

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000694.D
 Acq On : 13 Oct 2019 02:02
 Operator : JU
 Sample : K5348-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190827-COMPOSITE-C

Manual Integrations
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mohammad
 10/16/2019 8:08:39 AM

Quant Time: Oct 14 08:58:53 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	229688	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	815561	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	445535	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	794499	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	662708	20.00	ng	-0.01
87) Perylene-d12	15.45	264	775114	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	197739	13.84	ng	-0.02
7) Phenol-d6	6.39	99	1424977	82.76	ng	-0.02
23) Nitrobenzene-d5	7.31	82	940651	70.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	10599	2.23	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1648329	59.86	ng	-0.02
79) Terphenyl-d14	12.90	244	1851786	56.58	ng	-0.02

Target Compounds				Qvalue		
9) Benzaldehyde	6.29	77	51334	5.723	ng	97
10) Phenol	6.40	94	80304	4.555	ng	92
49) Acenaphthylene	9.65	152	79494	2.026	ng	100
50) Dimethylphthalate	9.51	163	337174	10.891	ng	99
71) Phenanthrene	11.32	178	139981	3.508	ng	99
72) Anthracene	11.37	178	100350	2.536	ng	99
75) Fluoranthene	12.52	202	538494	12.016	ng	99
78) Pyrene	12.75	202	523902	11.462	ng	99
81) Benzo(a)anthracene	13.96	228	330786	8.181	ng	# 83
83) Chrysene	13.99	228	290868	7.329	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	150718	6.017	ng	97
86) Indeno(1,2,3-cd)pyrene	16.91	276	196648	3.967	ng	96
88) Benzo(b)fluoranthene	15.02	252	410110m	9.326	ng	
89) Benzo(k)fluoranthene	15.05	252	138349m	3.305	ng	
90) Benzo(a)pyrene	15.38	252	334850	8.169	ng	# 95
92) Benzo(g,h,i)perylene	17.35	276	205857	5.096	ng	99

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

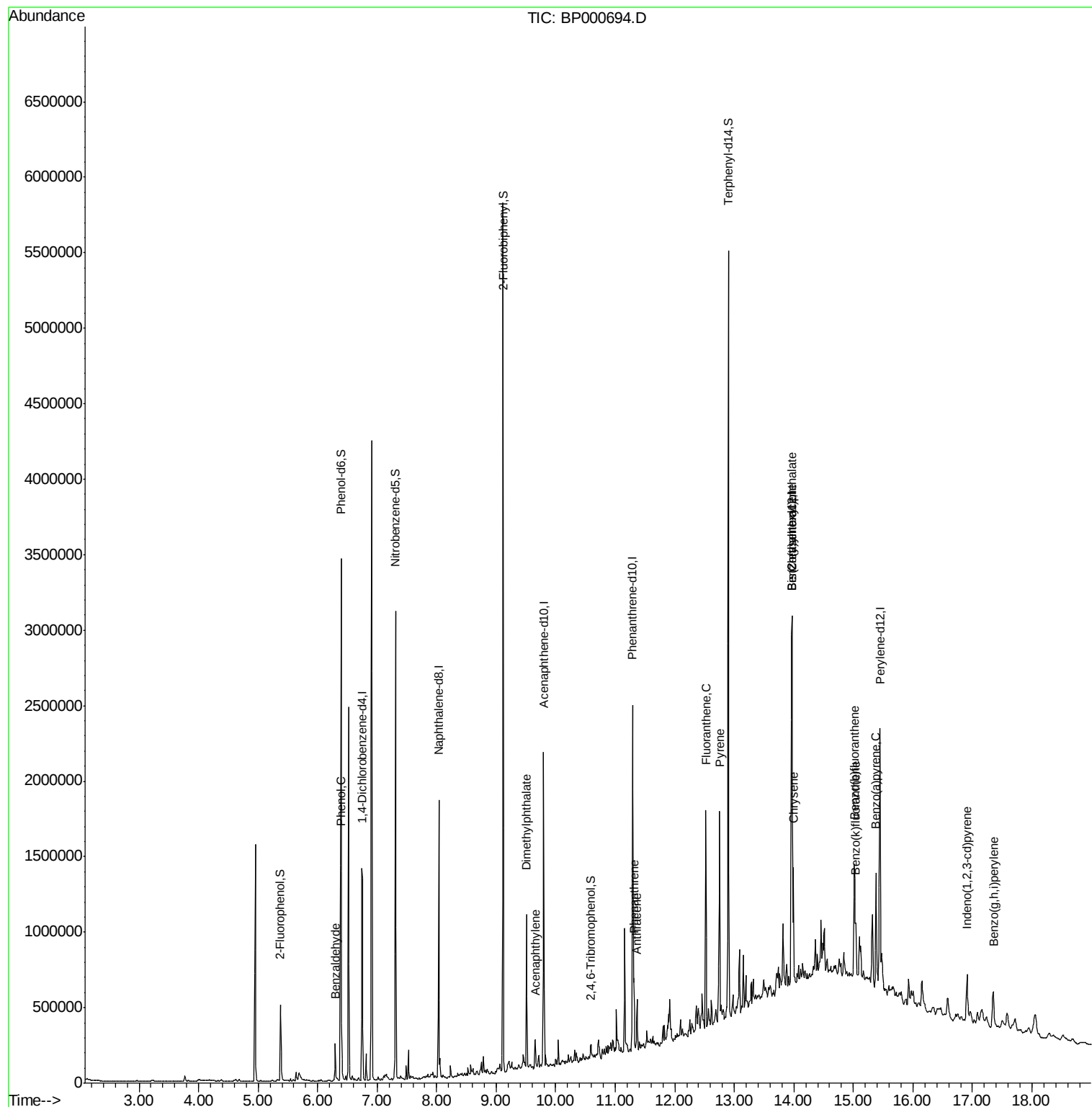
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000694.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

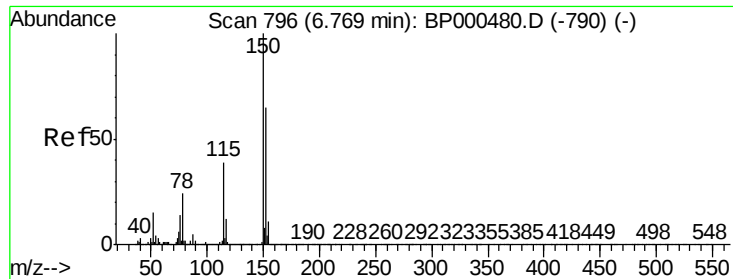
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

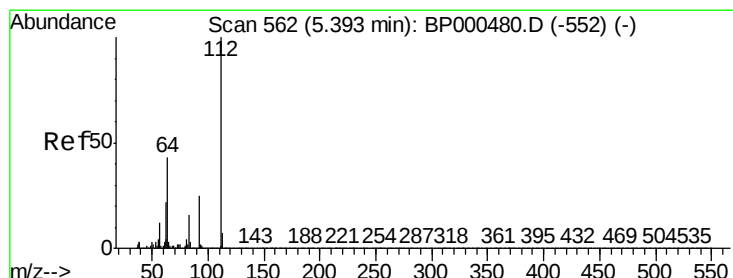
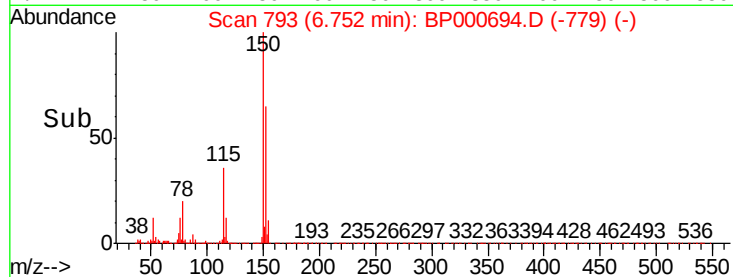
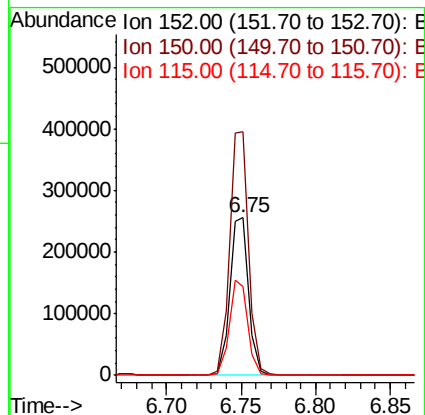
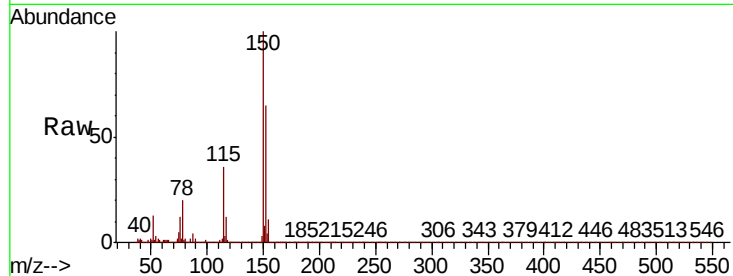
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.1	186.1
115	56.5	48.7	73.1

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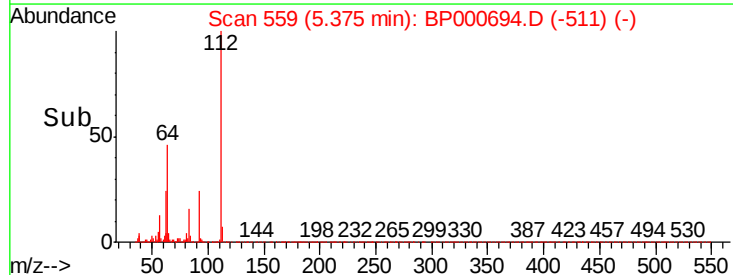
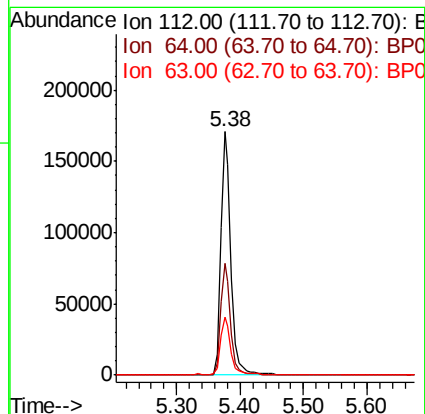
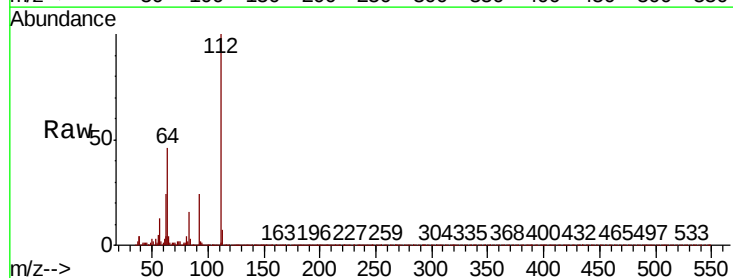
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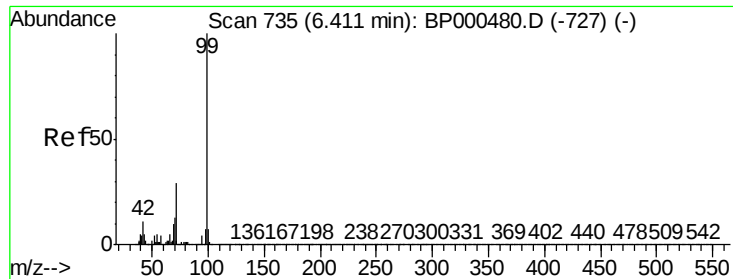


#5

2-Fluorophenol
Concen: 13.839 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.8	34.2	51.4
63	23.8	17.9	26.9





#7

Phenol-d6

Concen: 82.757 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000694.D

Acq: 13 Oct 2019 02:02

Instrument :

BNA_P

ClientSampleId :

20190827-COMPOSITE-C

Tot Ion: 99 Resp: 1424977

Ion Ratio Lower Upper

99 100

42 10.8 8.6 12.8

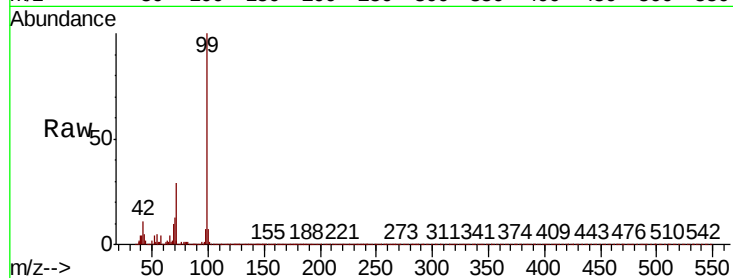
71 29.0 23.0 34.4

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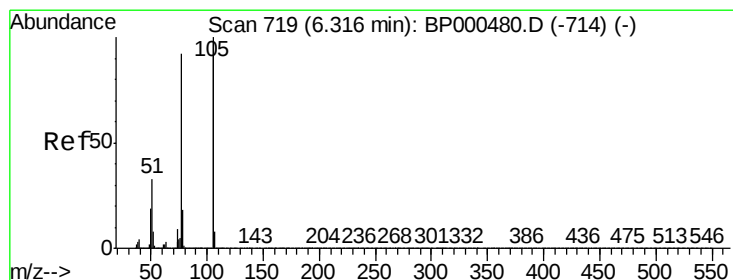
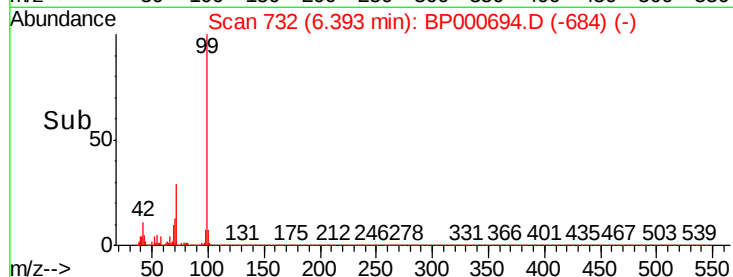
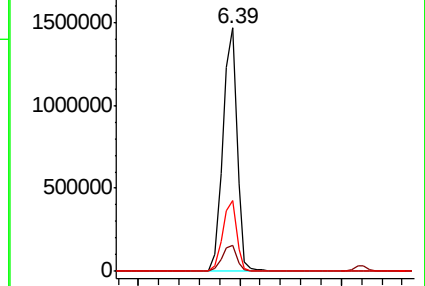
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#9

Benzaldehyde

Concen: 5.723 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BP000694.D

Acq: 13 Oct 2019 02:02

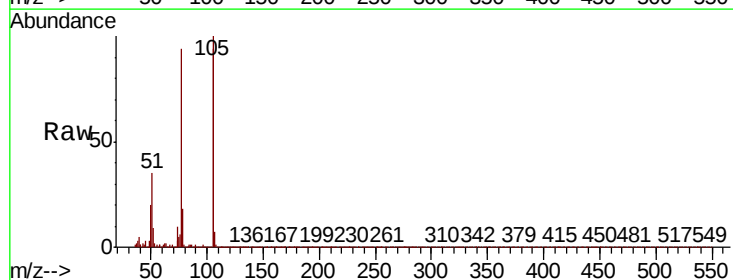
Tgt Ion: 77 Resp: 51334

Ion Ratio Lower Upper

77 100

105 106.6 88.3 128.3

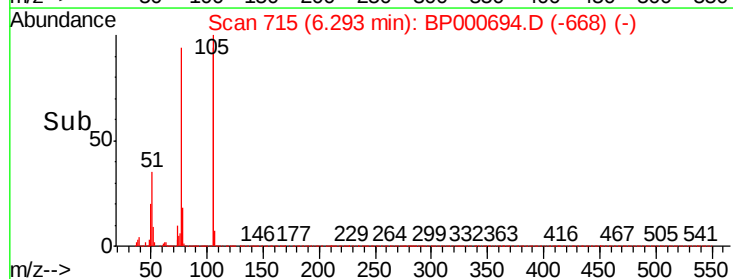
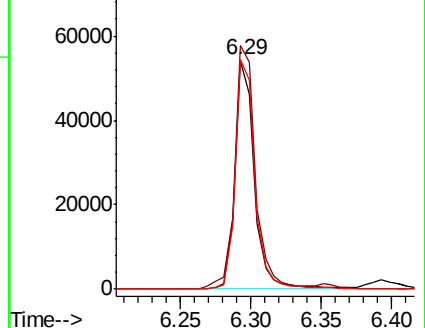
106 100.7 85.7 125.7

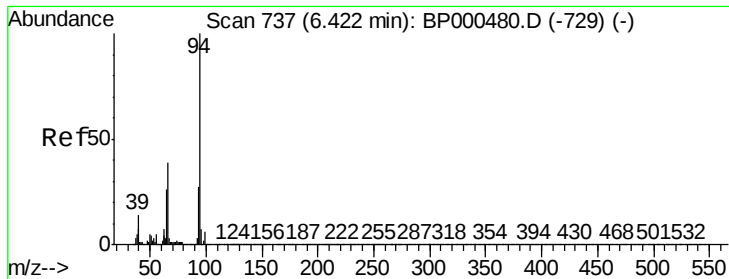


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





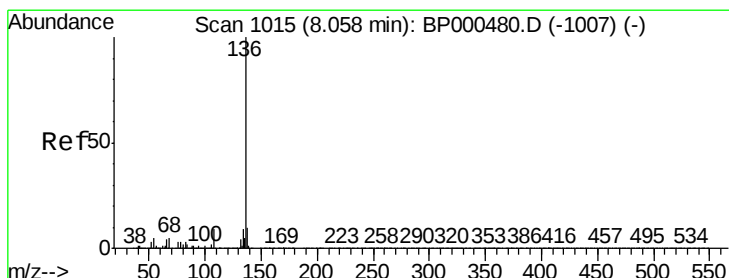
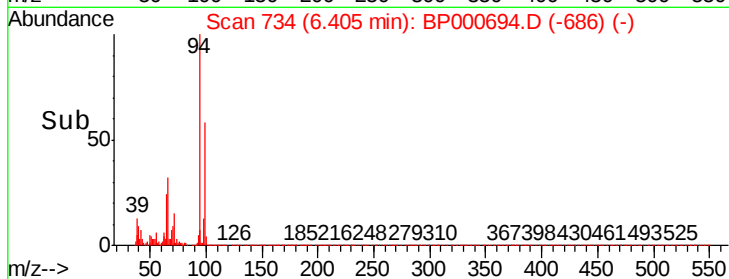
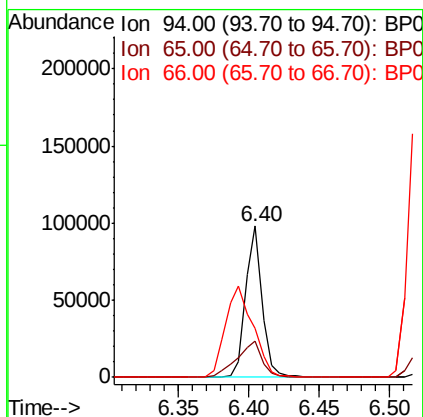
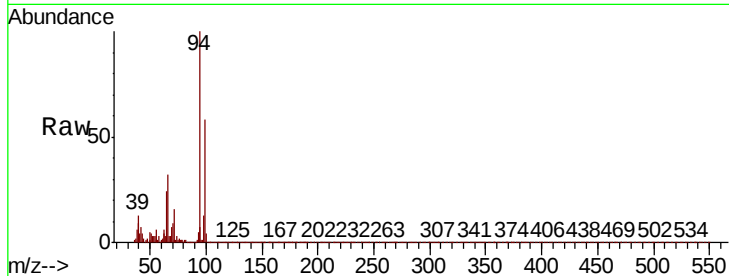
#10
Phenol
Concen: 4.555 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		80304		
65	23.7	5.9	45.9		
66	32.4	18.8	58.8		

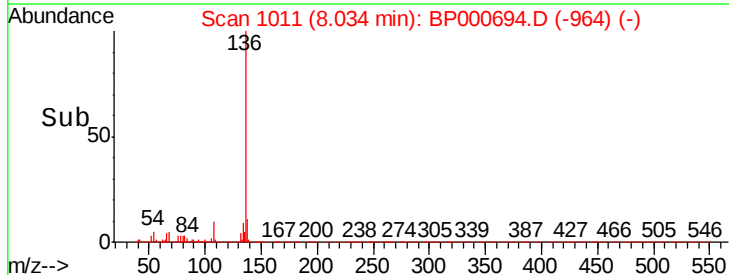
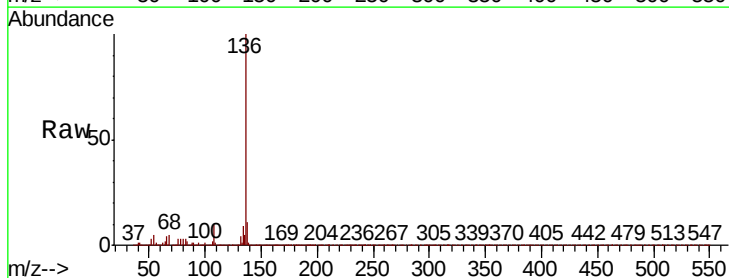
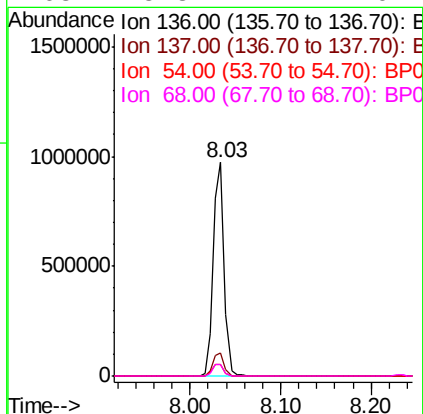
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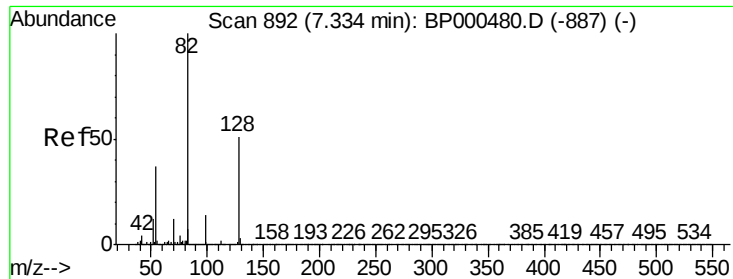
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		815561		
137	10.9	8.2	12.4		
54	5.4	4.1	6.1		
68	5.3	4.1	6.1		





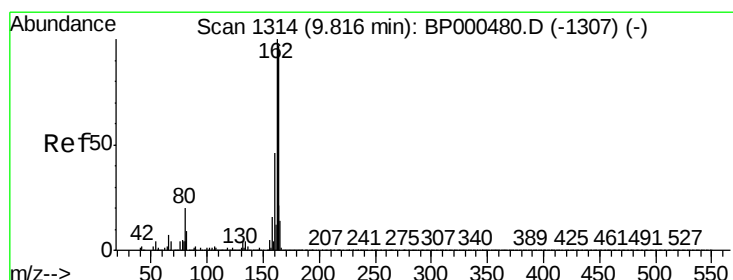
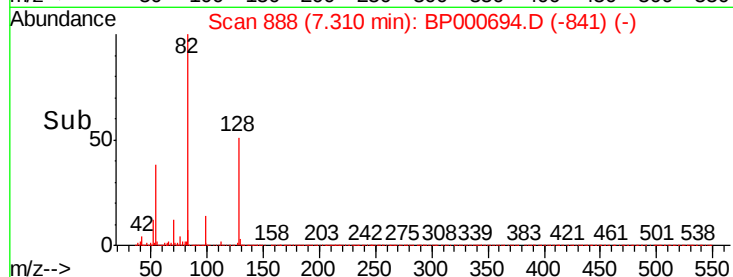
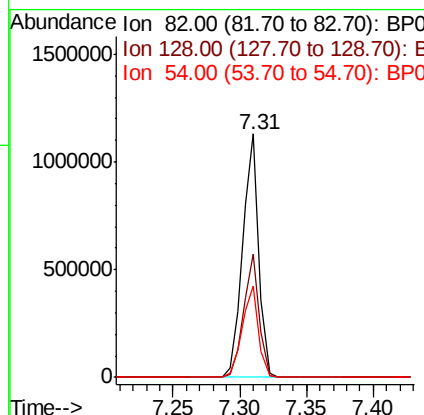
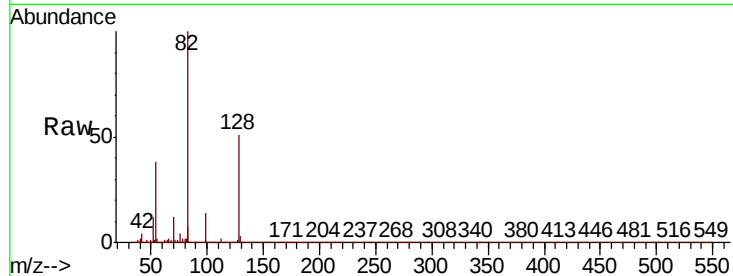
#23
Nitrobenzene-d5
Concen: 70.443 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Tot Ion	82	Resp	940651
Ion Ratio	Lower	Upper	
82	100		
128	50.6	40.9	61.3
54	37.6	29.4	44.2

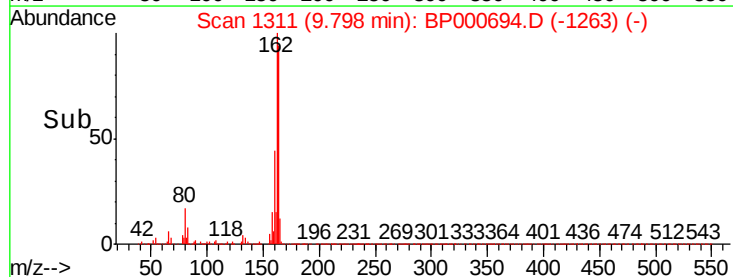
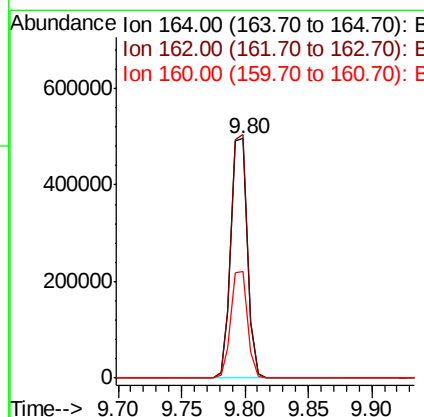
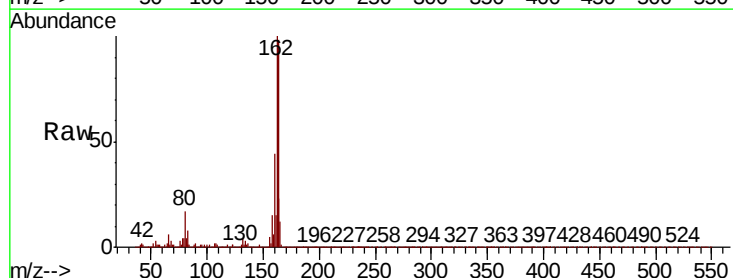
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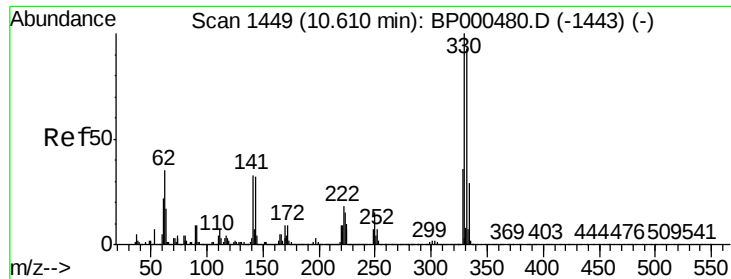
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Tgt Ion	164	Resp	445535
Ion Ratio	Lower	Upper	
164	100		
162	101.8	82.2	123.2
160	44.6	37.6	56.4





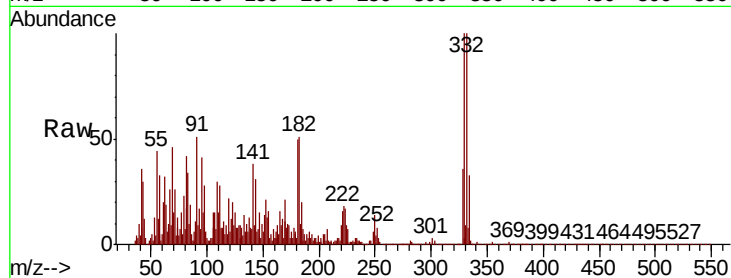
#42
2,4,6-Tribromophenol
Concen: 2.232 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	77.1	115.7	
141	33.2	26.0	39.0	

Manual Integrations
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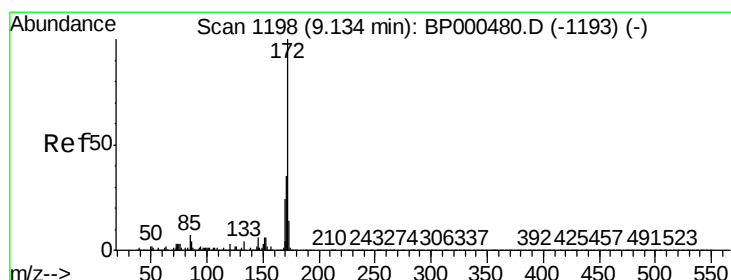
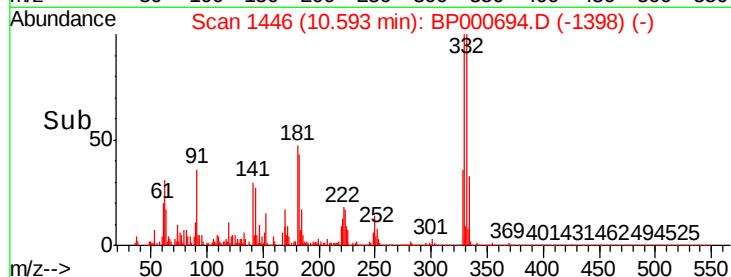
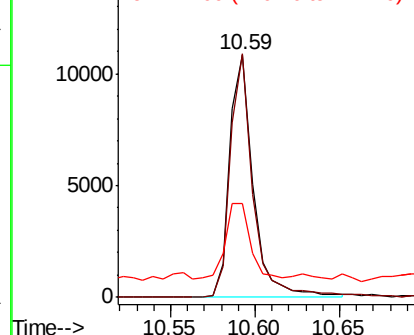


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 59.860 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

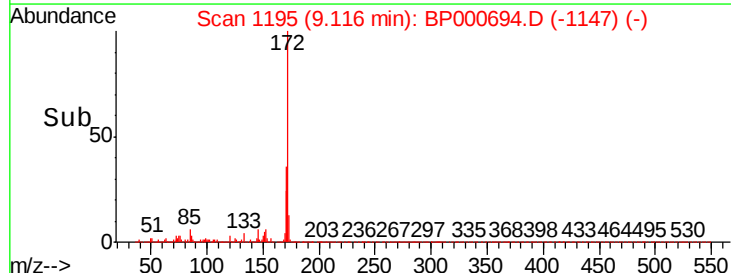
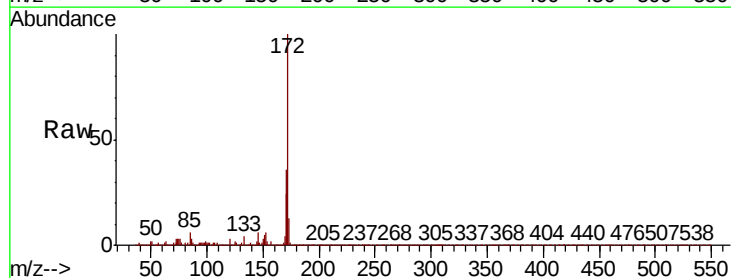
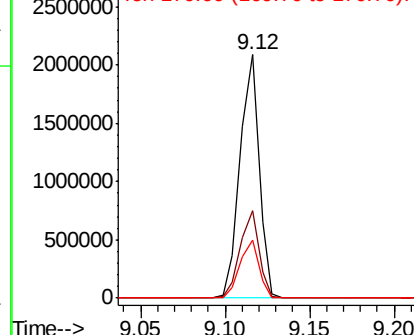
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	28.4	42.6	
170	24.0	19.1	28.7	

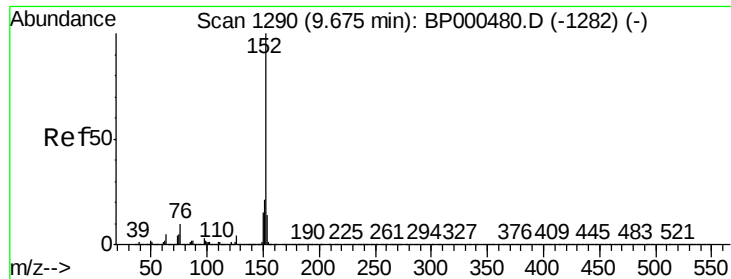
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





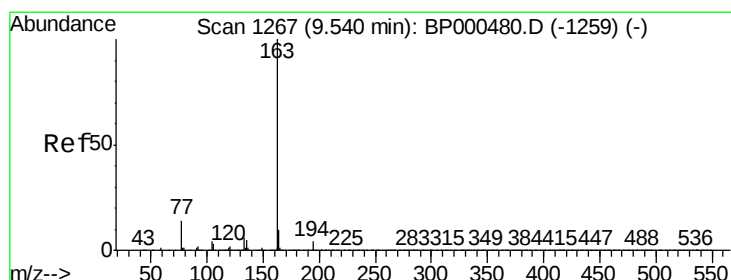
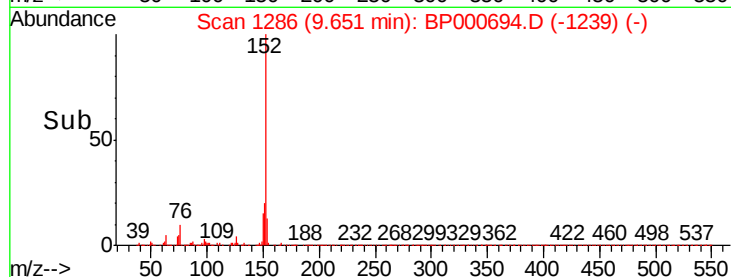
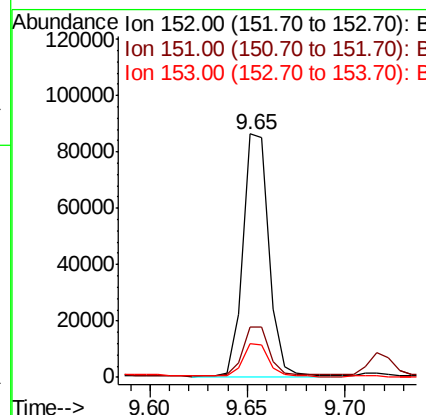
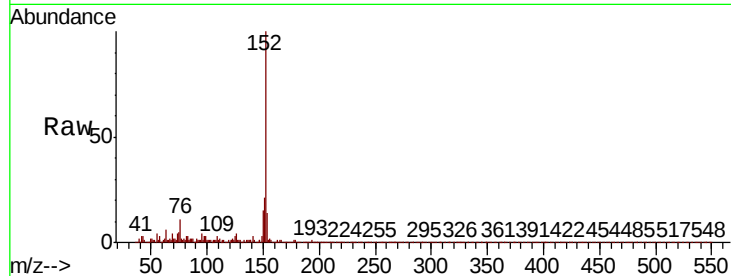
#49
Acenaphthylene
Concen: 2.026 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Tot Ion:	152	Resp:	79494
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.6	25.0
153	14.0	11.0	16.6

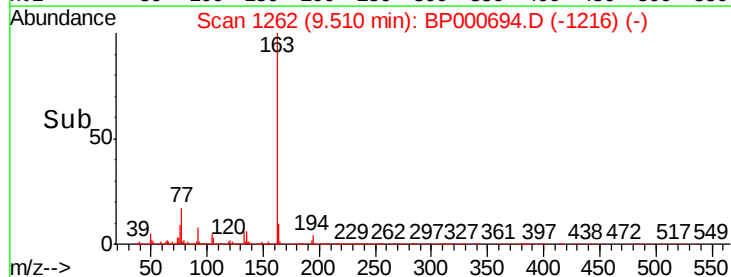
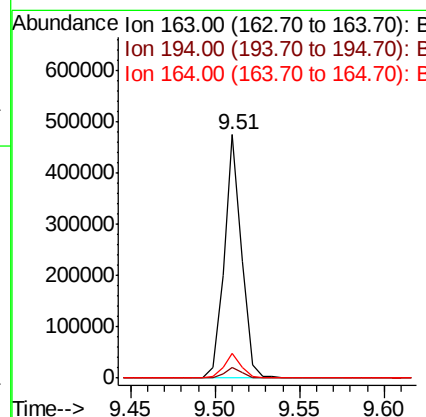
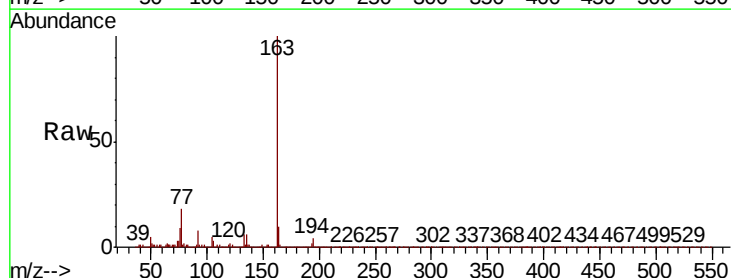
Manual Integrations
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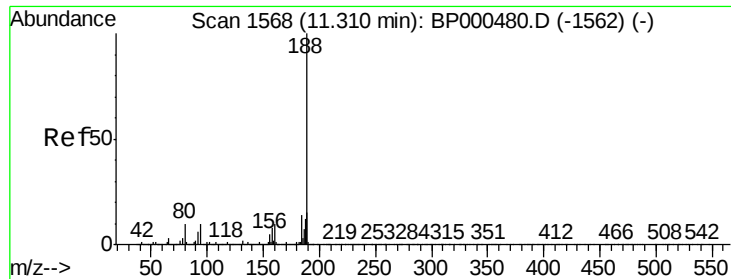
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#50
Dimethylphthalate
Concen: 10.891 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Tgt Ion:	163	Resp:	337174
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	10.2	8.0	12.0





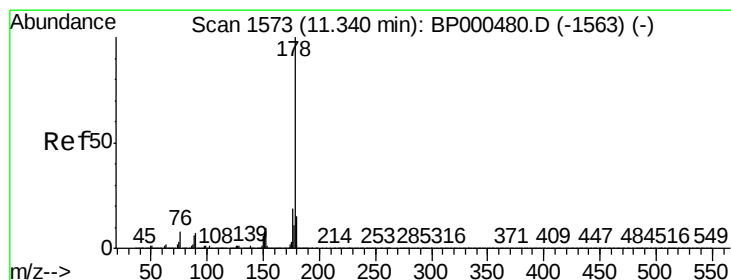
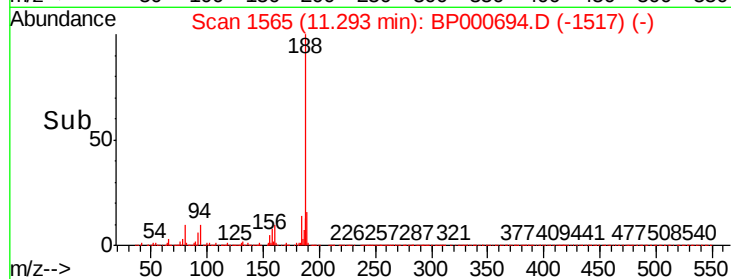
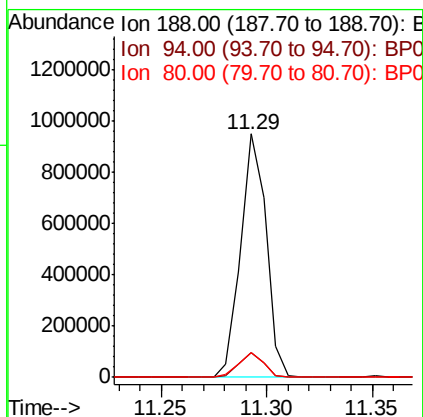
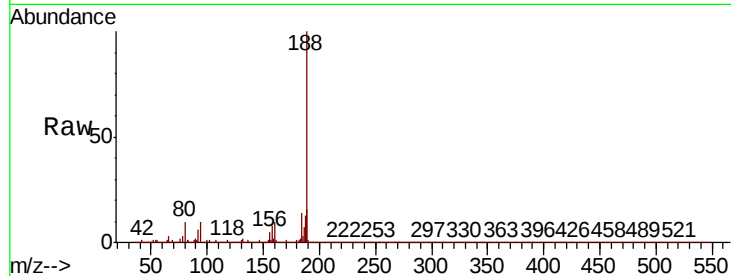
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Tot Ion:	188	Resp:	794499
Ion Ratio	Lower	Upper	
188	100		
94	10.3	8.2	12.2
80	10.4	8.3	12.5

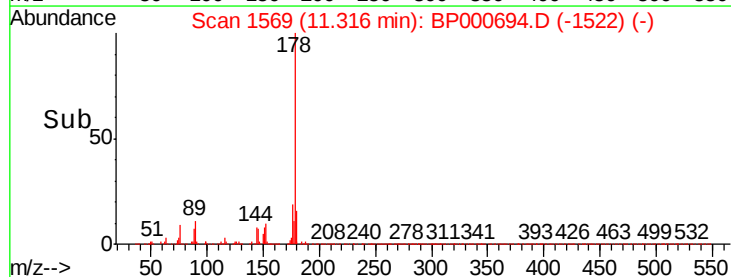
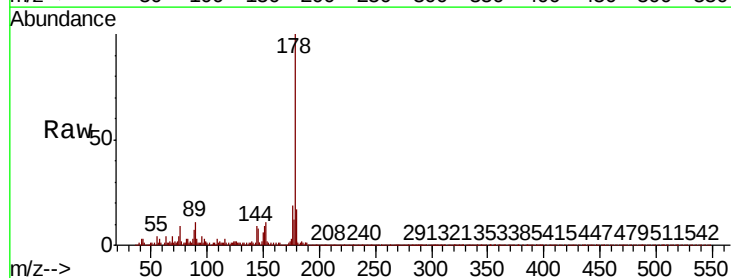
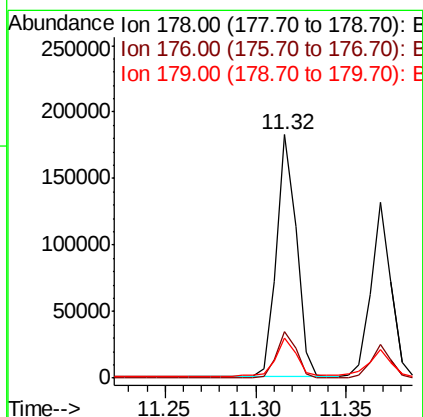
Manual Integrations
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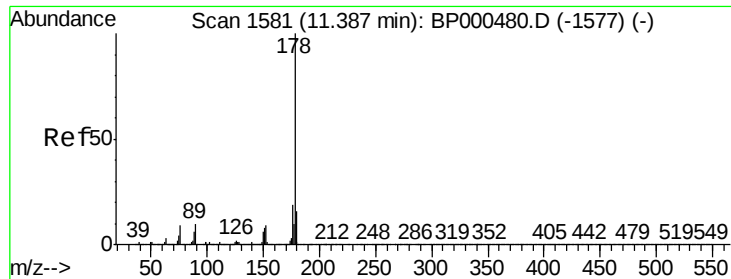
mohammad
10/16/2019 8:08:39 AM



#71
Phenanthrene
Concen: 3.508 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Tgt Ion:	178	Resp:	139981
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.4	23.2
179	16.5	12.2	18.4





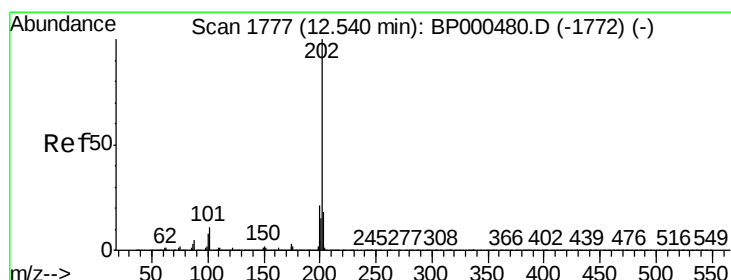
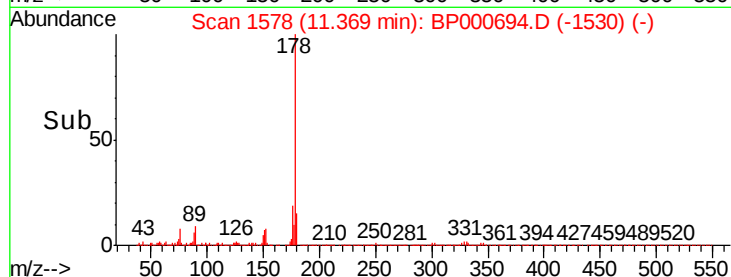
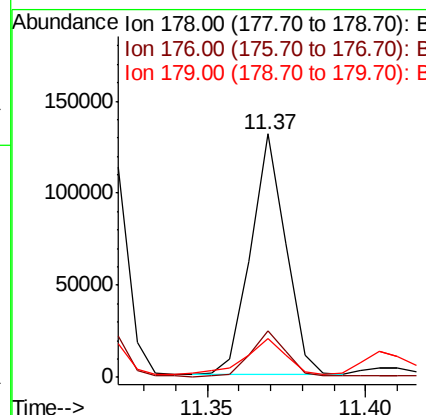
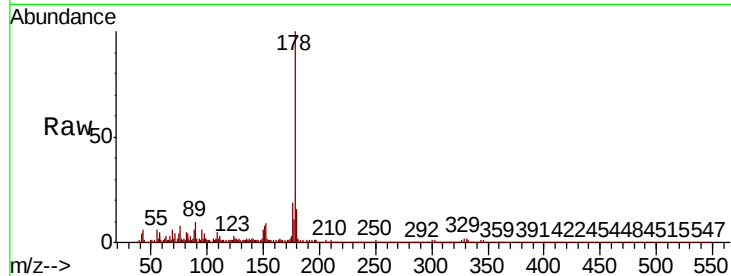
#72
 Anthracene
 Concen: 2.536 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.02 min
 Lab File: BP000694.D
 Acq: 13 Oct 2019 02:02

Instrument :
 BNA_P
 ClientSampleId :
 20190827-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	16.2	12.6	19.0

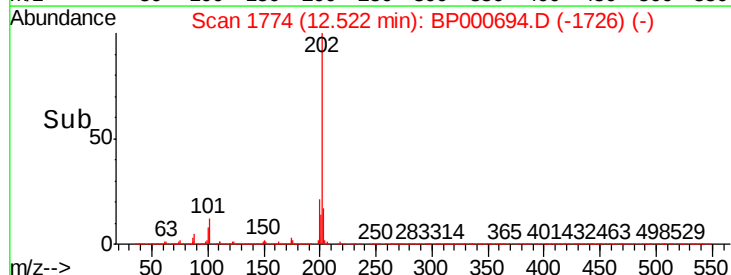
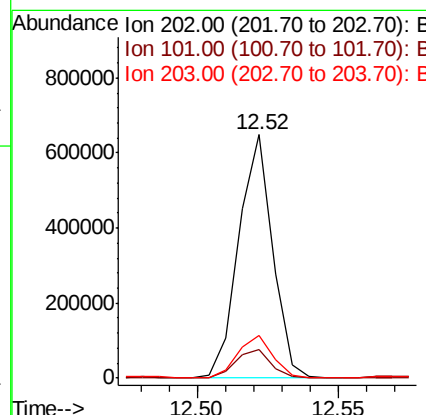
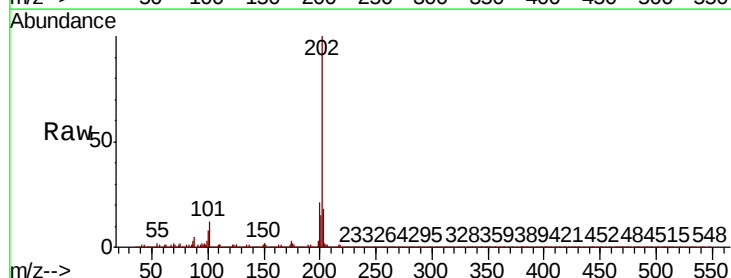
Manual Integrations
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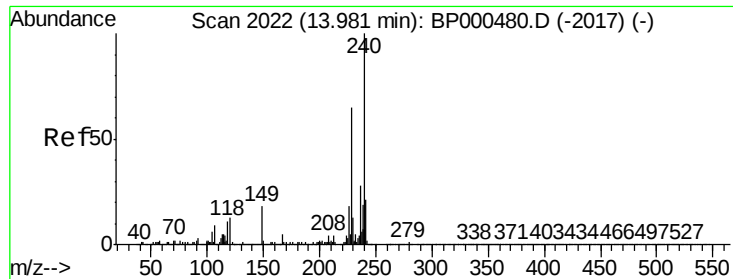
mohammad
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#75
 Fluoranthene
 Concen: 12.016 ng
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BP000694.D
 Acq: 13 Oct 2019 02:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.3
203	17.6	0.0	38.1





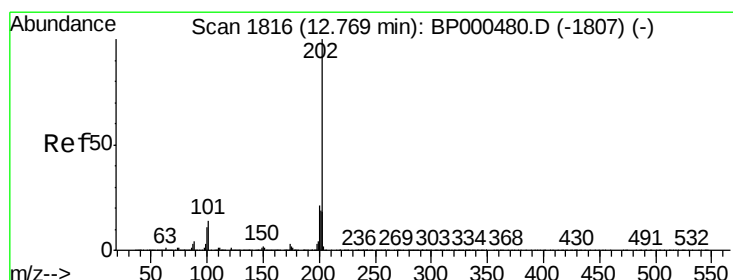
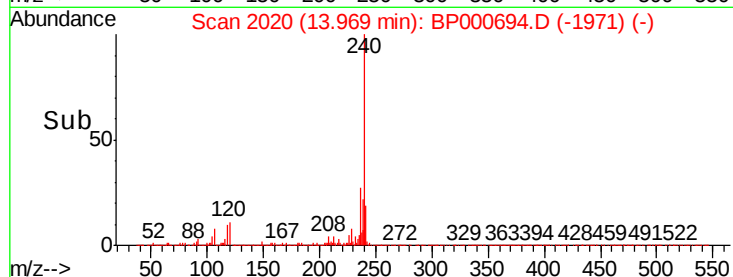
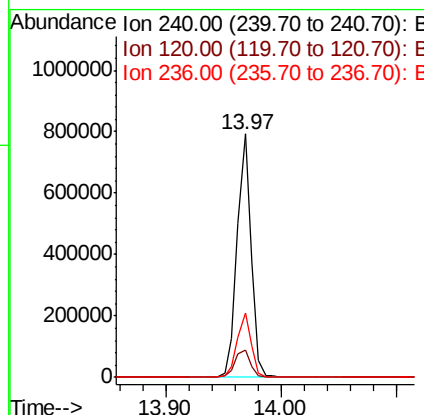
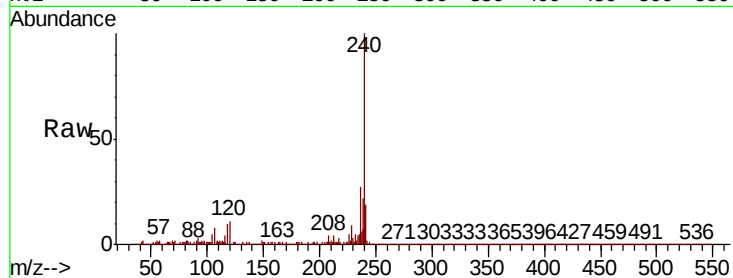
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.1	15.1
236	26.7	22.7	34.1

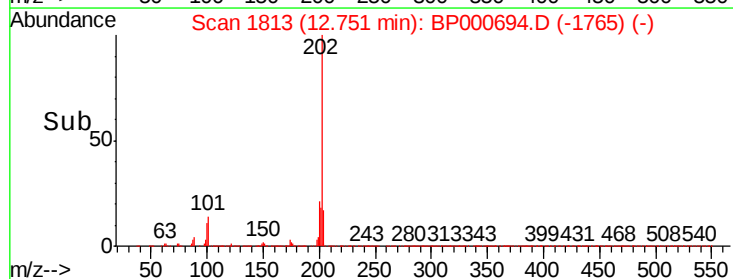
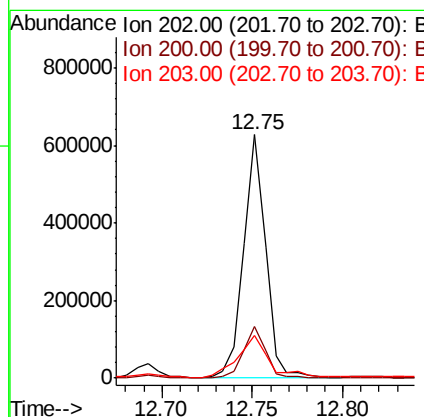
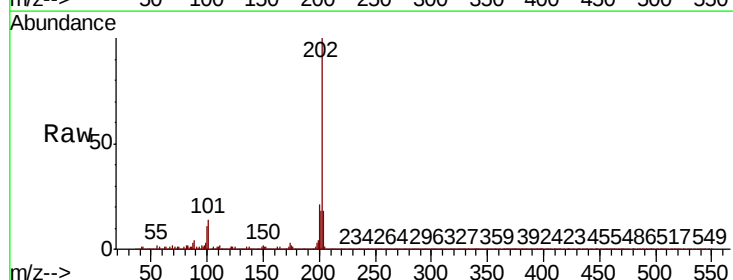
Manual Integrations
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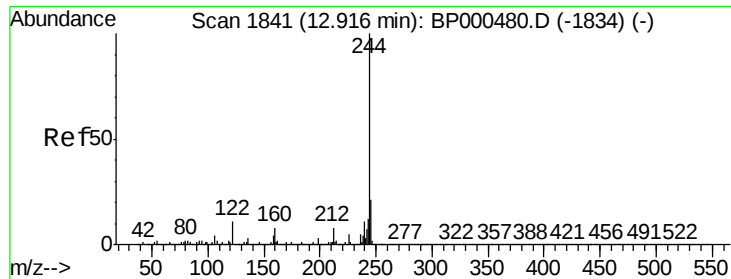
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#78
Pyrene
Concen: 11.462 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.7	14.6	21.8





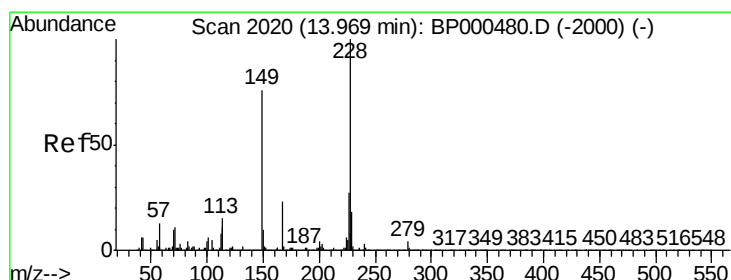
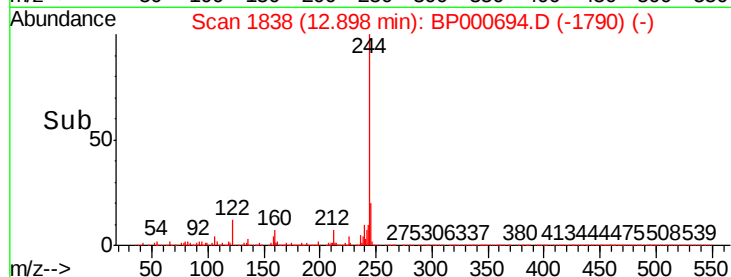
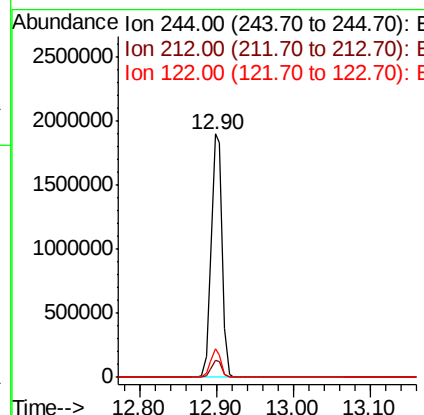
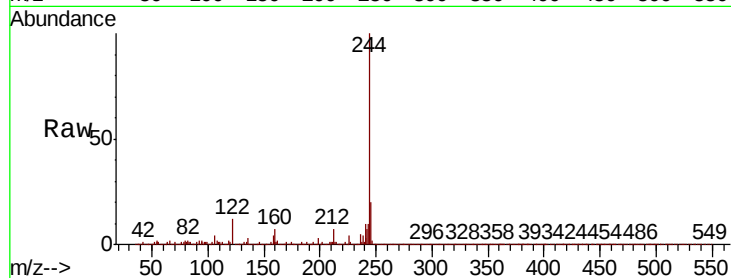
#79
 Terphenyl-d14
 Concen: 56.576 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BP000694.D
 Acq: 13 Oct 2019 02:02

Instrument :
 BNA_P
 ClientSampleId :
 20190827-COMPOSITE-C

Tot Ion:244 Resp: 1851786
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.9 8.9 13.3

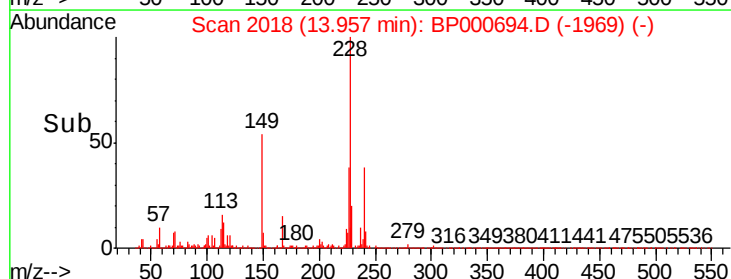
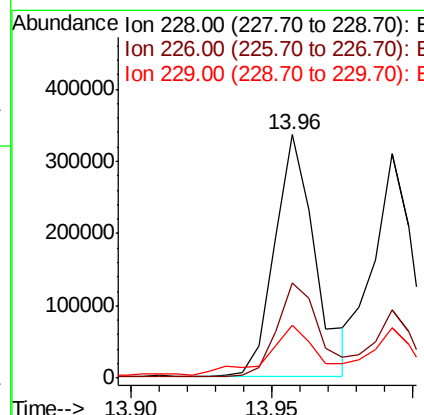
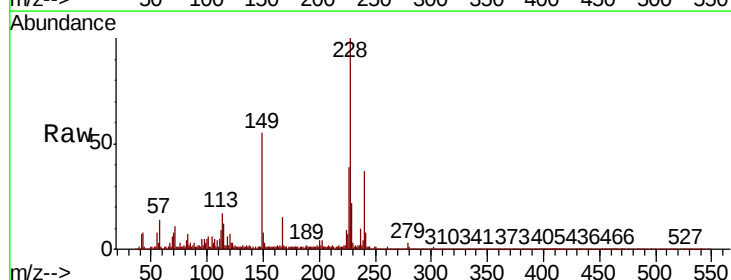
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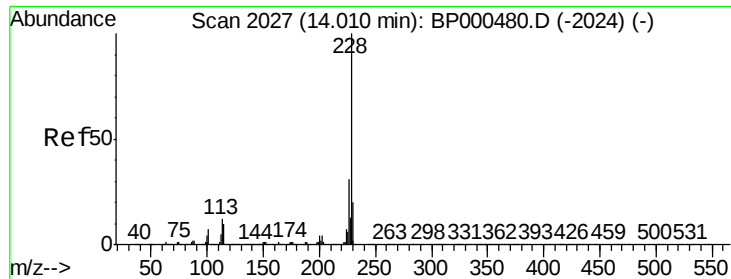
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#81
 Benzo(a)anthracene
 Concen: 8.181 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000694.D
 Acq: 13 Oct 2019 02:02

Tgt Ion:228 Resp: 330786
 Ion Ratio Lower Upper
 228 100
 226 39.1 21.4 32.2#
 229 21.6 14.7 22.1





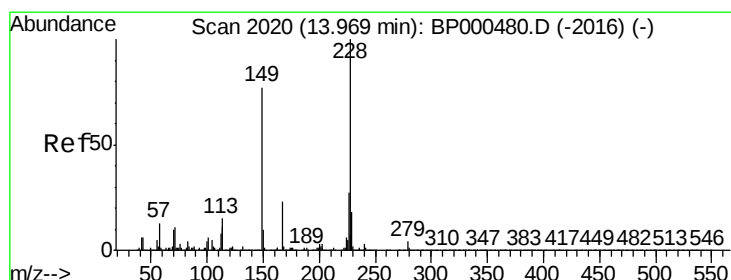
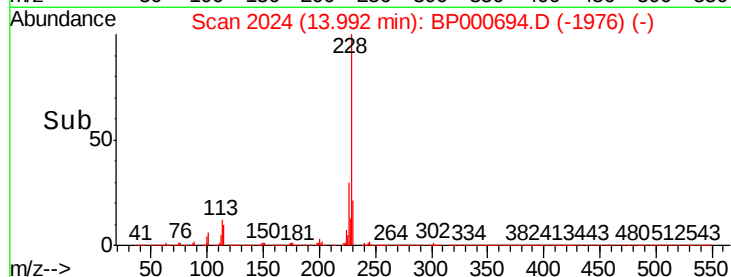
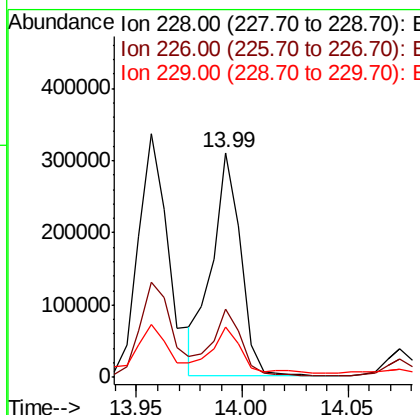
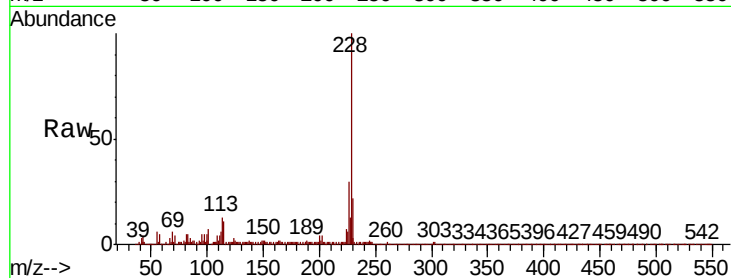
#83
 Chrysene
 Concen: 7.329 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BP000694.D
 Acq: 13 Oct 2019 02:02

Instrument :
 BNA_P
 ClientSampleId :
 20190827-COMPOSITE-C

Tot Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.7	37.1
229	22.2	16.3	24.5

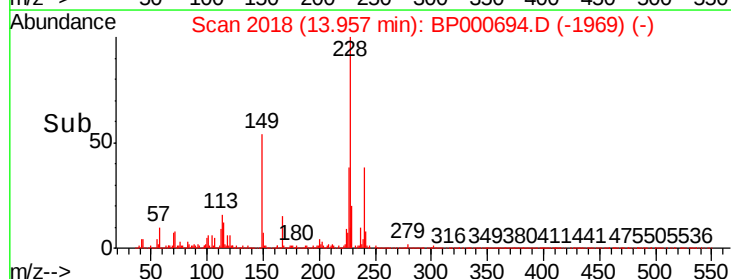
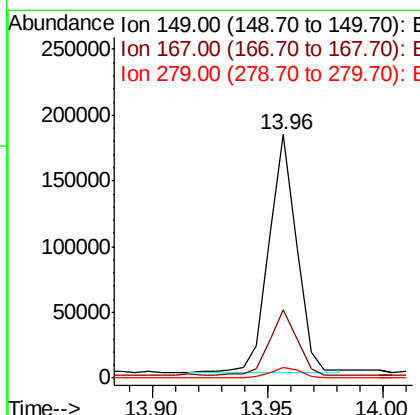
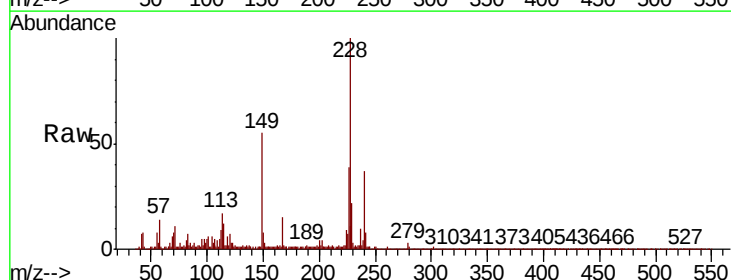
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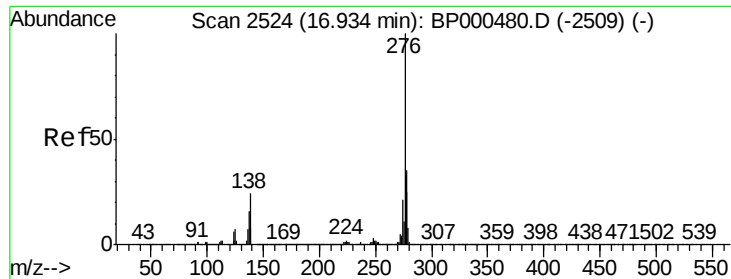
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.017 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000694.D
 Acq: 13 Oct 2019 02:02

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	27.9	23.6	35.4
279	4.6	3.9	5.9





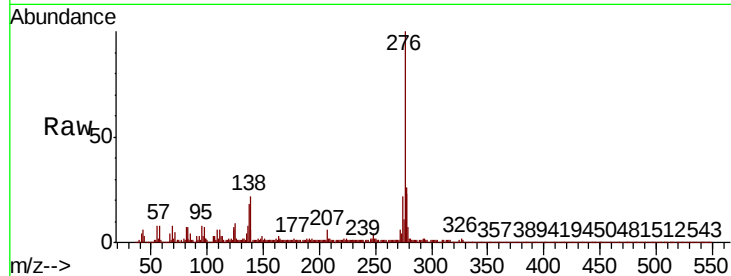
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.967 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	20.9	31.3
277	25.4	20.6	30.8

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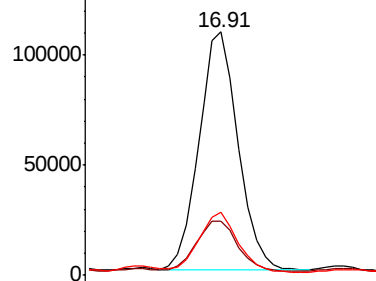


Abundance

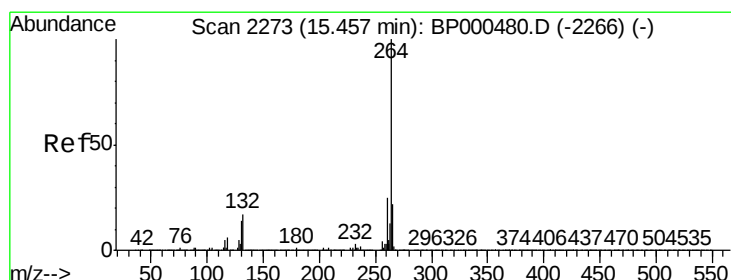
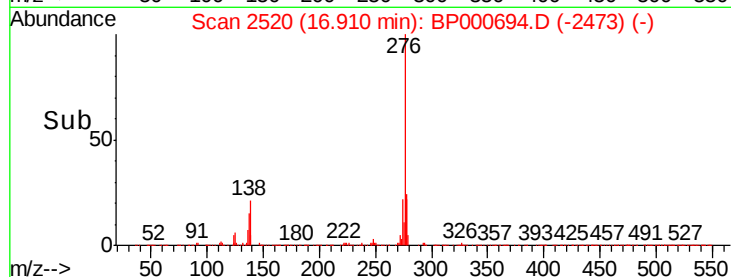
Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

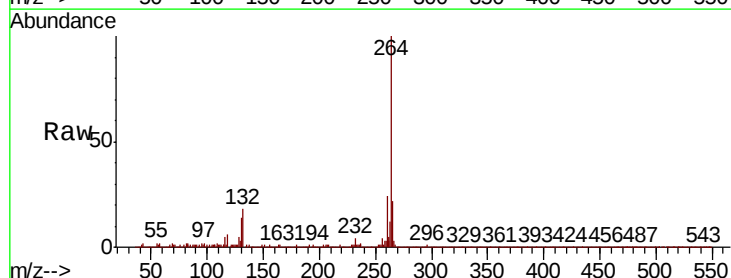


Time-->



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	22.0	18.0	27.0

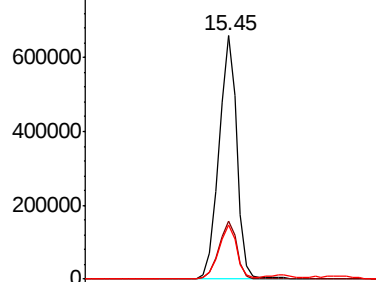


Abundance

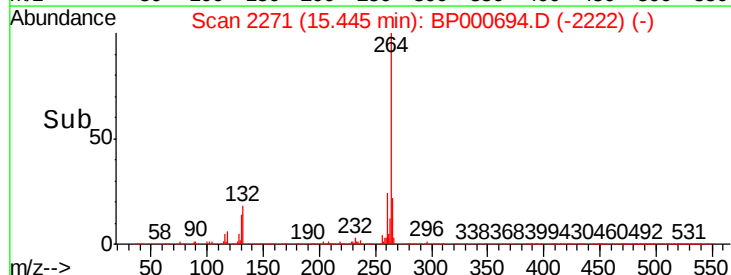
Ion 264.00 (263.70 to 264.70): E

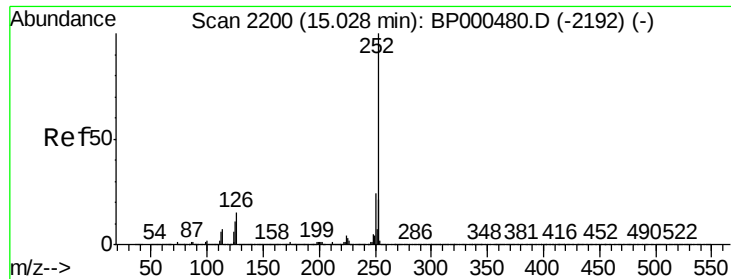
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





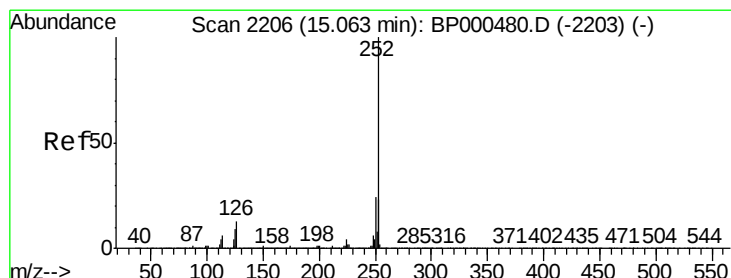
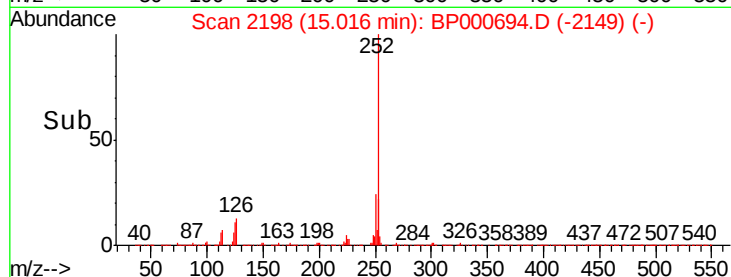
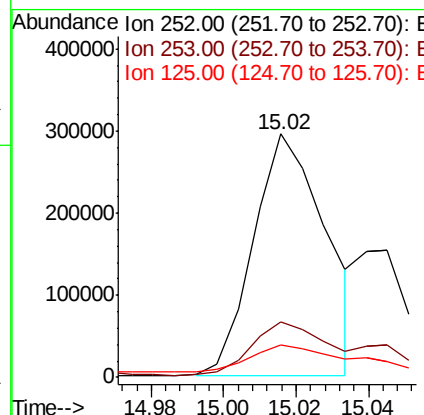
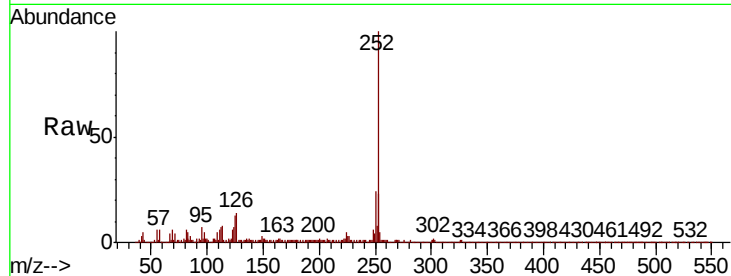
#88
Benzo(b)fluoranthene
Concen: 9.326 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	13.3	8.9	13.3

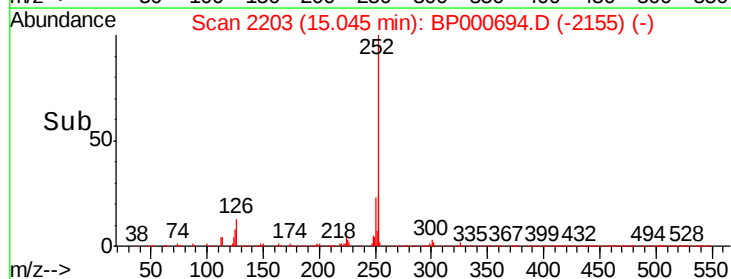
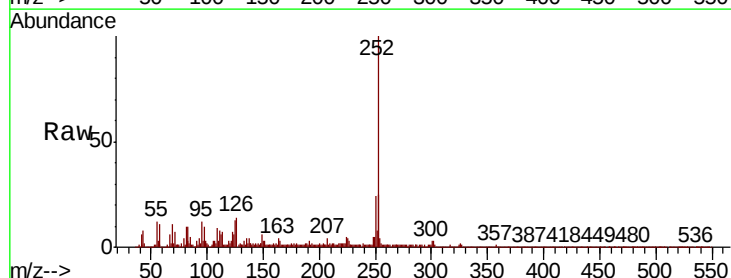
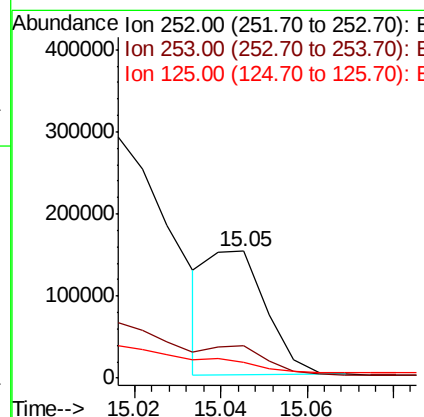
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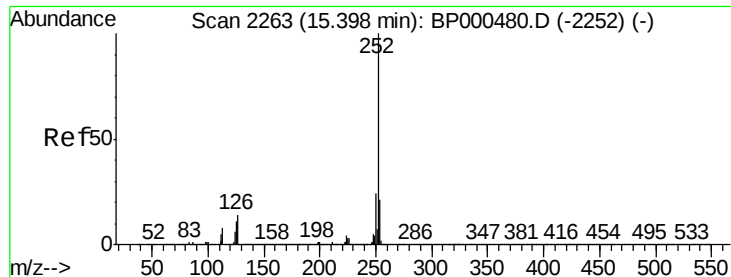
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.305 ng m
RT: 15.05 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.4	27.6
125	12.8	7.8	11.8





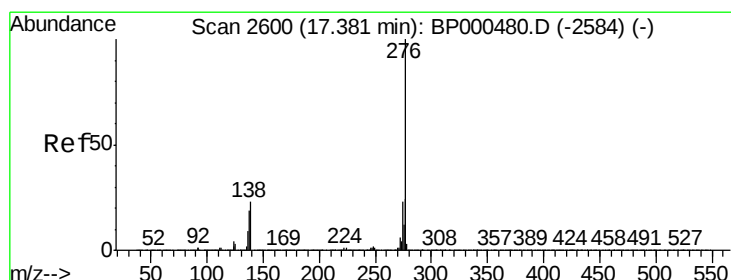
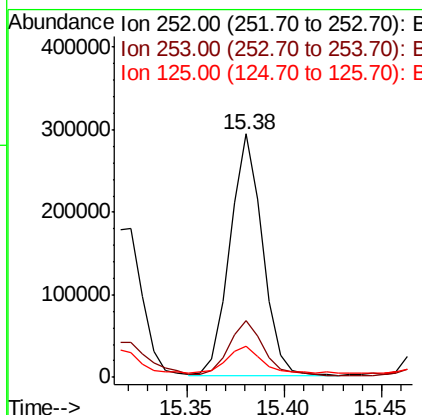
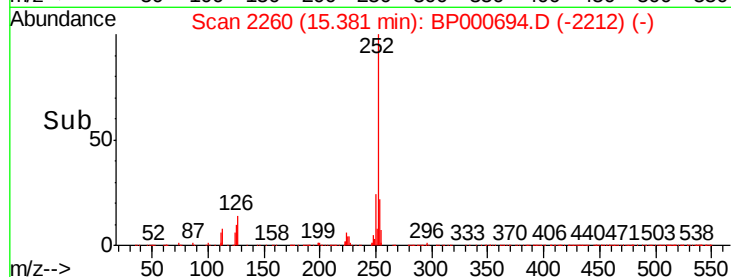
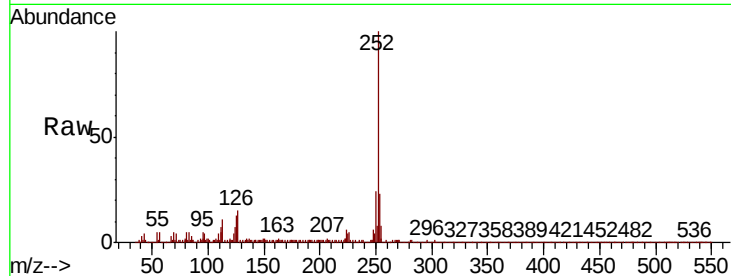
#90
Benzo(a)pyrene
Concen: 8.169 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	12.7	8.4	12.6

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#92
Benzo(g,h,i)perylene
Concen: 5.096 ng
RT: 17.35 min Scan# 2594
Delta R.T. -0.04 min
Lab File: BP000694.D
Acq: 13 Oct 2019 02:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	23.6	18.5	27.7

