

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
 Data File : BP000117.D
 Acq On : 09 Sep 2019 02:46
 Operator : HP/JU
 Sample : K4716-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-20-S

Manual Integrations
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mohammad
 9/10/2019 2:51:19 PM

Quant Time: Sep 09 08:02:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	427080	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1601191	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	870043	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1556683	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	1294318	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1405305	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	2044383	76.33	ng	0.00
7) Phenol-d6	6.51	99	2647461	78.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	1435192	55.00	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	648383	88.41	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2854489	54.79	ng	0.00
79) Terphenyl-d14	13.03	244	3272810	55.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	440651	7.432	ng	Qvalue 100
71) Phenanthrene	11.45	178	995677	12.833	ng	97
72) Anthracene	11.50	178	210098	2.741	ng	97
75) Fluoranthene	12.65	202	1374634	16.304	ng	96
78) Pyrene	12.89	202	1117106	11.732	ng	96
81) Benzo(a)anthracene	14.09	228	555471	6.623	ng	98
83) Chrysene	14.12	228	548498	6.914	ng	96
86) Indeno(1,2,3-cd)pyrene	17.15	276	288925m	2.906	ng	
88) Benzo(b)fluoranthene	15.16	252	644872m	7.513	ng	
89) Benzo(k)fluoranthene	15.19	252	170098m	2.165	ng	
90) Benzo(a)pyrene	15.55	252	442582	5.712	ng	97
92) Benzo(a,h,i)perylene	17.62	276	275752	3.595	ng	96

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

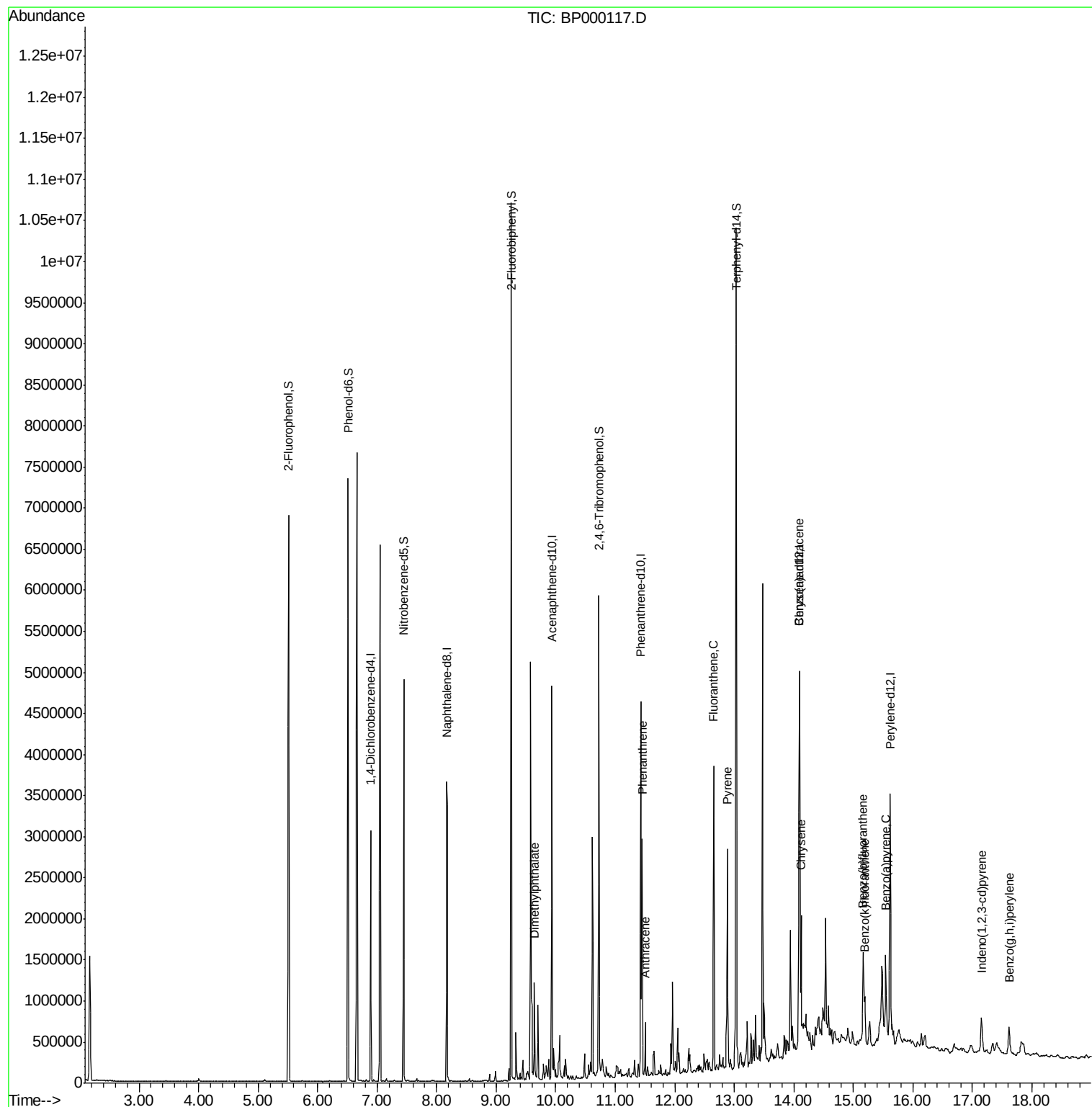
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000117.D
Acq On : 09 Sep 2019 02:46
Operator : HP/JU
Sample : K4716-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

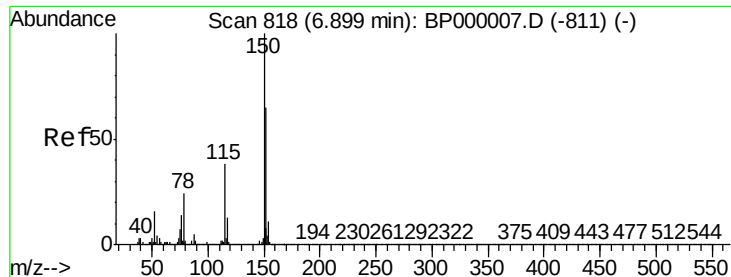
Instrument :
BNA_P
ClientSampled :
TP-20-S

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration





#1

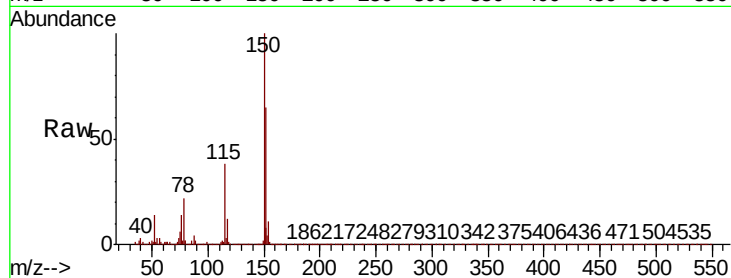
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :
TP-20-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.6
115	57.9	46.7	70.1

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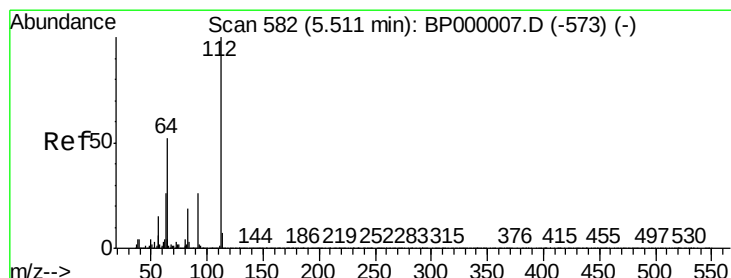
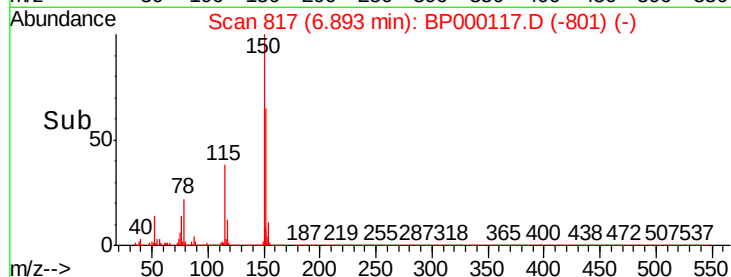
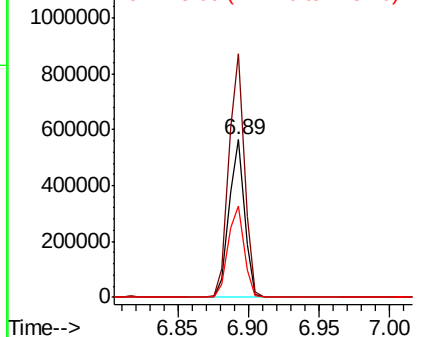


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

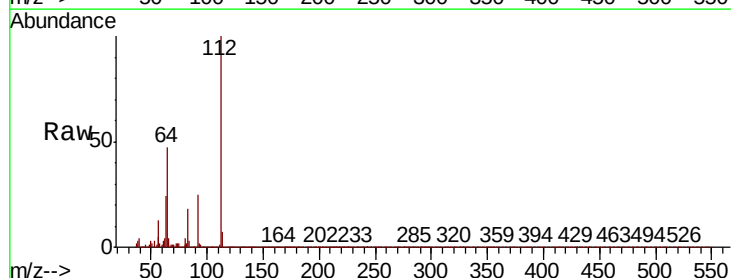
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.333 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.1	41.8	62.8
63	23.9	21.0	31.4

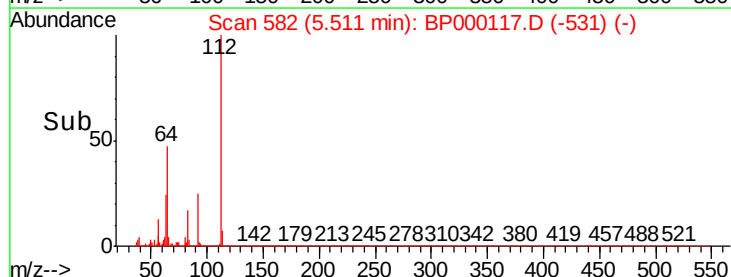
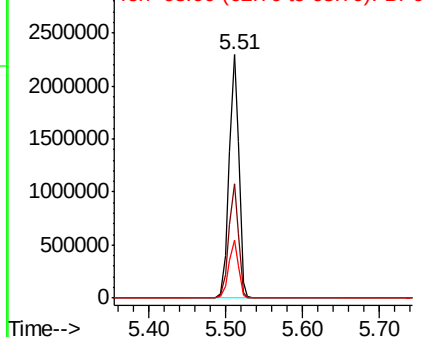


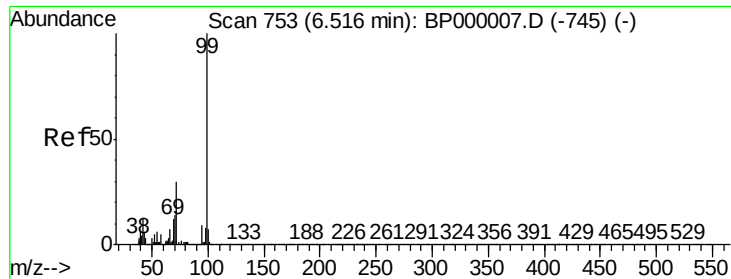
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 78.303 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000117.D

Acq: 09 Sep 2019 02:46

Instrument :

BNA_P

ClientSampleId :

TP-20-S

Tot Ion: 99 Resp: 2647461

Ion	Ratio	Lower	Upper
99	100		
42	10.9	9.8	14.8
71	28.9	23.8	35.8

99 100

42 10.9 9.8 14.8

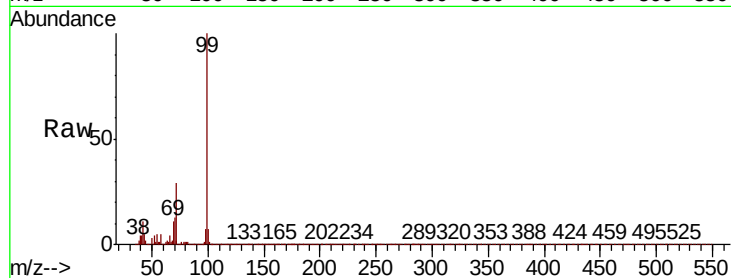
71 28.9 23.8 35.8

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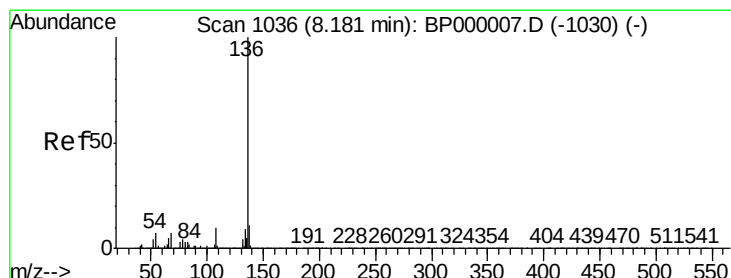
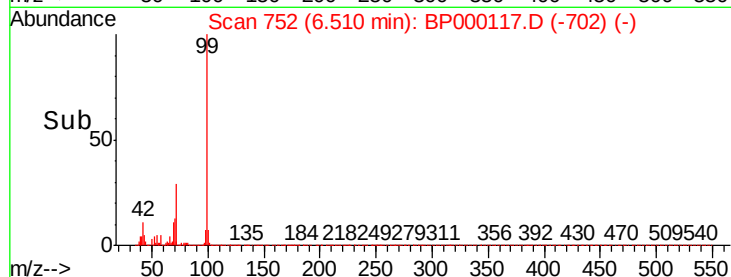
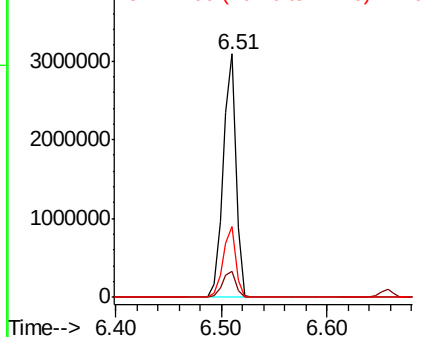


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BP000117.D

Acq: 09 Sep 2019 02:46

Tgt Ion: 136 Resp: 1601191

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.9	5.4	8.2
68	6.9	5.4	8.0

136 100

137 11.1 8.6 13.0

54 6.9 5.4 8.2

68 6.9 5.4 8.0

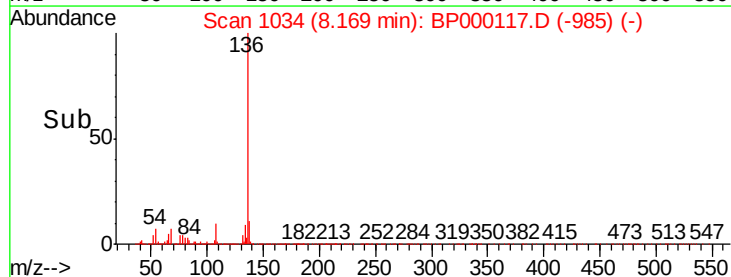
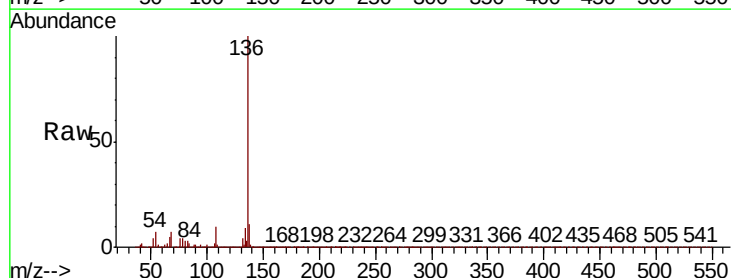
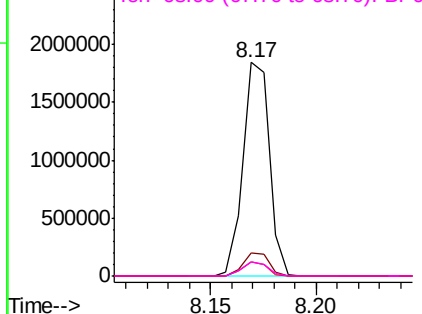
Abundance

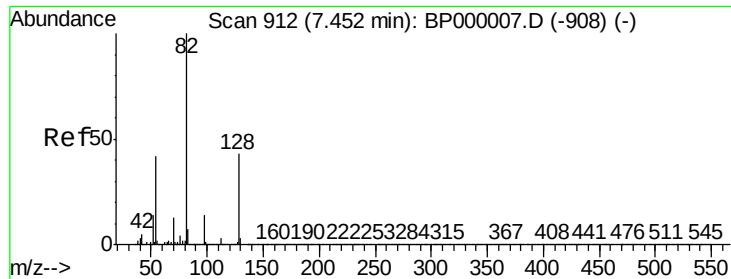
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0





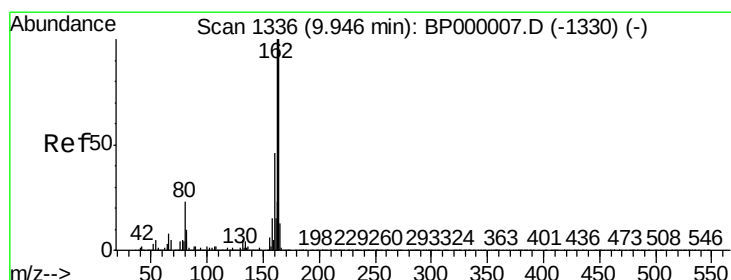
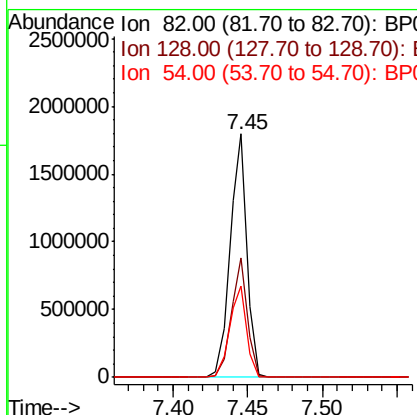
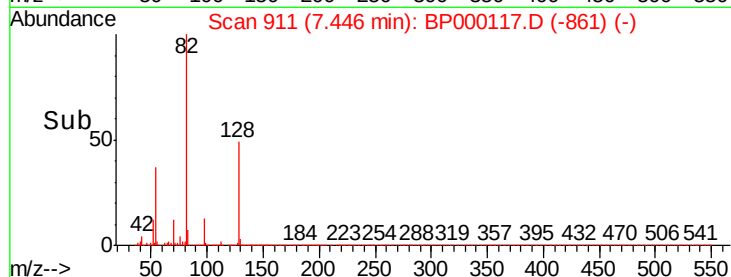
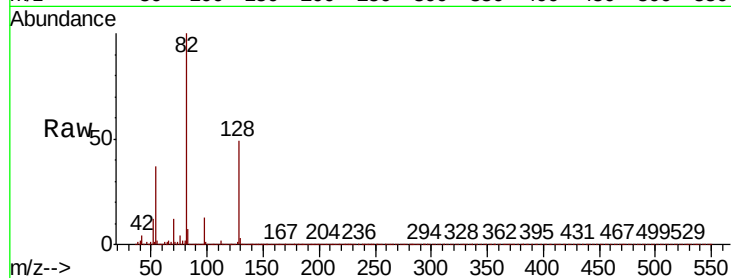
#23
Nitrobenzene-d5
Concen: 54.999 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :
TP-20-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.5	51.7
54	37.3	33.2	49.8

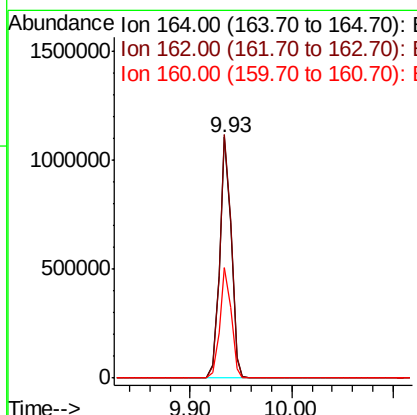
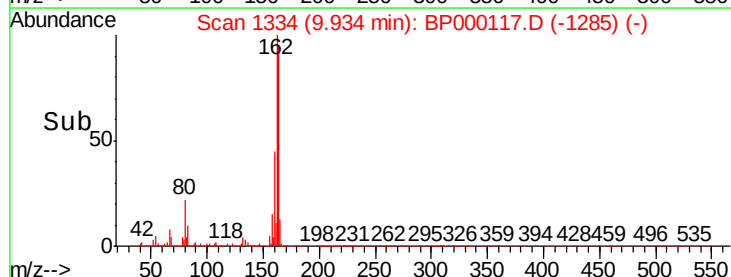
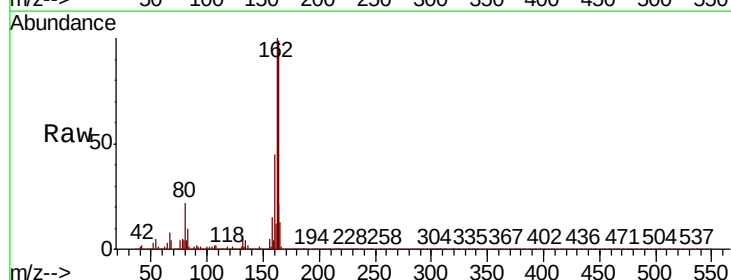
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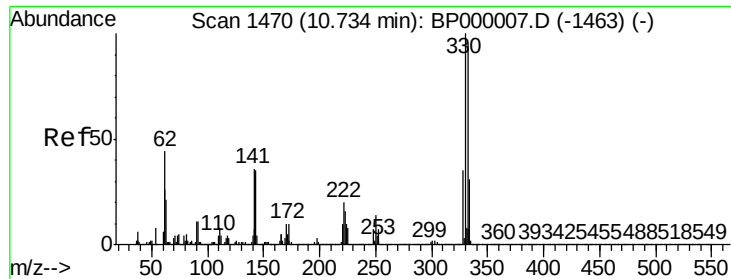
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.4
160	45.7	36.6	55.0





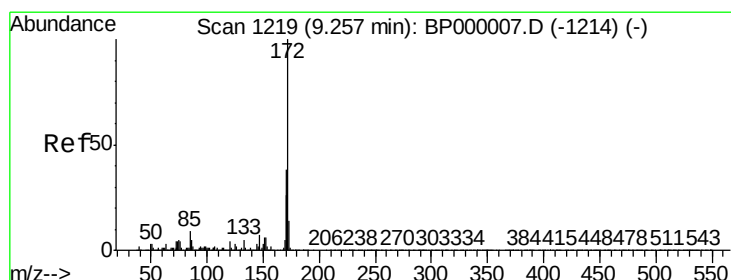
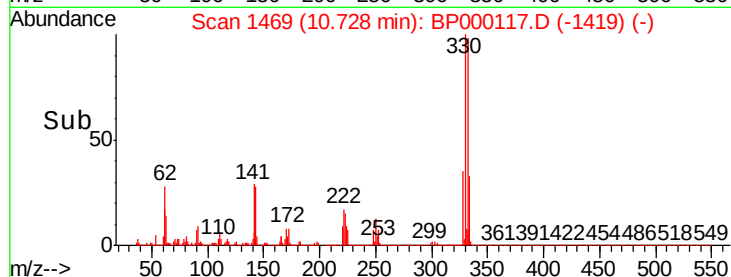
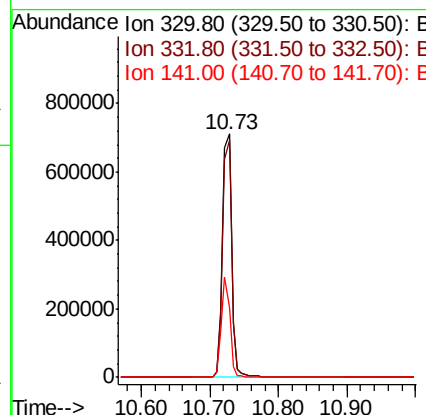
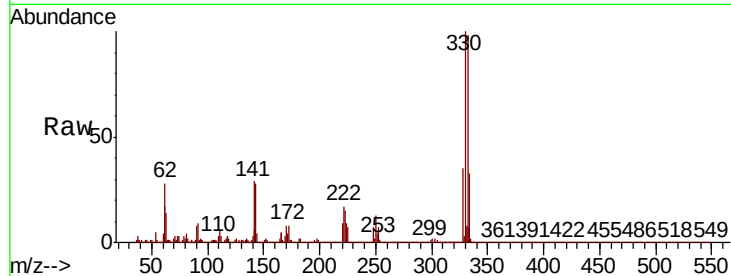
#42
2,4,6-Tribromophenol
Concen: 88.413 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :
TP-20-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	648383		
332	95.4	76.8	115.2	
141	38.3	33.6	50.4	

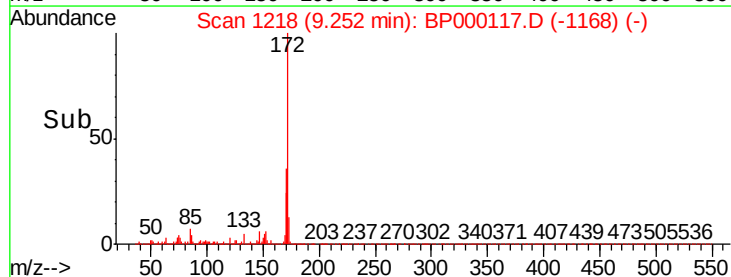
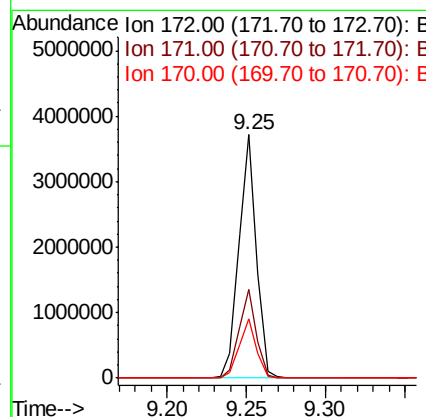
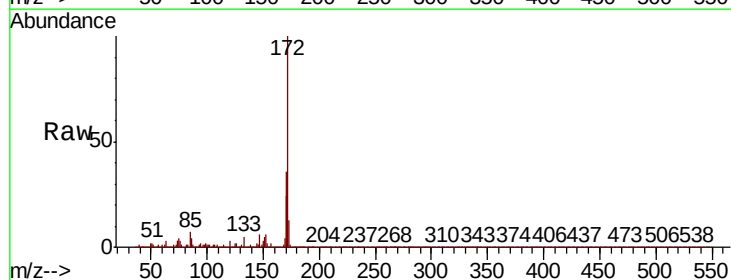
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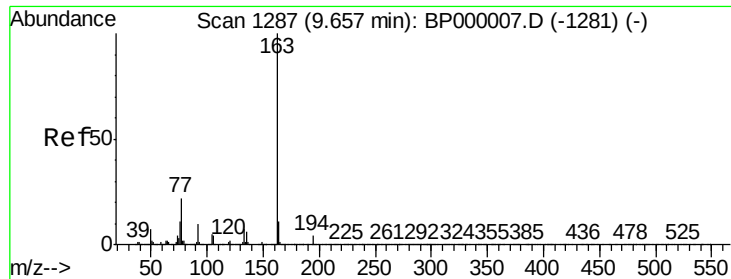
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#45
2-Fluorobiphenyl
Concen: 54.790 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2854489		
171	36.3	30.7	46.1	
170	24.3	20.7	31.1	





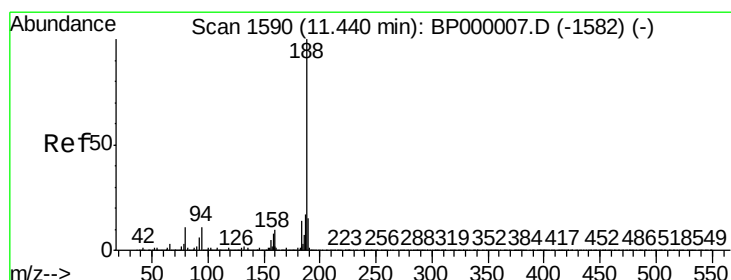
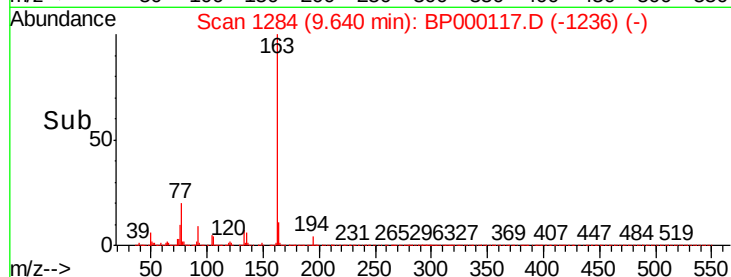
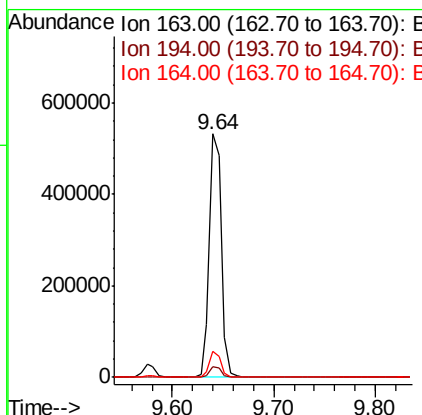
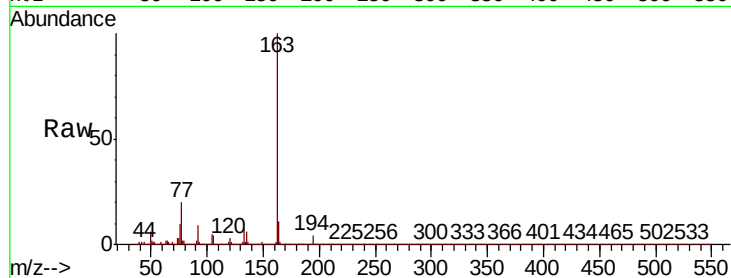
#50
Dimethylphthalate
Concen: 7.432 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :
TP-20-S

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.5	8.4	12.6

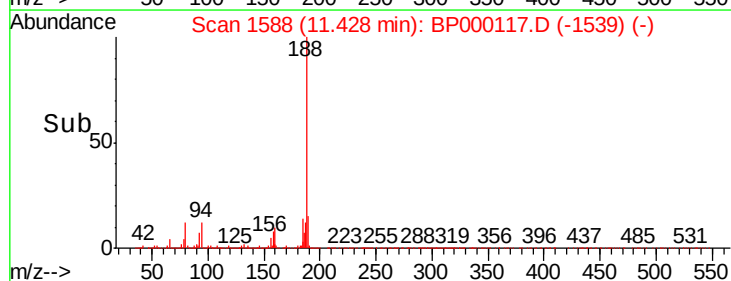
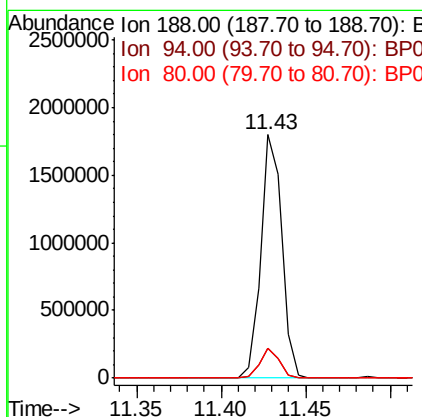
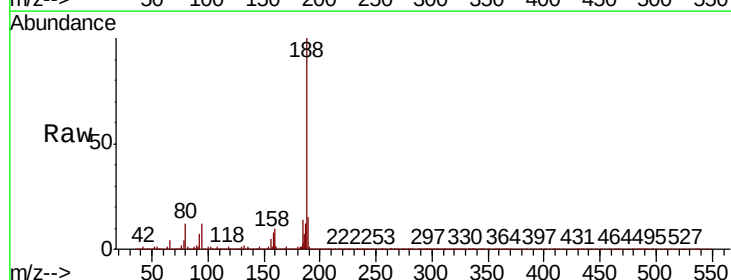
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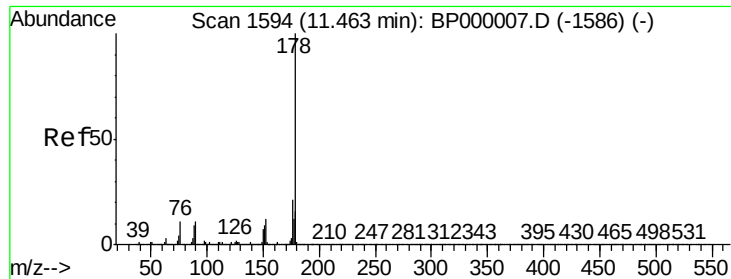
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.8	13.2
80	12.4	9.0	13.6





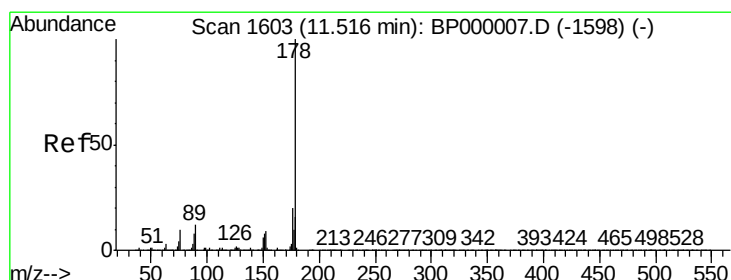
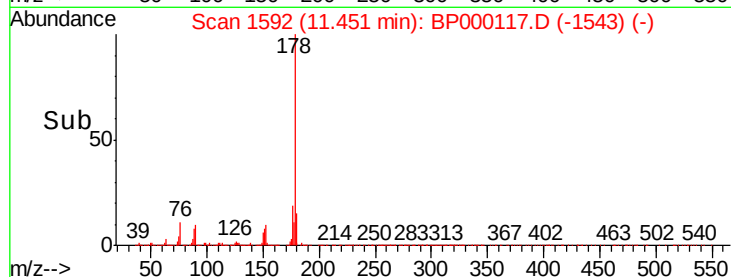
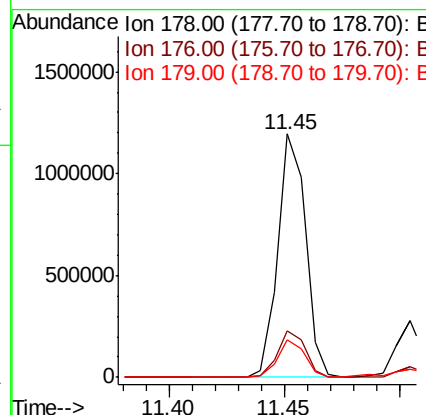
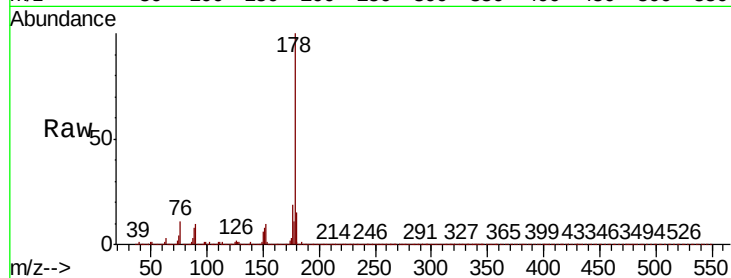
#71
Phenanthrene
Concen: 12.833 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :
TP-20-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.7	25.1
179	15.4	13.1	19.7

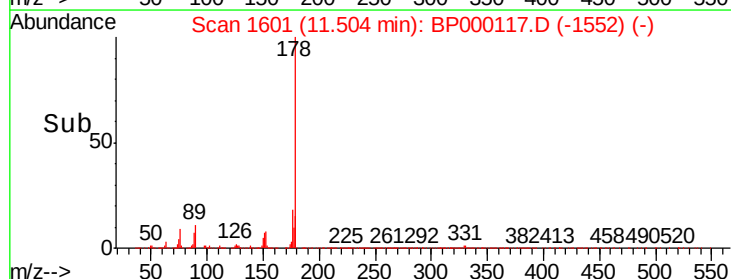
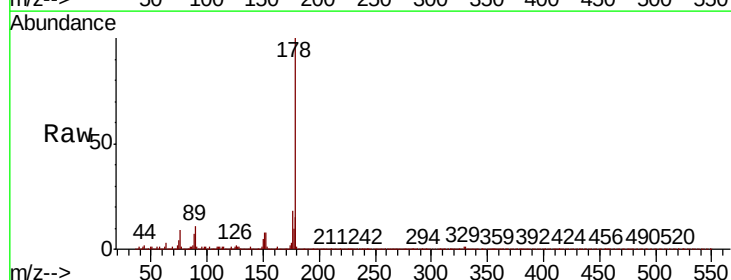
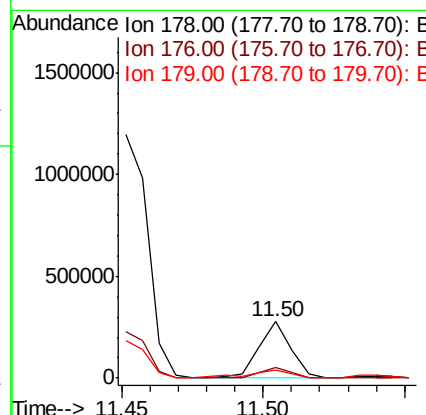
Manual Integrations
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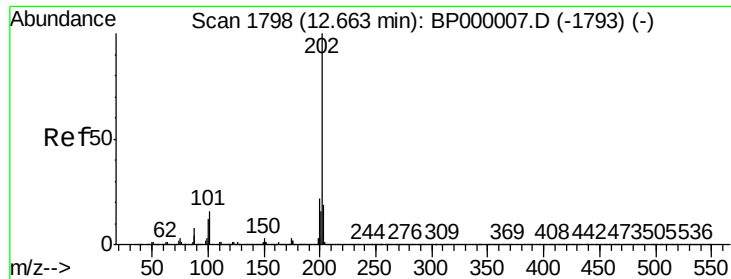
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#72
Anthracene
Concen: 2.741 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	15.4	13.0	19.6





#75

Fluoranthene

Concen: 16.304 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BP000117.D

Acq: 09 Sep 2019 02:46

Instrument :

BNA_P

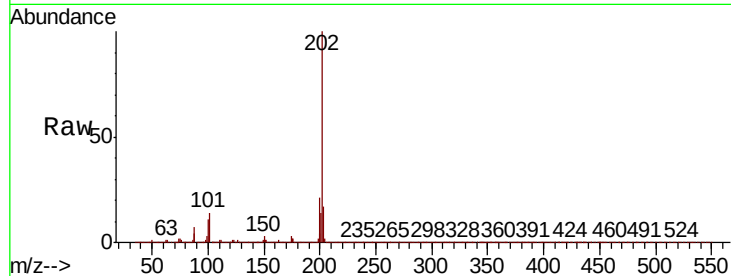
ClientSampleId :

TP-20-S

Tot Ion:	202	Resp:	1374634
Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	36.4
203	17.2	0.0	38.7

Manual Integrations
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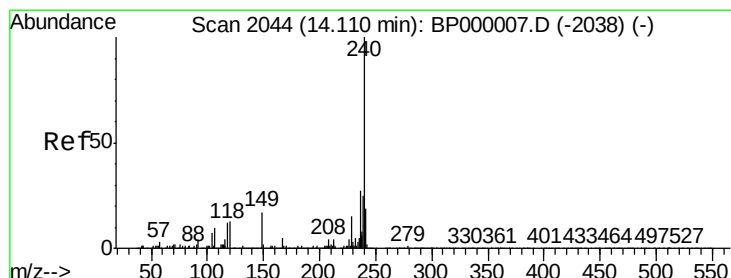
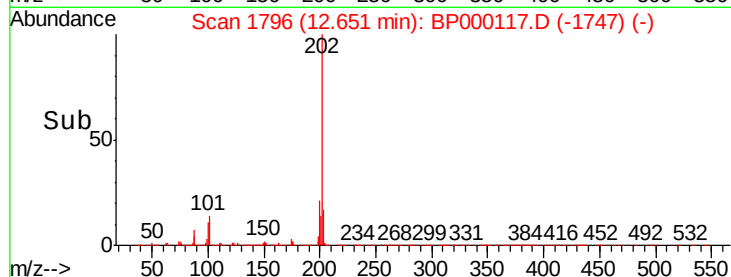
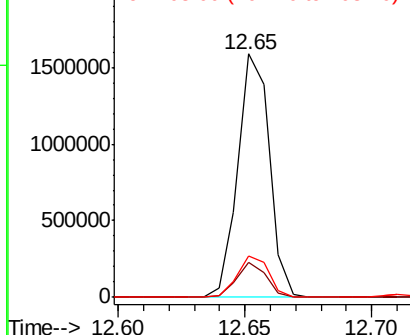


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

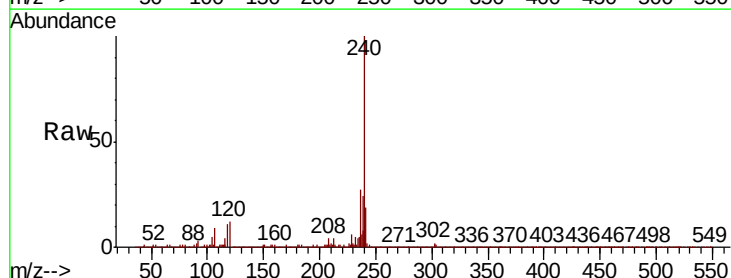
RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BP000117.D

Acq: 09 Sep 2019 02:46

Tgt Ion:	240	Resp:	1294318
Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.5	15.7
236	27.3	21.5	32.3

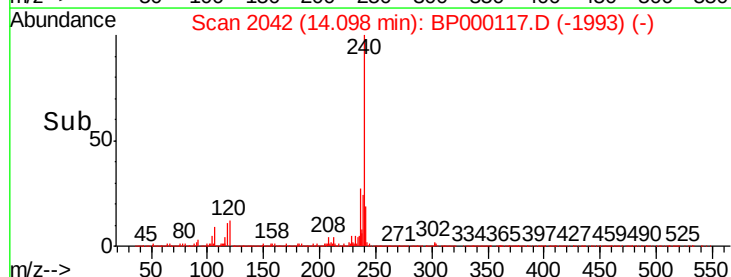
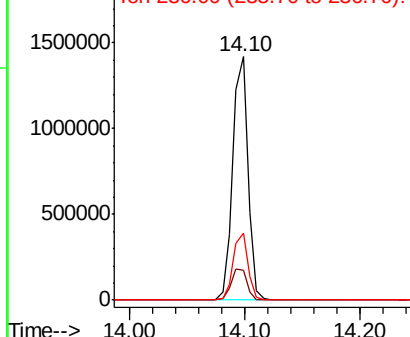


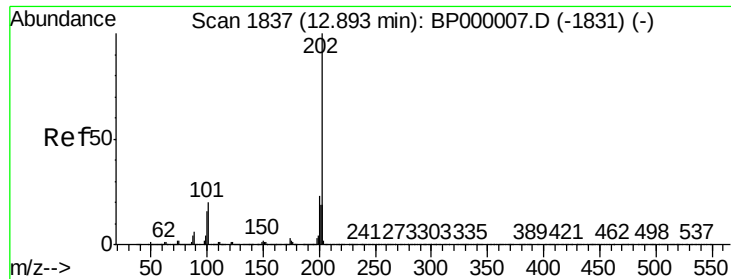
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





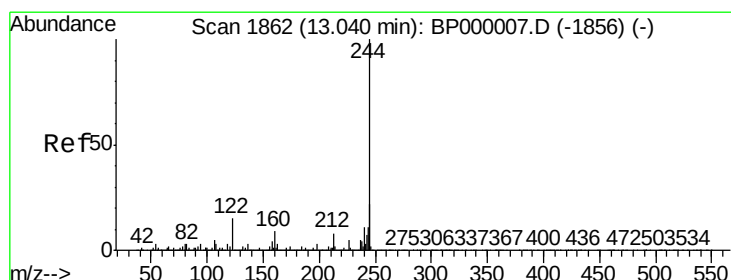
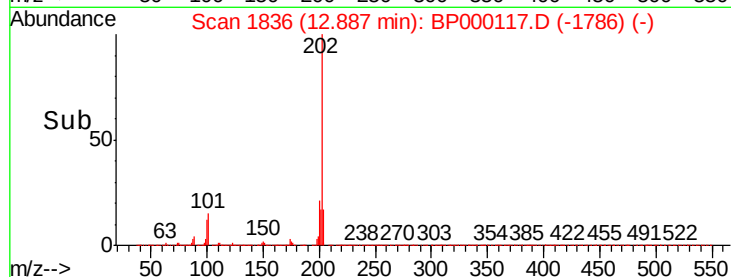
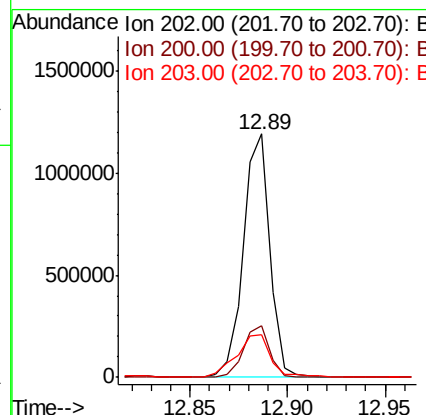
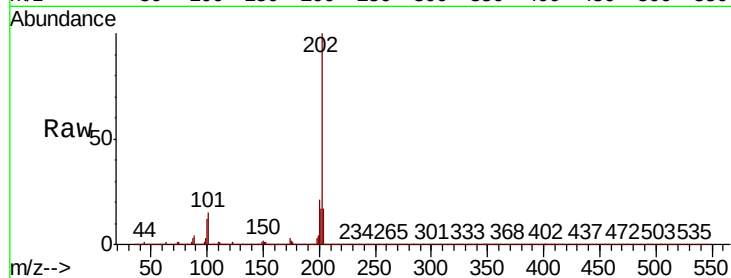
#78
Pvrene
Concen: 11.732 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :
TP-20-S

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.5	27.7
203	17.3	15.1	22.7

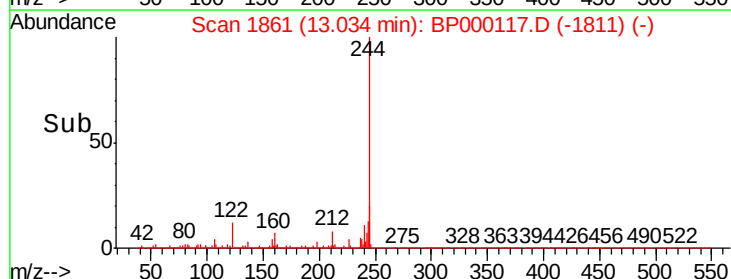
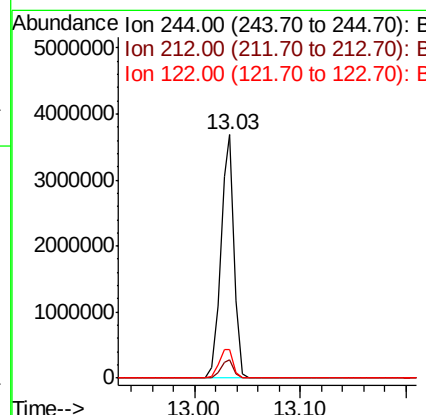
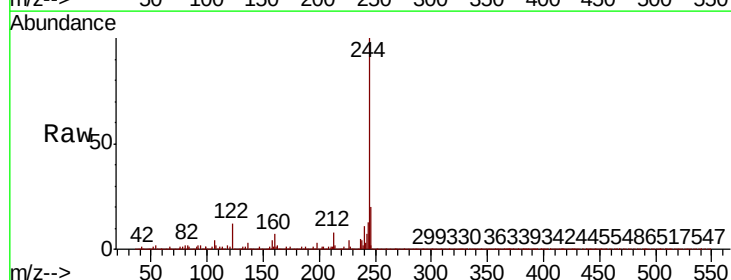
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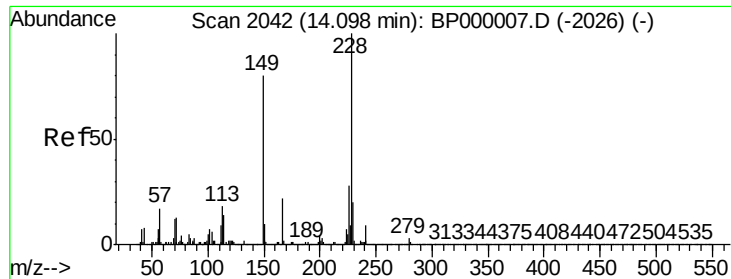
mohammad
9/10/2019 2:51:19 PM



#79
Terphenyl-d14
Concen: 55.114 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	10.0
122	11.5	12.3	18.5





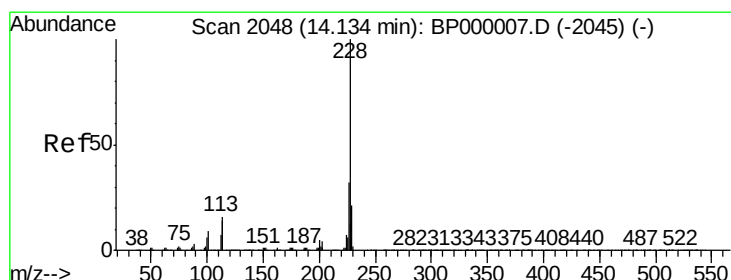
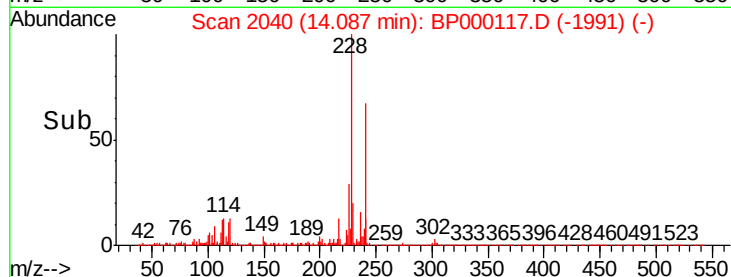
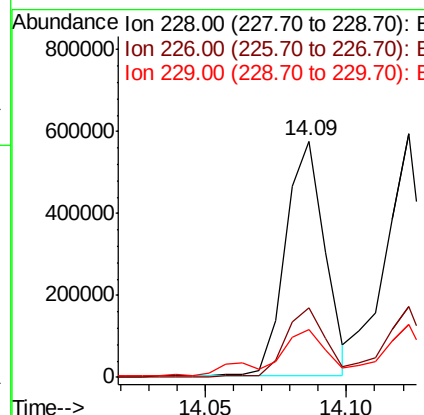
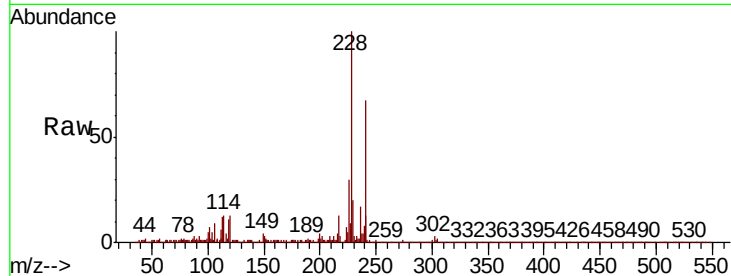
#81
Benzo(a)anthracene
Concen: 6.623 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :
TP-20-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.5	33.7
229	20.3	16.2	24.2

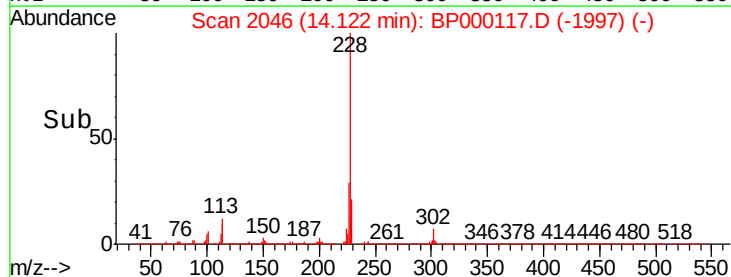
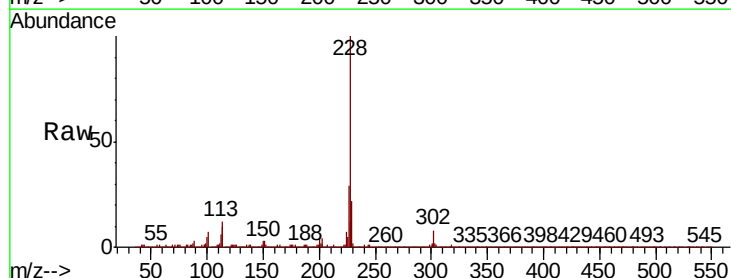
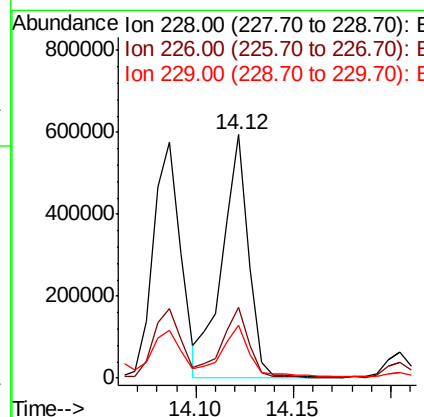
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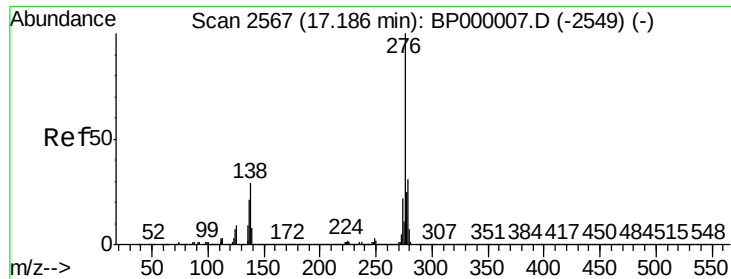
mohammad
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#83
Chrysene
Concen: 6.914 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.5	38.3
229	21.7	16.5	24.7





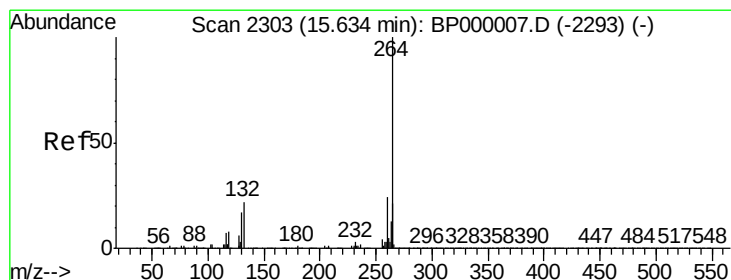
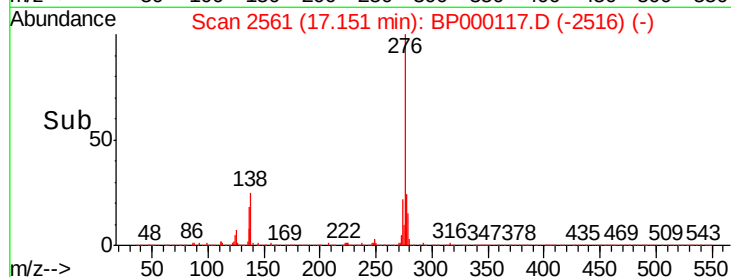
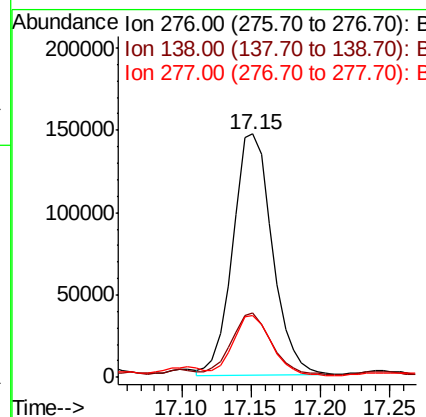
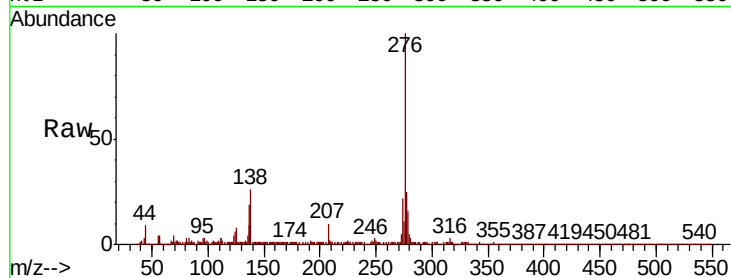
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.906 ng/ml
 RT: 17.15 min Scan# 2561
 Delta R.T. -0.04 min
 Lab File: BP000117.D
 Acq: 09 Sep 2019 02:46

Instrument :
 BNA_P
 ClientSampleId :
 TP-20-S

Tot Ion	Ratio	Resp	Lower	Upper
276	100	288925		
138	5.2	26.5	39.7	#
277	4.5	20.3	30.5	#

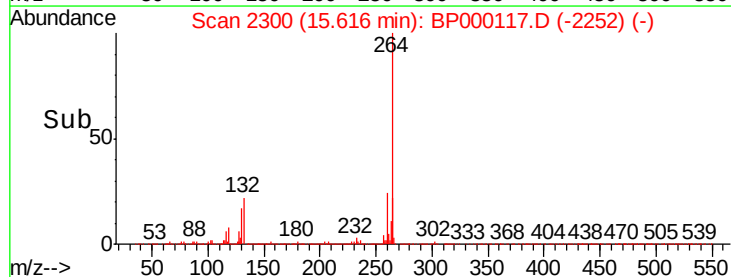
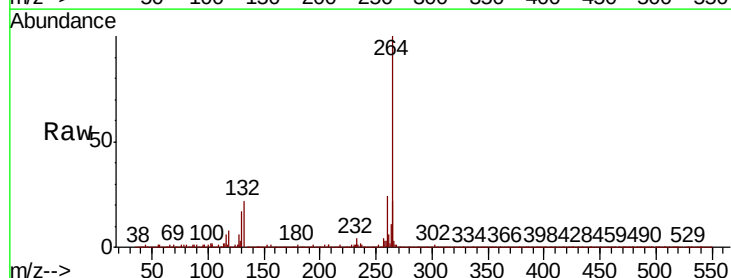
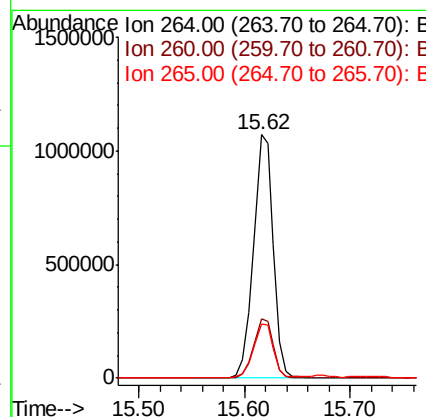
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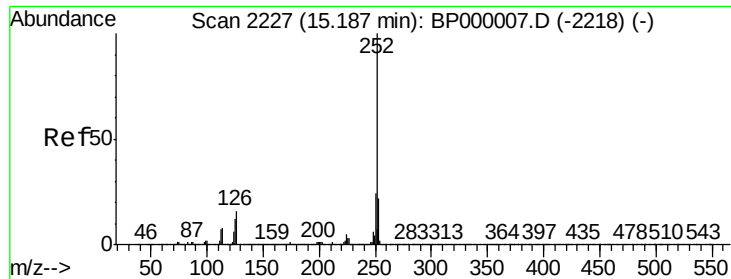
mohammad
 9/10/2019 2:51:19 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BP000117.D
 Acq: 09 Sep 2019 02:46

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	1405305		
260	24.1	19.1	28.7	
265	22.3	17.1	25.7	





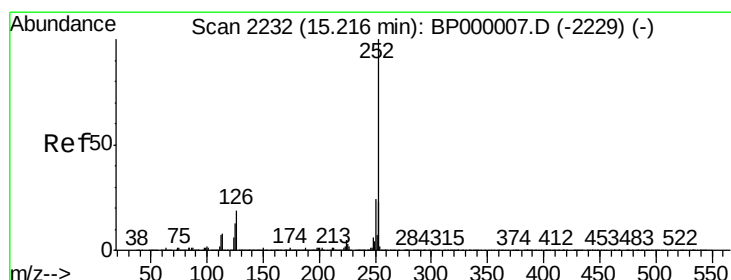
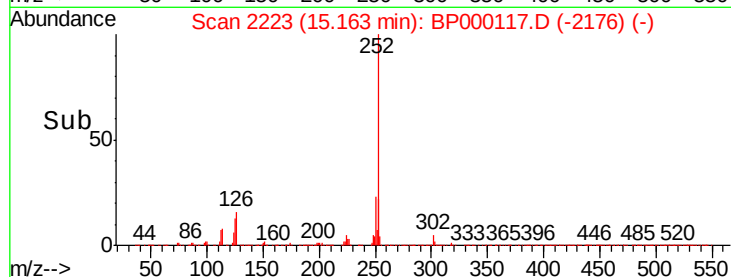
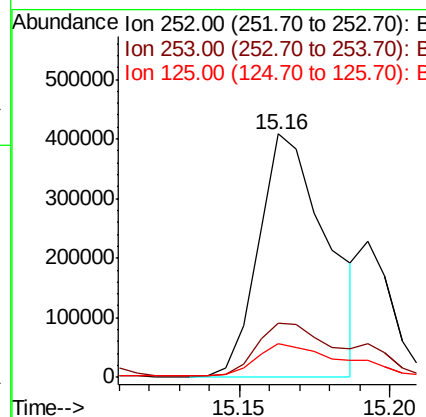
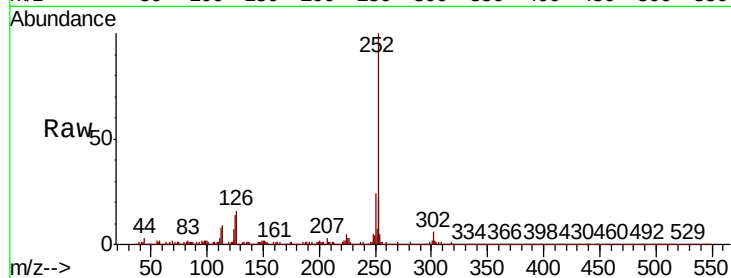
#88
Benzo(b)fluoranthene
Concen: 7.513 ng m
RT: 15.16 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :
TP-20-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	13.8	9.4	14.2

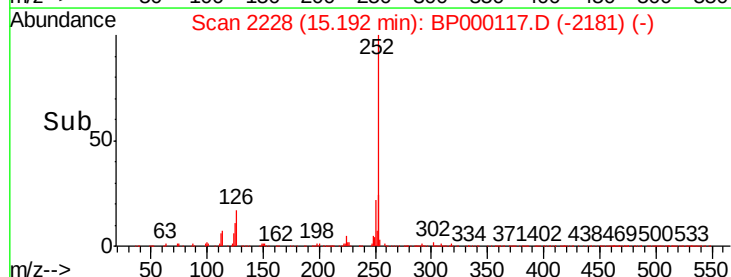
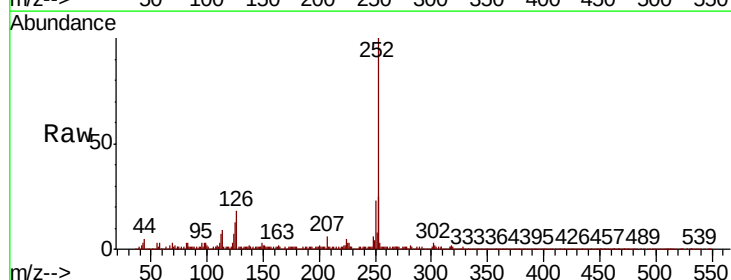
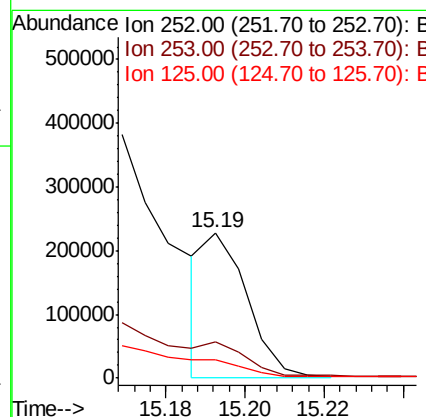
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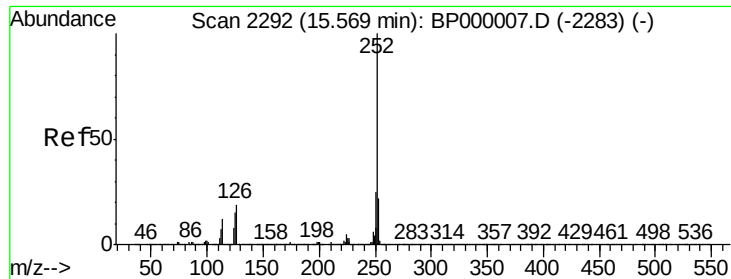
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.165 ng m
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	12.7	10.3	15.5





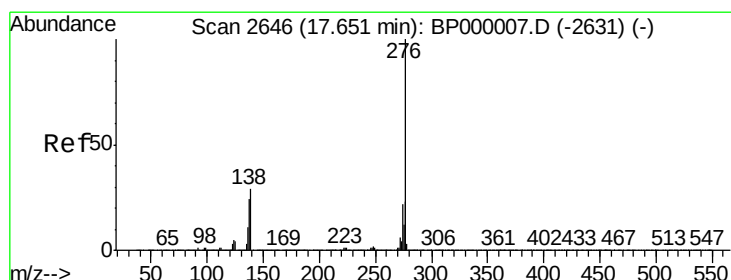
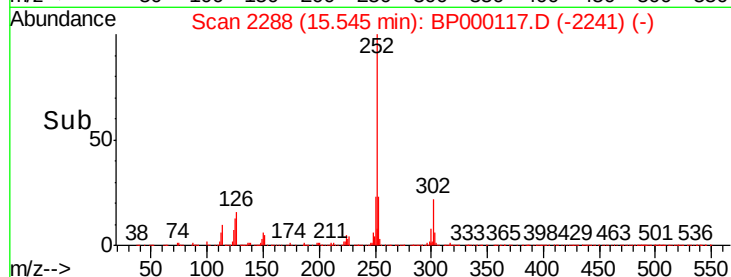
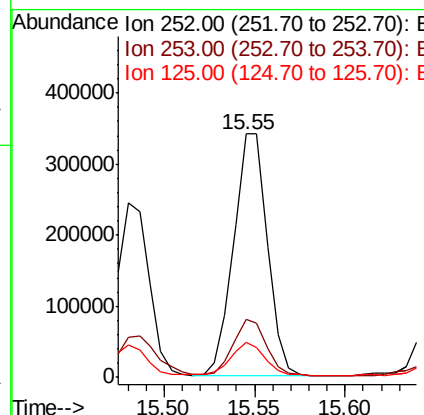
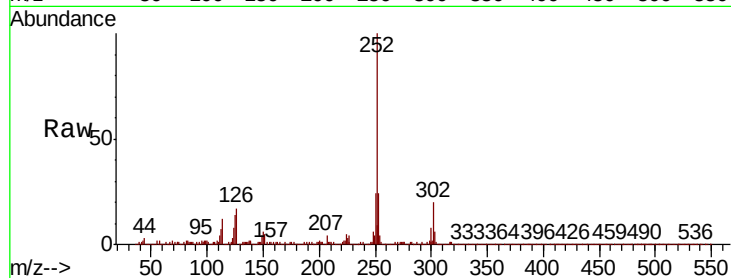
#90
Benzo(a)pyrene
Concen: 5.712 ng
RT: 15.55 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :
TP-20-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	14.4	11.7	17.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.595 ng
RT: 17.62 min Scan# 2640
Delta R.T. -0.04 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	26.5	23.0	34.4

