

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000692.D
 Acq On : 13 Oct 2019 01:13
 Operator : JU
 Sample : K5348-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190825-COMPOSITE-A

Manual Integrations
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Quant Time: Oct 14 08:25:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	228914	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	829364	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	442999	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	796598	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	664450	20.00	ng	-0.01
87) Perylene-d12	15.45	264	771453	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	187221	13.15	ng	-0.02
7) Phenol-d6	6.39	99	1331307	77.58	ng	-0.02
23) Nitrobenzene-d5	7.31	82	879427	64.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	14472	3.07	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1476471	53.93	ng	-0.02
79) Terphenyl-d14	12.90	244	1663247	50.68	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.29	77	43654	4.884	ng	98
10) Phenol	6.40	94	76853	4.374	ng	90
50) Dimethylphthalate	9.51	163	343152	11.148	ng	99
71) Phenanthrene	11.32	178	124841	3.120	ng	99
72) Anthracene	11.37	178	90901	2.292	ng	100
75) Fluoranthene	12.52	202	422056	9.393	ng	99
78) Pyrene	12.75	202	429333	9.369	ng	99
81) Benzo(a)anthracene	13.96	228	256099m	6.317	ng	
83) Chrysene	13.99	228	244329	6.140	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	132021	5.257	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	170065	3.422	ng	97
88) Benzo(b)fluoranthene	15.02	252	354254m	8.094	ng	
89) Benzo(k)fluoranthene	15.04	252	102838m	2.468	ng	
90) Benzo(a)pyrene	15.38	252	284275	6.968	ng	96
92) Benzo(a,h,i)perylene	17.34	276	178144	4.431	ng	99

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

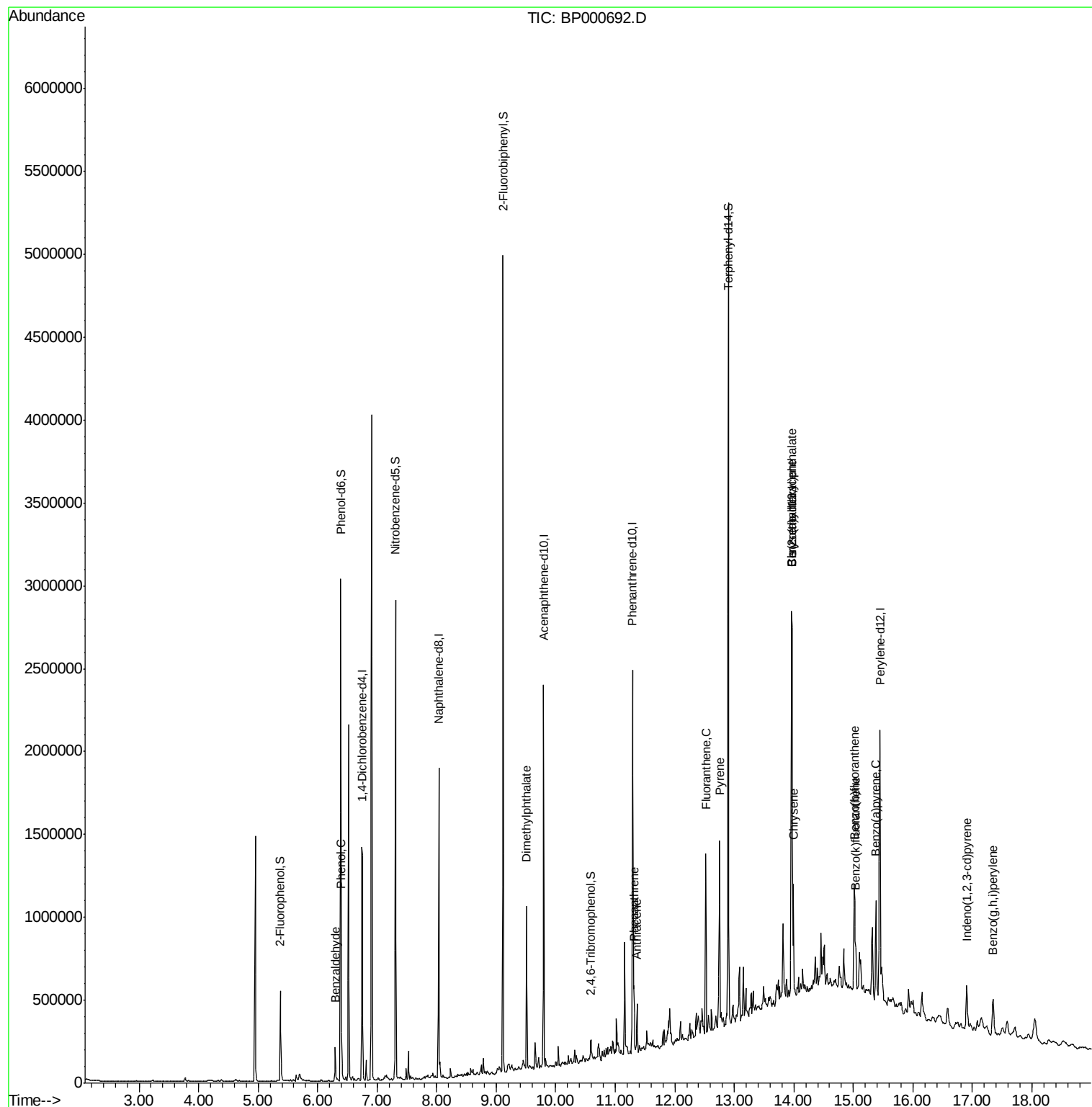
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000692.D
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ALS Vial : 21 Sample Multiplier: 1

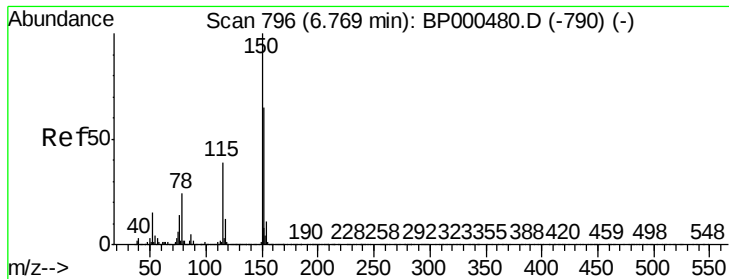
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

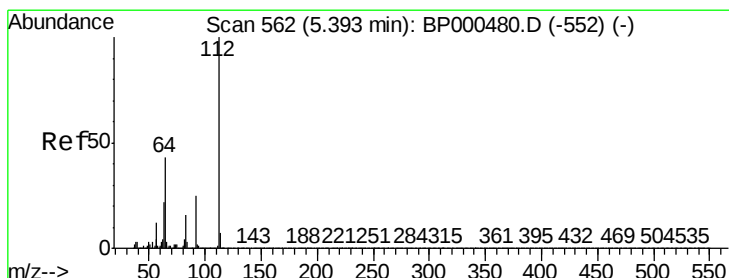
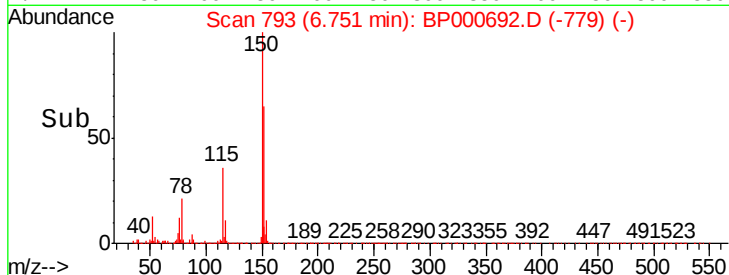
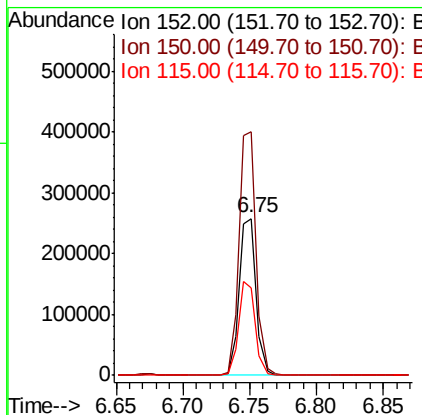
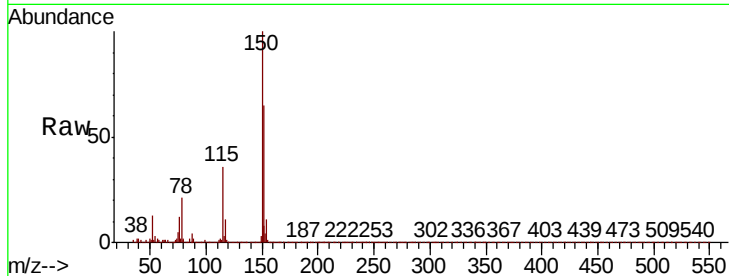
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.1	186.1
115	55.7	48.7	73.1

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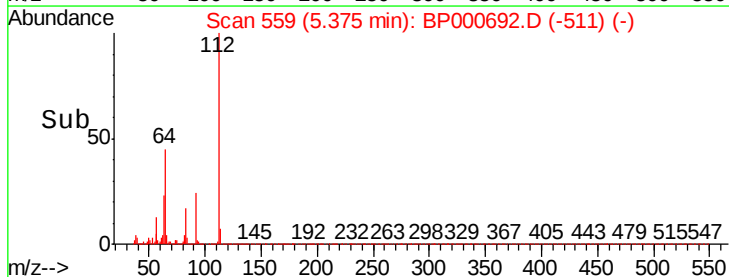
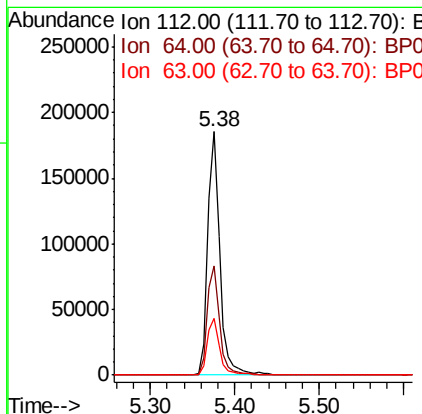
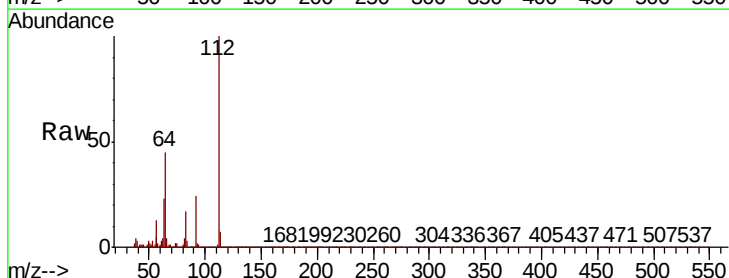
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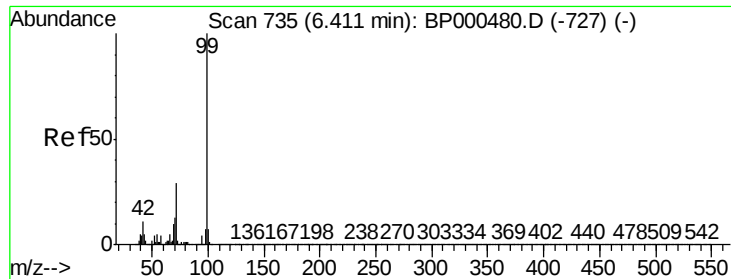


#5

2-Fluorophenol
Concen: 13.147 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.6	34.2	51.4
63	23.1	17.9	26.9





#7

Phenol-d6

Concen: 77.578 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000692.D

Acq: 13 Oct 2019 01:13

Instrument :

BNA_P

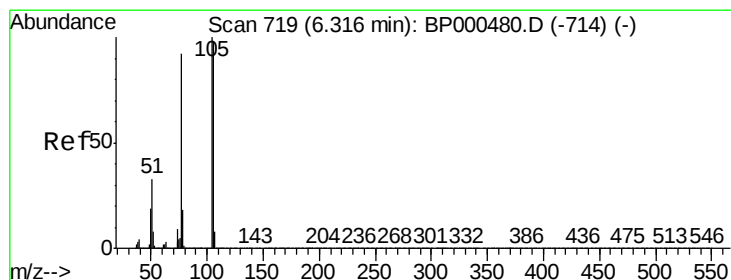
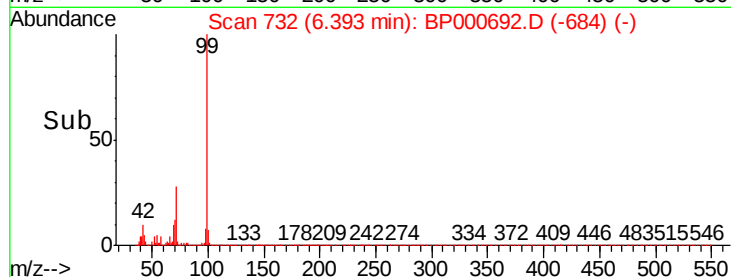
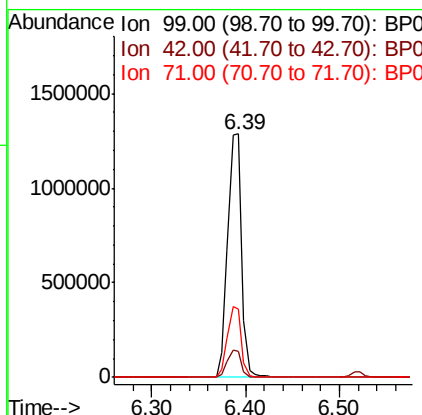
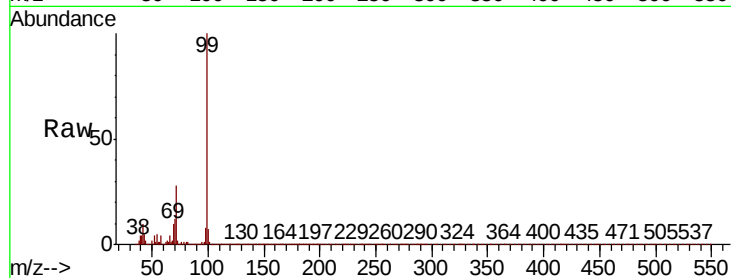
ClientSampleId :

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Tot Ion:	99	Resp:	1331307
Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.6	12.8
71	28.1	23.0	34.4

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#9

Benzaldehyde

Concen: 4.884 ng

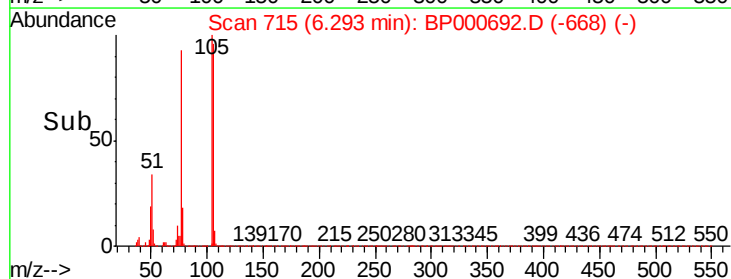
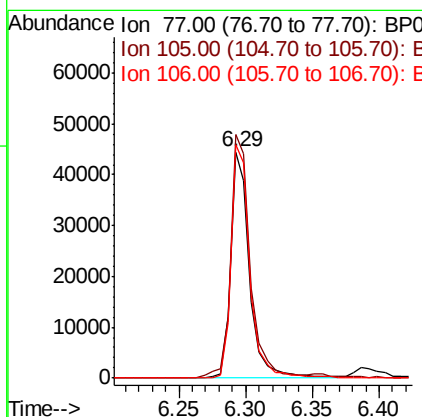
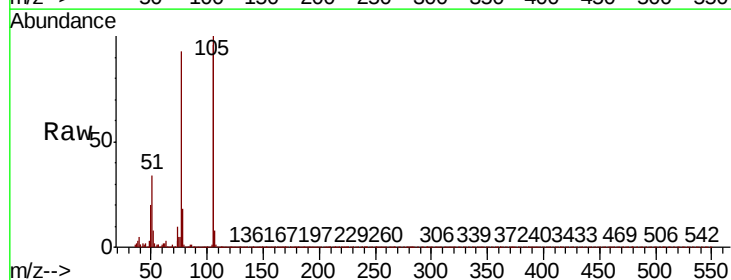
RT: 6.29 min Scan# 715

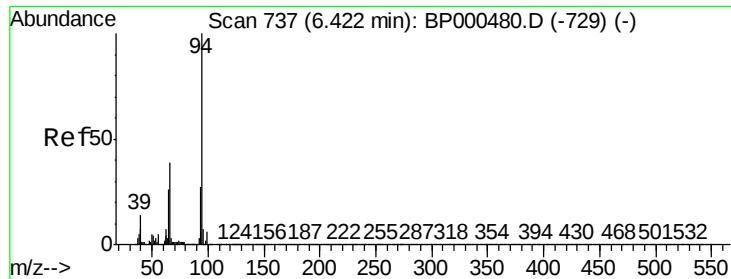
Delta R.T. -0.02 min

Lab File: BP000692.D

Acq: 13 Oct 2019 01:13

Tgt Ion:	77	Resp:	43654
Ion	Ratio	Lower	Upper
77	100		
105	107.6	88.3	128.3
106	103.1	85.7	125.7





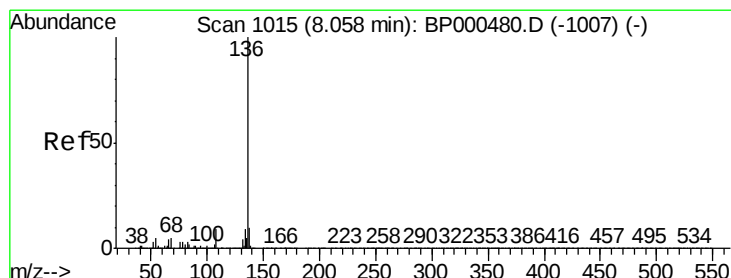
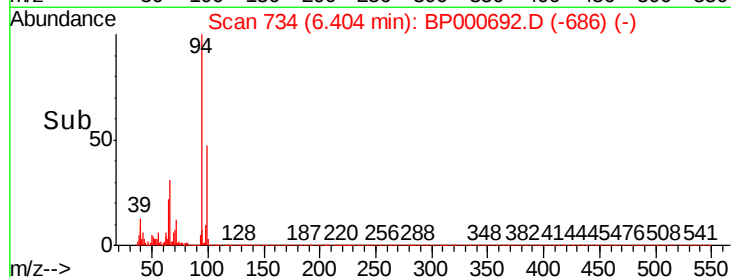
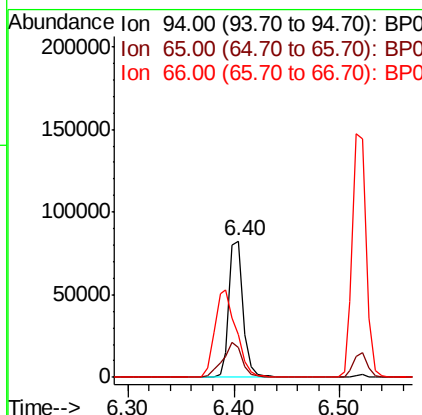
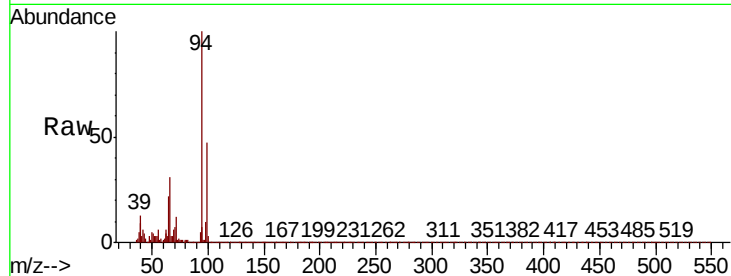
#10
Phenol
Concen: 4.374 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	21.8	5.9	45.9		
66	31.5	18.8	58.8		

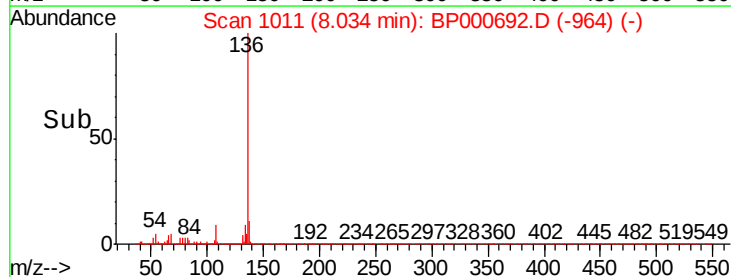
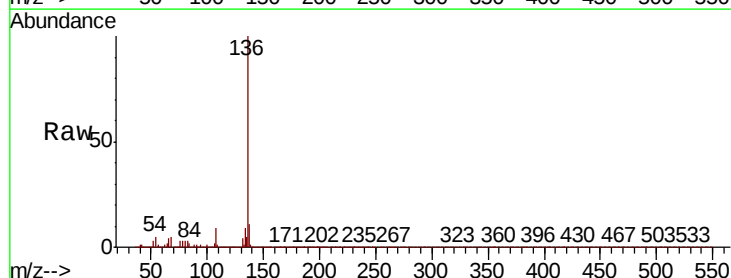
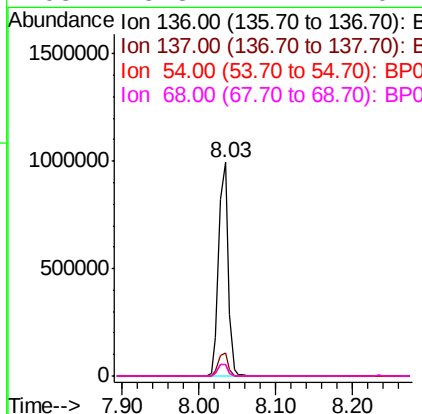
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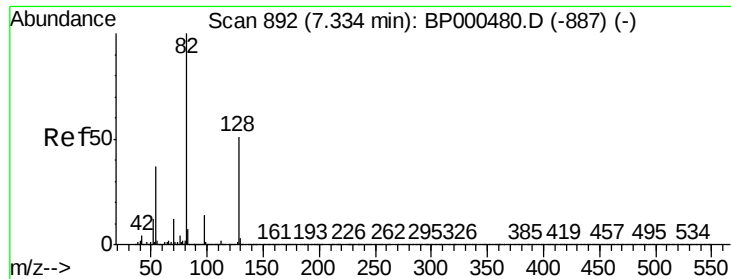
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.8	8.2	12.4		
54	5.2	4.1	6.1		
68	5.3	4.1	6.1		





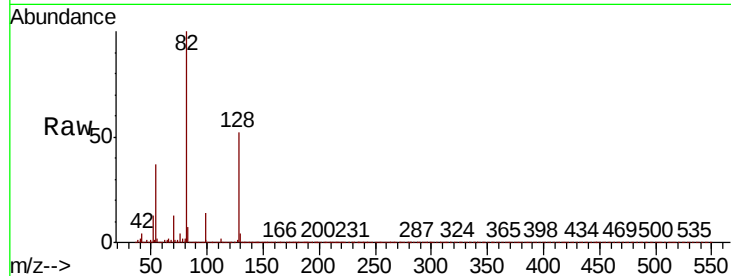
#23
Nitrobenzene-d5
Concen: 64.762 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

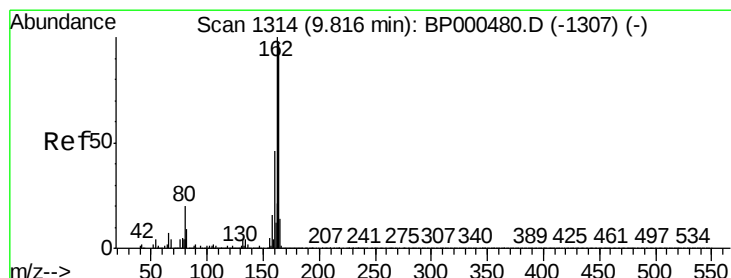
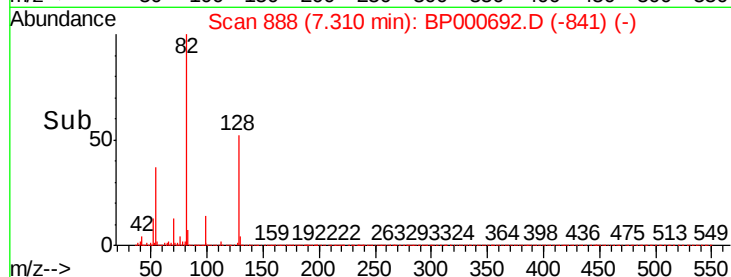
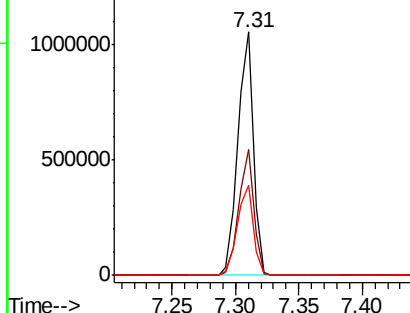
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.6	40.9	61.3
54	37.0	29.4	44.2

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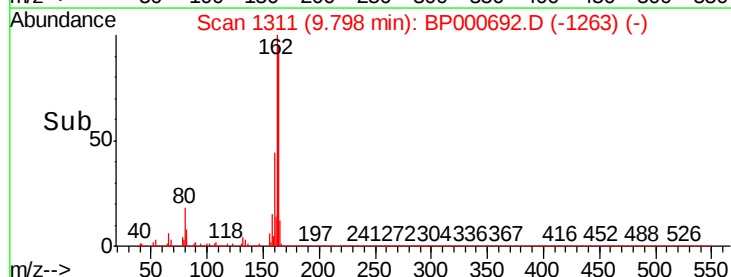
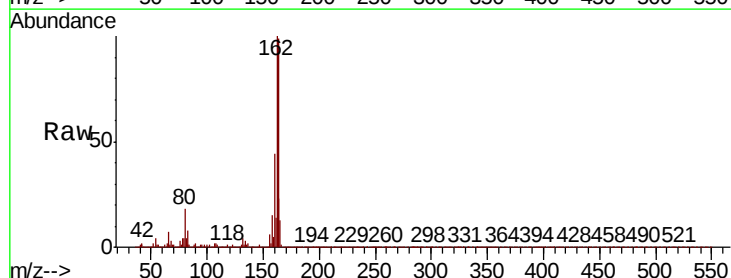
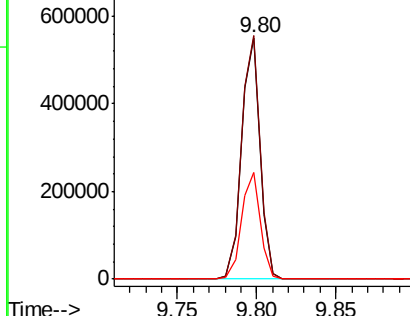
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Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

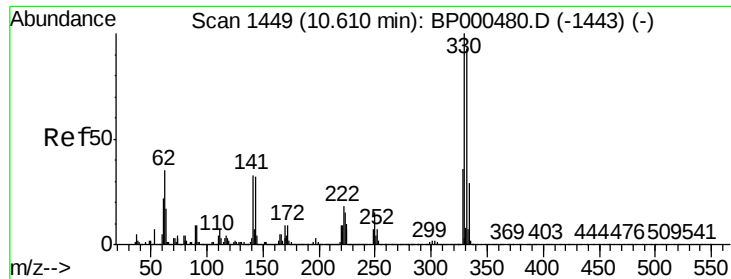


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	44.4	37.6	56.4

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





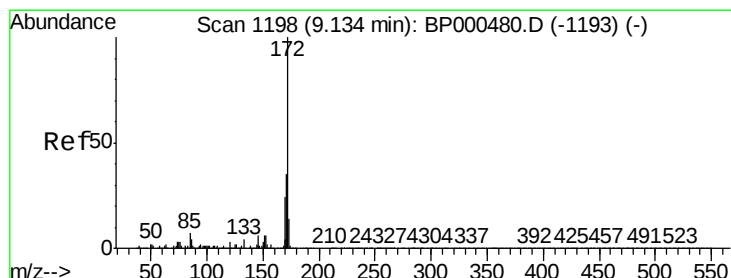
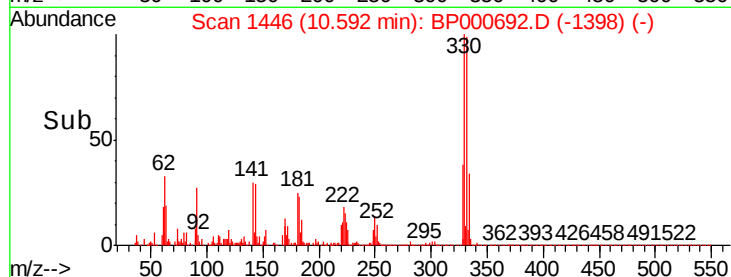
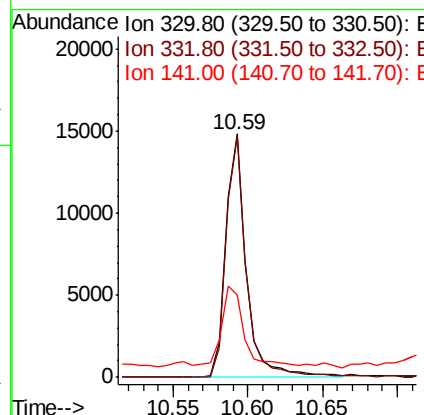
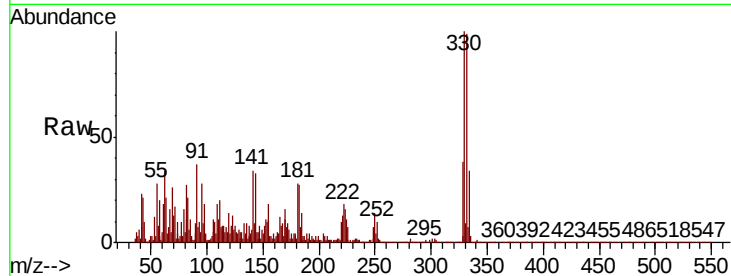
#42
2,4,6-Tribromophenol
Concen: 3.066 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.1	115.7
141	35.3	26.0	39.0

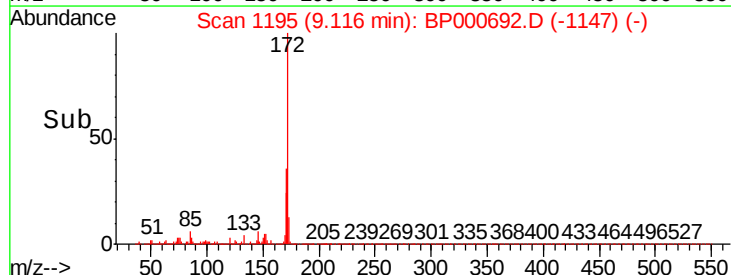
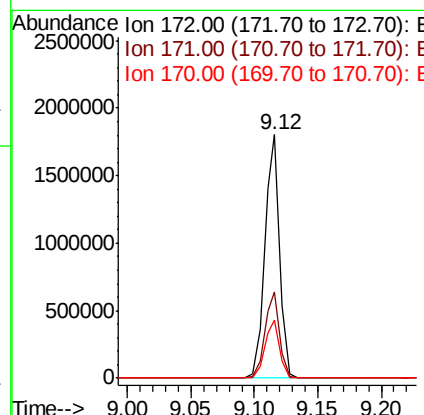
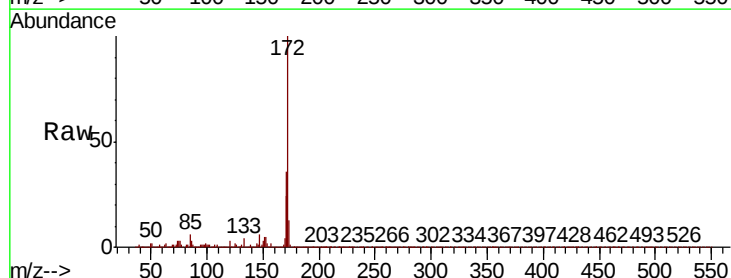
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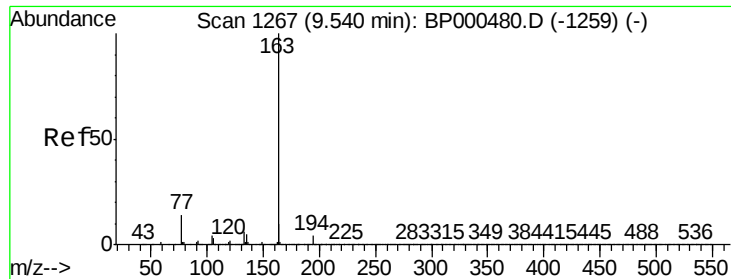
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#45
2-Fluorobiphenyl
Concen: 53.926 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.6	19.1	28.7





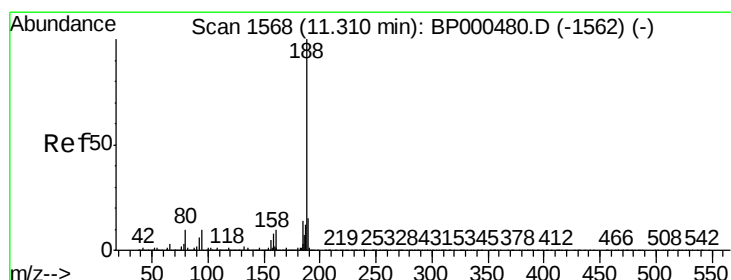
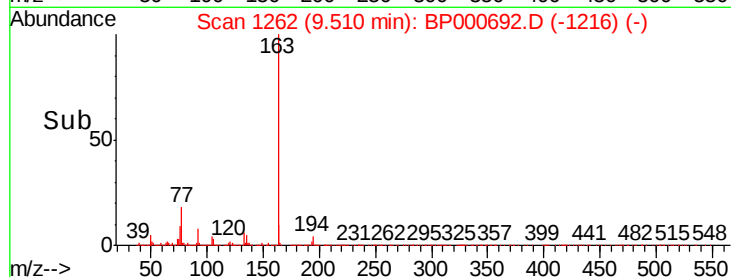
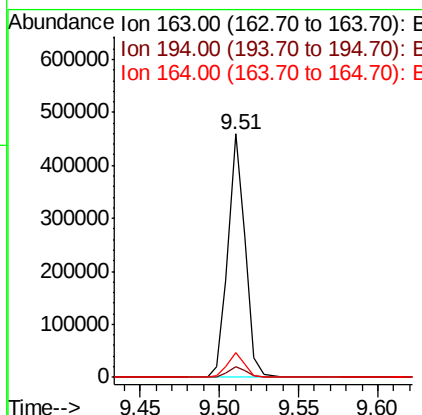
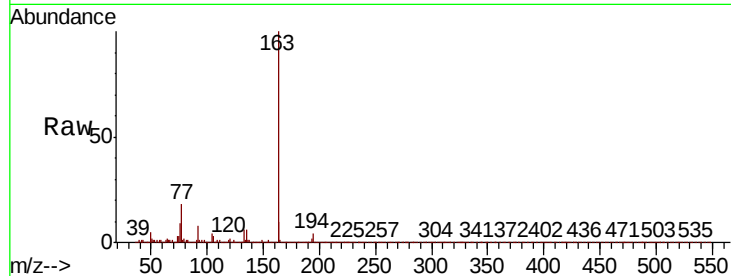
#50
Dimethylphthalate
Concen: 11.148 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	343152		
194	4.3	3.4	5.2	
164	10.4	8.0	12.0	

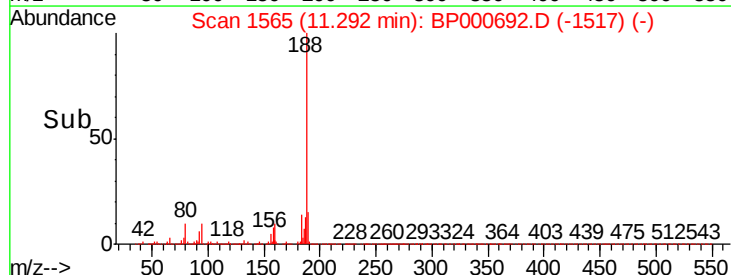
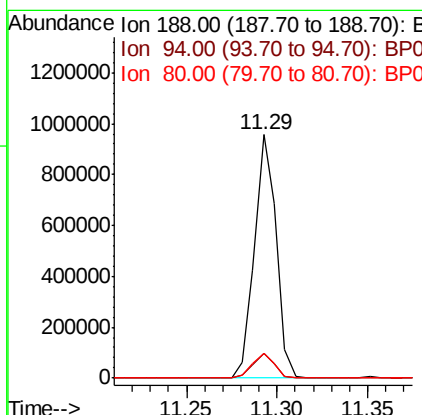
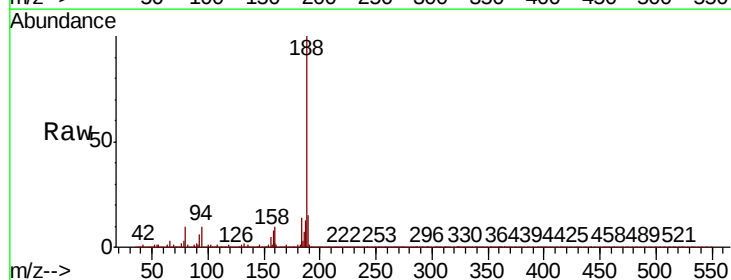
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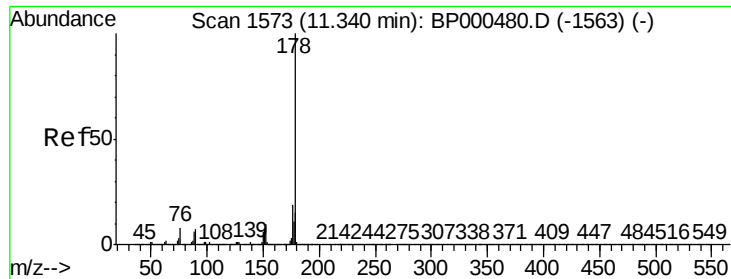
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	796598		
94	10.2	8.2	12.2	
80	10.4	8.3	12.5	





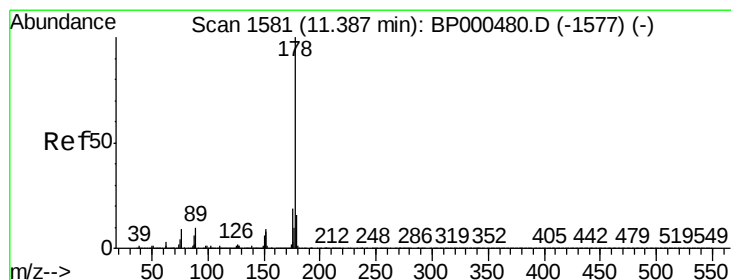
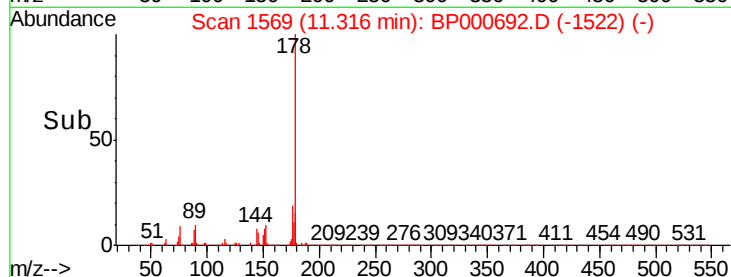
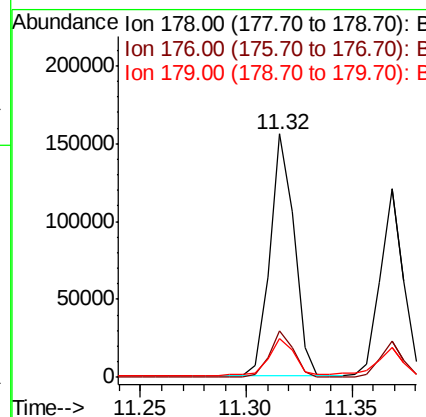
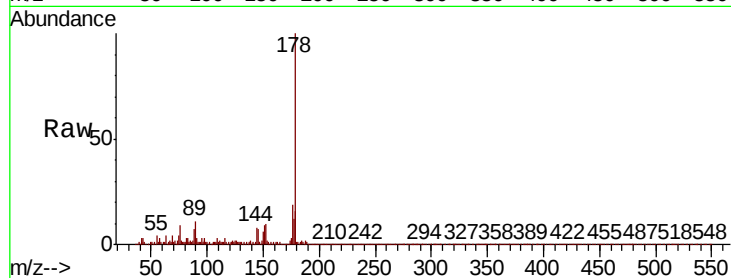
#71
Phenanthrene
Concen: 3.120 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.0	12.2	18.4

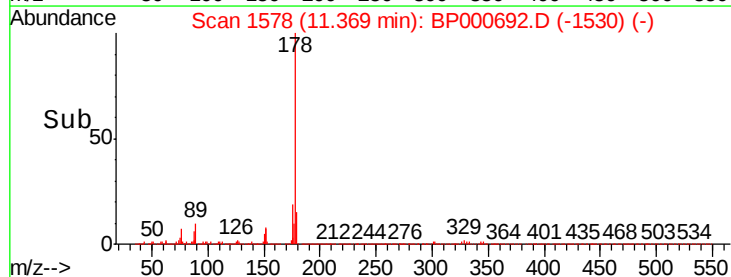
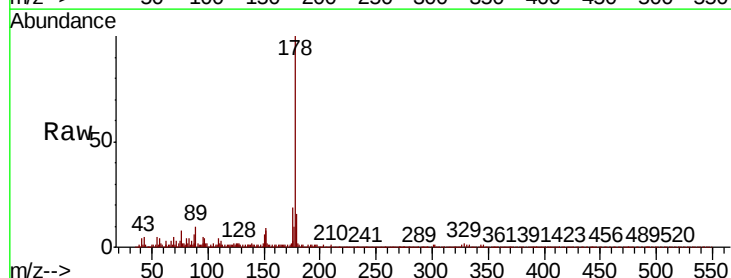
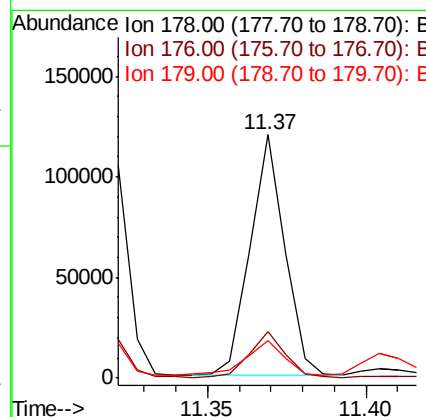
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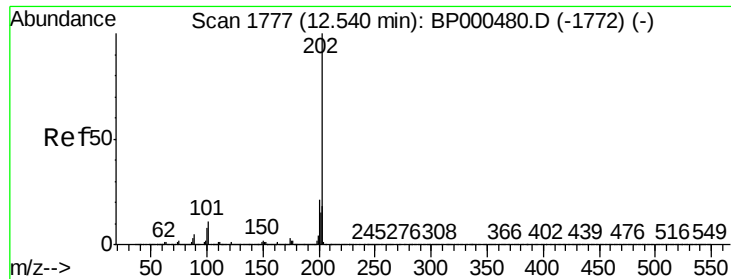
mohammad
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#72
Anthracene
Concen: 2.292 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.5	12.6	19.0





#75

Fluoranthene

Concen: 9.393 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BP000692.D

Acq: 13 Oct 2019 01:13

Instrument :

BNA_P

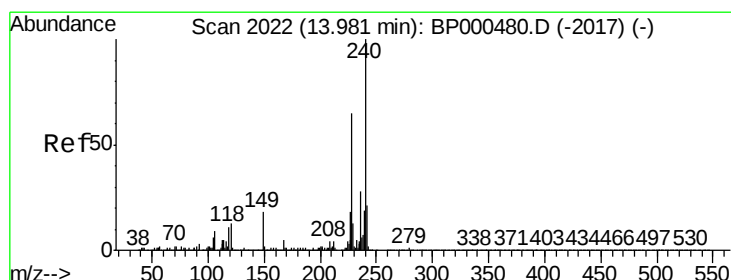
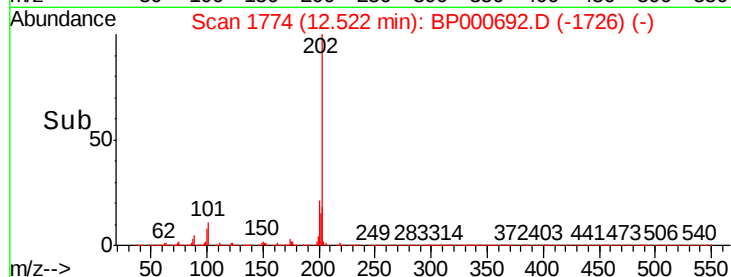
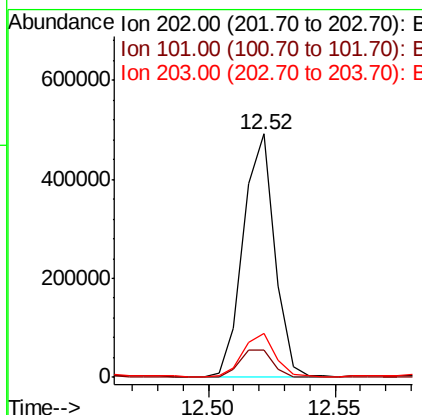
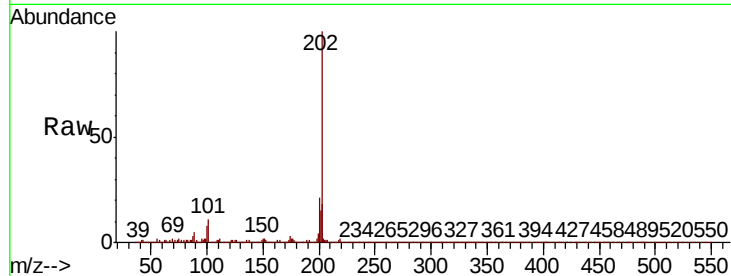
ClientSampleId :

20190825-COMPOSITE-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		422056		
101	11.1	0.0	31.3		
203	17.8	0.0	38.1		

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#76

Chrysene-d12

Concen: 20.000 ng

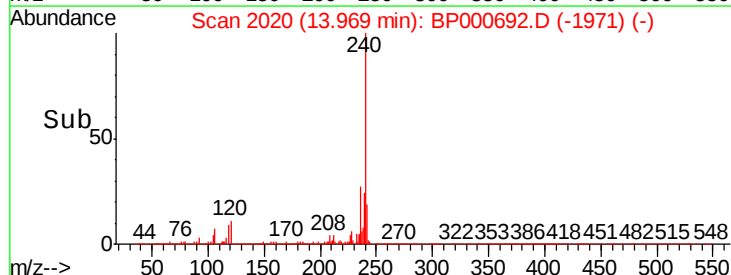
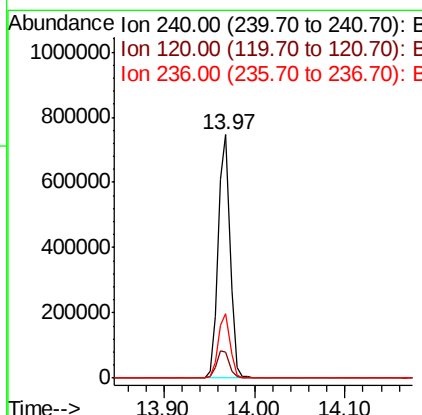
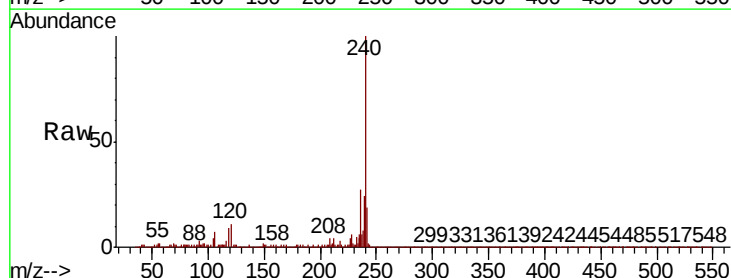
RT: 13.97 min Scan# 2020

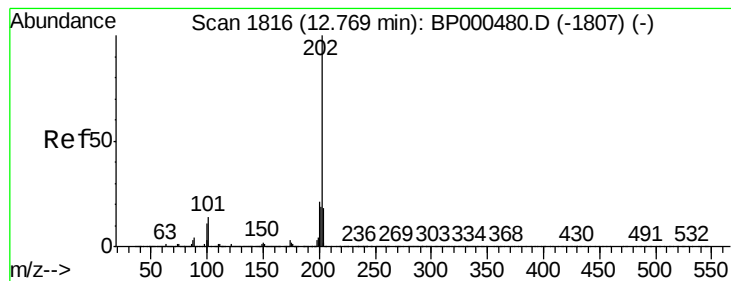
Delta R.T. -0.01 min

Lab File: BP000692.D

Acq: 13 Oct 2019 01:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		664450		
120	10.7	10.1	15.1		
236	26.7	22.7	34.1		





#78

Pvrene

Concen: 9.369 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BP000692.D

Acq: 13 Oct 2019 01:13

Instrument :

BNA_P

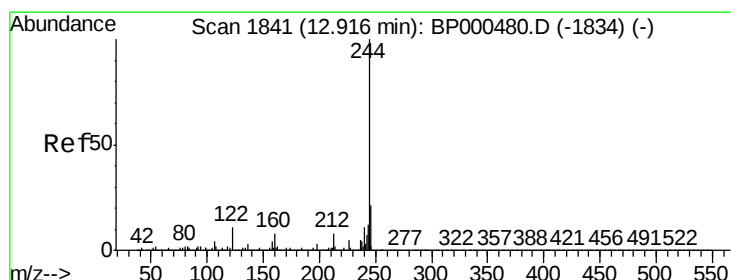
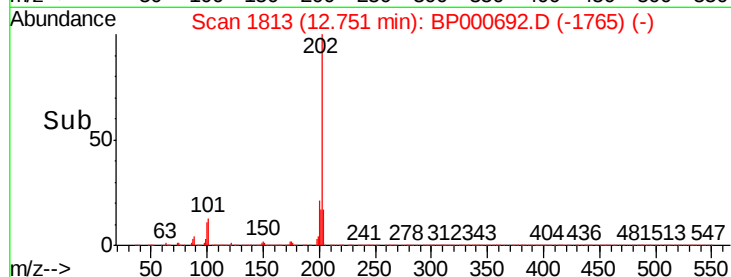
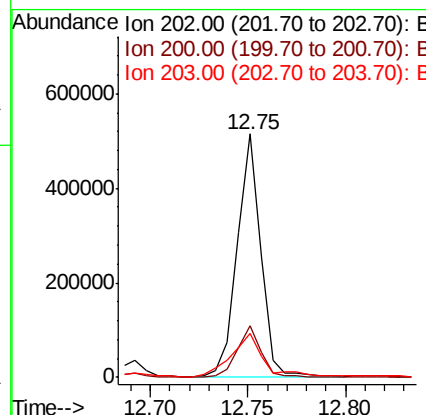
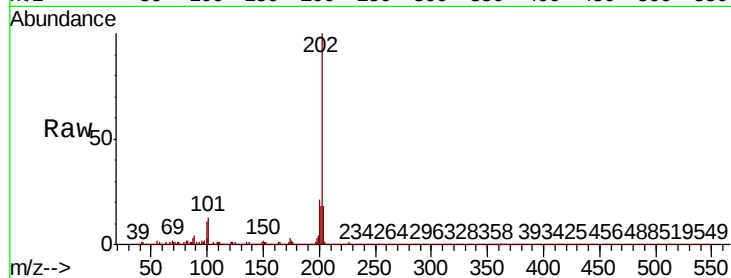
ClientSampleId :

20190825-COMPOSITE-A

Tot Ion:	202	Resp:	429333
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.1	25.7
203	17.9	14.6	21.8

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#79

Terphenyl-d14

Concen: 50.683 ng

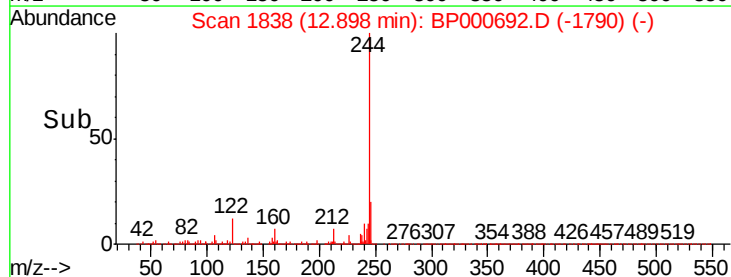
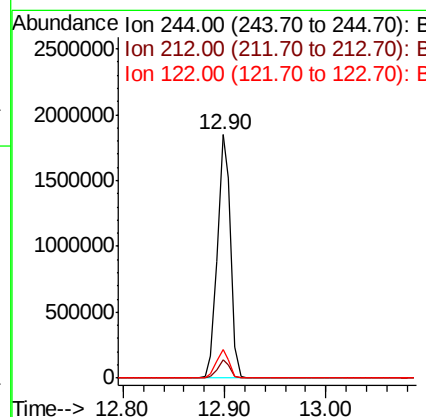
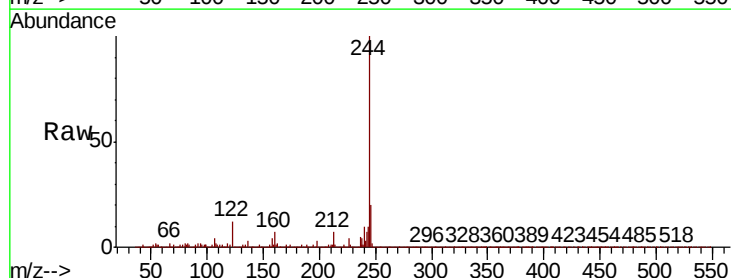
RT: 12.90 min Scan# 1838

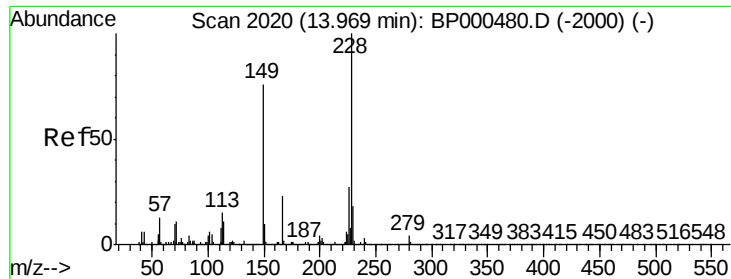
Delta R.T. -0.02 min

Lab File: BP000692.D

Acq: 13 Oct 2019 01:13

Tgt Ion:	244	Resp:	1663247
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	12.0	8.9	13.3





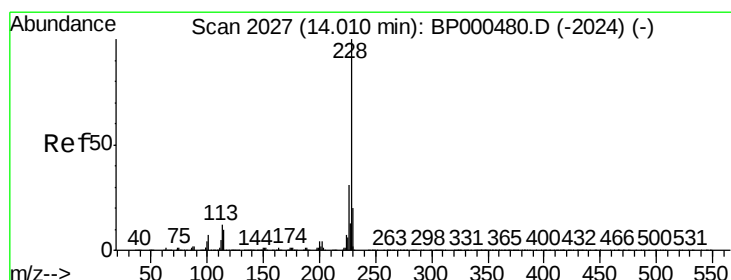
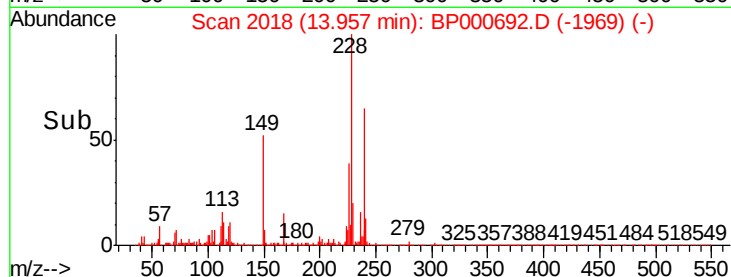
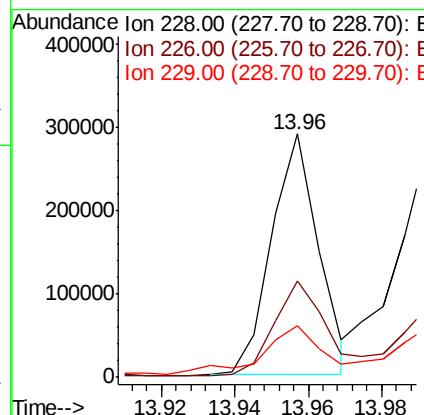
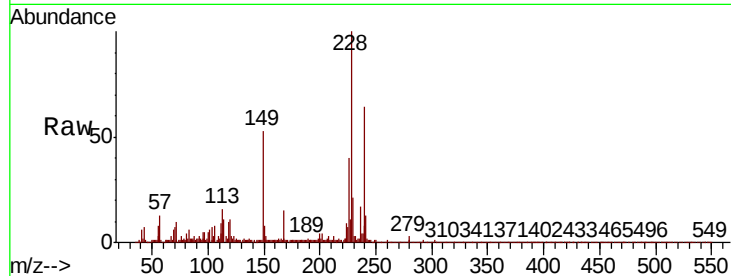
#81
Benzo(a)anthracene
Concen: 6.317 ng m
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.6	21.4	32.2#
229	21.0	14.7	22.1

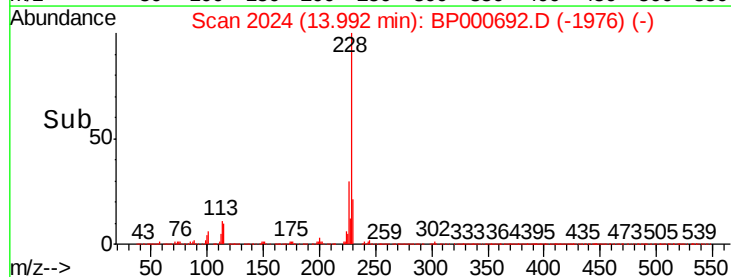
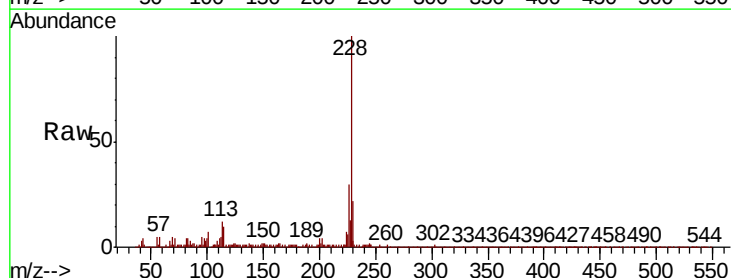
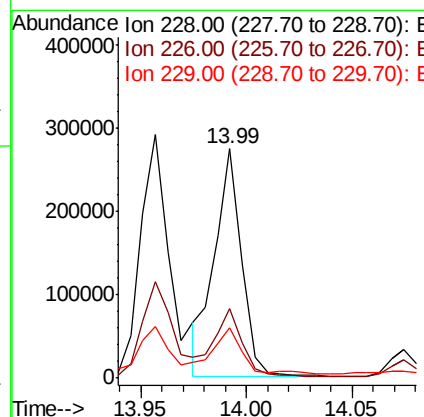
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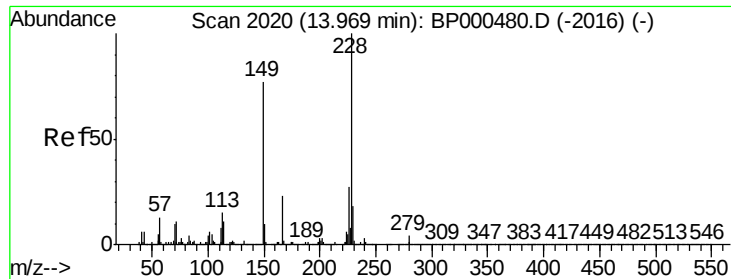
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#83
Chrysene
Concen: 6.140 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	22.1	16.3	24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.257 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000692.D

Acq: 13 Oct 2019 01:13

Instrument :

BNA_P

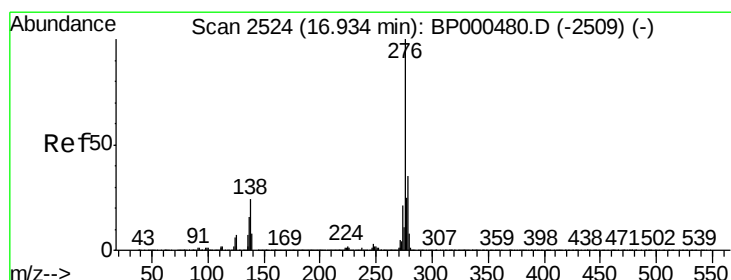
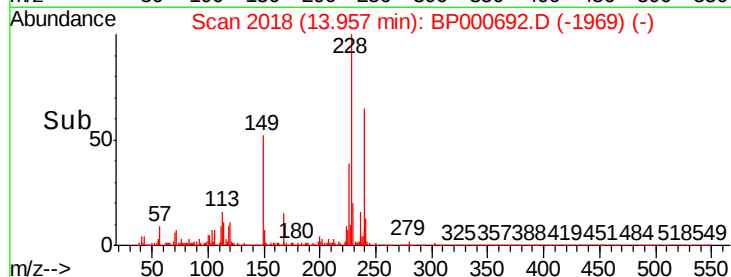
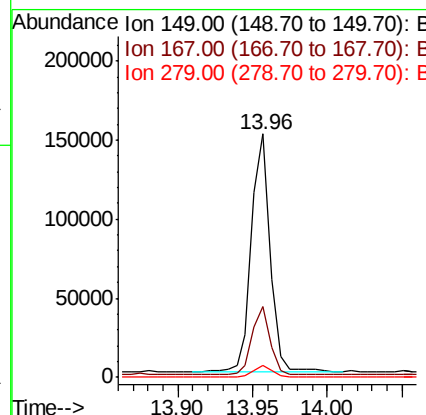
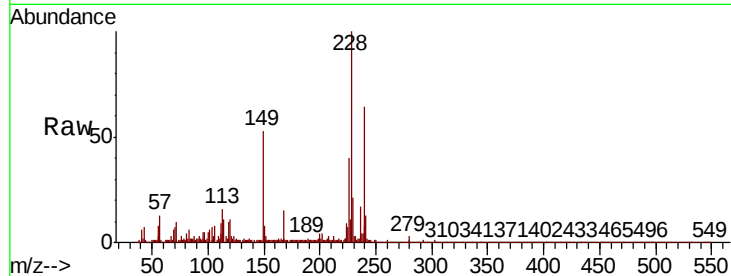
ClientSampleId :

20190825-COMPOSITE-A

Tot Ion:	149	Resp:	132021
Ion Ratio	Lower	Upper	
149	100		
167	29.1	23.6	35.4
279	5.0	3.9	5.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 3.422 ng

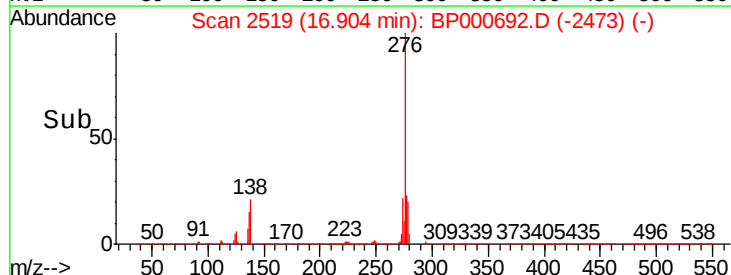
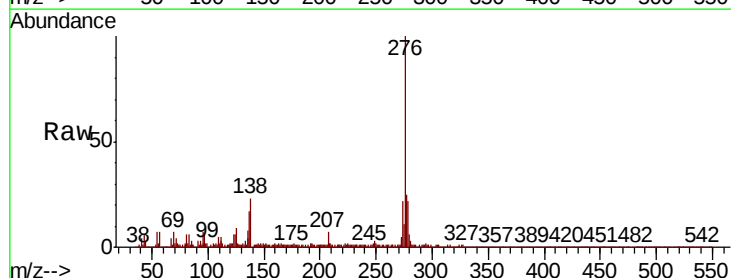
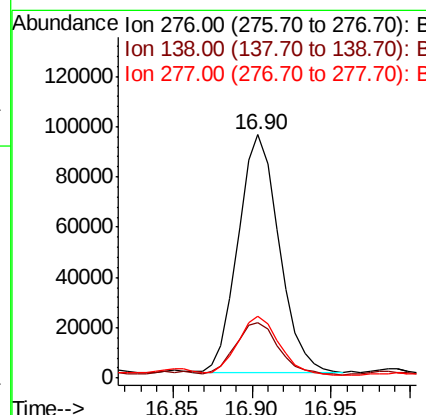
RT: 16.90 min Scan# 2519

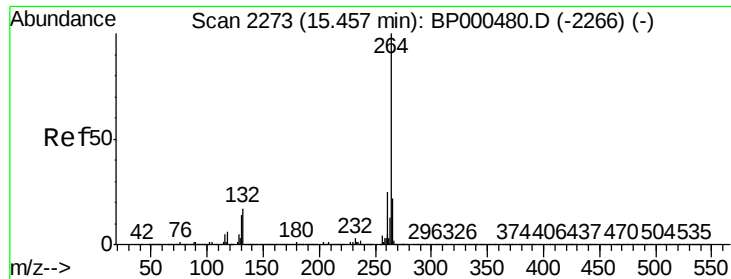
Delta R.T. -0.03 min

Lab File: BP000692.D

Acq: 13 Oct 2019 01:13

Tgt Ion:	276	Resp:	170065
Ion Ratio	Lower	Upper	
276	100		
138	23.3	20.9	31.3
277	25.2	20.6	30.8





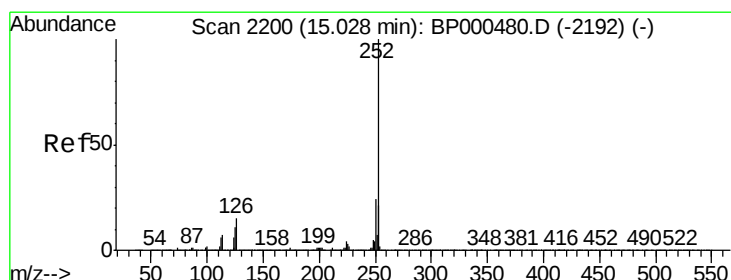
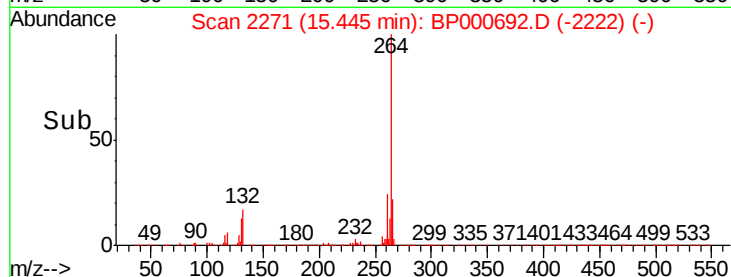
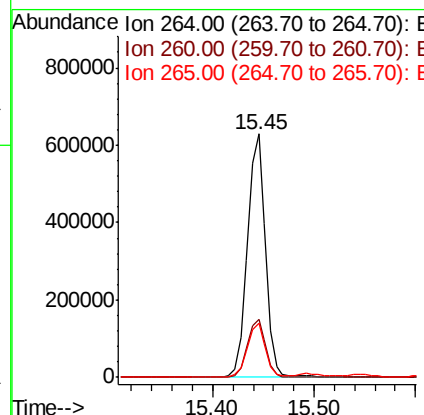
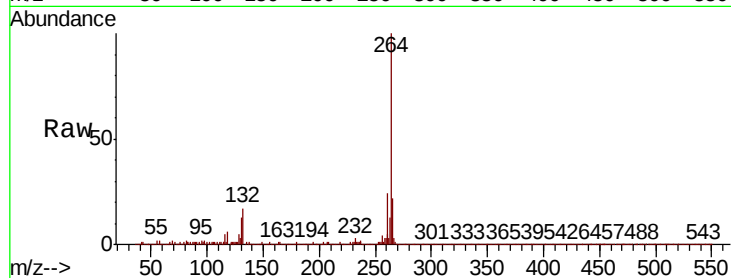
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.3	30.5
265	22.0	18.0	27.0

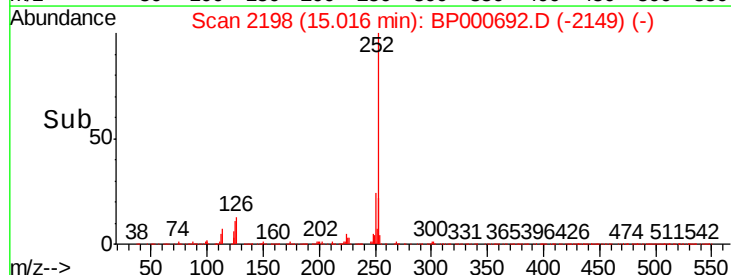
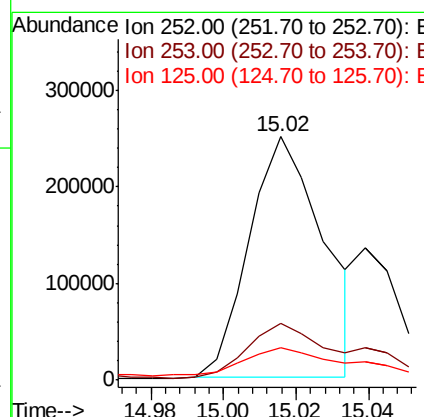
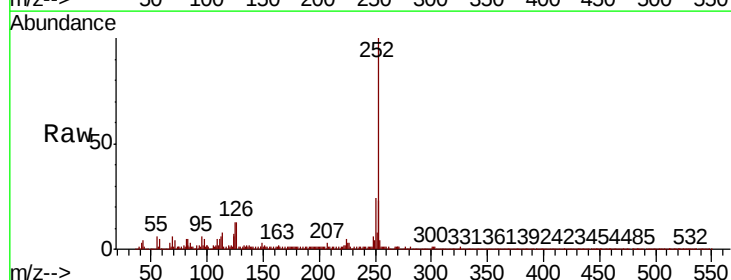
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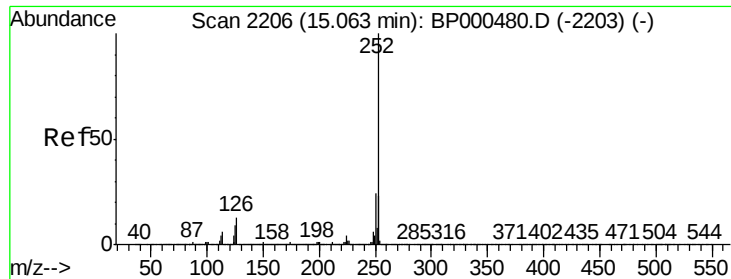
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#88
Benzo(b)fluoranthene
Concen: 8.094 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.4
125	13.5	8.9	13.3





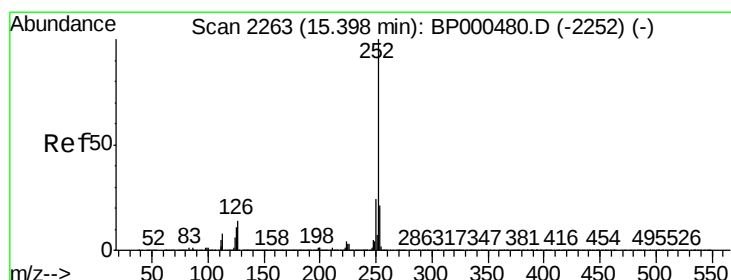
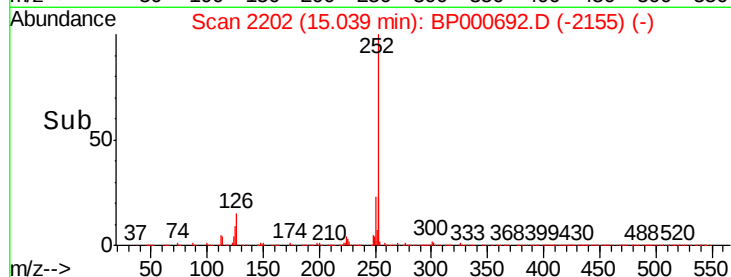
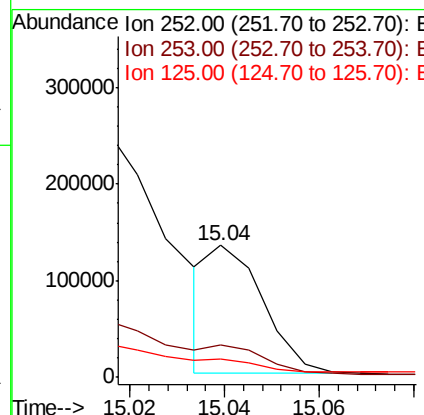
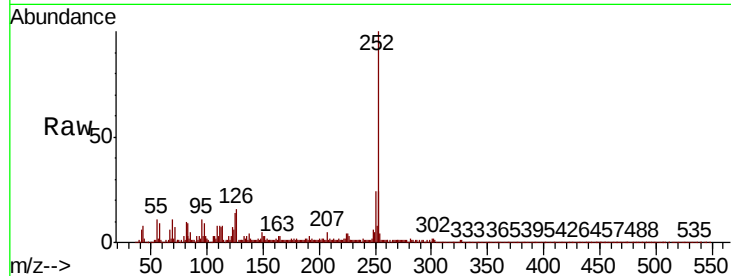
#89
Benzo(k)fluoranthene
Concen: 2.468 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	14.2	7.8	11.8

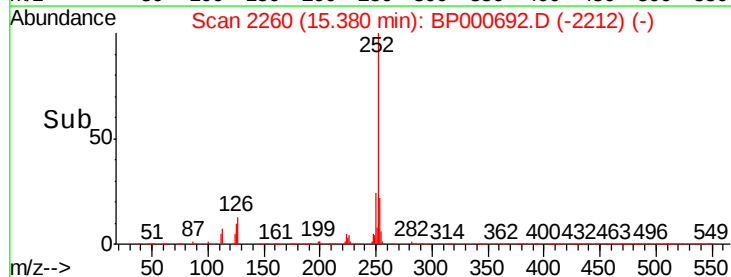
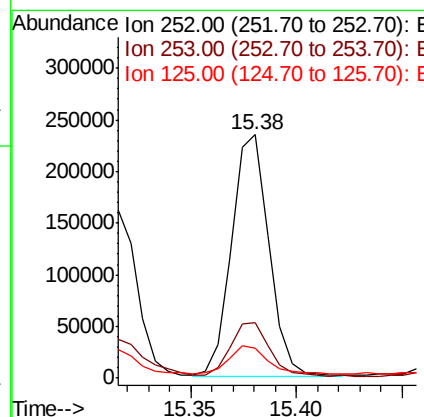
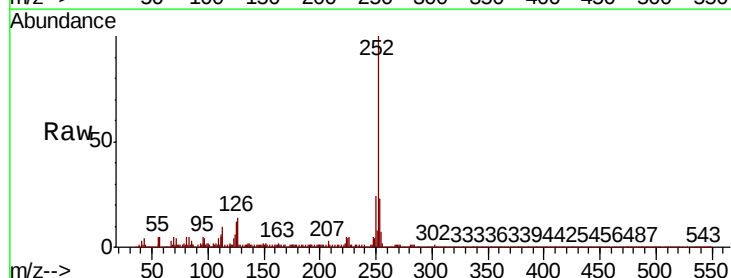
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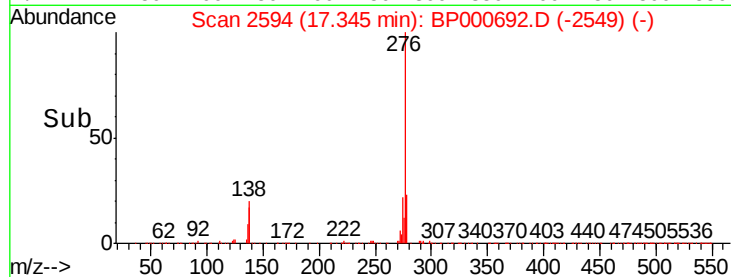
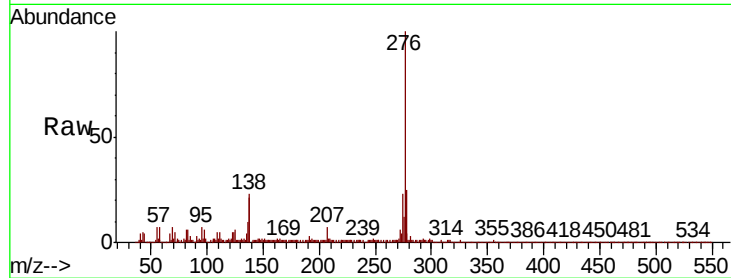
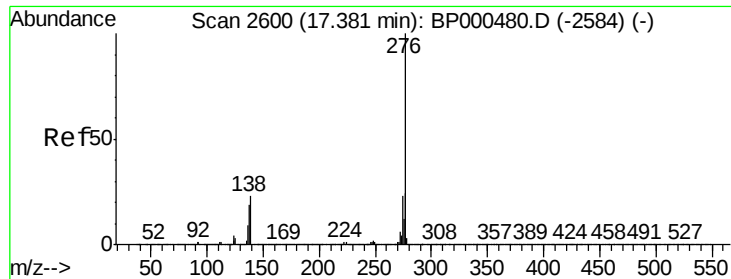
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#90
Benzo(a)pyrene
Concen: 6.968 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BP000692.D
Acq: 13 Oct 2019 01:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	12.4	8.4	12.6





#92

Benzo(a,h,i)perylene

Concen: 4.431 ng

RT: 17.34 min Scan# 2594

Delta R.T. -0.04 min

Lab File: BP000692.D

Acq: 13 Oct 2019 01:13

Instrument :

BNA_P

ClientSampleId :

20190825-COMPOSITE-A

Tot Ion:	276	Resp:	178144
Ion Ratio	Lower	Upper	
276	100		
277	24.8	19.4	29.2
138	23.0	18.5	27.7

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