

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
 Data File : BP000808.D
 Acq On : 16 Oct 2019 13:18
 Operator : JU
 Sample : K5223-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPD8

Manual Integrations
 APPROVED

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 10/20/2019 8:10:51 PM

Quant Time: Oct 17 08:43:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 07:55:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	203028	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	755944	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	408199	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.30	188	737798	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	611948	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	659874	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.38	96	18082m	3.69	ng/uL	0.03
5) Phenol-d5	6.39	99	293895	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	159415	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	263017	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	192268	16.07	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	124027	21.58	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	134854	22.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	237415	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	271343	20.83	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	667075	23.34	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	785312	22.34	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	67926	15.43	ng/ul	0.00
58) Fluorene-d10	10.32	176	557807	22.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	43785	12.46	ng/ul	0.00
71) Anthracene-d10	11.35	188	794366	23.24	ng/ul	0.00
79) Pyrene-d10	12.73	212	863898	24.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	813667	24.98	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.40	94	40604	2.572	ng/ul 97
45) Dimethylphthalate	9.51	163	207362	7.283	ng/ul 99
67) Hexachlorobenzene	10.91	284	10791	1.193	ng/ul 95
70) Phenanthrene	11.32	178	66984	1.666	ng/ul 99
72) Anthracene	11.37	178	47602	1.167	ng/ul 100
77) Fluoranthene	12.52	202	125865	3.055	ng/ul 100
80) Pyrene	12.75	202	124921m	2.877	ng/ul
81) Butylbenzylphthalate	13.38	149	18515	1.044	ng/ul 94
83) Benzo(a)anthracene	13.96	228	95440	2.324	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	13.96	149	43851	1.859	ng/ul 99
85) Chrysene	13.99	228	92650	2.427	ng/ul 97
87) Di-n-octyl phthalate	14.57	149	61728	1.632	ng/ul 100
88) Benzo(b)fluoranthene	15.02	252	96957	2.463	ng/ul 99
89) Benzo(k)fluoranthene	15.05	252	71156	1.898	ng/ul 99
91) Benzo(a)pyrene	15.39	252	84546	2.268	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	16.92	276	79875	1.869	ng/ul 98
93) Dibenzo(a,h)anthracene	16.93	278	53961	1.541	ng/ul 98
94) Benzo(g,h,i)perylene	17.36	276	65798	1.849	ng/ul 98

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

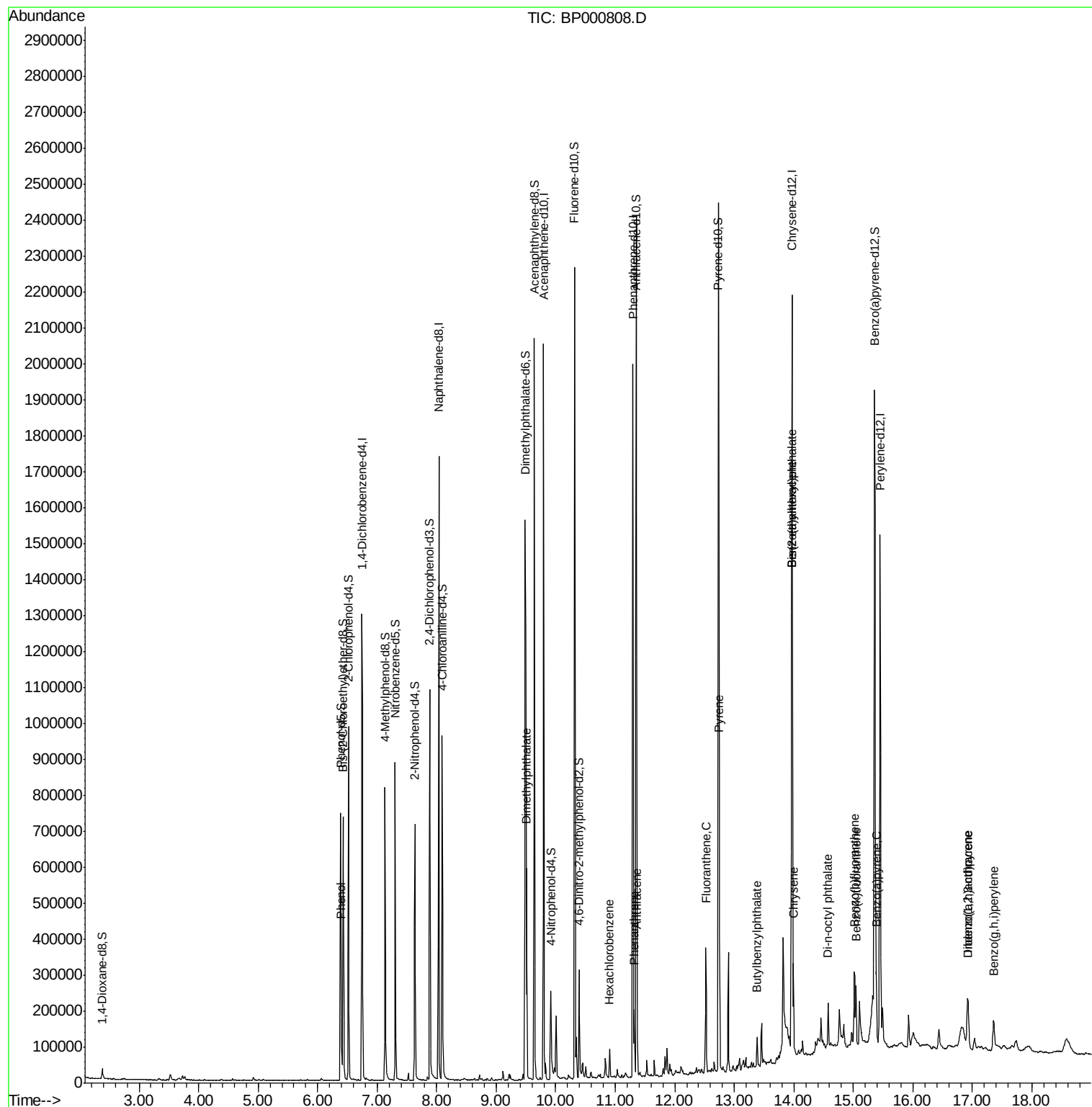
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000808.D
Acq On : 16 Oct 2019 13:18
Operator : JU
Sample : K5223-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

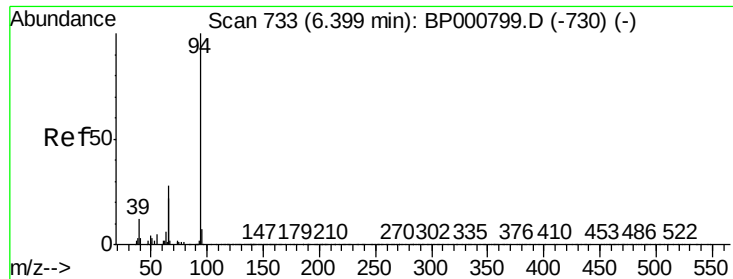
Instrument :
BNA_P
ClientSampleId :
BEPD8

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 07:55:39 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.572 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

Instrument :

BNA_P

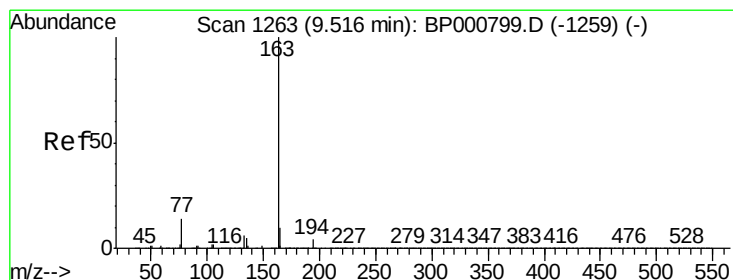
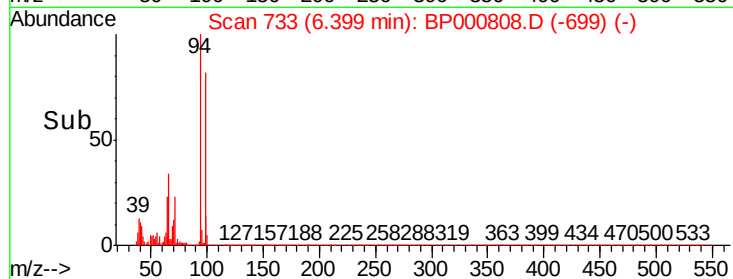
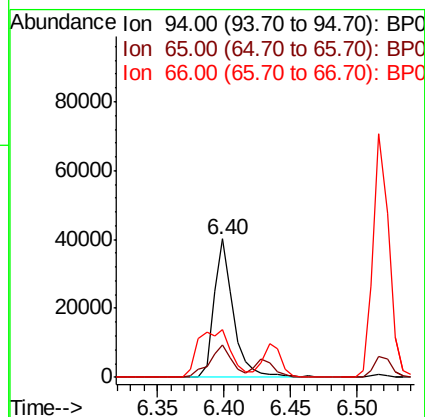
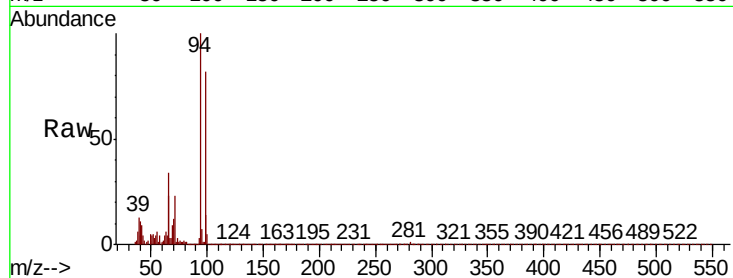
ClientSampleID :

BEPD8

Tot Ion:	94	Resp:	40604
Ion Ratio	Lower	Upper	
94	100		
65	23.0	19.2	28.8
66	34.3	25.7	38.5

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#45

Dimethylphthalate

Concen: 7.283 ng/ul

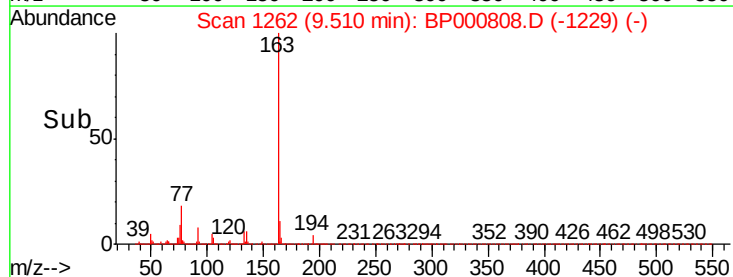
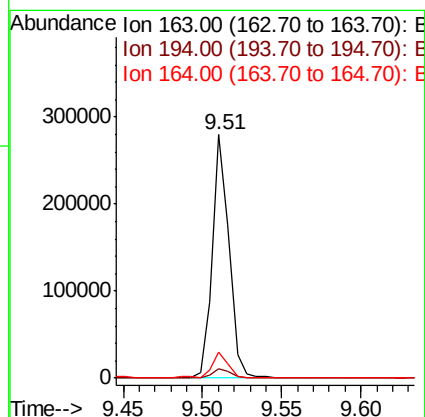
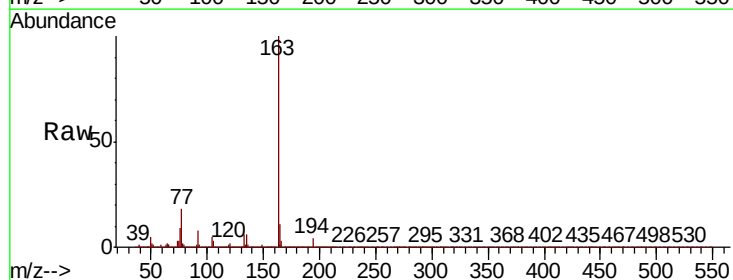
RT: 9.51 min Scan# 1262

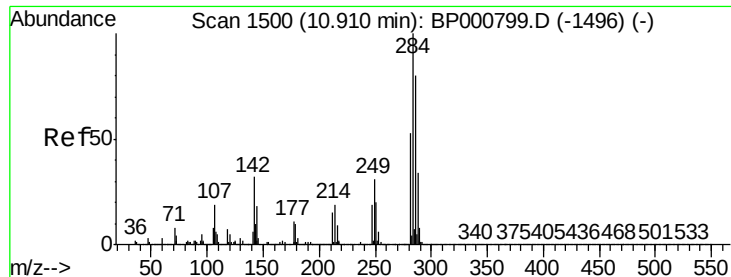
Delta R.T. -0.01 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

Tgt Ion:	163	Resp:	207362
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.3	4.9
164	10.6	8.1	12.1





#67

Hexachlorobenzene

Concen: 1.193 ng/ul

RT: 10.91 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

Instrument :

BNA_P

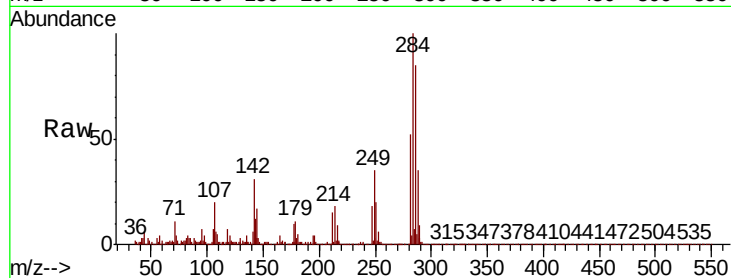
ClientSampled :

BEPD8

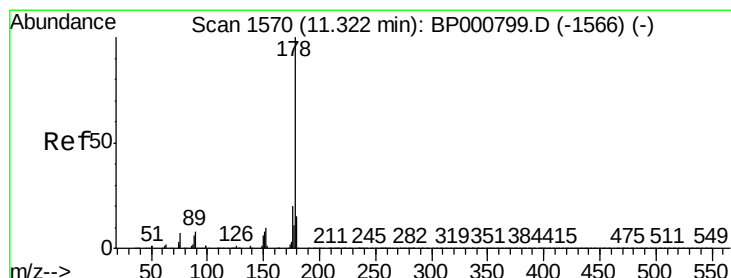
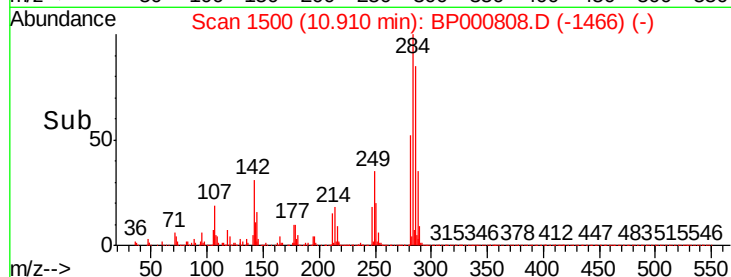
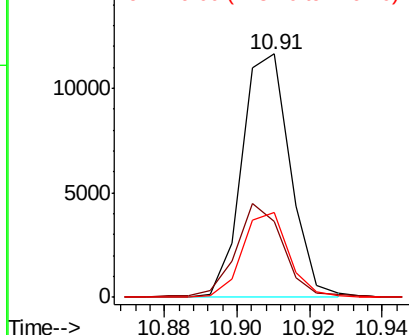
Tot Ion:	284	Resp:	10791
Ion Ratio	Lower	Upper	
284	100		
142	31.1	26.4	39.6
249	34.9	25.0	37.6

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Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#70

Phenanthrene

Concen: 1.666 ng/ul

RT: 11.32 min Scan# 1569

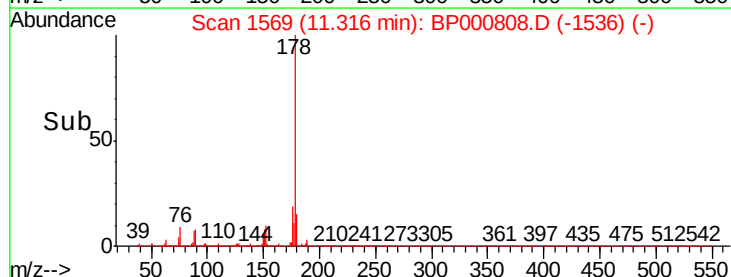
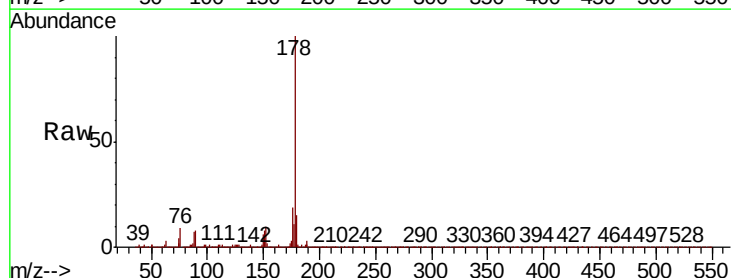
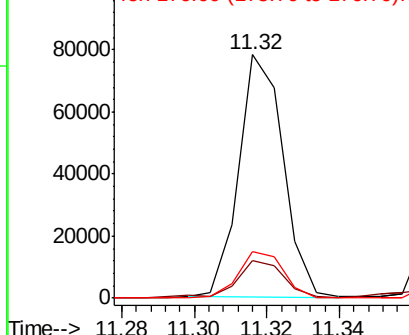
Delta R.T. -0.01 min

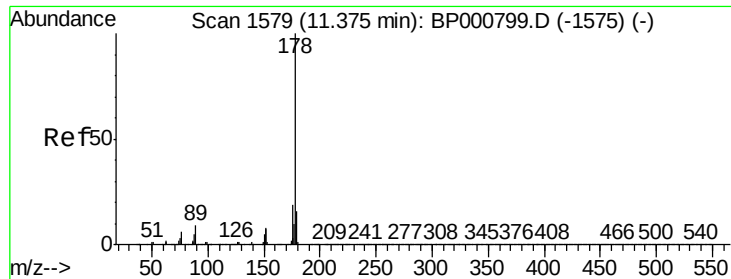
Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

Tgt Ion:	178	Resp:	66984
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.5	18.7
176	18.9	15.4	23.2

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





#72

Anthracene

Concen: 1.167 ng/ul

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

Instrument :

BNA_P

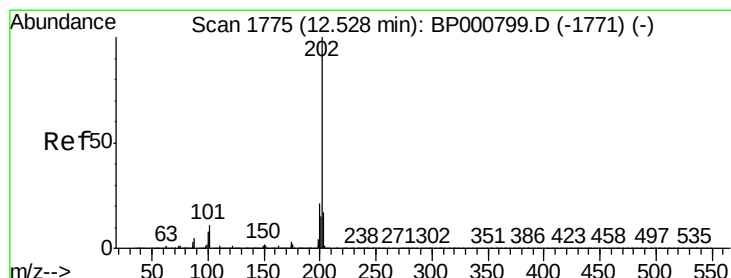
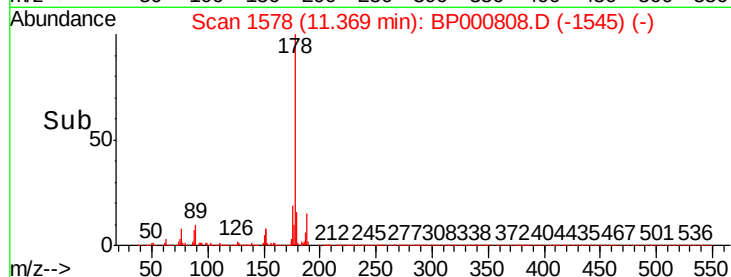
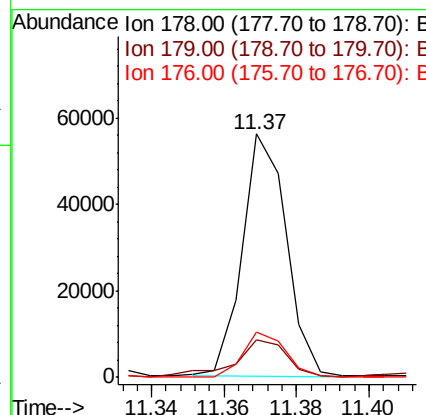
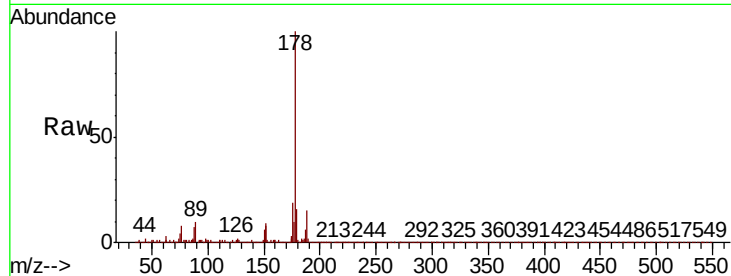
ClientSampleId :

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Tot Ion:	178	Resp:	47602
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	18.6	15.1	22.7

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#77

Fluoranthene

Concen: 3.055 ng/ul

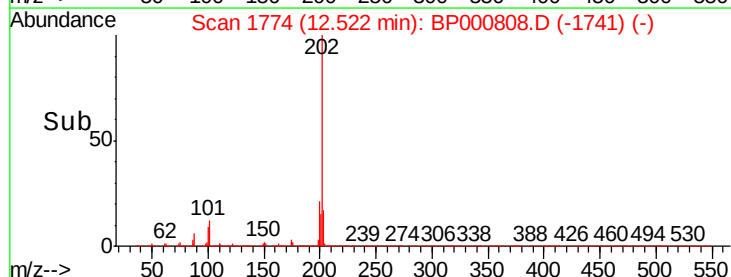
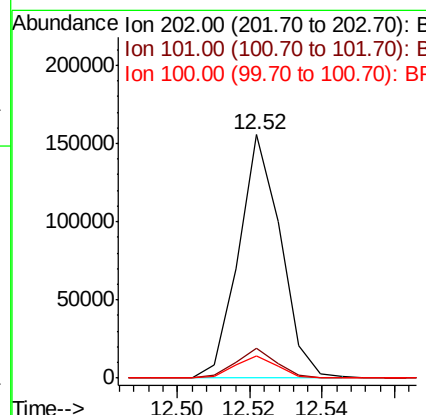
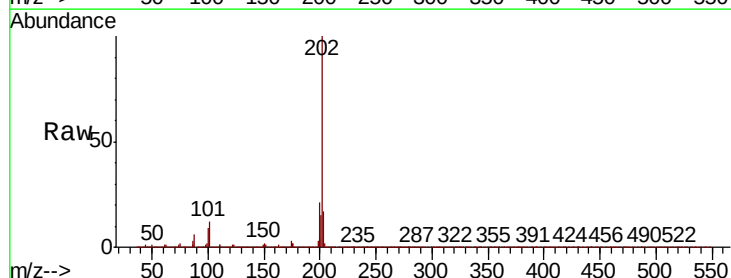
RT: 12.52 min Scan# 1774

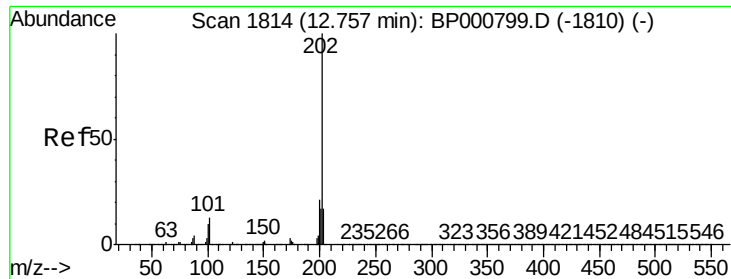
Delta R.T. -0.01 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

Tgt Ion:	202	Resp:	125865
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.8	14.6
100	9.0	7.2	10.8





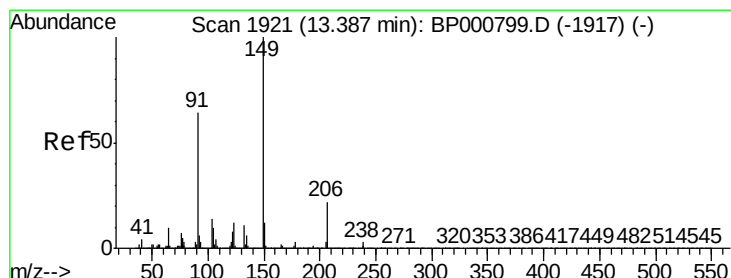
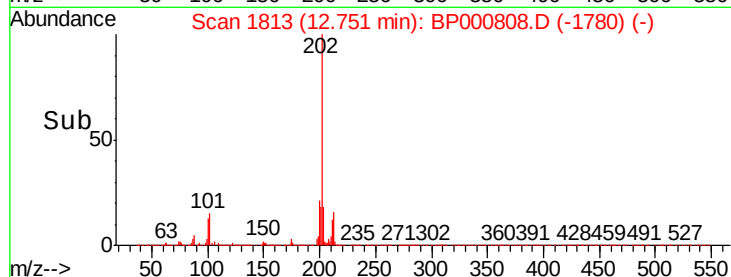
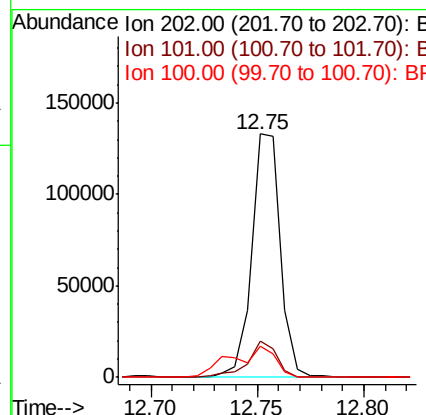
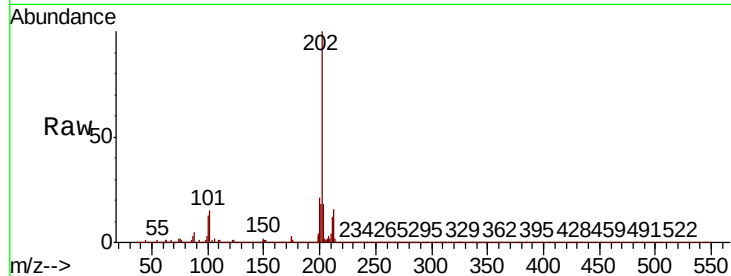
#80
Pvrene
Concen: 2.877 ng/ul m
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Instrument :
BNA_P
ClientSampleId :
BEPD8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.0	9.7	14.5#
100	12.7	7.8	11.8#

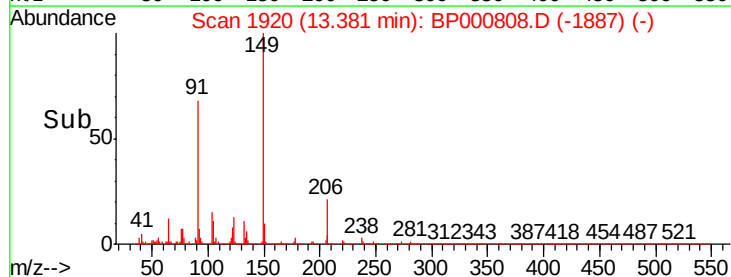
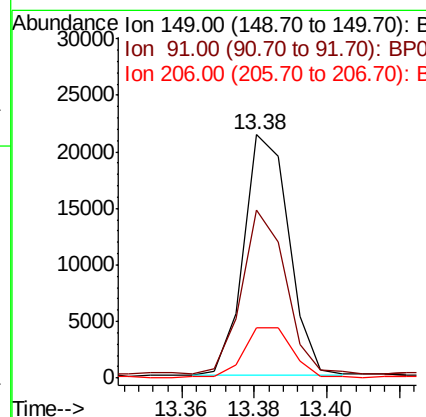
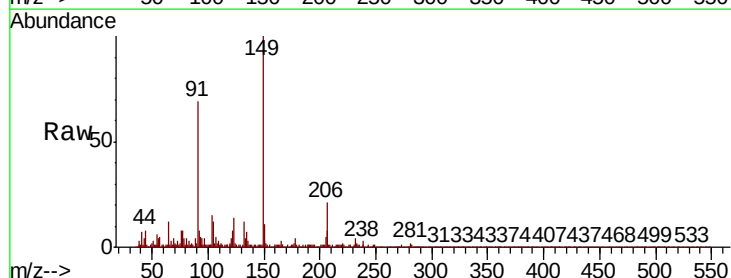
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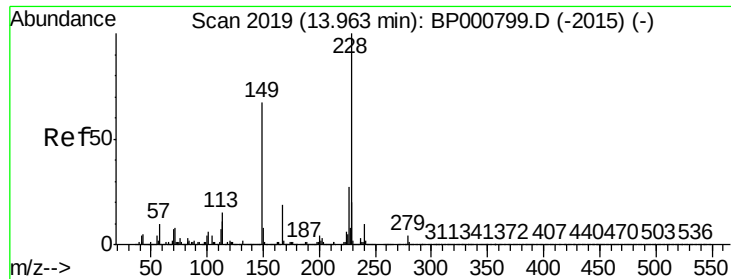
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#81
Butylbenzylphthalate
Concen: 1.044 ng/ul
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	69.1	50.6	75.8
206	20.9	17.8	26.6





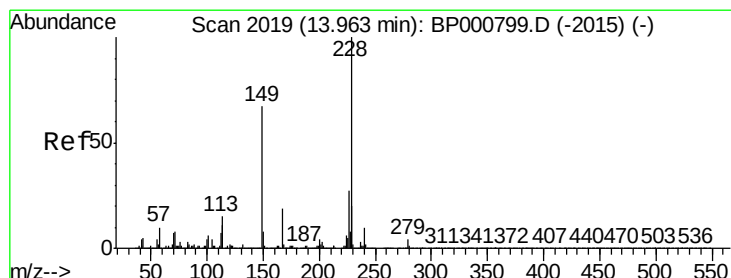
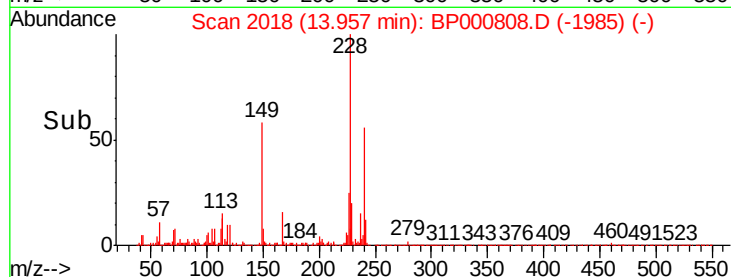
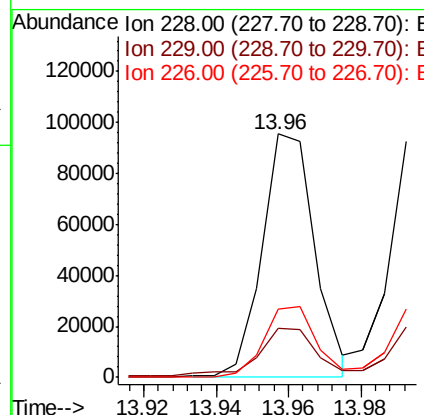
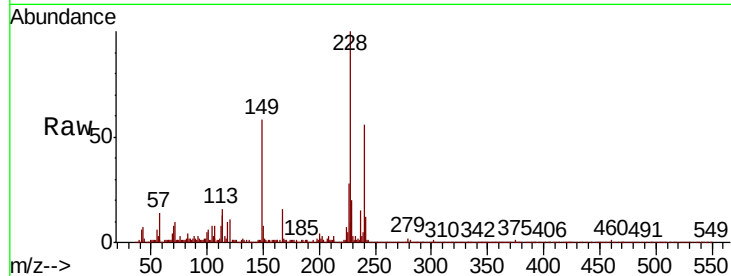
#83
Benzo(a)anthracene
Concen: 2.324 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Instrument :
BNA_P
ClientSampled :
BEPD8

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	28.1	21.8	32.8

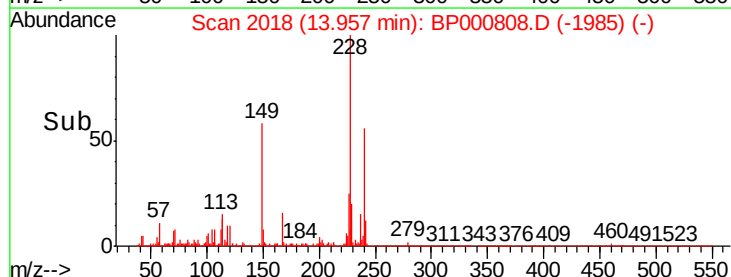
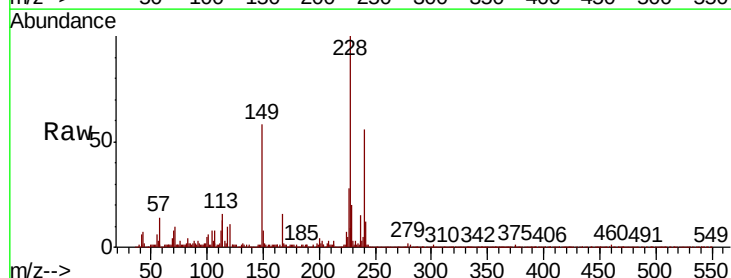
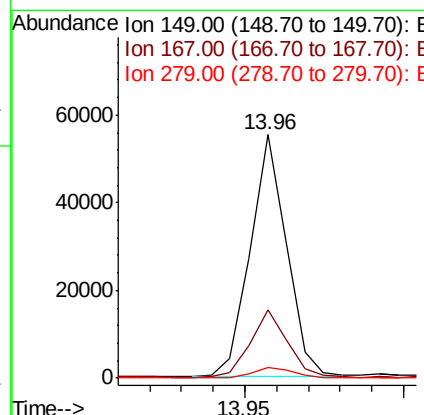
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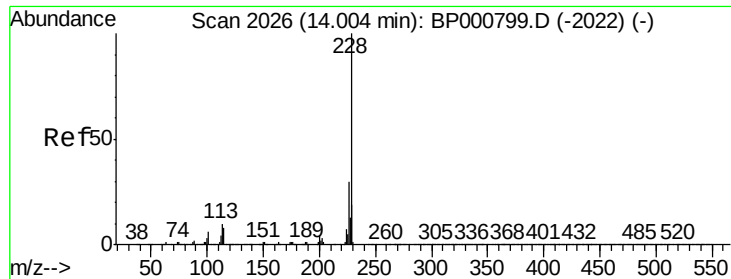
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.859 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.3	33.5
279	4.3	3.2	4.8





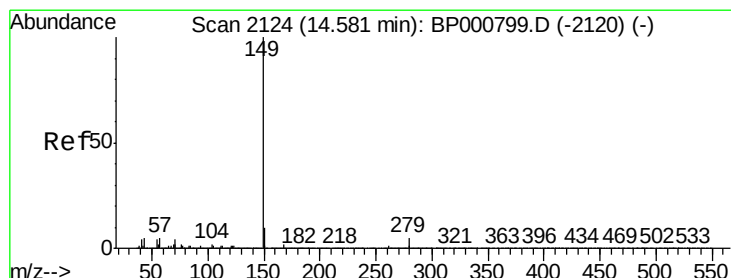
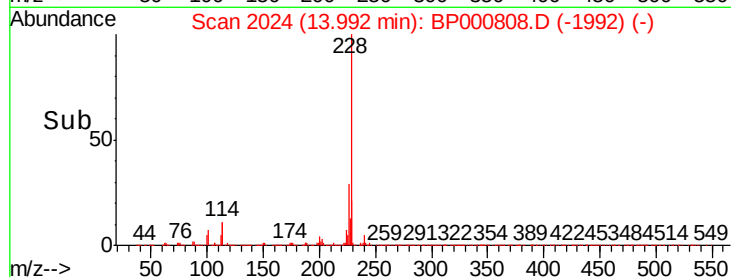
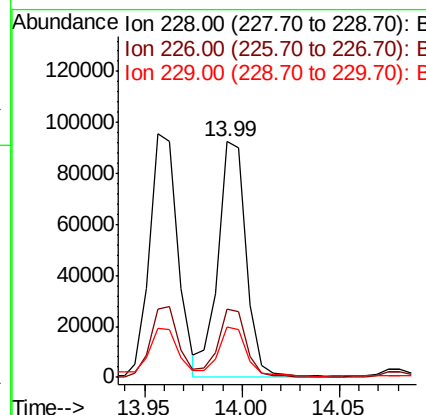
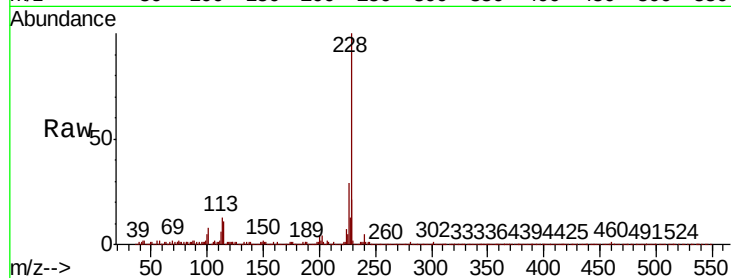
#85
Chrysene
Concen: 2.427 ng/ul
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Instrument :
BNA_P
ClientSampleId :
BEPD8

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.2	36.4
229	21.2	15.8	23.6

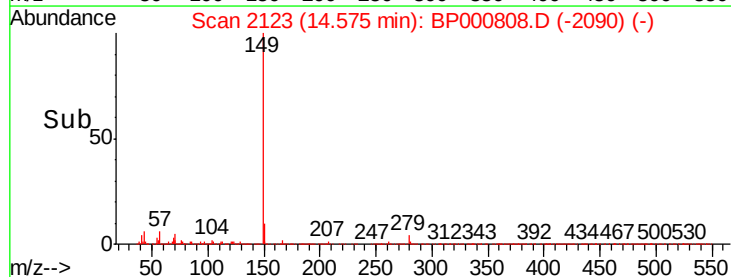
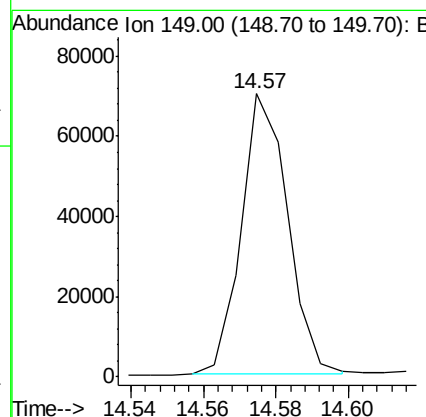
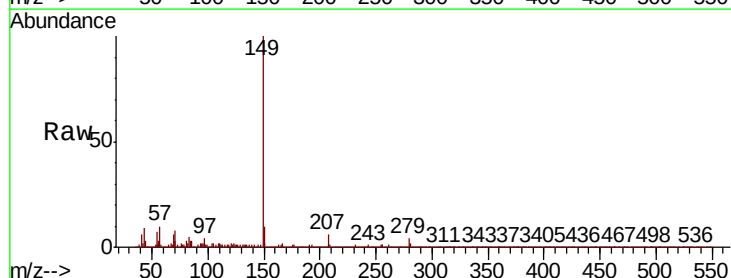
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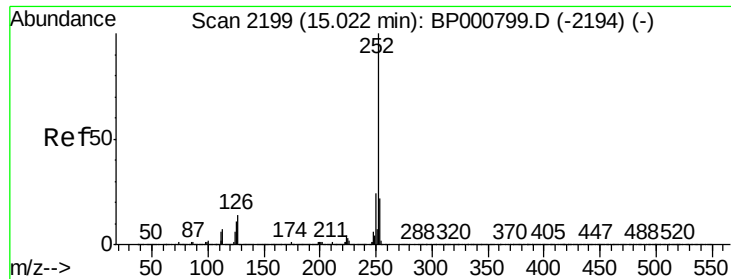
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#87
Di-n-octyl phthalate
Concen: 1.632 ng/ul
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Tgt Ion:149 Resp: 61728





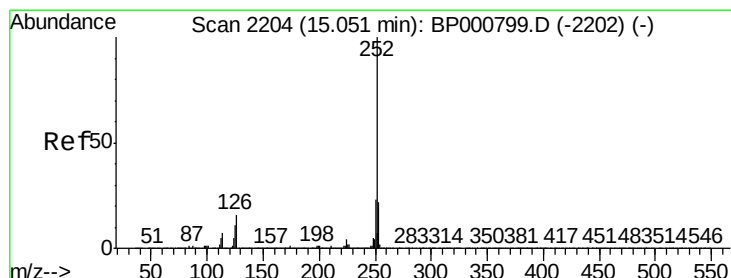
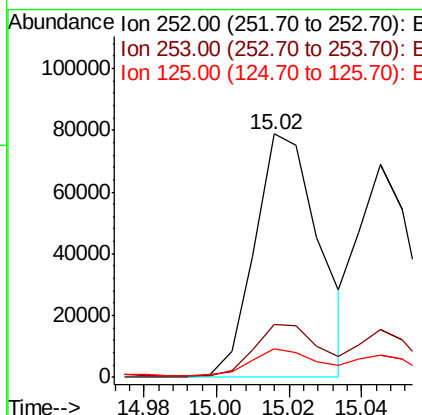
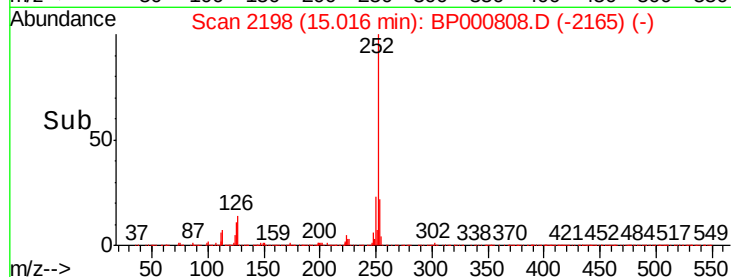
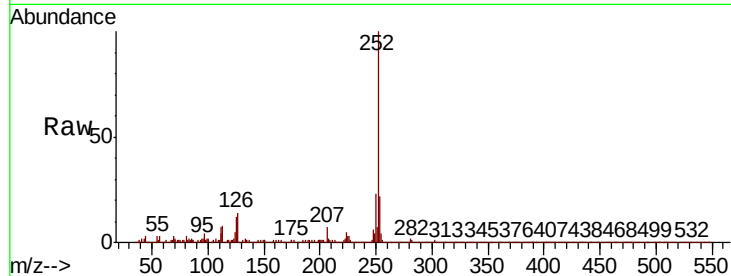
#88
Benzo(b)fluoranthene
Concen: 2.463 ng/ul
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Instrument :
BNA_P
ClientSampled :
BEPD8

Tot Ion:252	Resp:	96957
Ion Ratio	Lower	Upper
252 100		
253 22.0	17.6	26.4
125 12.0	8.7	13.1

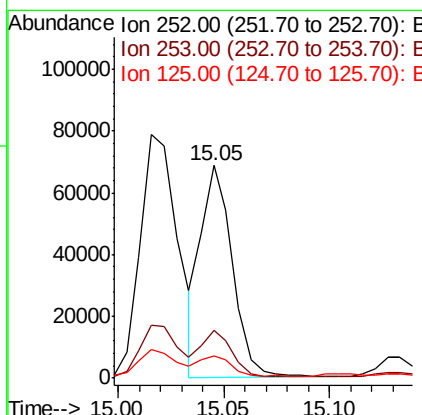
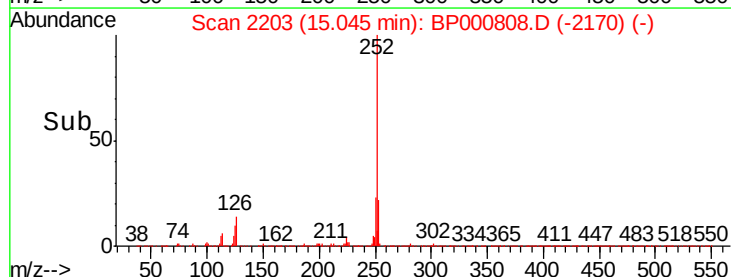
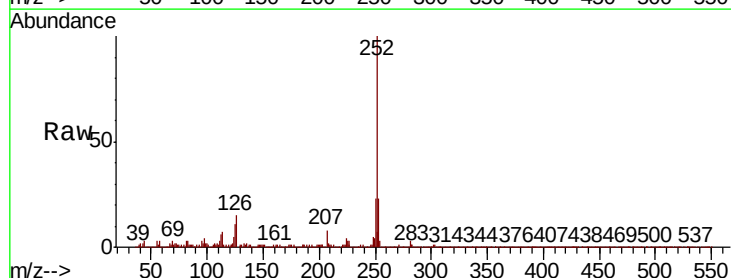
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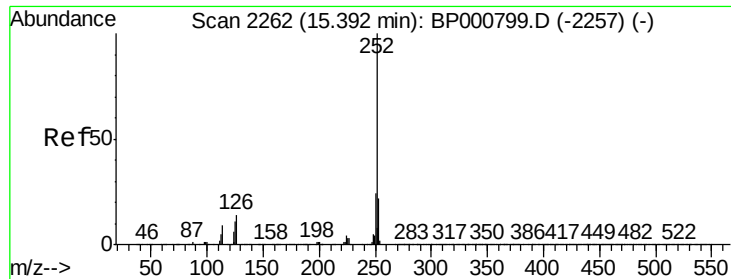
mohammad
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#89
Benzo(k)fluoranthene
Concen: 1.898 ng/ul
RT: 15.05 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Tgt Ion:252	Resp:	71156
Ion Ratio	Lower	Upper
252 100		
253 22.6	17.8	26.6
125 10.6	8.2	12.4





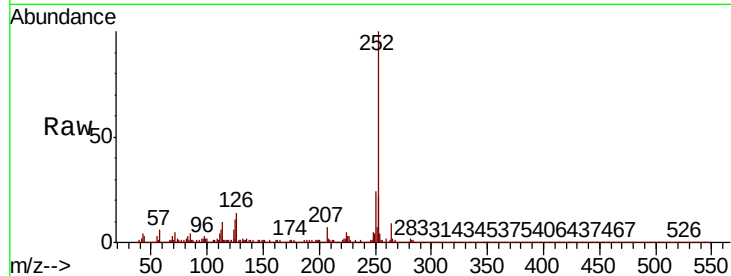
#91
Benzo(a)pyrene
Concen: 2.268 ng/ul
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Instrument :
BNA_P
ClientSampled :
BEPD8

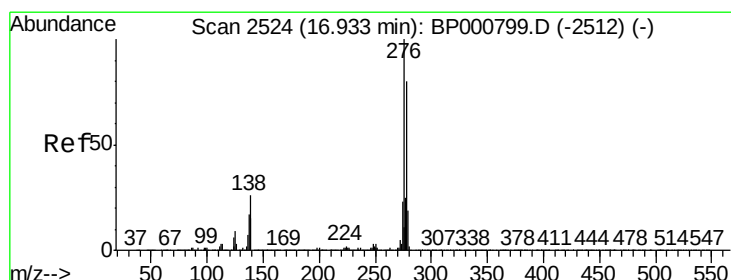
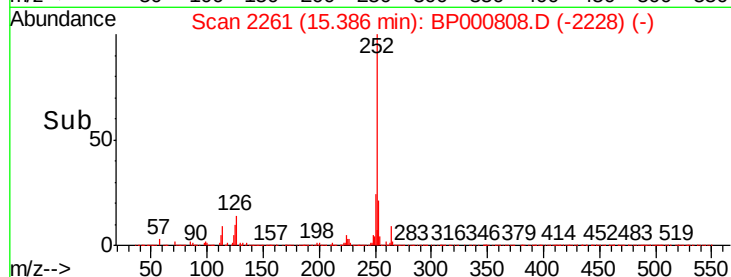
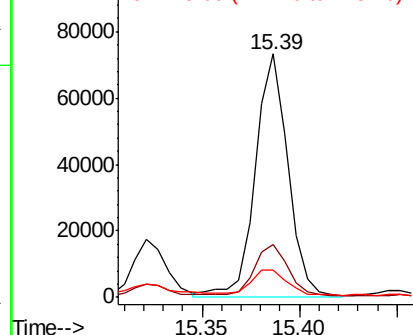
Tot Ion:	252	Resp:	84546
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.6	26.4
125	11.3	9.7	14.5

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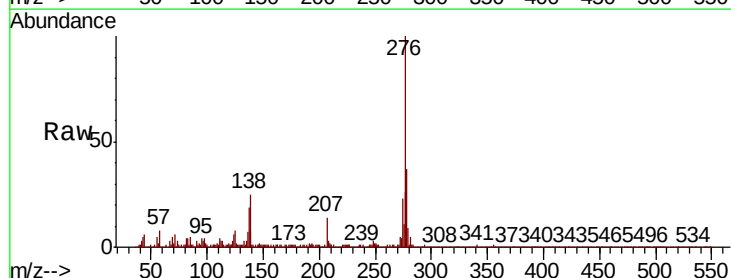


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

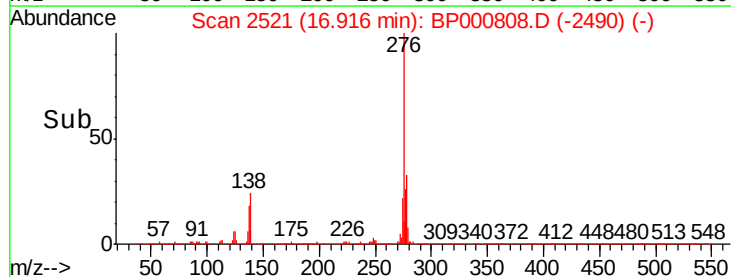
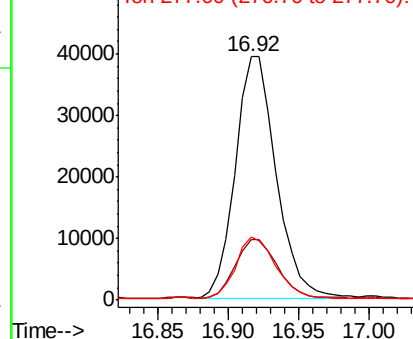


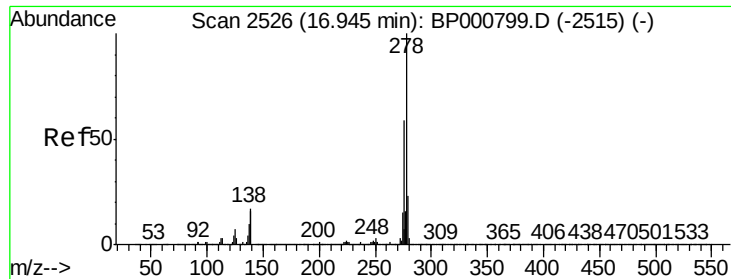
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.869 ng/ul
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Tgt Ion:	276	Resp:	79875
Ion Ratio	Lower	Upper	
276	100		
138	24.7	20.0	30.0
277	26.1	19.8	29.8



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





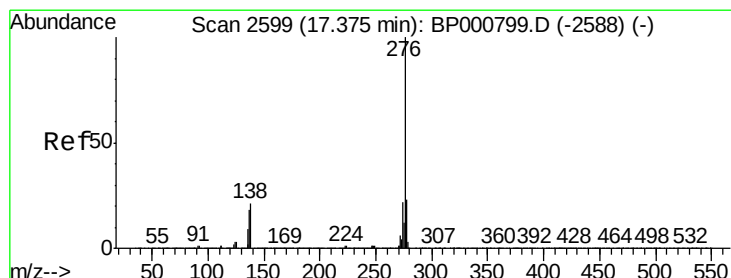
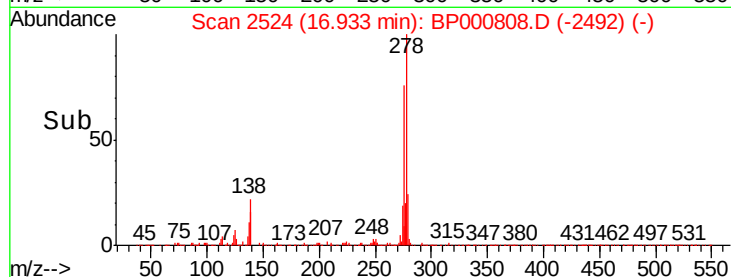
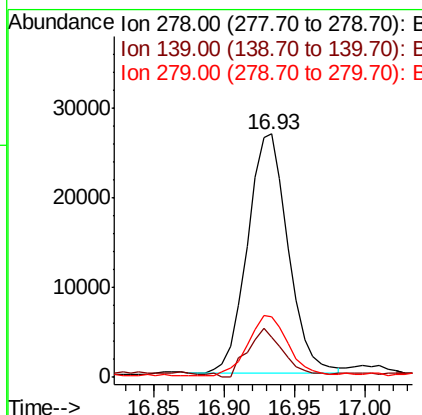
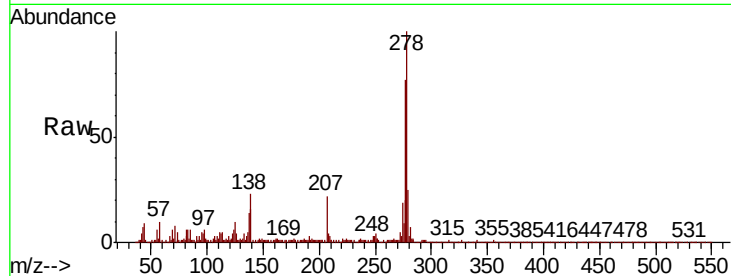
#93
Dibenzo(a,h)anthracene
Concen: 1.541 ng/ul
RT: 16.93 min Scan# 2524
Delta R.T. -0.01 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Instrument :
BNA_P
ClientSampled :
BEPD8

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.2	21.4
279	24.7	19.2	28.8

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#94
Benzo(g,h,i)perylene
Concen: 1.849 ng/ul
RT: 17.36 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	18.4	27.6
277	23.8	19.4	29.0

