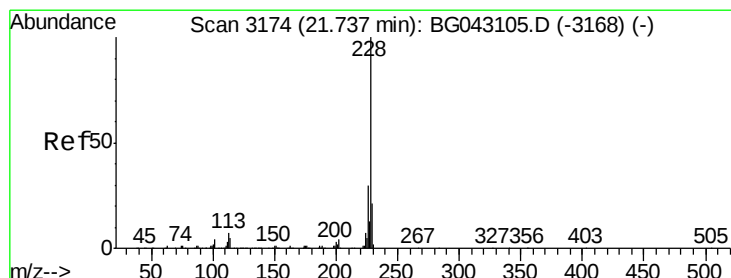
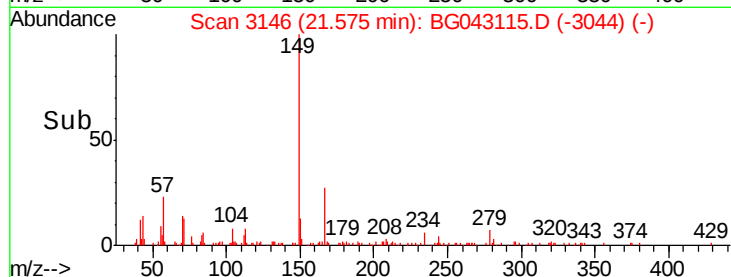
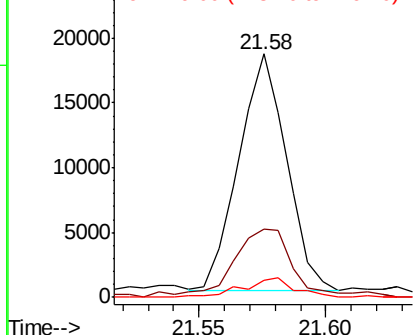


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Chrysene
 Concen: 3.201 ng/ul
 RT: 21.73 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: BG043115.D
 Acq: 9 Oct 2019 22:52

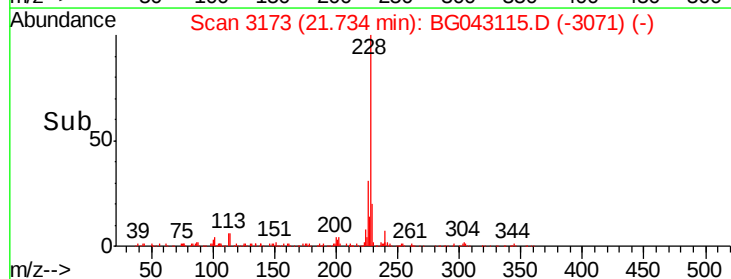
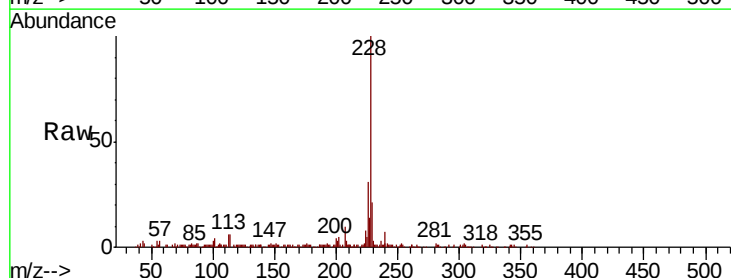
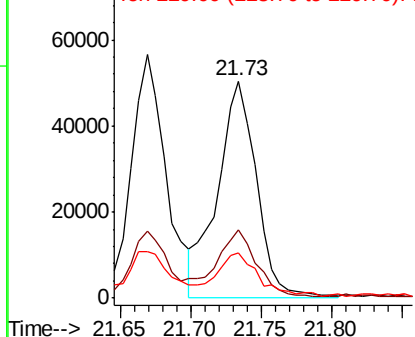
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.2	36.2
229	21.1	16.6	25.0

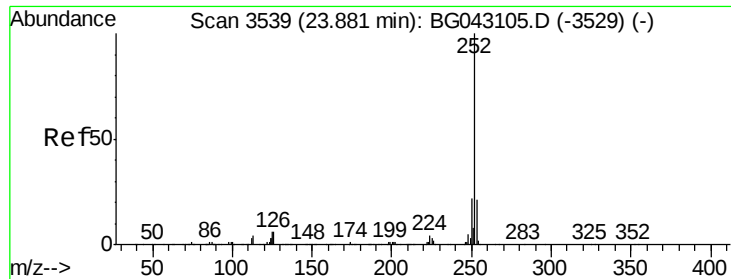
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





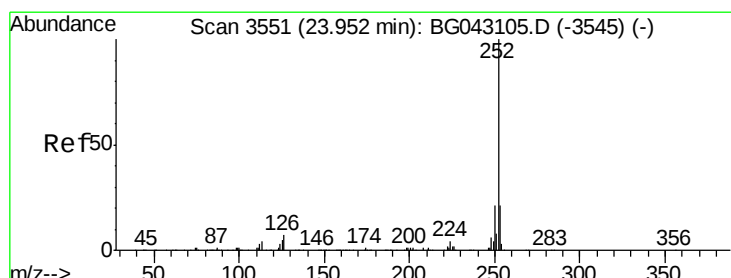
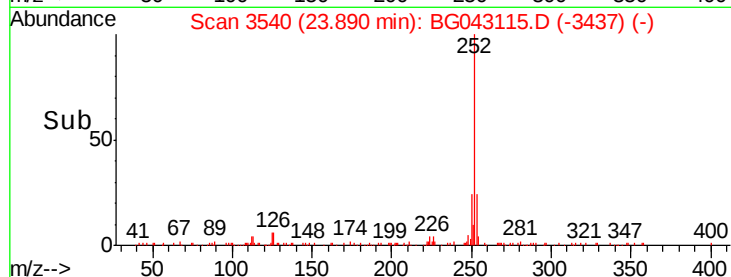
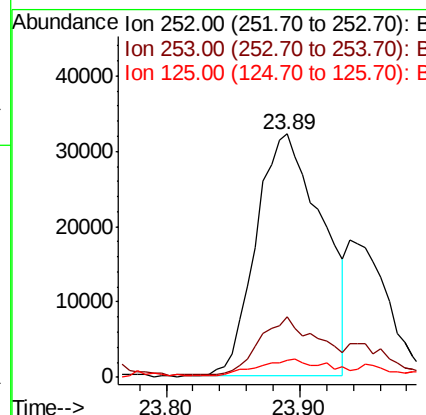
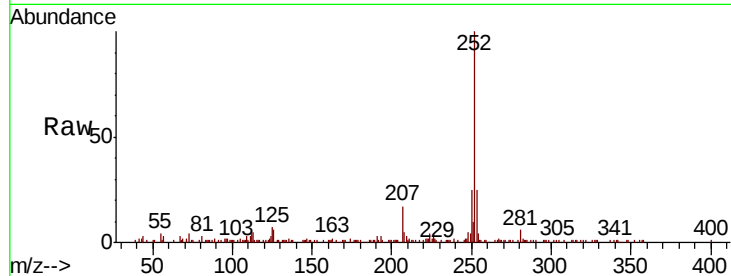
#87
Benzo(b)fluoranthene
Concen: 3.195 ng/uL
RT: 23.89 min Scan# 3540
Delta R.T. 0.01 min
Lab File: BG043115.D
Acq: 9 Oct 2019 22:52

Instrument :
BNA_G
ClientSampleId :
BEPF9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	16.4	24.6#
125	6.8	4.6	7.0

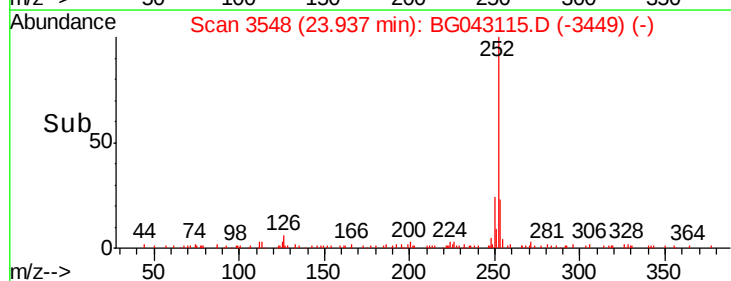
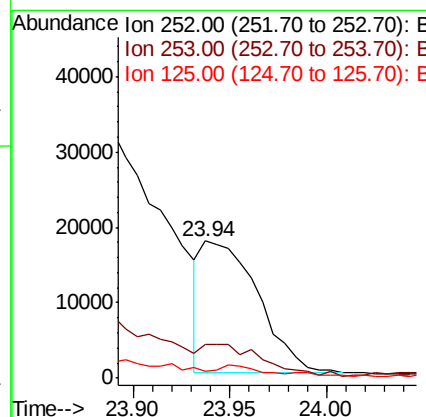
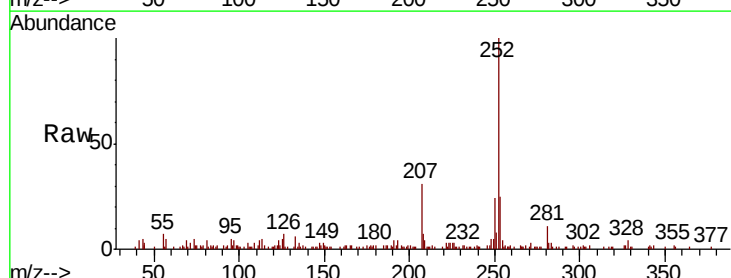
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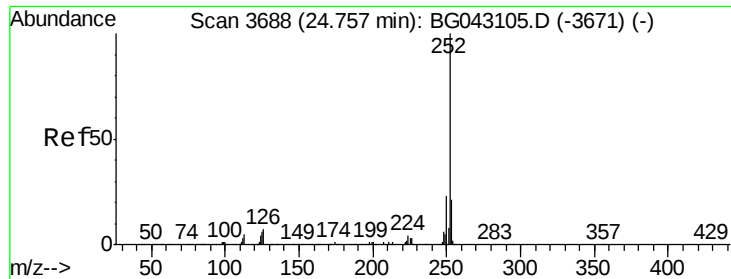
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#88
Benzo(k)fluoranthene
Concen: 1.054 ng/uL m
RT: 23.94 min Scan# 3548
Delta R.T. -0.02 min
Lab File: BG043115.D
Acq: 9 Oct 2019 22:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.4	27.6
125	5.1	4.4	6.6





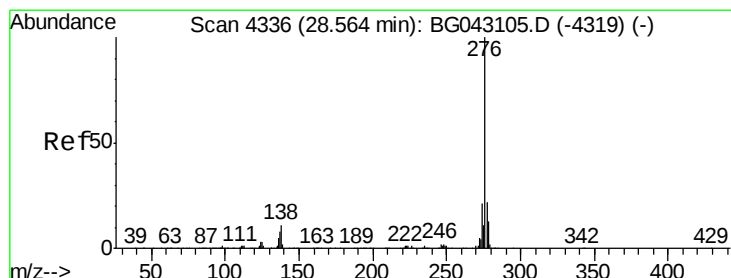
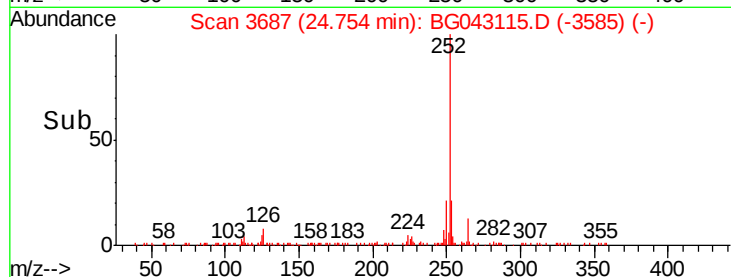
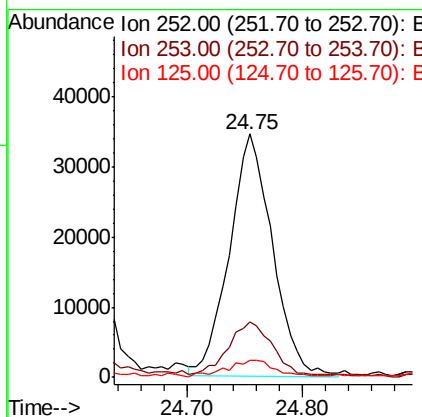
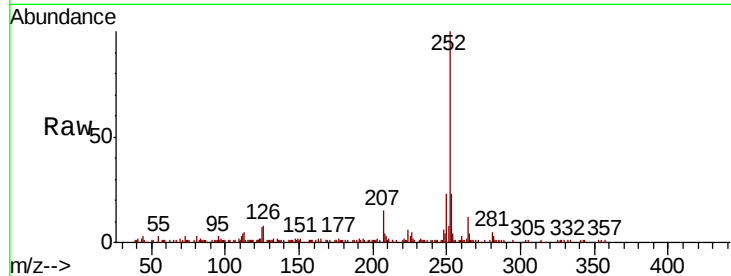
#90
Benzo(a)pyrene
Concen: 2.712 ng/ul
RT: 24.75 min Scan# 3687
Delta R.T. 0.00 min
Lab File: BG043115.D
Acq: 9 Oct 2019 22:52

Instrument :
BNA_G
ClientSampleId :
BEPF9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.9	28.3
125	7.0	5.3	7.9

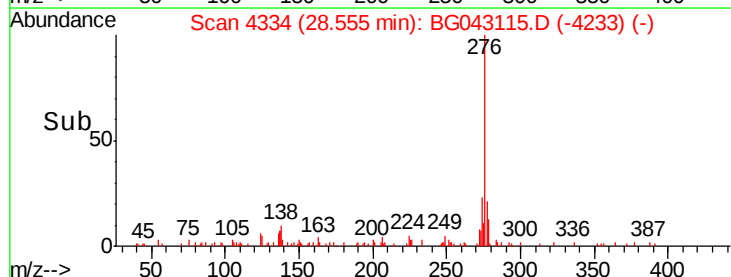
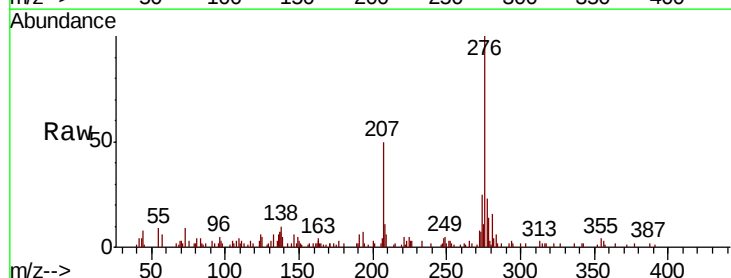
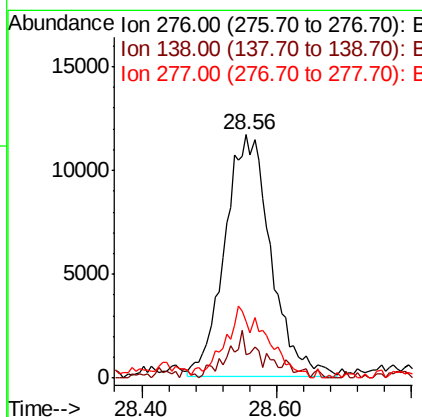
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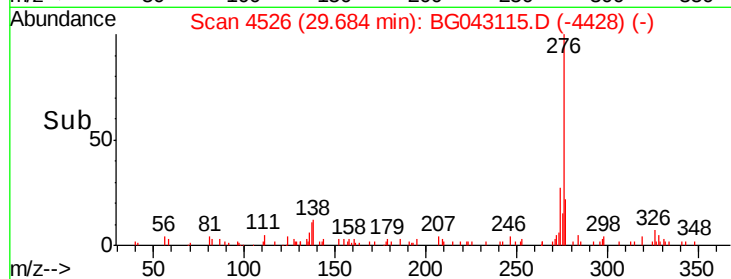
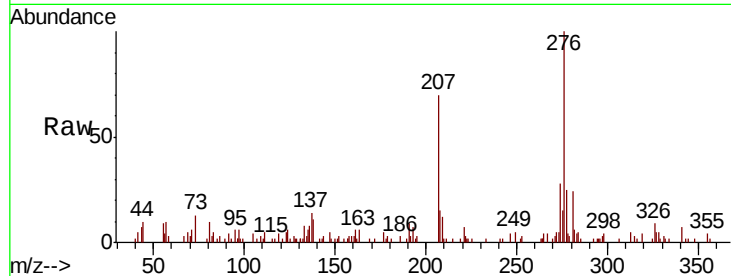
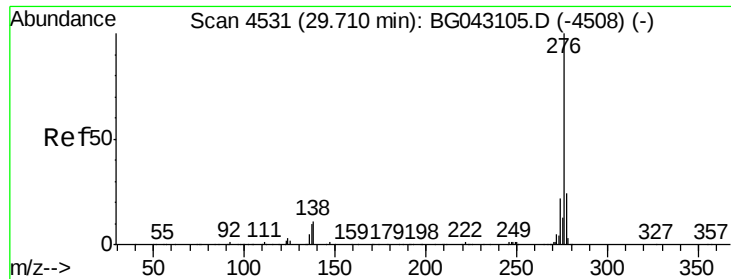
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.379 ng/ul m
RT: 28.56 min Scan# 4334
Delta R.T. -0.01 min
Lab File: BG043115.D
Acq: 9 Oct 2019 22:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.8	9.2	13.8
277	23.4	19.0	28.6





#93

Benzo(a,h,i)perylene

Concen: 1.400 ng/ul m

RT: 29.68 min Scan# 4526

Delta R.T. -0.02 min

Lab File: BG043115.D

Acq: 9 Oct 2019 22:52

Instrument :

BNA_G

ClientSampleId :

BEPF9

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.3	8.7	13.1
277	25.2	19.1	28.7

Manual Integrations
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