

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000690.D
 Acq On : 13 Oct 2019 00:25
 Operator : JU
 Sample : K5348-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190881-COMPOSITE-M

Manual Integrations
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mohammad
 10/16/2019 8:08:24 AM

Quant Time: Oct 14 06:45:13 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	237288	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	837449	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	452416	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	814113	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	683786	20.00	ng	-0.02
87) Perylene-d12	15.44	264	767982	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	83534	5.66	ng	-0.02
7) Phenol-d6	6.39	99	754443	42.41	ng	-0.02
23) Nitrobenzene-d5	7.31	82	910024	66.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	16485	3.42	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1692662	60.54	ng	-0.02
79) Terphenyl-d14	12.90	244	1878114	55.61	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	73054	4.011	ng	92
50) Dimethylphthalate	9.51	163	308183	9.803	ng	99
75) Fluoranthene	12.52	202	159684	3.477	ng	97
78) Pyrene	12.75	202	167105	3.543	ng	99
81) Benzo(a)anthracene	13.96	228	93417	2.239	ng	# 84
83) Chrysene	13.99	228	95626	2.335	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	66280	2.564	ng	98
88) Benzo(b)fluoranthene	15.01	252	126046m	2.893	ng	
90) Benzo(a)pyrene	15.37	252	101500	2.499	ng	# 94

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

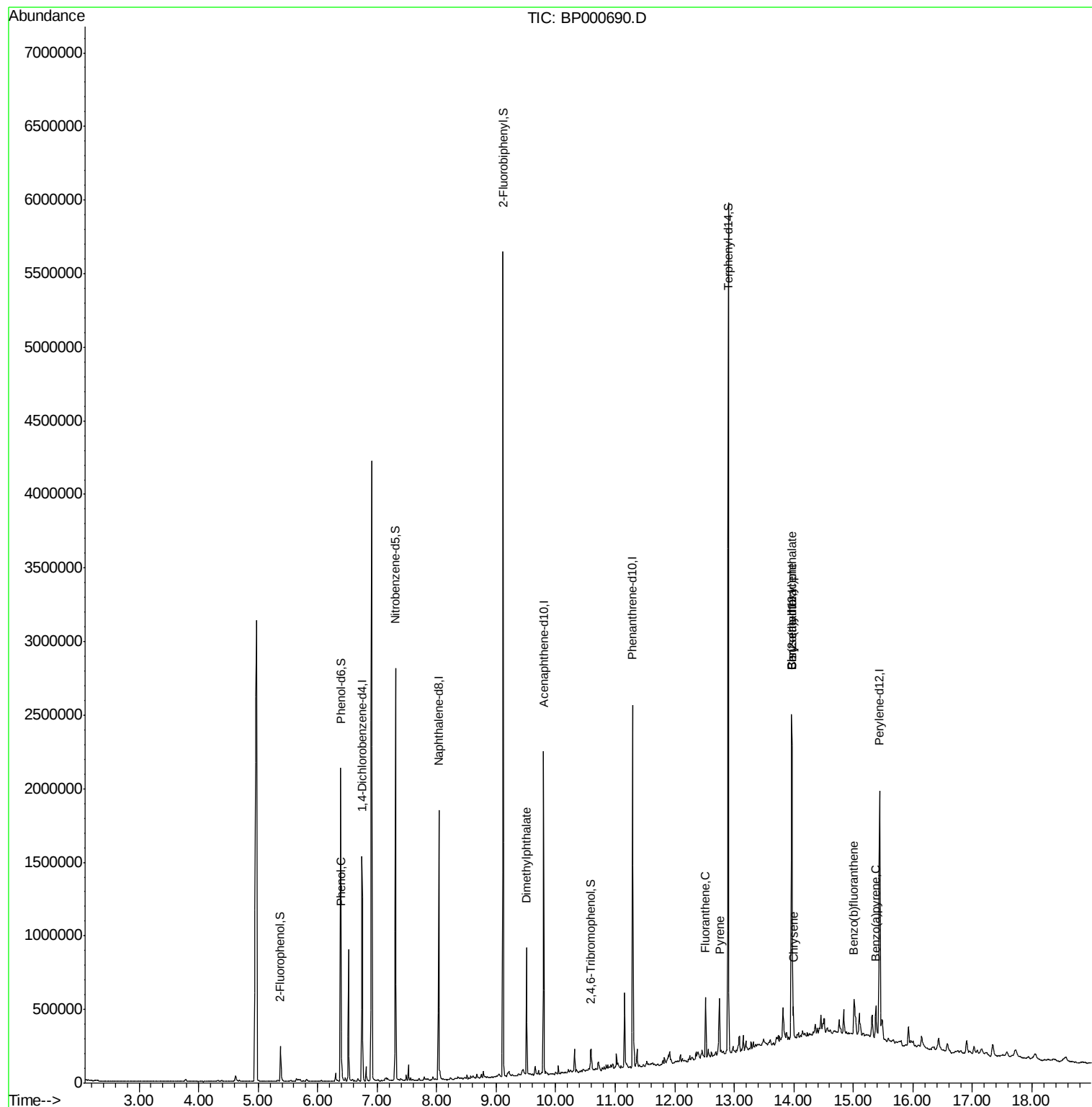
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000690.D
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Operator : JU
Sample : K5348-13
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ALS Vial : 19 Sample Multiplier: 1

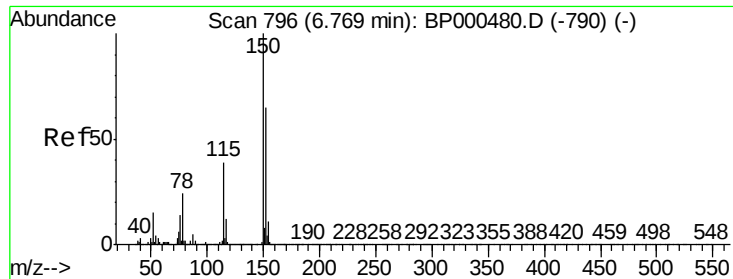
Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-M

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#1

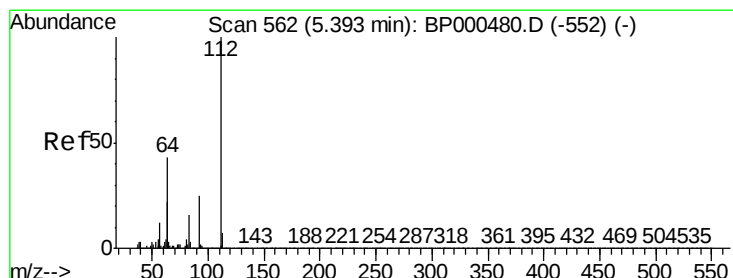
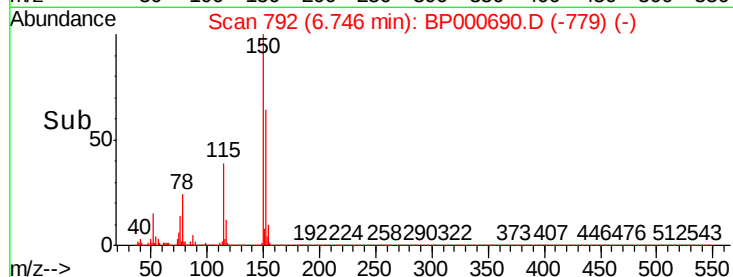
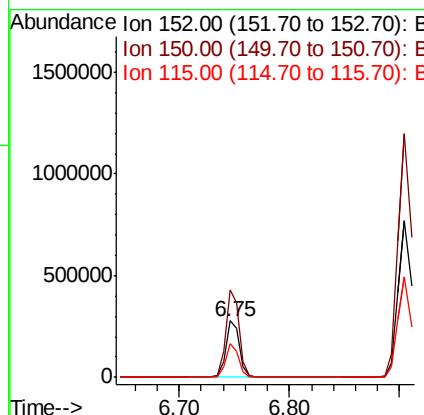
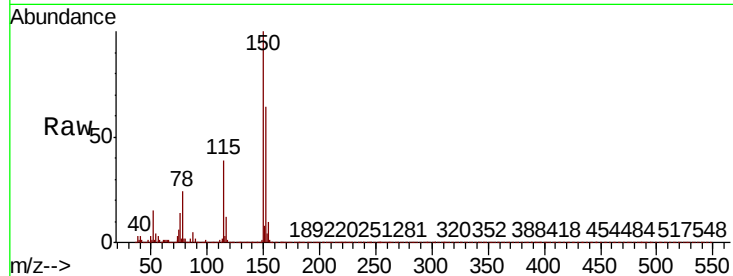
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000690.D
Acq: 13 Oct 2019 00:25

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.1	186.1
115	60.3	48.7	73.1

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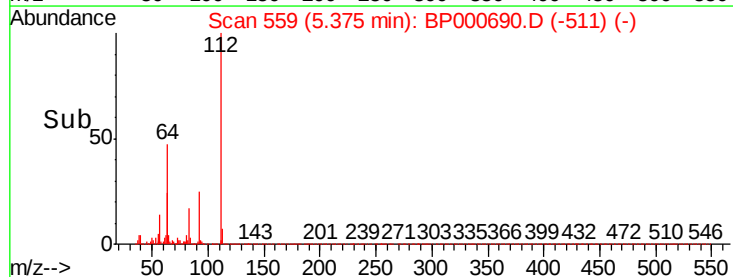
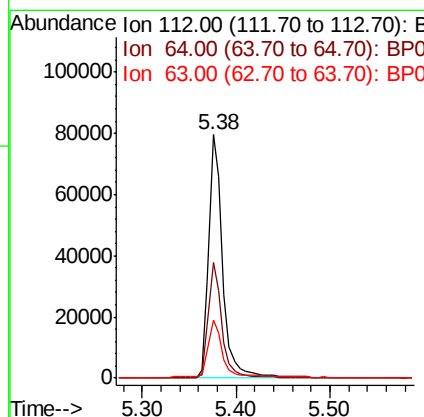
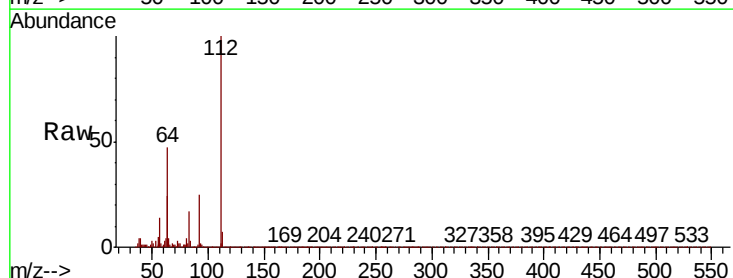
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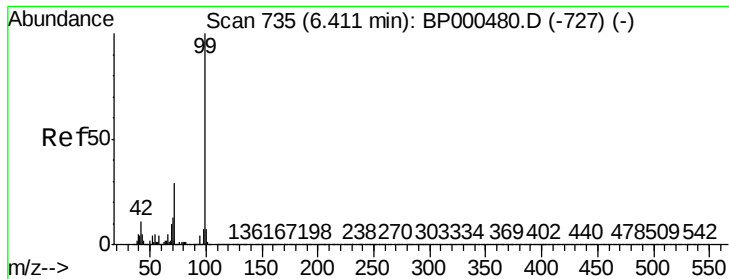


#5

2-Fluorophenol
Concen: 5.659 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000690.D
Acq: 13 Oct 2019 00:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.3	34.2	51.4
63	24.0	17.9	26.9





#7

Phenol-d6

Concen: 42.412 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000690.D

Acq: 13 Oct 2019 00:25

Instrument :

BNA_P

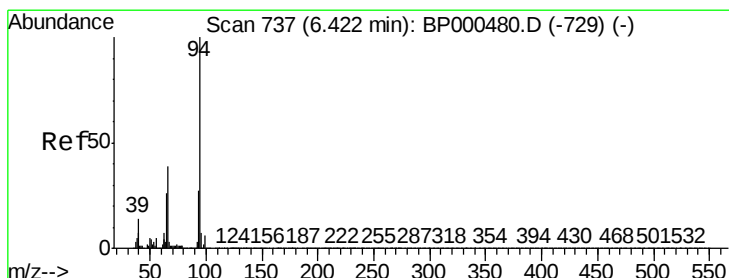
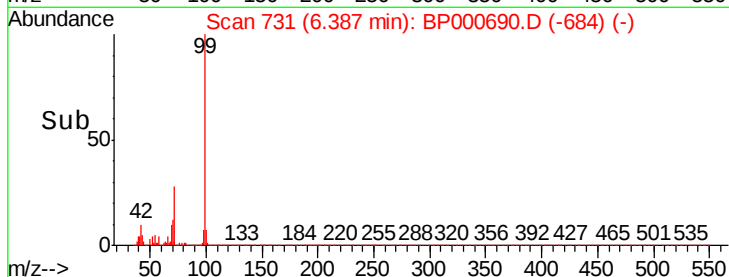
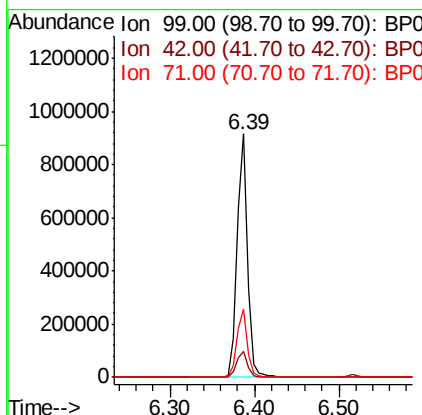
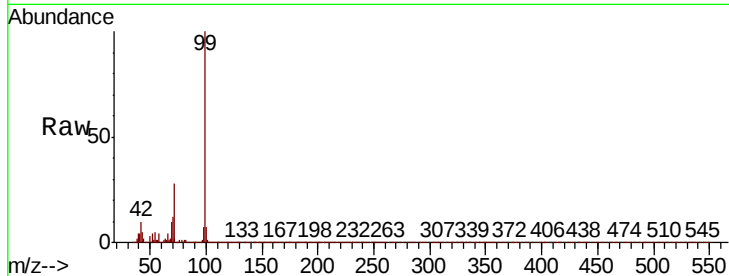
ClientSampleId :

20190881-COMPOSITE-M

Tot Ion:	99	Resp:	754443
Ion Ratio	Lower	Upper	
99	100		
42	10.5	8.6	12.8
71	28.0	23.0	34.4

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#10

Phenol

Concen: 4.011 ng

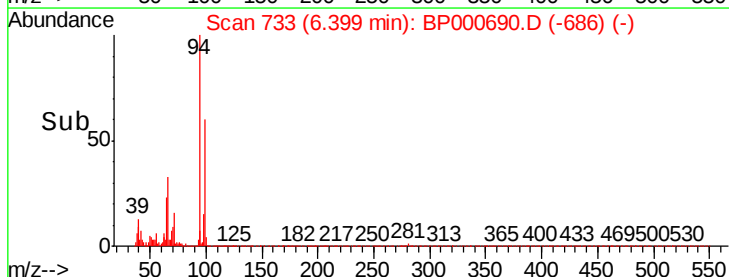
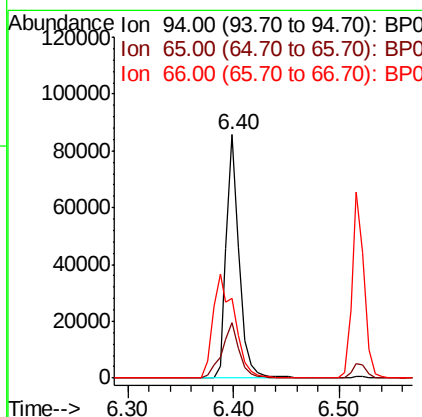
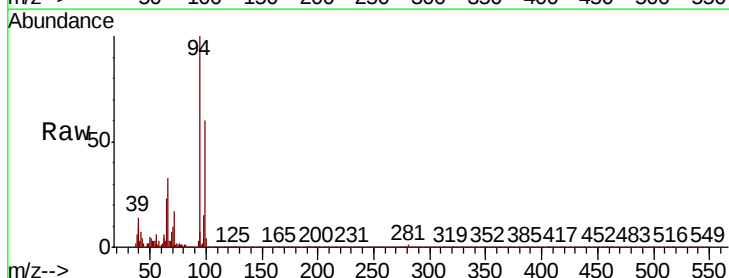
RT: 6.40 min Scan# 733

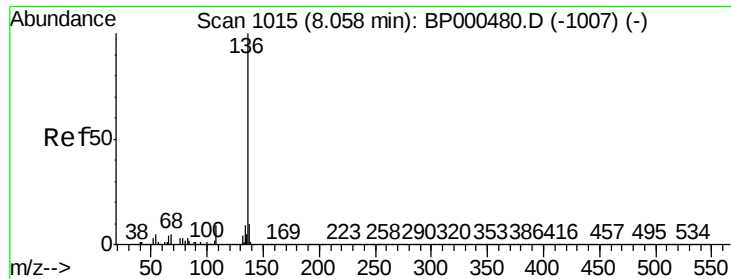
Delta R.T. -0.02 min

Lab File: BP000690.D

Acq: 13 Oct 2019 00:25

Tgt Ion:	94	Resp:	73054
Ion Ratio	Lower	Upper	
94	100		
65	23.0	5.9	45.9
66	32.8	18.8	58.8





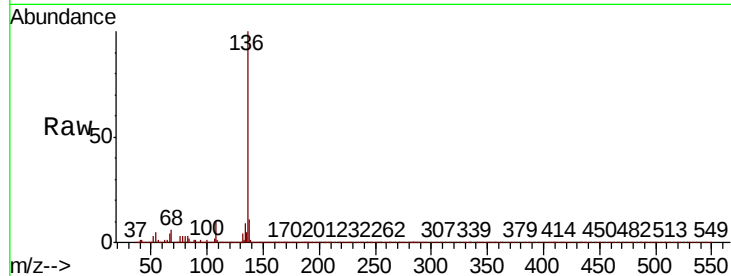
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000690.D
Acq: 13 Oct 2019 00:25

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-M

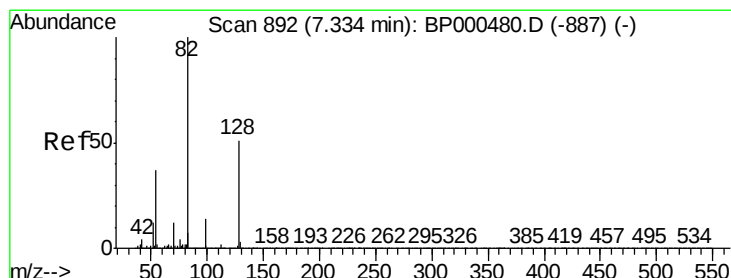
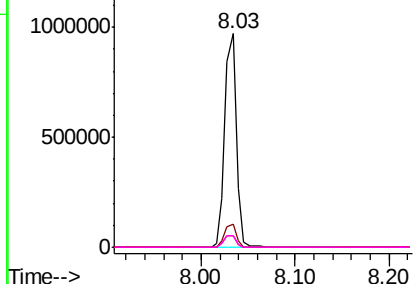
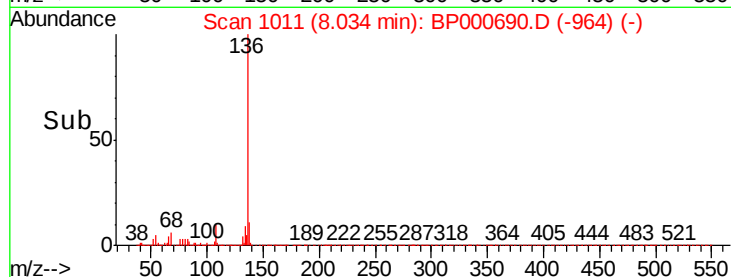
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	5.4	4.1	6.1
68	5.6	4.1	6.1

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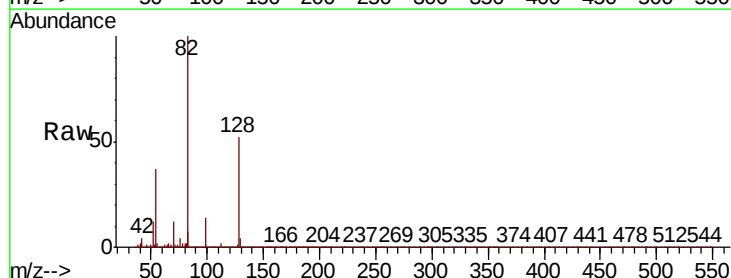


Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

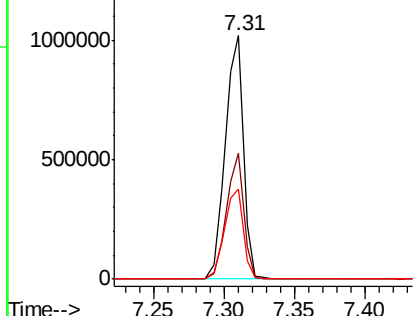
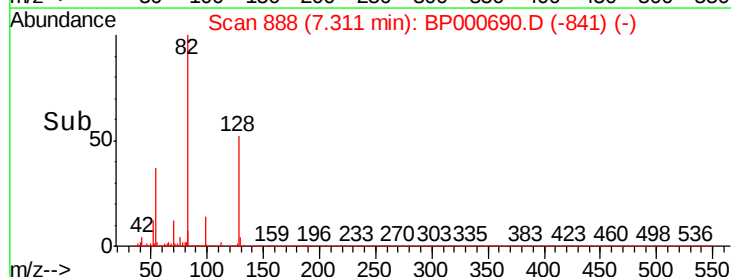


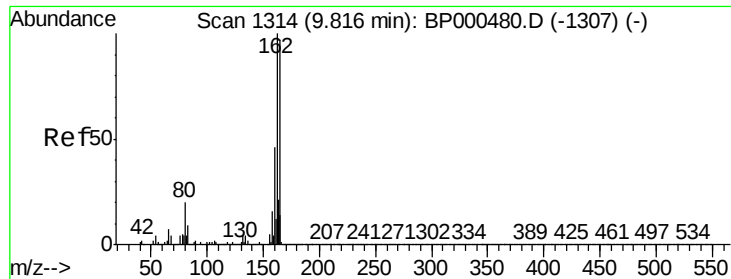
#23
Nitrobenzene-d5
Concen: 66.368 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000690.D
Acq: 13 Oct 2019 00:25

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.9	40.9	61.3
54	36.8	29.4	44.2



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





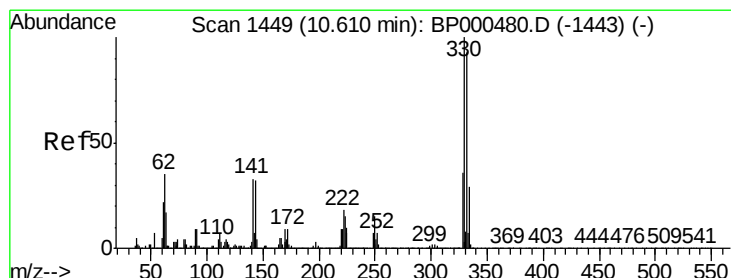
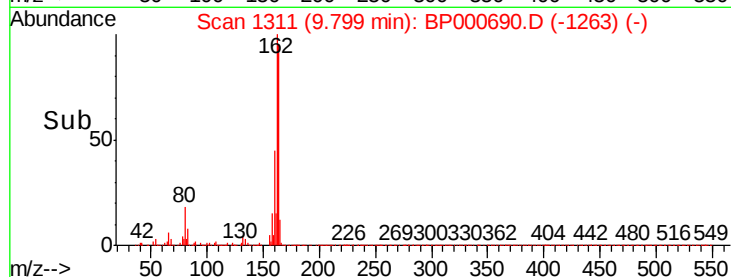
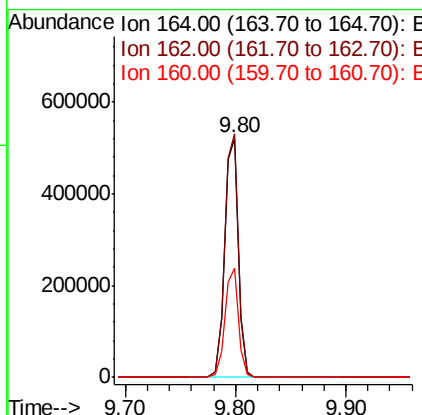
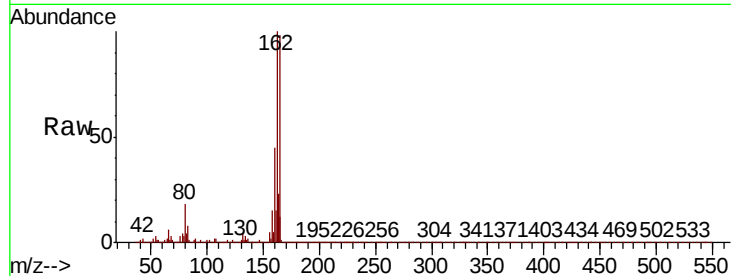
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000690.D
Acq: 13 Oct 2019 00:25

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-M

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	82.2	123.2	
160	45.6	37.6	56.4	

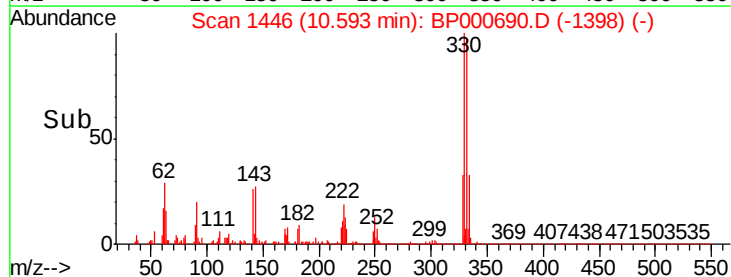
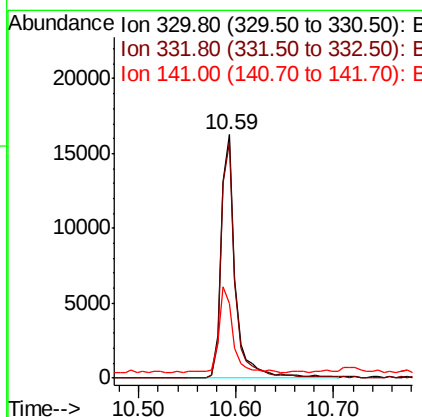
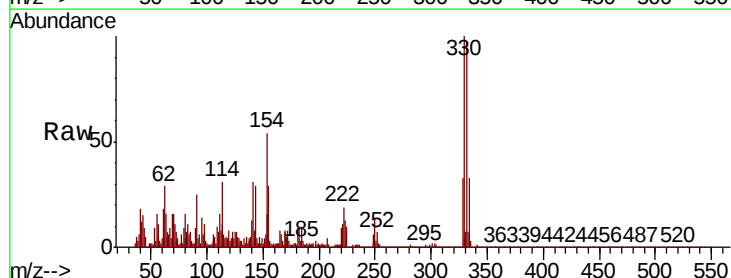
Manual Integrations
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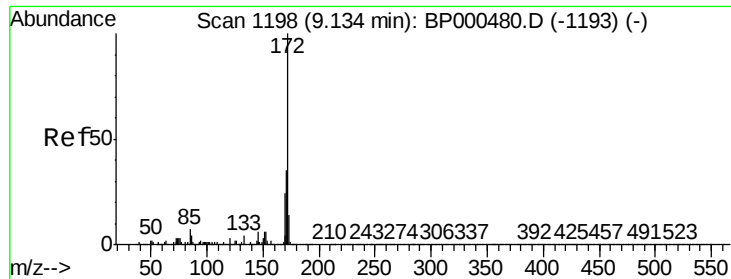
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#42
2,4,6-Tribromophenol
Concen: 3.419 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000690.D
Acq: 13 Oct 2019 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	77.1	115.7	
141	32.3	26.0	39.0	





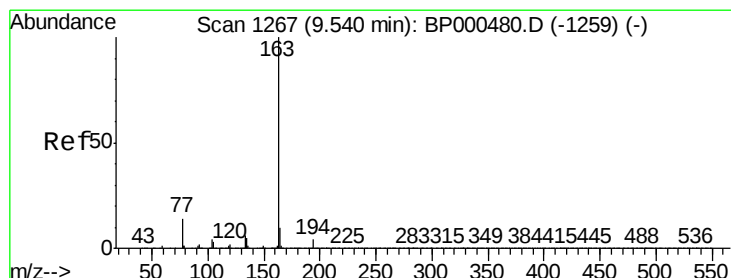
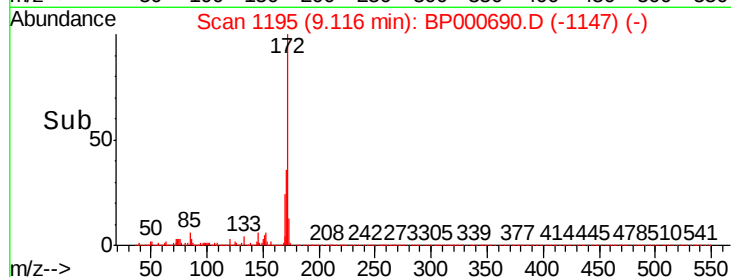
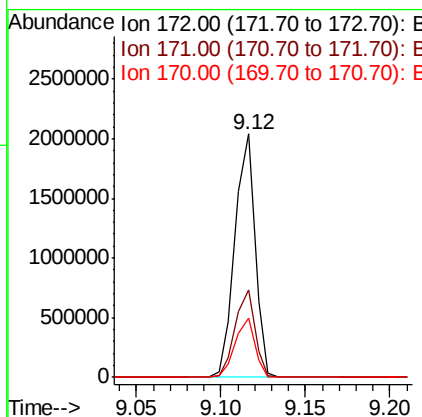
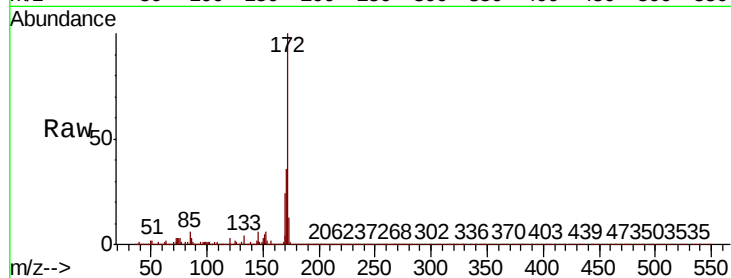
#45
2-Fluorobiphenyl
Concen: 60.535 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000690.D
Acq: 13 Oct 2019 00:25

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-M

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.4	42.6
170	24.1	19.1	28.7

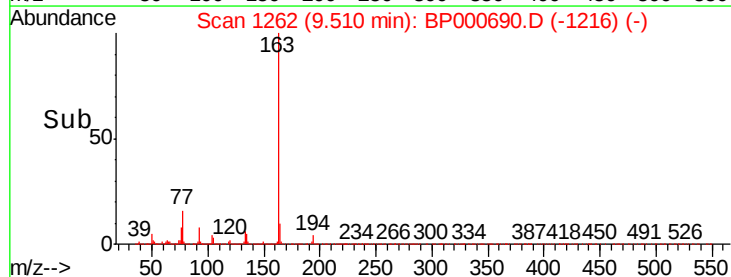
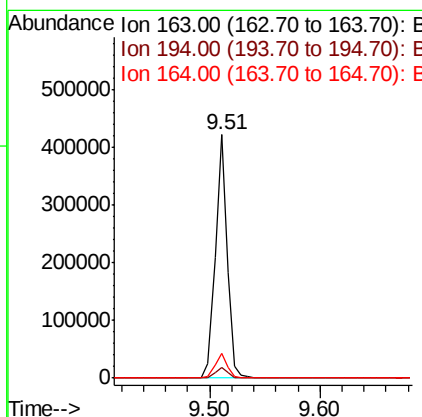
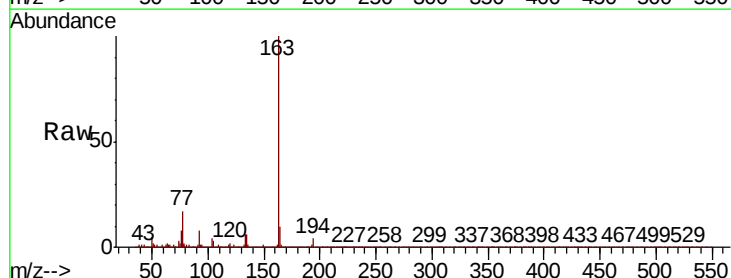
Manual Integrations
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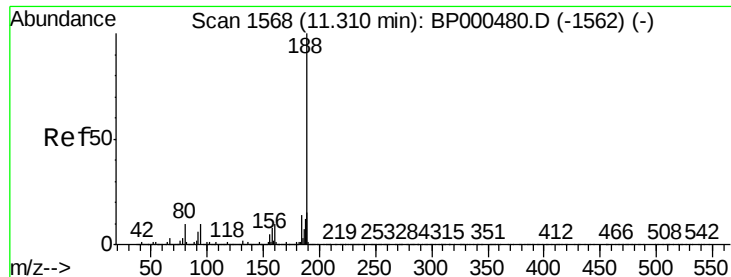
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#50
Dimethylphthalate
Concen: 9.803 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000690.D
Acq: 13 Oct 2019 00:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.0	12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000690.D

Acq: 13 Oct 2019 00:25

Instrument :

BNA_P

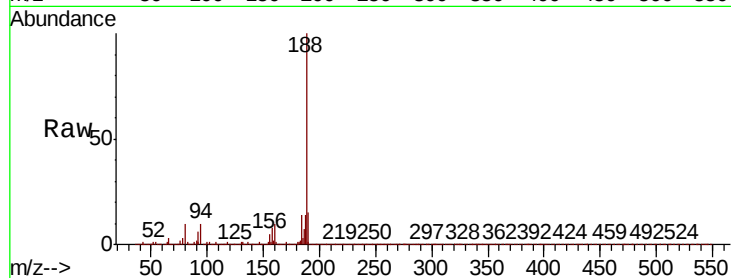
ClientSampleId :

20190881-COMPOSITE-M

Tot Ion:	188	Resp:	814113
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.2	12.2
80	10.0	8.3	12.5

Manual Integrations
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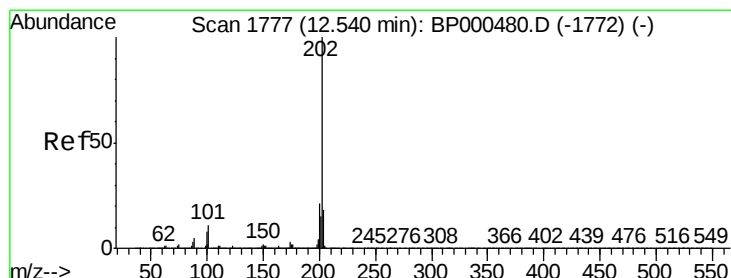
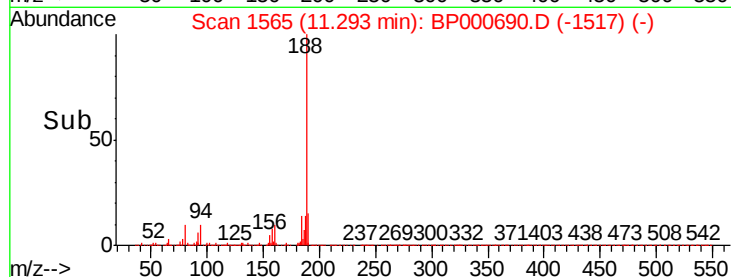
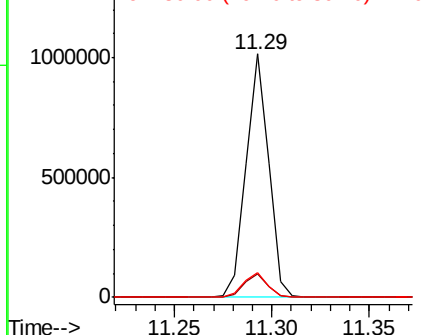
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#75

Fluoranthene

Concen: 3.477 ng

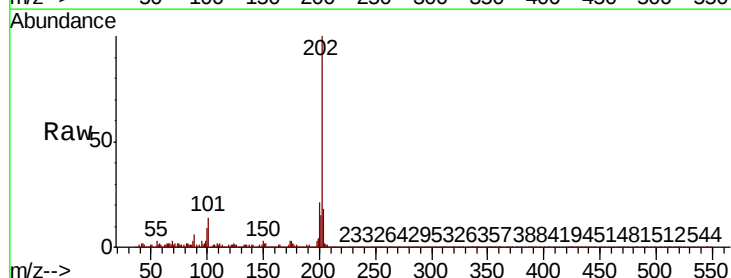
RT: 12.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BP000690.D

Acq: 13 Oct 2019 00:25

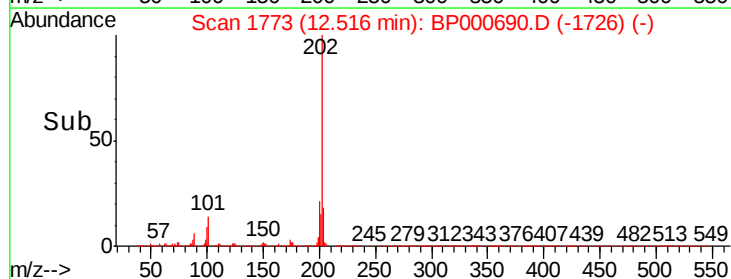
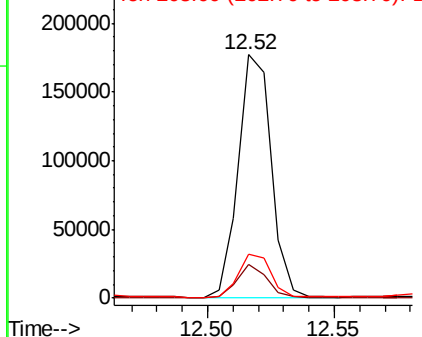
Tgt Ion:	202	Resp:	159684
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	31.3
203	18.2	0.0	38.1

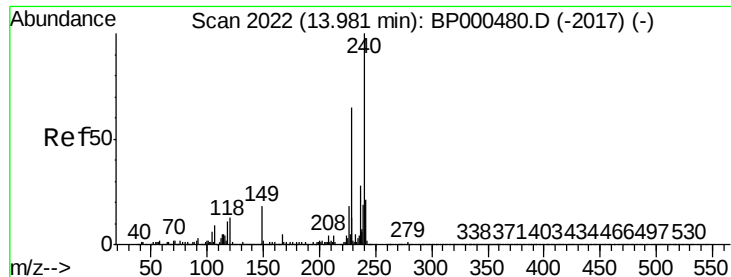


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





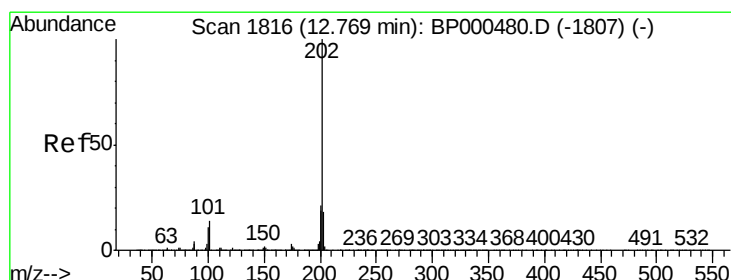
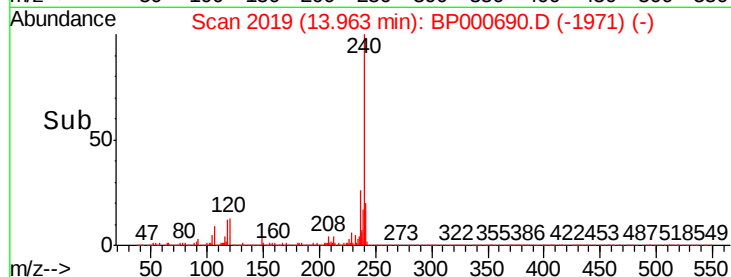
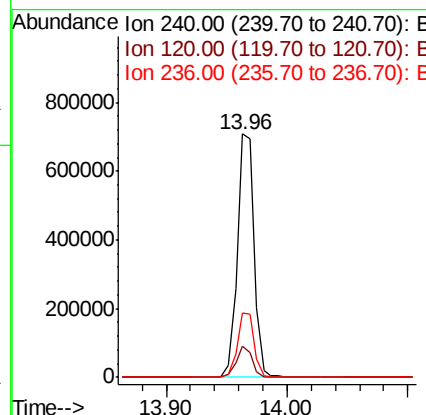
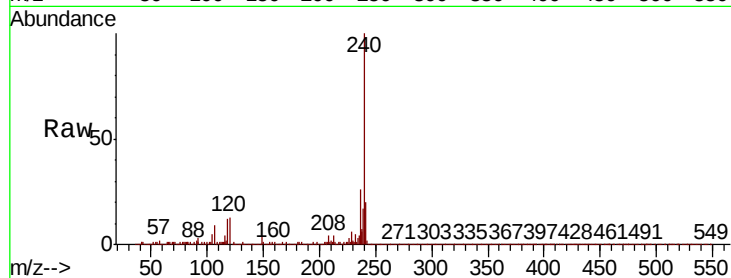
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000690.D
Acq: 13 Oct 2019 00:25

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-M

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.1	15.1
236	26.4	22.7	34.1

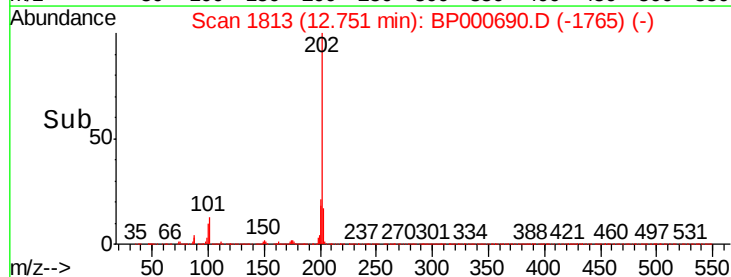
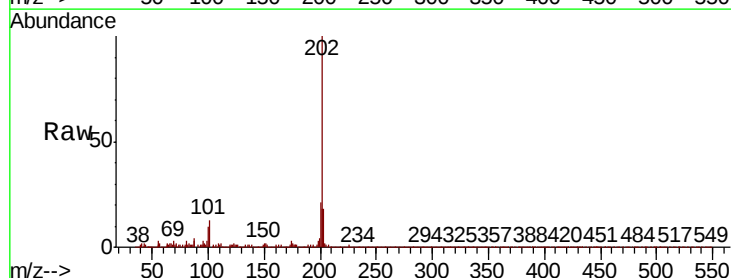
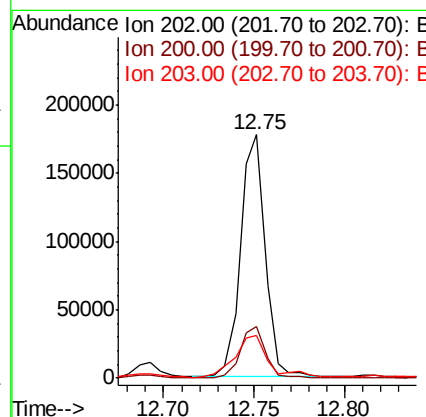
Manual Integrations
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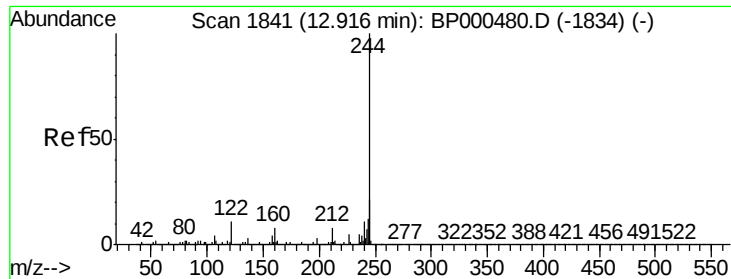
mohammad
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#78
Pyrene
Concen: 3.543 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000690.D
Acq: 13 Oct 2019 00:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.6	14.6	21.8





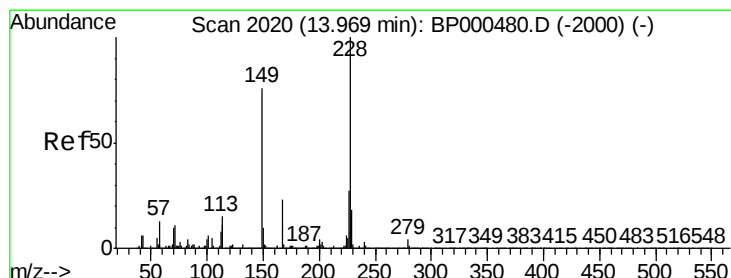
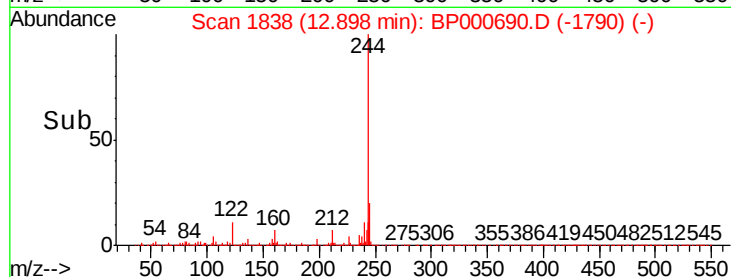
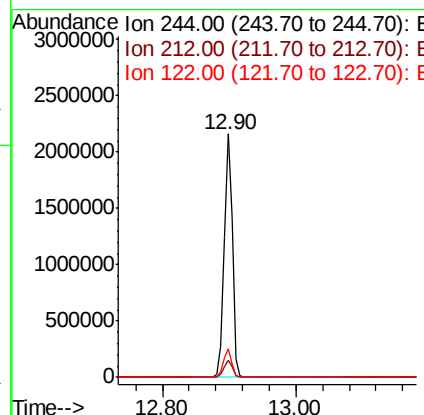
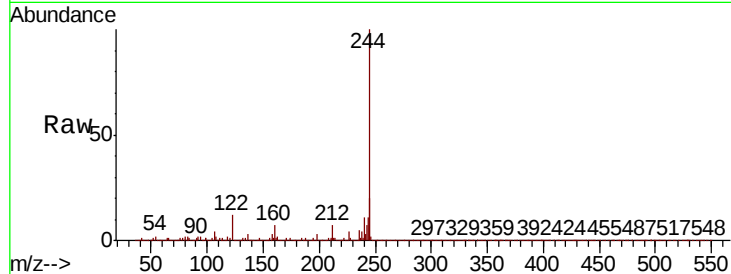
#79
 Terphenyl-d14
 Concen: 55.612 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BP000690.D
 Acq: 13 Oct 2019 00:25

Instrument :
 BNA_P
 ClientSampleId :
 20190881-COMPOSITE-M

Tot Ion:244 Resp: 1878114
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.5 8.9 13.3

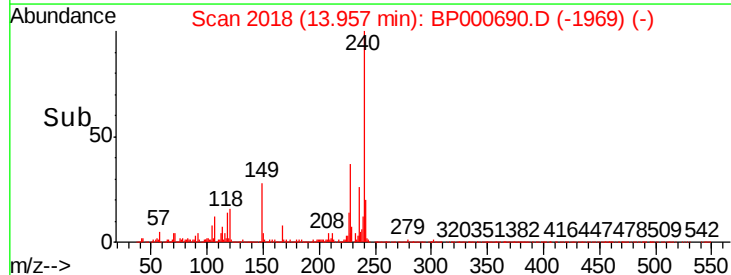
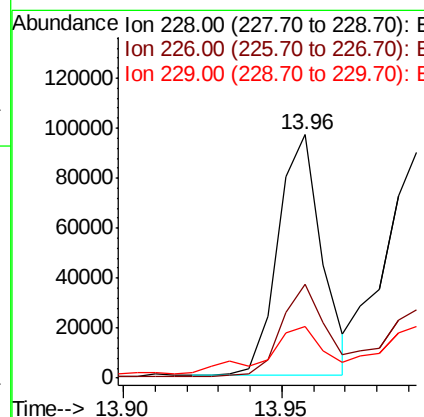
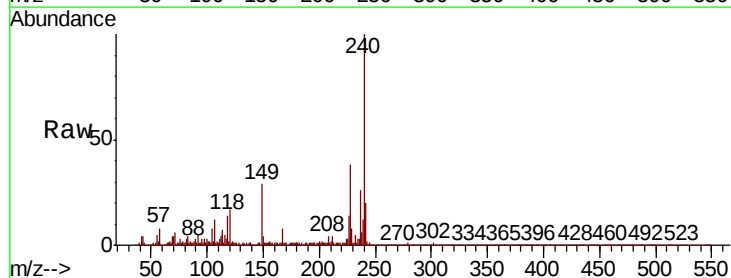
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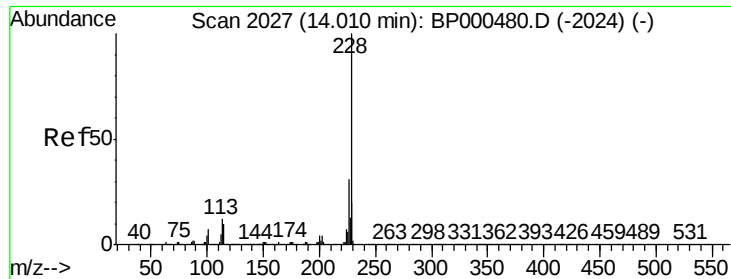
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#81
 Benzo(a)anthracene
 Concen: 2.239 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000690.D
 Acq: 13 Oct 2019 00:25

Tgt Ion:228 Resp: 93417
 Ion Ratio Lower Upper
 228 100
 226 38.5 21.4 32.2#
 229 21.3 14.7 22.1





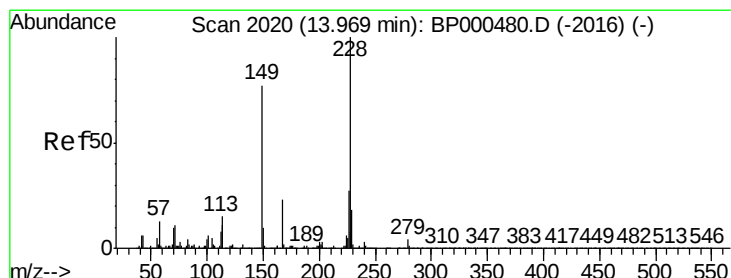
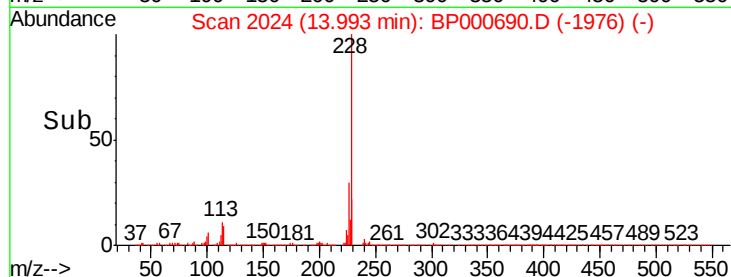
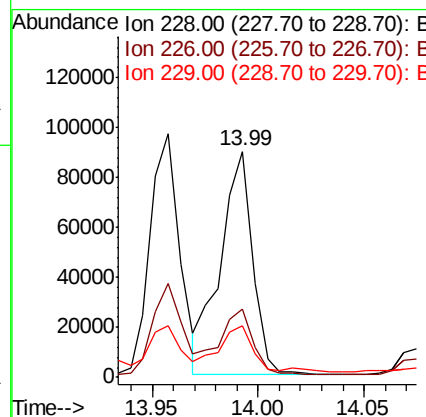
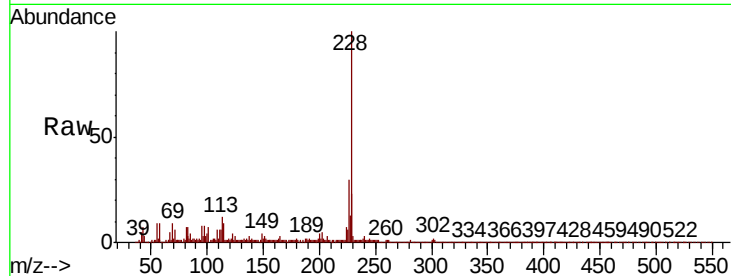
#83
Chrysene
Concen: 2.335 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BP000690.D
Acq: 13 Oct 2019 00:25

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-M

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	23.0	16.3	24.5

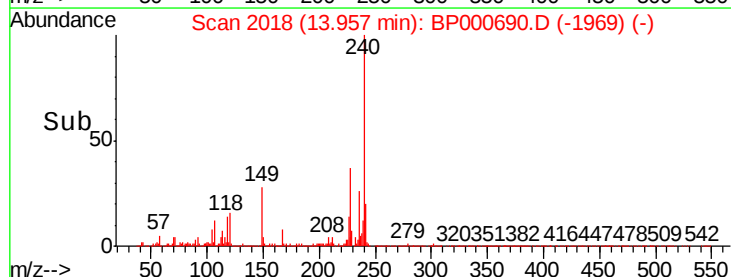
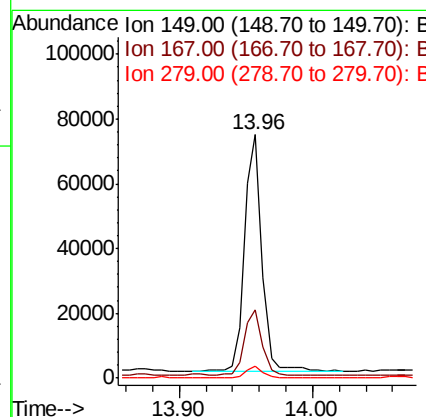
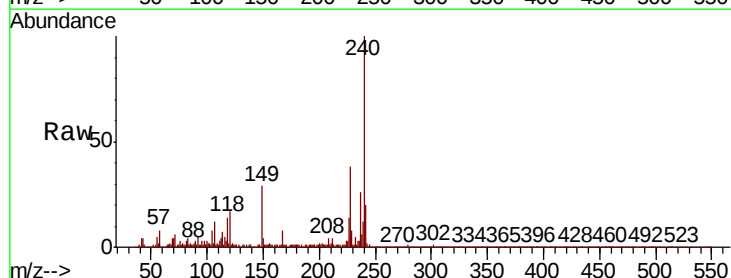
Manual Integrations
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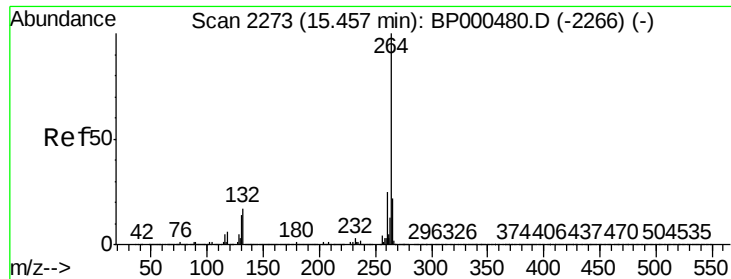
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.564 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000690.D
Acq: 13 Oct 2019 00:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.6	35.4
279	4.9	3.9	5.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BP000690.D

Acq: 13 Oct 2019 00:25

Instrument :

BNA_P

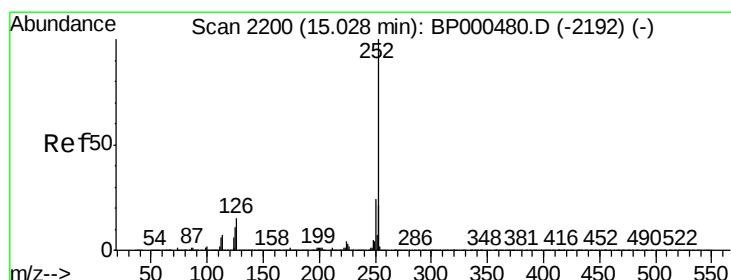
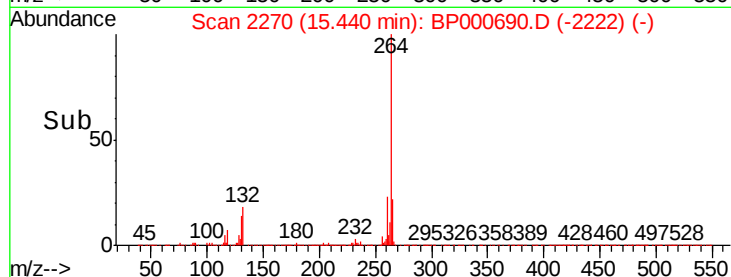
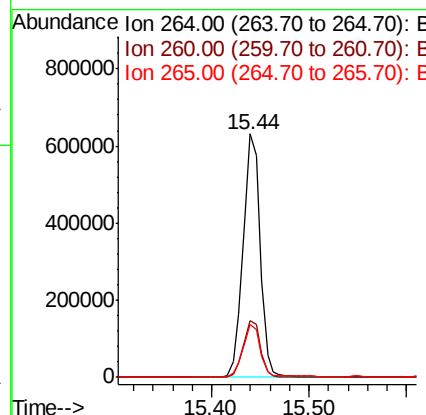
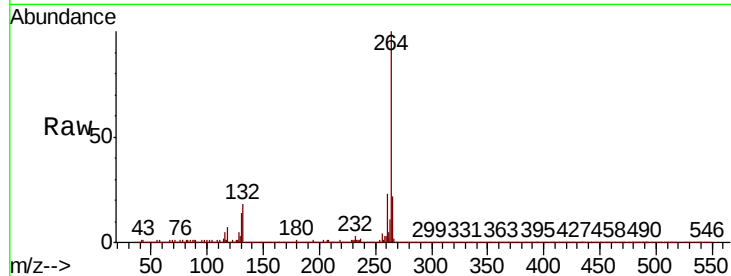
ClientSampleId :

20190881-COMPOSITE-M

Tot Ion:	264	Resp:	767982
Ion Ratio		Lower	Upper
264	100		
260	23.5	20.3	30.5
265	21.6	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 2.893 ng m

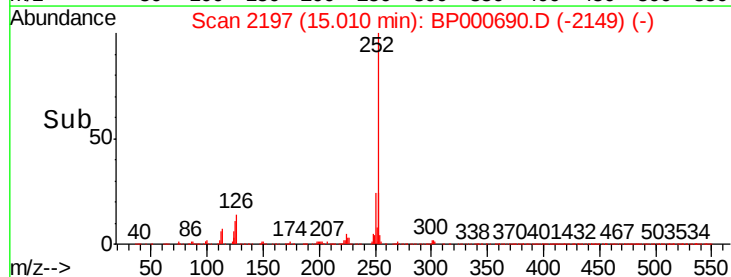
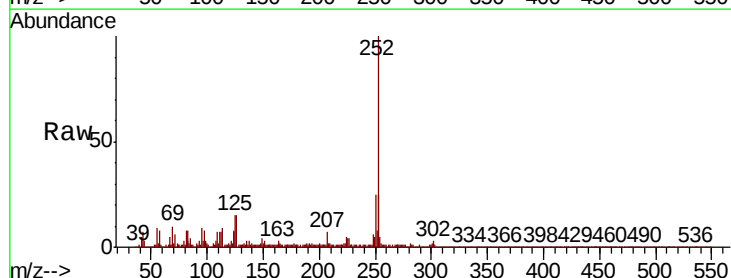
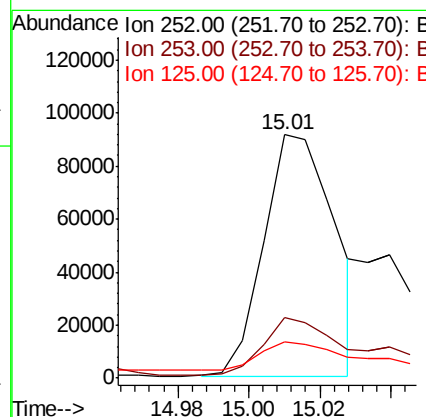
RT: 15.01 min Scan# 2197

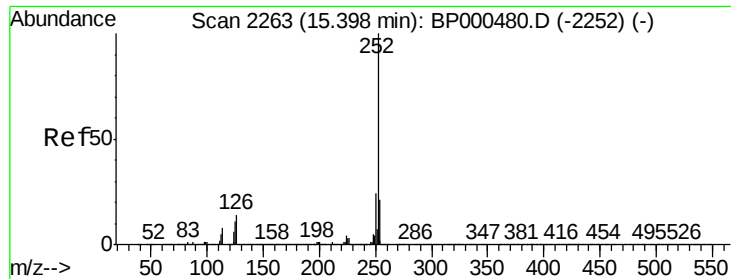
Delta R.T. -0.02 min

Lab File: BP000690.D

Acq: 13 Oct 2019 00:25

Tgt Ion:	252	Resp:	126046
Ion Ratio		Lower	Upper
252	100		
253	24.7	17.0	25.4
125	14.6	8.9	13.3#





#90

Benzo(a)pyrene

Concen: 2.499 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.02 min

Lab File: BP000690.D

Acq: 13 Oct 2019 00:25

Instrument :

BNA_P

ClientSampleId :

20190881-COMPOSITE-M

Tot Ion:	252	Resp:	101500
Ion Ratio		Lower	Upper
252	100		
253	22.6	17.0	25.6
125	14.9	8.4	12.6#

Manual Integrations
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