

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000181.D
 Acq On : 10 Sep 2019 21:51
 Operator : HP/JU
 Sample : K4634-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D31

Manual Integrations
 APPROVED

mohammad
 9/12/2019 9:29:32 AM

Quant Time: Sep 11 03:51:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	466879	20.00	ng/ul	0.00
18) Naphthalene-d8	8.17	136	1807218	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	930435	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1576406	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1002408	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1056535	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.61	96	36209	2.75	ng/uL	0.00
5) Phenol-d5	6.51	99	689294	17.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	361958	17.41	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	562731	17.50	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	530282	17.75	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	268112	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	296921	22.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	509726	17.98	ng/ul	0.00
29) 4-Chloroaniline-d4	8.25	131	370861	10.58	ng/ul	0.01
44) Dimethylphthalate-d6	9.63	166	1432681	20.85	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1681329	19.80	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	176983	14.42	ng/ul	0.00
58) Fluorene-d10	10.47	176	1156262	19.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	105081	14.50	ng/ul	0.00
71) Anthracene-d10	11.50	188	1524286	19.97	ng/ul	0.00
79) Pyrene-d10	12.90	212	1413580	23.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.60	264	1181698	21.58	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	6.52	94	143486	3.462	ng/ul 99
45) Dimethylphthalate	9.65	163	391094	5.641	ng/ul 100
50) Acenaphthene	9.97	153	146567	2.385	ng/ul 98
54) Dibenzofuran	10.15	168	101756	1.207	ng/ul 94
70) Phenanthrene	11.47	178	2516056	26.989	ng/ul 98
72) Anthracene	11.52	178	467034	5.091	ng/ul 98
75) Carbazole	11.67	167	449456	5.731	ng/ul 100
77) Fluoranthene	12.69	202	4031584	42.877	ng/ul 99
80) Pyrene	12.92	202	3228797	42.693	ng/ul# 92
83) Benzo(a)anthracene	14.13	228	1812175	24.974	ng/ul 96
84) Bis(2-ethylhexyl)phthalate	14.16	149	369502	8.966	ng/ul 92
85) Chrysene	14.17	228	1850136	27.786	ng/ul 98
87) Di-n-octyl phthalate	14.80	149	183910	2.711	ng/ul 100
88) Benzo(b)fluoranthene	15.25	252	3003543m	42.893	ng/ul
89) Benzo(k)fluoranthene	15.27	252	551944m	8.362	ng/ul
91) Benzo(a)pyrene	15.63	252	1512783	23.026	ng/ul 95
92) Indeno(1,2,3-cd)pyrene	17.27	276	1382648	18.293	ng/ul 98
93) Dibenzo(a,h)anthracene	17.28	278	378370	6.044	ng/ul 98
94) Benzo(g,h,i)perylene	17.74	276	1365190	21.663	ng/ul 99

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

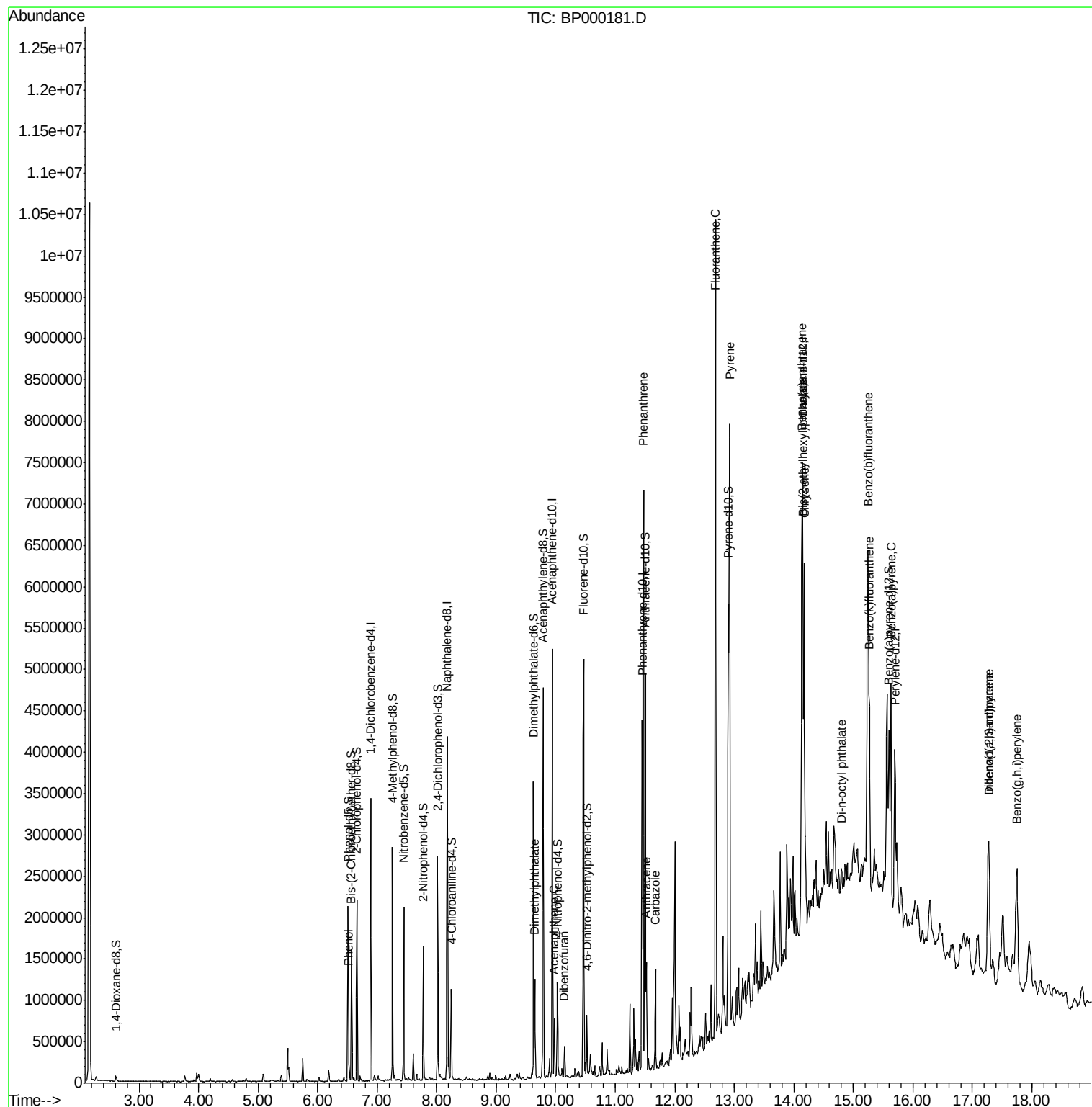
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000181.D
Acq On : 10 Sep 2019 21:51
Operator : HP/JU
Sample : K4634-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

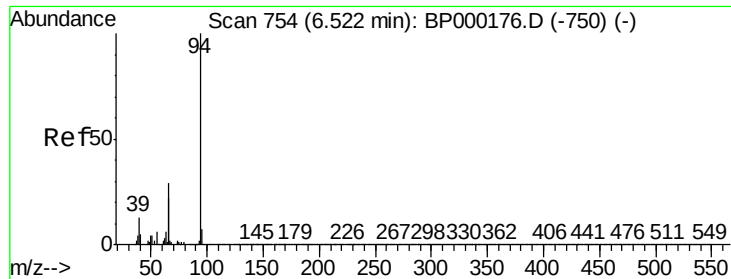
Instrument :
BNA_P
ClientSampled :
F2D31

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.462 ng/ul

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BP000181.D

Acq: 10 Sep 2019 21:51

Instrument :

BNA_P

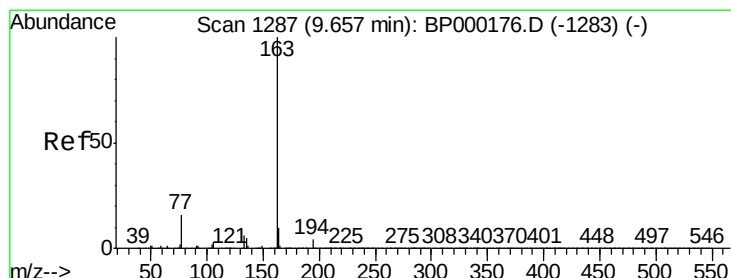
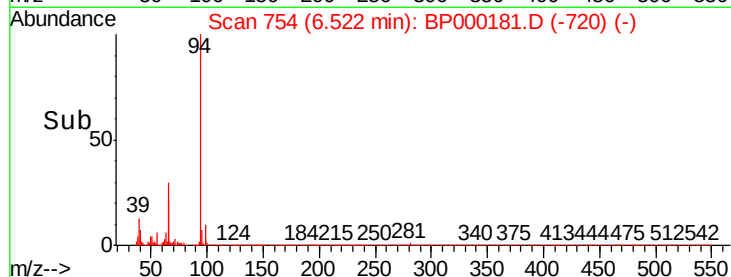
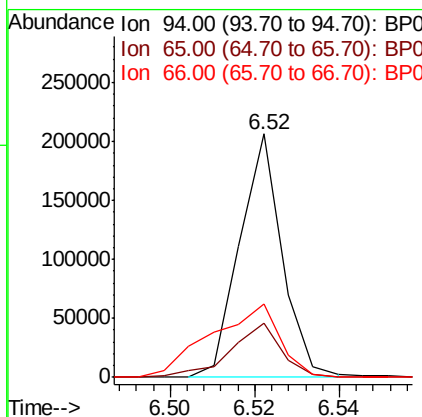
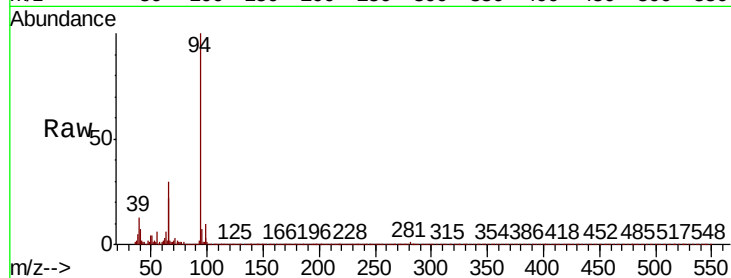
ClientSampleId :

F2D31

Tot Ion:	94	Resp:	143486
Ion Ratio	Lower	Upper	
94	100		
65	22.4	18.8	28.2
66	30.2	24.2	36.2

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#45

Dimethylphthalate

Concen: 5.641 ng/ul

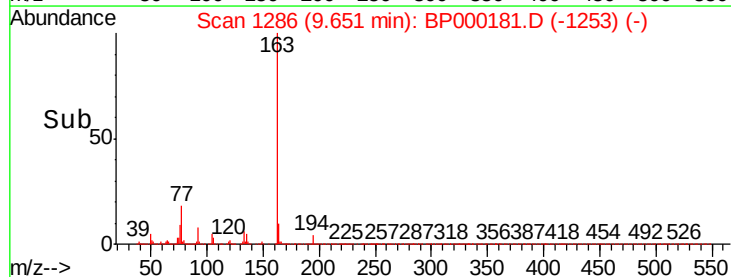
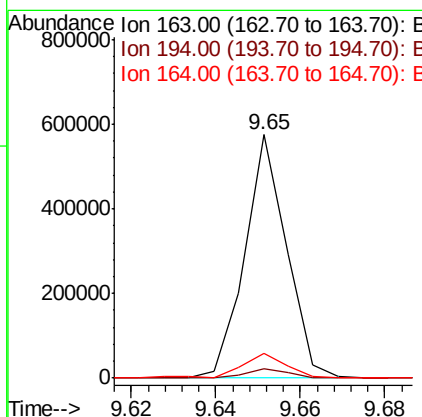
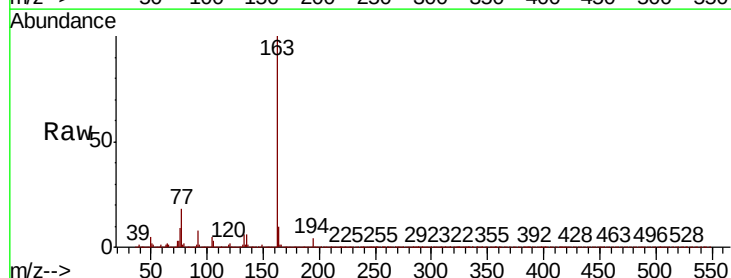
RT: 9.65 min Scan# 1286

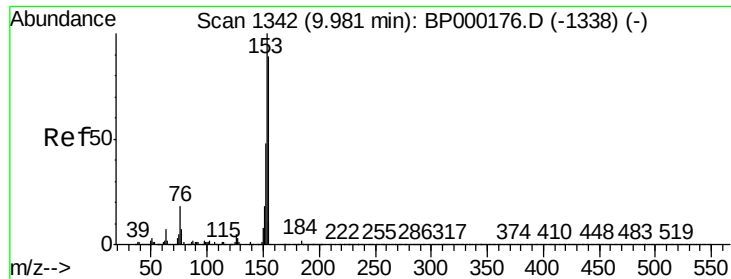
Delta R.T. -0.01 min

Lab File: BP000181.D

Acq: 10 Sep 2019 21:51

Tgt Ion:	163	Resp:	391094
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	10.3	8.4	12.6





#50

Acenaphthene

Concen: 2.385 ng/ul

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BP000181.D

Acq: 10 Sep 2019 21:51

Instrument :

BNA_P

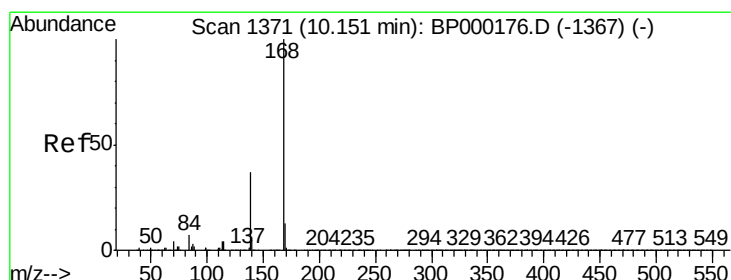
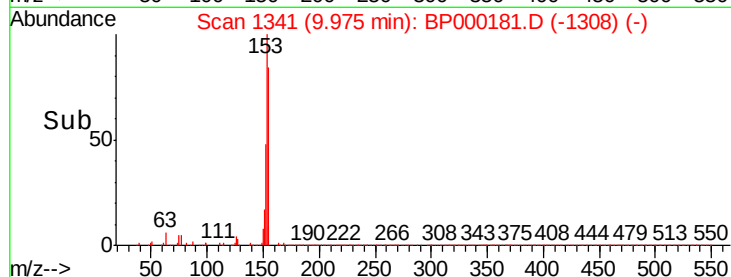
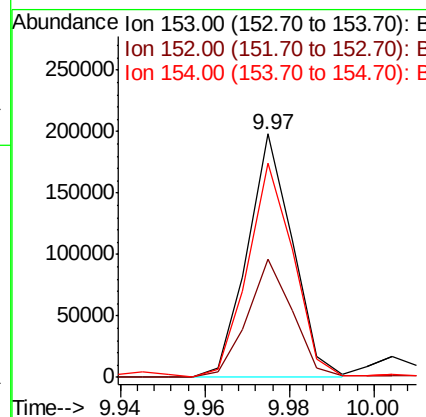
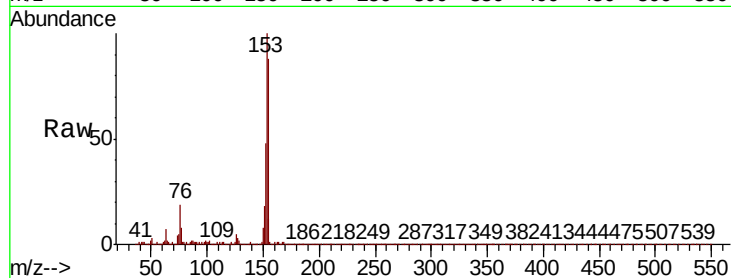
ClientSampleId :

F2D31

Tot Ion:	153	Resp:	146567
Ion Ratio	Lower	Upper	
153	100		
152	48.4	38.0	57.0
154	87.8	72.6	108.8

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#54

Dibenzofuran

Concen: 1.207 ng/ul

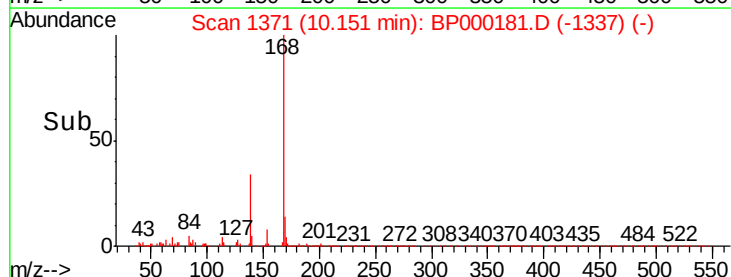
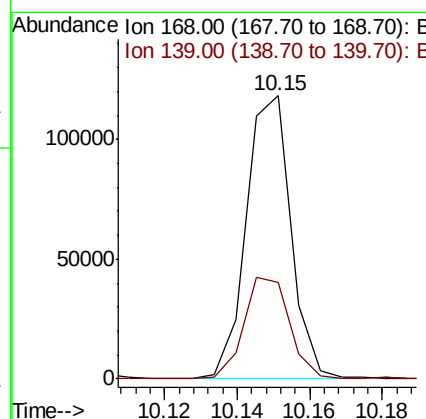
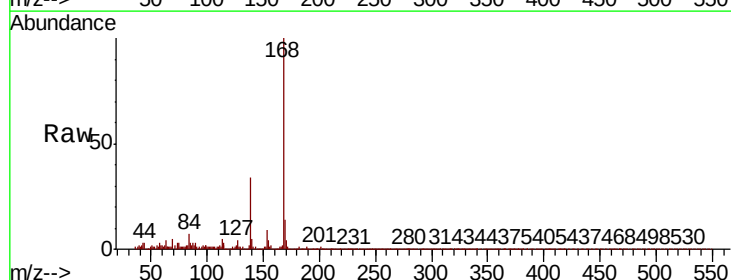
RT: 10.15 min Scan# 1371

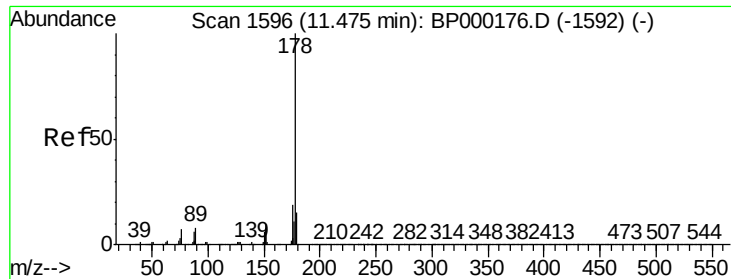
Delta R.T. -0.00 min

Lab File: BP000181.D

Acq: 10 Sep 2019 21:51

Tgt Ion:	168	Resp:	101756
Ion Ratio	Lower	Upper	
168	100		
139	34.1	30.0	45.0





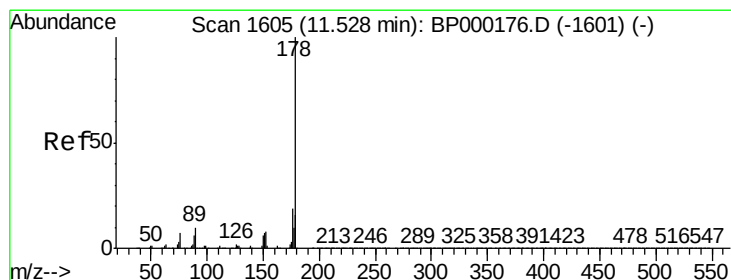
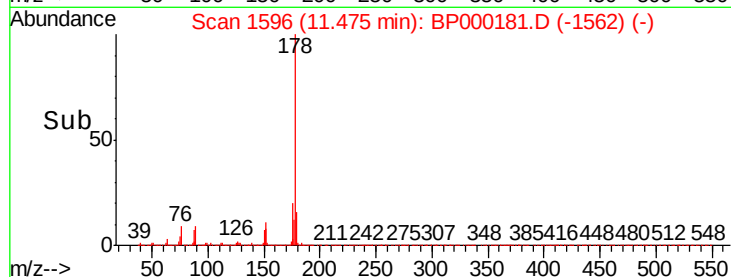
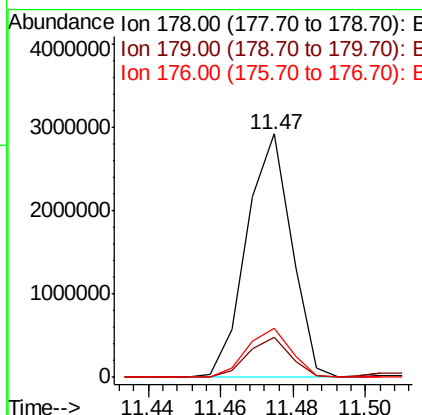
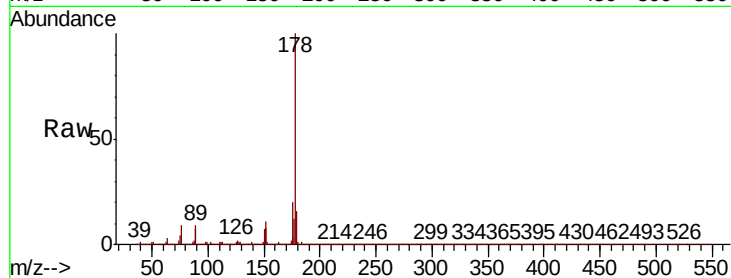
#70
Phenanthrene
Concen: 26.989 ng/ul
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
F2D31

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	20.4	15.7	23.5

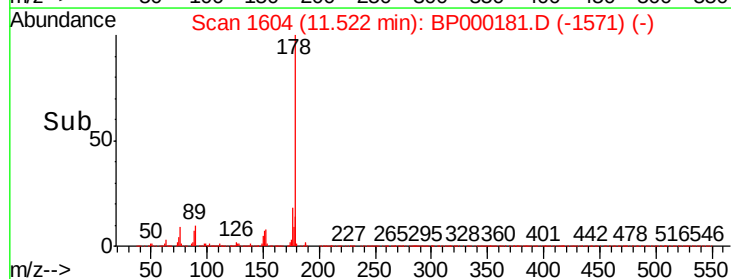
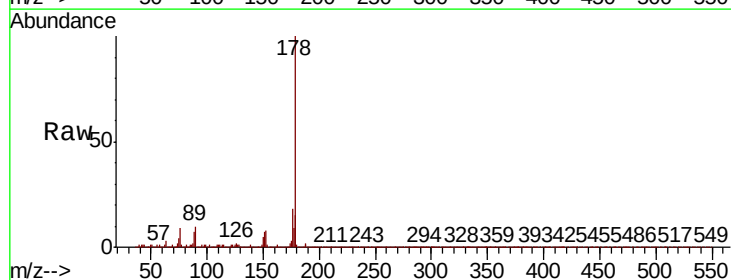
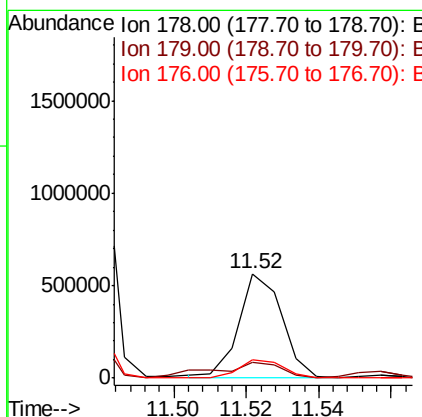
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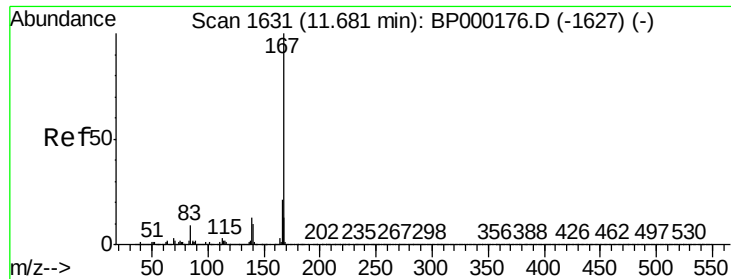
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#72
Anthracene
Concen: 5.091 ng/ul
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	18.0	15.1	22.7





#75

Carbazole

Concen: 5.731 ng/ul

RT: 11.67 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BP000181.D

Acq: 10 Sep 2019 21:51

Instrument :

BNA_P

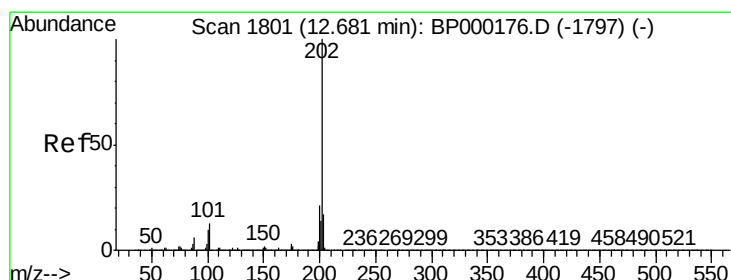
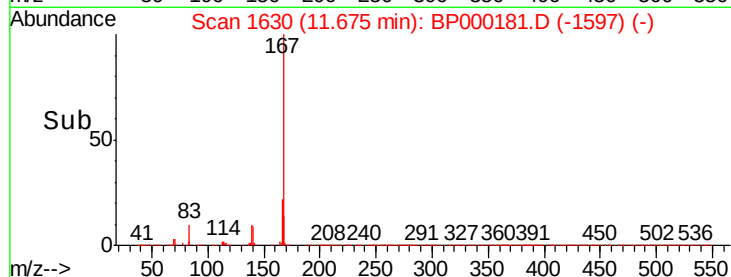
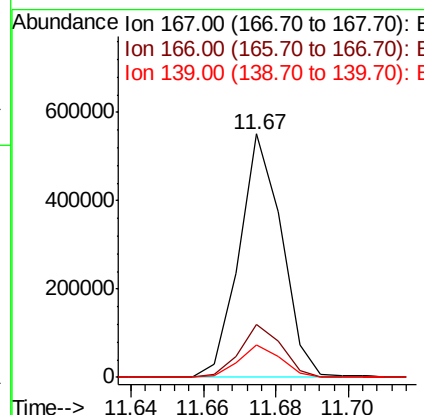
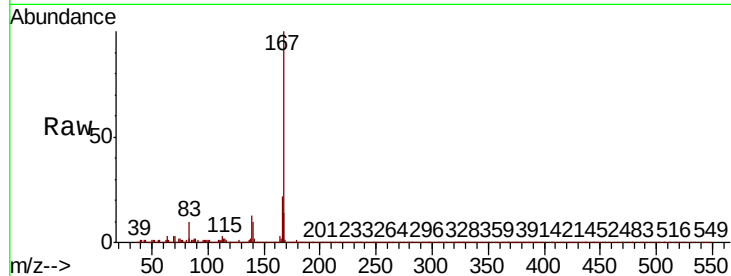
ClientSampleId :

F2D31

Tot Ion:	167	Resp:	449456
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.3	25.9
139	13.1	10.6	15.8

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#77

Fluoranthene

Concen: 42.877 ng/ul

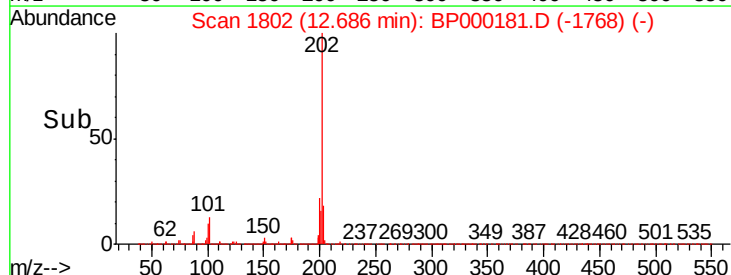
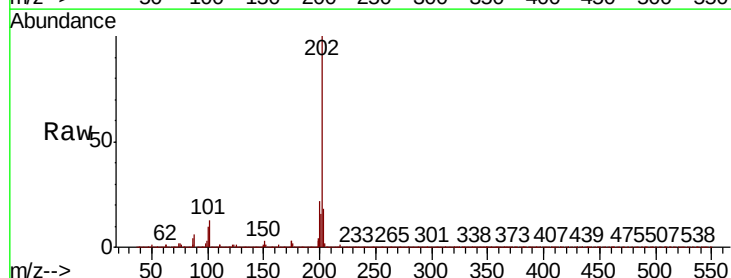
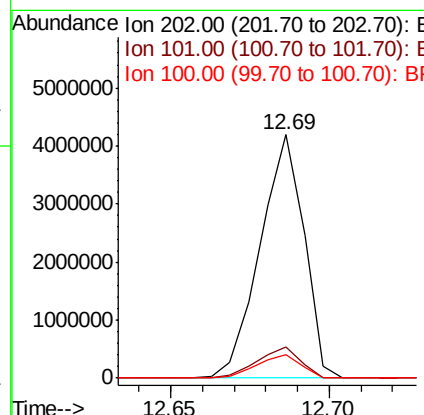
RT: 12.69 min Scan# 1802

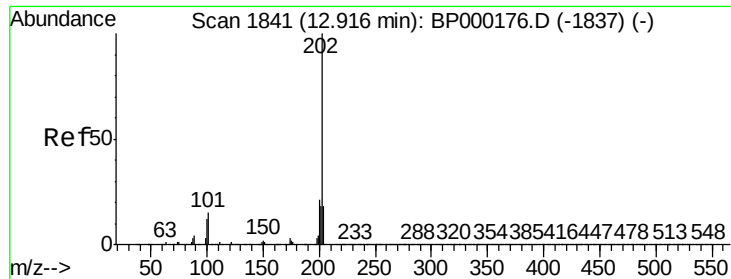
Delta R.T. -0.00 min

Lab File: BP000181.D

Acq: 10 Sep 2019 21:51

Tgt Ion:	202	Resp:	4031584
Ion Ratio	Lower	Upper	
202	100		
101	12.6	10.0	15.0
100	9.8	7.4	11.2





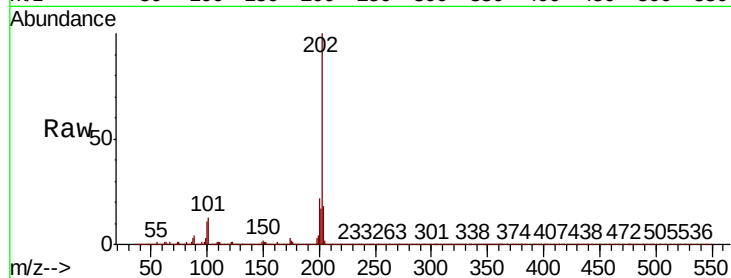
#80
Pvrene
Concen: 42.693 ng/ul
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
F2D31

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	13.4	20.0#
100	10.5	10.8	16.2#

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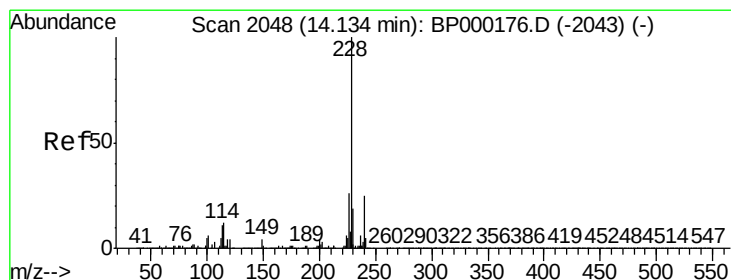
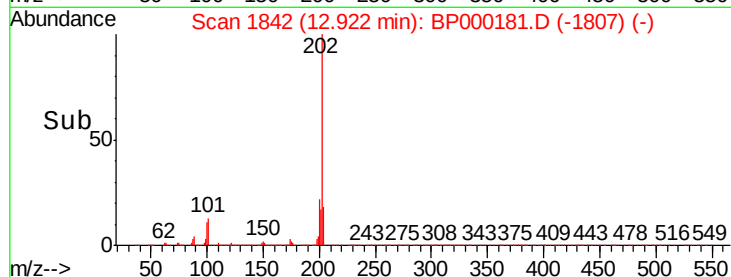
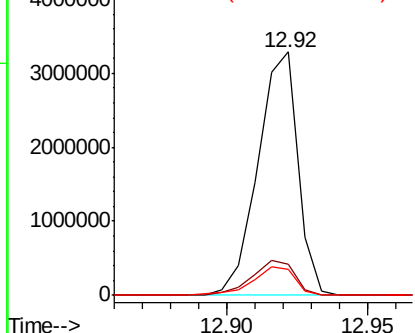


Abundance

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): BF



#83
Benzo(a)anthracene
Concen: 24.974 ng/ul
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

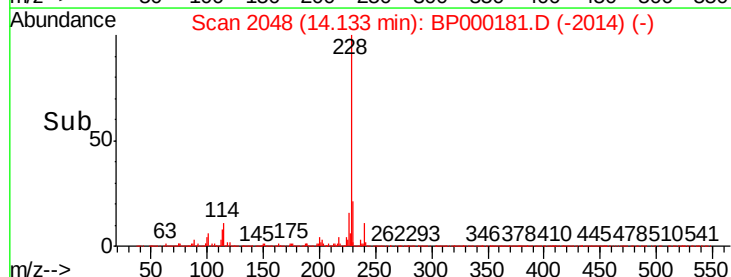
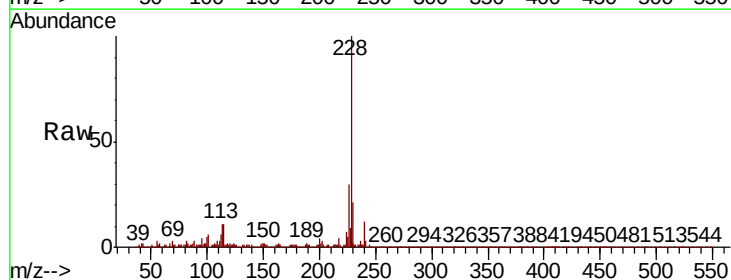
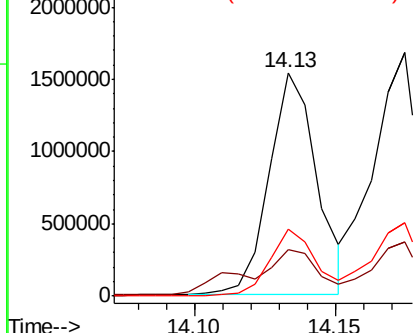
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.9	23.9
226	30.2	22.1	33.1

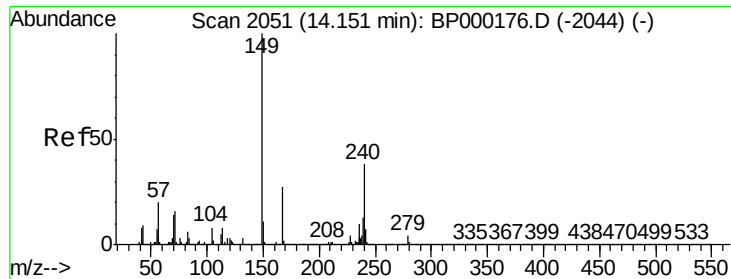
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





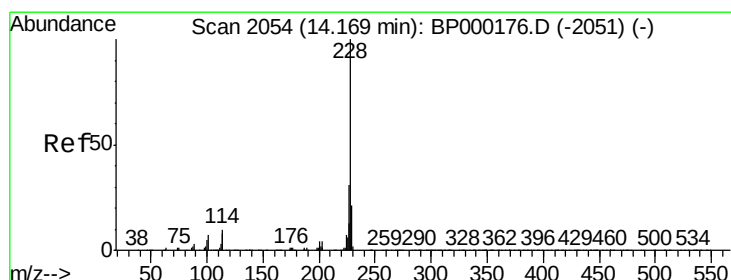
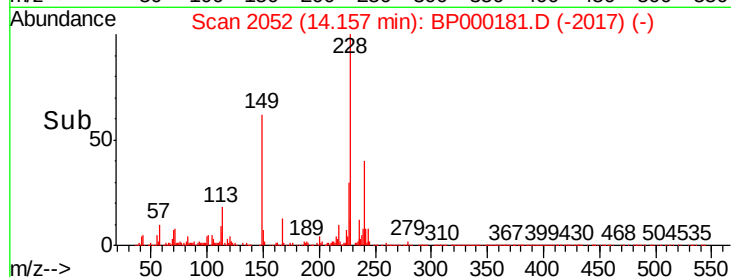
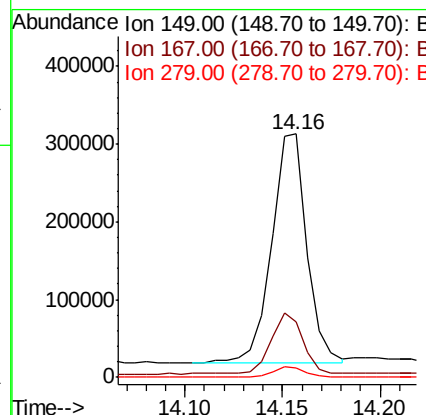
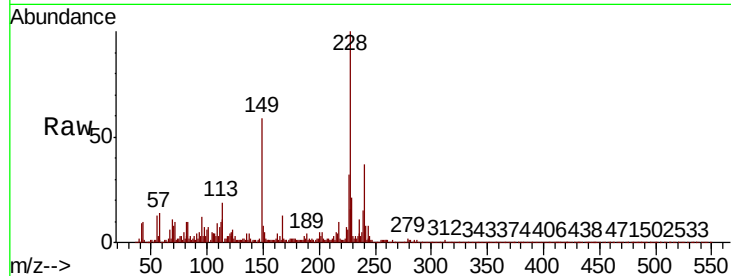
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.966 ng/ul
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
F2D31

Tot Ion	Ratio	Lower	Upper
149	100		
167	22.7	21.8	32.8
279	4.0	3.0	4.4

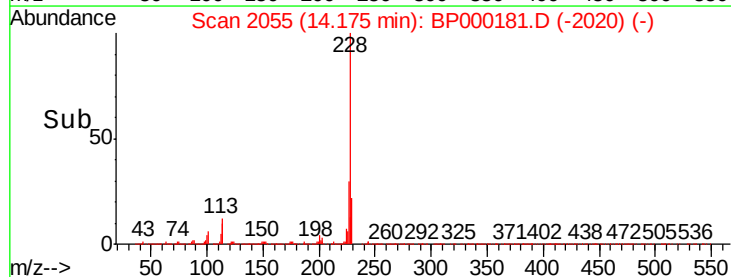
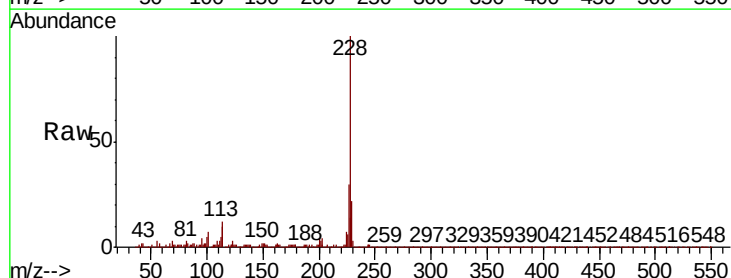
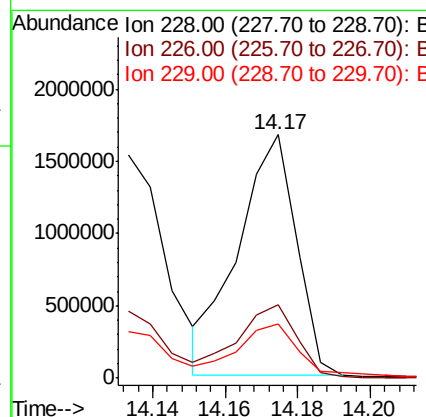
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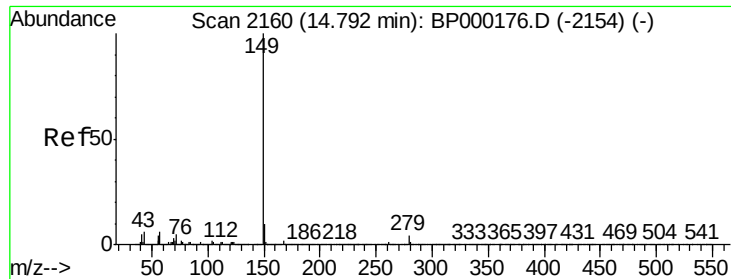
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#85
Chrysene
Concen: 27.786 ng/ul
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	22.2	16.0	24.0





#87

Di-n-octyl phthalate

Concen: 2.711 ng/ul

RT: 14.80 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BP000181.D

Acq: 10 Sep 2019 21:51

Instrument :

BNA_P

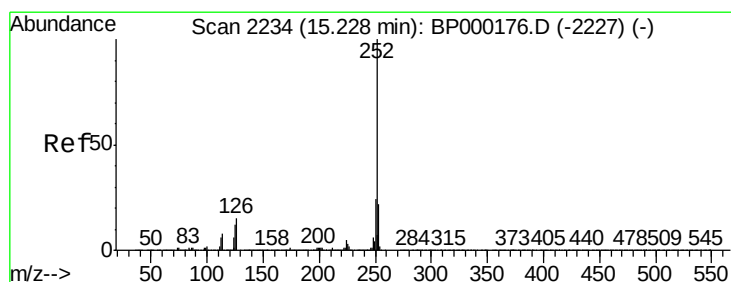
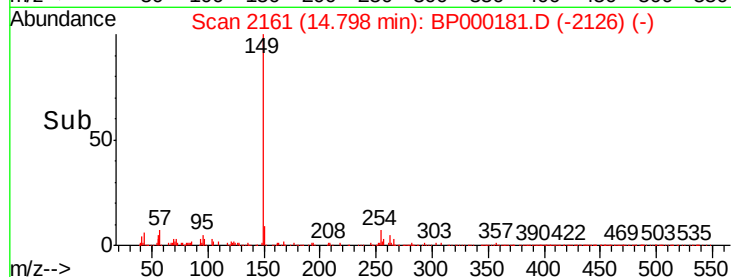
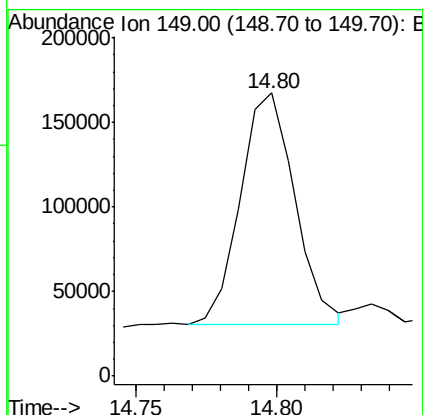
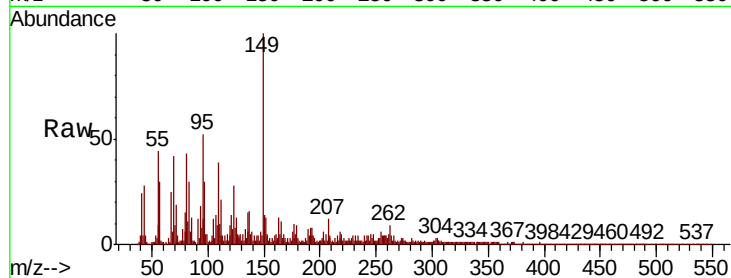
ClientSampleId :

F2D31

Tgt Ion:149 Resp: 183910

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#88

Benzo(b)fluoranthene

Concen: 42.893 ng/ul m

RT: 15.25 min Scan# 2237

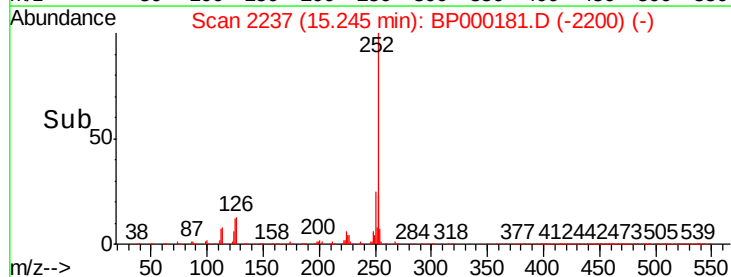
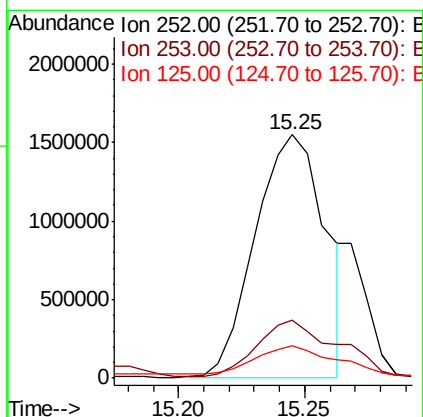
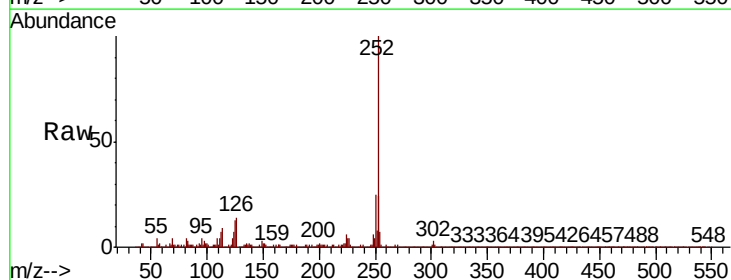
Delta R.T. 0.02 min

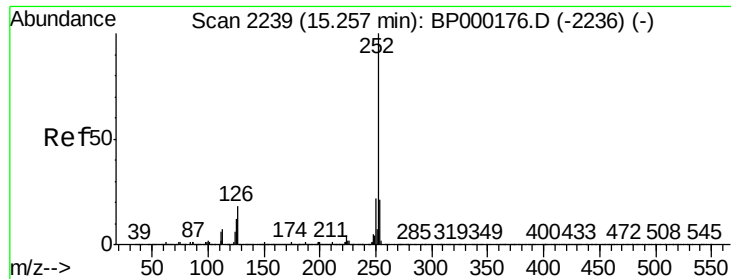
Lab File: BP000181.D

Acq: 10 Sep 2019 21:51

Tgt Ion:252 Resp: 3003543

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	13.3	9.9	14.9





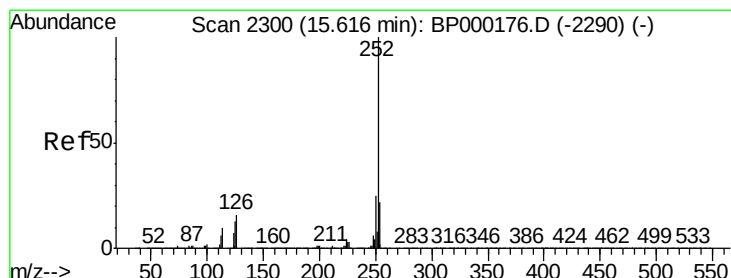
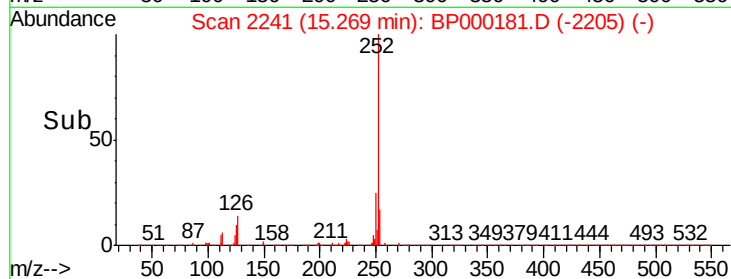
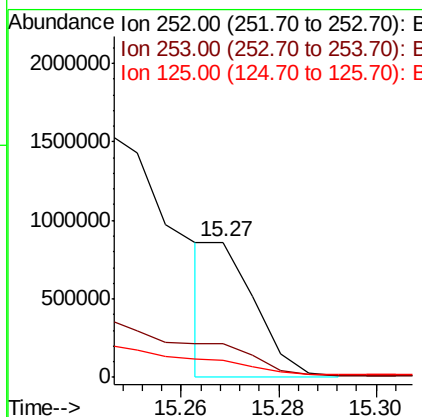
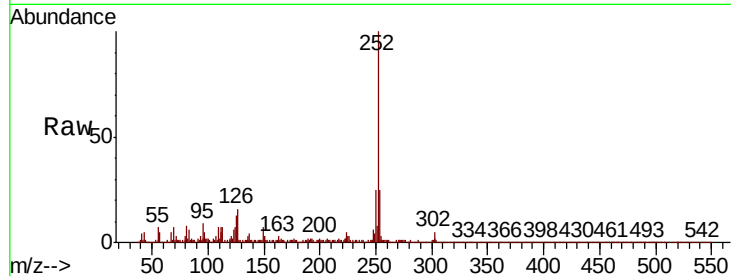
#89
Benzo(k)fluoranthene
Concen: 8.362 ng/ul m
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
F2D31

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	12.6	10.2	15.2

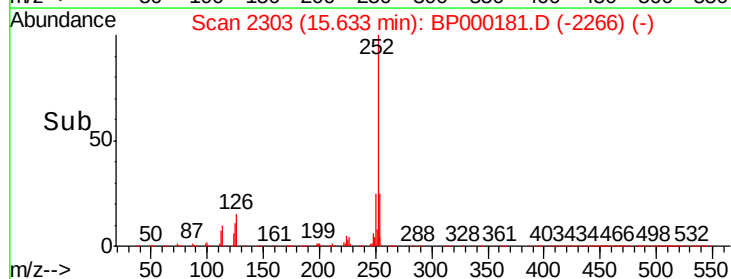
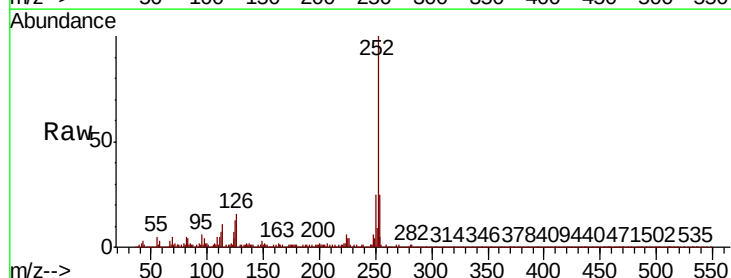
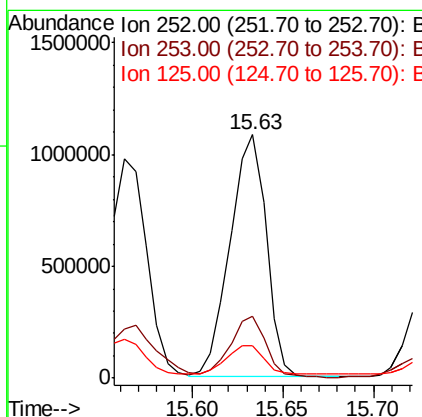
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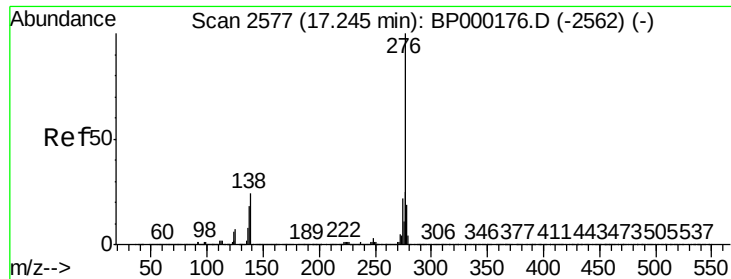
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#91
Benzo(a)pyrene
Concen: 23.026 ng/ul
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	13.5	10.2	15.2





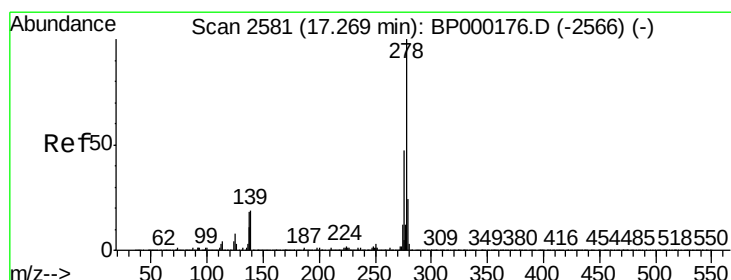
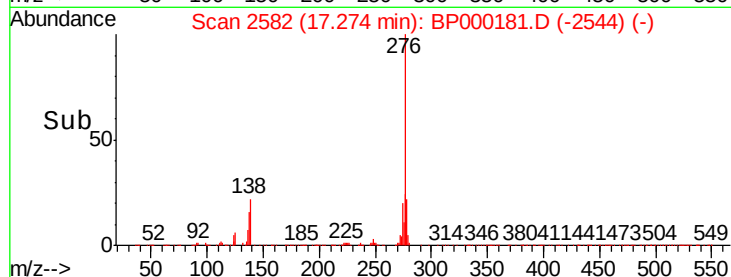
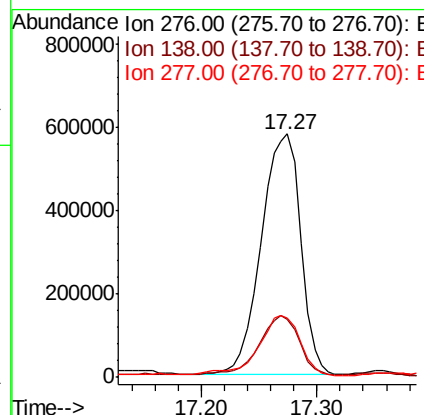
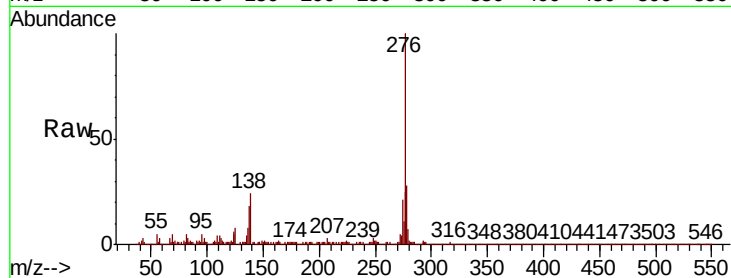
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 18.293 ng/ul
 RT: 17.27 min Scan# 2582
 Delta R.T. 0.02 min
 Lab File: BP000181.D
 Acq: 10 Sep 2019 21:51

Instrument :
 BNA_P
 ClientSampleId :
 F2D31

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.0	30.0
277	24.5	19.4	29.0

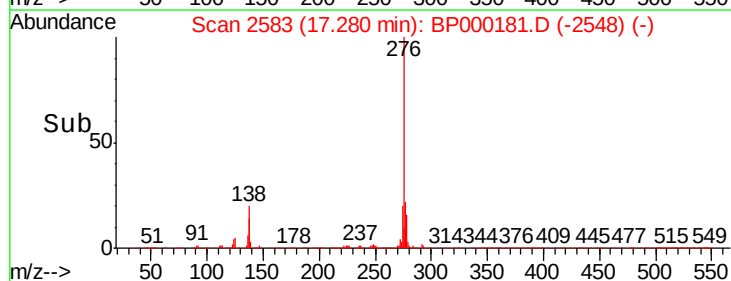
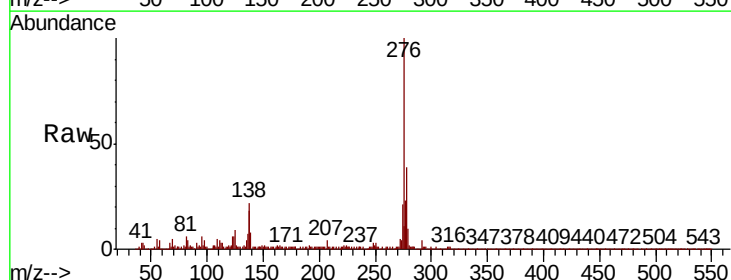
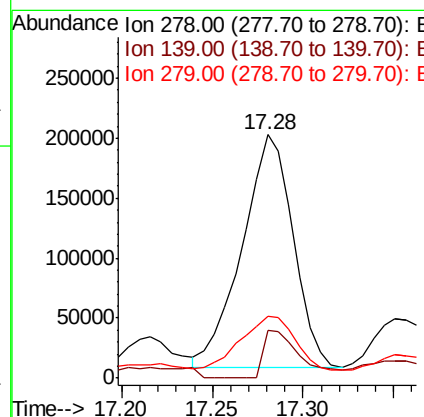
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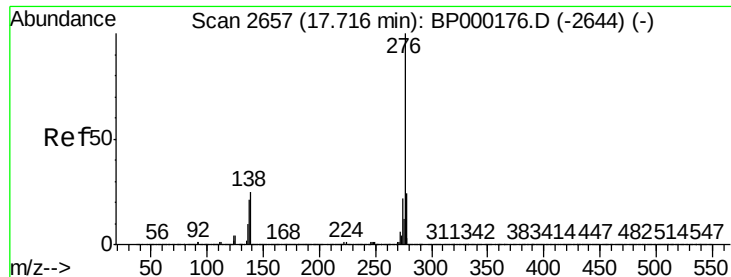
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#93
 Dibenzo(a,h)anthracene
 Concen: 6.044 ng/ul
 RT: 17.28 min Scan# 2583
 Delta R.T. 0.01 min
 Lab File: BP000181.D
 Acq: 10 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.1	22.7
279	25.2	19.2	28.8





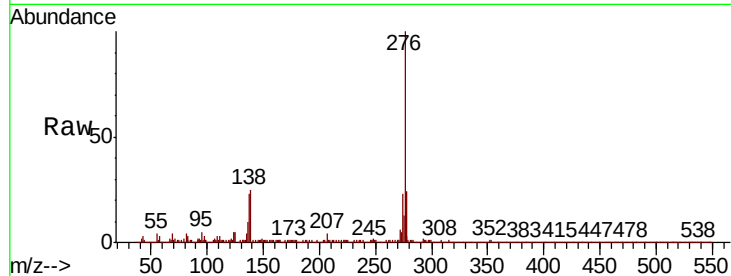
#94
 Benzo(a,h,i)perylene
 Concen: 21.663 ng/ul
 RT: 17.74 min Scan# 2662
 Delta R.T. 0.02 min
 Lab File: BP000181.D
 Acq: 10 Sep 2019 21:51

Instrument :
 BNA_P
 ClientSampleId :
 F2D31

Tot Ion:	276	Resp:	1365190
Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.0	30.0
277	24.4	19.1	28.7

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

