

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000697.D
 Acq On : 13 Oct 2019 03:16
 Operator : JU
 Sample : K5348-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190830-COMPOSITE-F

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:08:47 AM

Quant Time: Oct 14 07:20:23 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	215449	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	767406	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	417583	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	747689	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	629950	20.00	ng	-0.01
87) Perylene-d12	15.45	264	736881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	366225	27.32	ng	-0.02
7) Phenol-d6	6.39	99	1275229	78.95	ng	-0.02
23) Nitrobenzene-d5	7.31	82	838944	66.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	63760	14.33	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1446862	56.06	ng	-0.02
79) Terphenyl-d14	12.90	244	1629073	52.36	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.29	77	40131	4.770	ng	95
10) Phenol	6.40	94	93059	5.627	ng	93
50) Dimethylphthalate	9.51	163	283569	9.773	ng	99
71) Phenanthrene	11.32	178	89185	2.375	ng	99
75) Fluoranthene	12.52	202	305334	7.240	ng	100
78) Pyrene	12.75	202	331619	7.633	ng	99
81) Benzo(a)anthracene	13.96	228	195894	5.097	ng	# 82
83) Chrysene	13.99	228	181494	4.811	ng	96
84) Bis(2-ethylhexyl)phthalate	13.96	149	138594	5.821	ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	126163	2.677	ng	97
88) Benzo(b)fluoranthene	15.02	252	285173m	6.821	ng	
90) Benzo(a)pyrene	15.38	252	215753	5.536	ng	# 87
92) Benzo(a,h,i)perylene	17.36	276	130529	3.399	ng	97

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

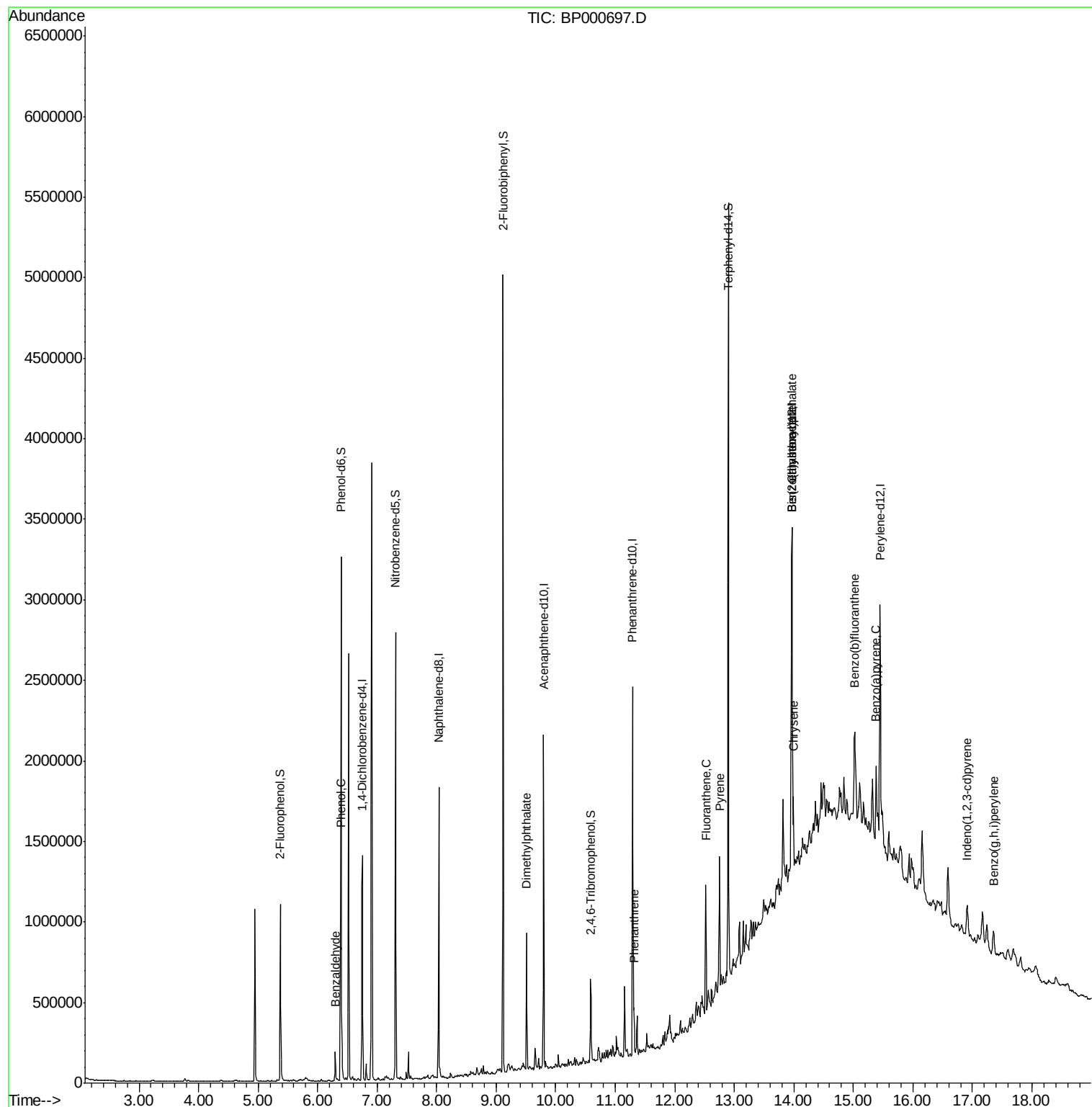
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000697.D
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ALS Vial : 26 Sample Multiplier: 1

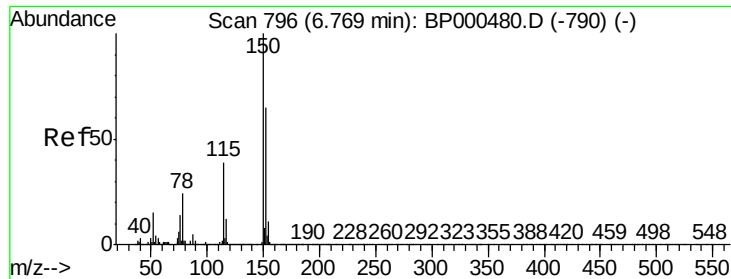
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

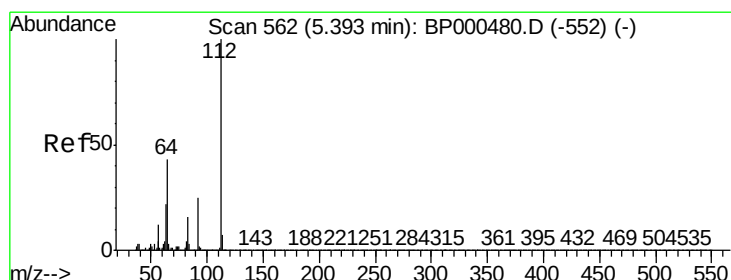
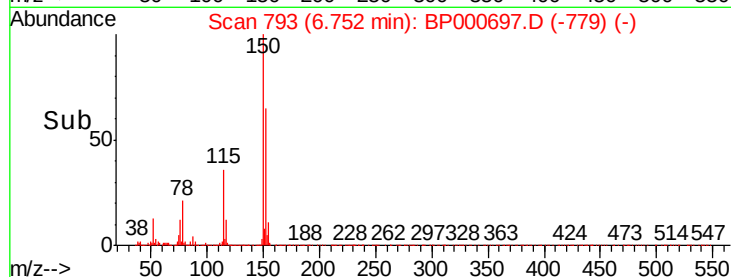
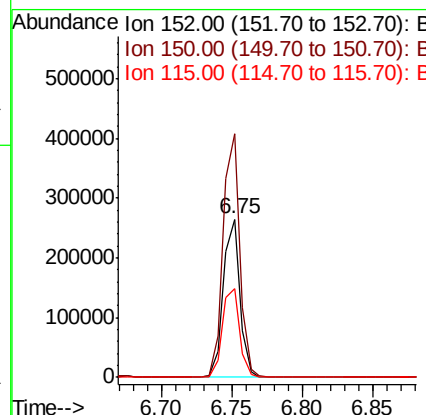
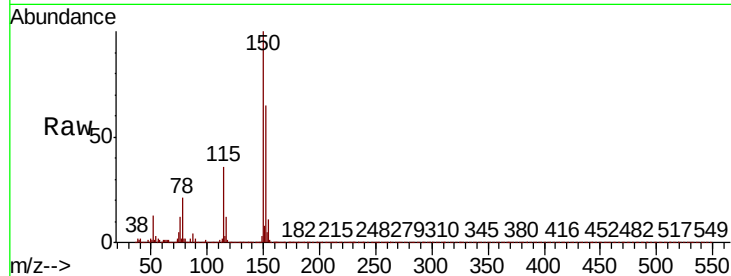
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :
20190830-COMPOSITE-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.1	186.1
115	56.0	48.7	73.1

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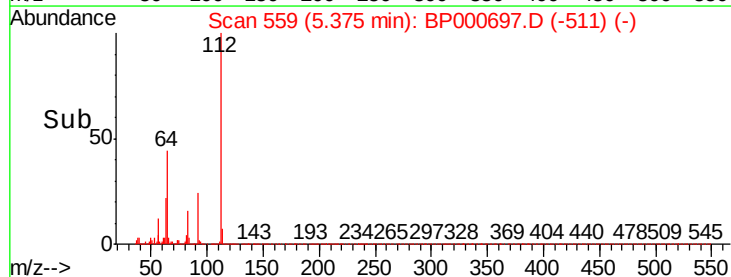
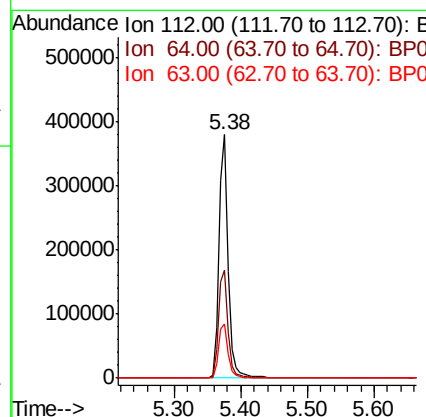
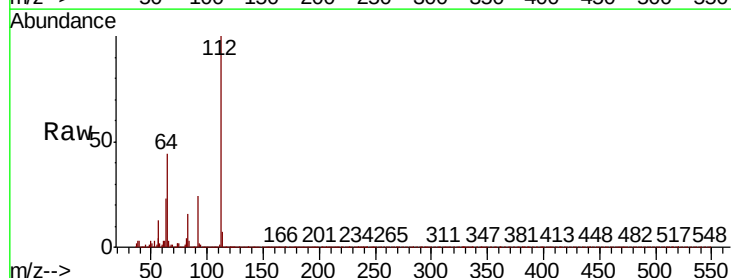
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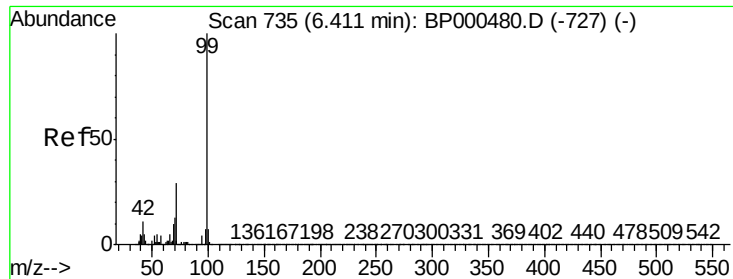


#5

2-Fluorophenol
Concen: 27.324 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	34.2	51.4
63	22.5	17.9	26.9





#7

Phenol-d6

Concen: 78.954 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000697.D

Acq: 13 Oct 2019 03:16

Instrument :

BNA_P

ClientSampleId :

20190830-COMPOSITE-F

Tot Ion: 99 Resp: 1275229

Ion Ratio Lower Upper

99 100

42 10.8 8.6 12.8

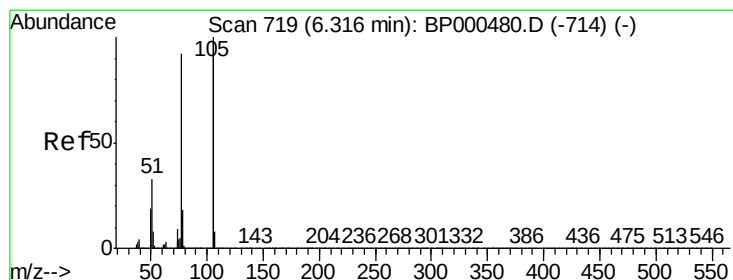
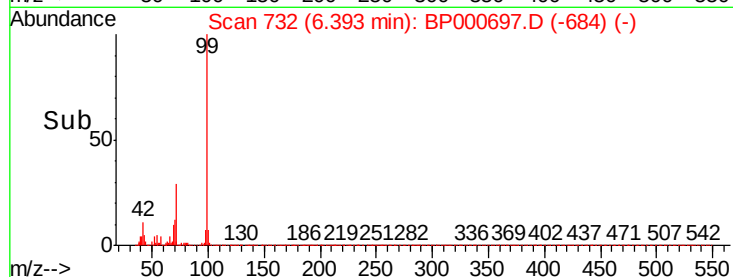
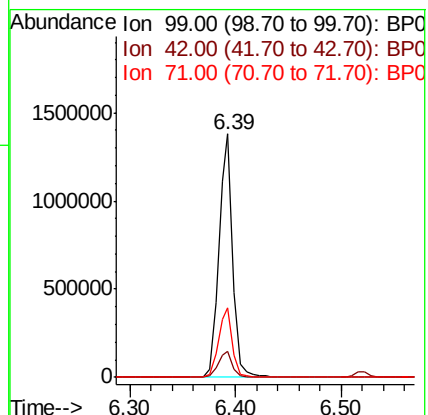
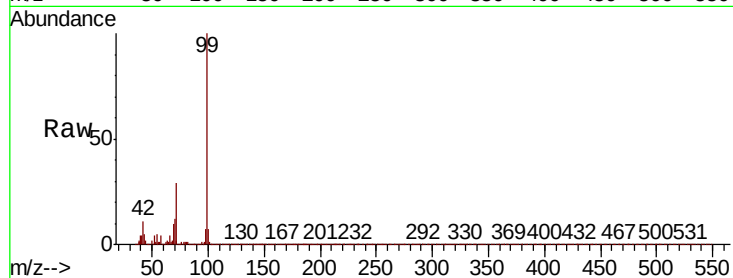
71 28.7 23.0 34.4

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#9

Benzaldehyde

Concen: 4.770 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BP000697.D

Acq: 13 Oct 2019 03:16

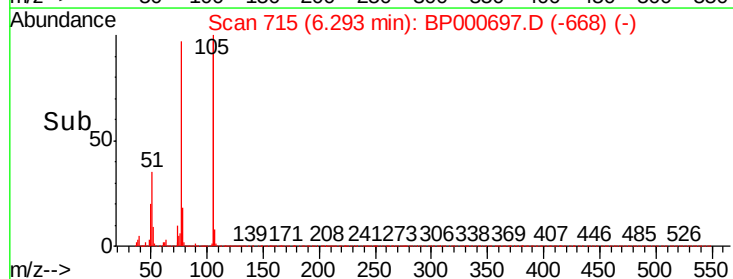
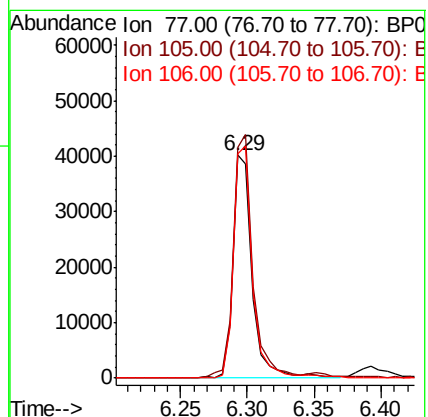
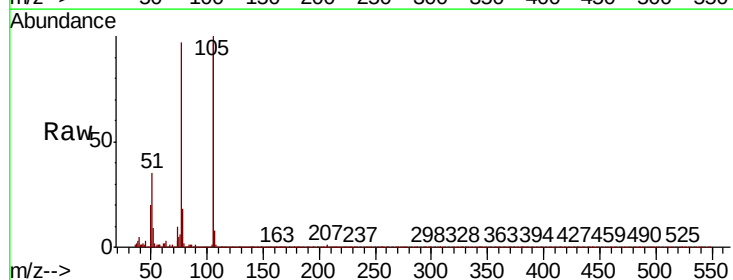
Tgt Ion: 77 Resp: 40131

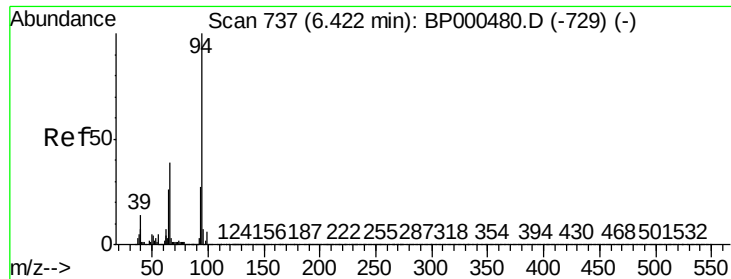
Ion Ratio Lower Upper

77 100

105 103.4 88.3 128.3

106 100.4 85.7 125.7





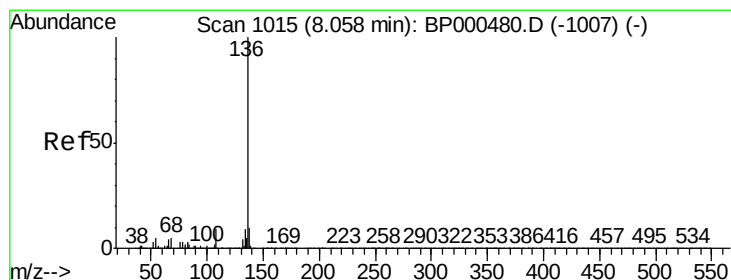
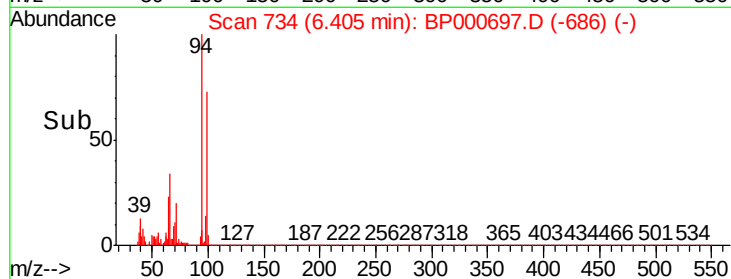
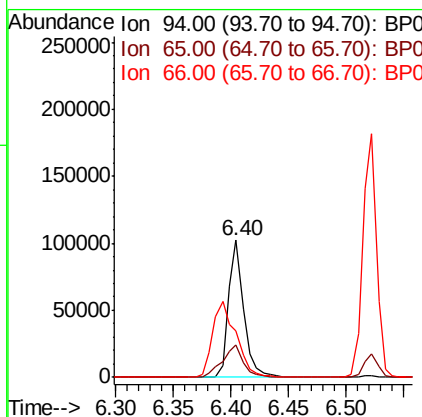
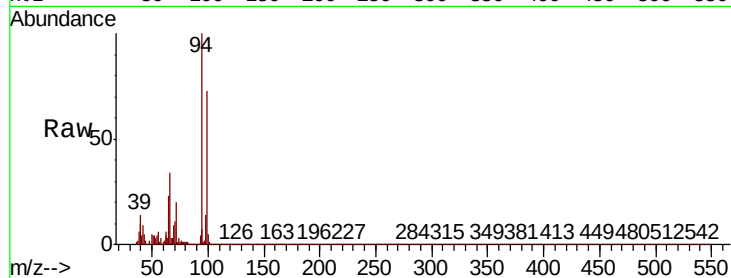
#10
Phenol
Concen: 5.627 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :
20190830-COMPOSITE-F

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	23.4	5.9	45.9		
66	33.9	18.8	58.8		

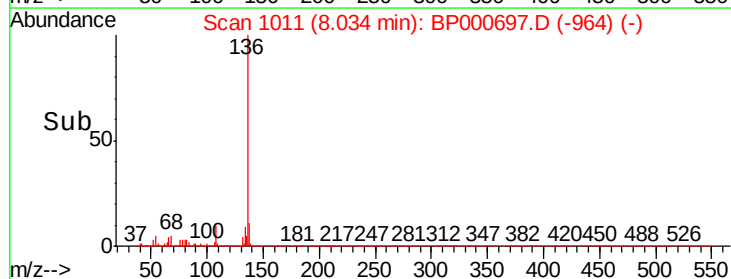
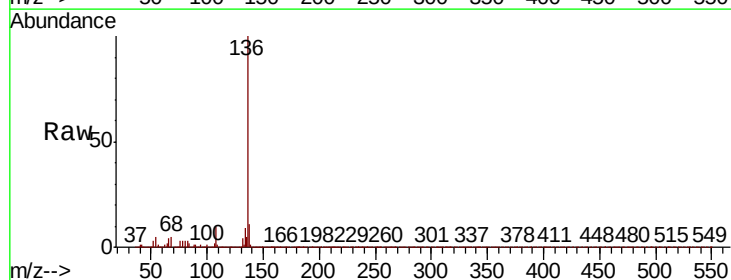
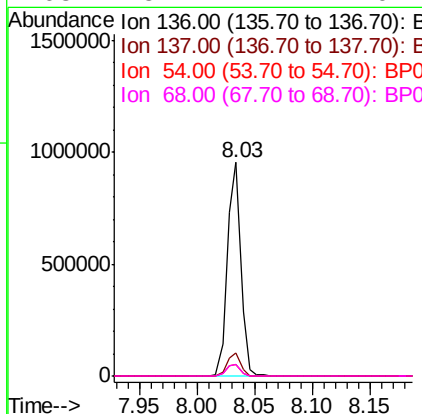
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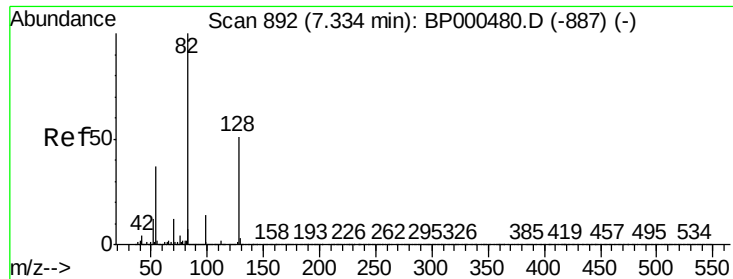
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9	8.2	12.4		
54	5.2	4.1	6.1		
68	5.4	4.1	6.1		





#23

Nitrobenzene-d5

Concen: 66.769 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BP000697.D

Acq: 13 Oct 2019 03:16

Instrument :

BNA_P

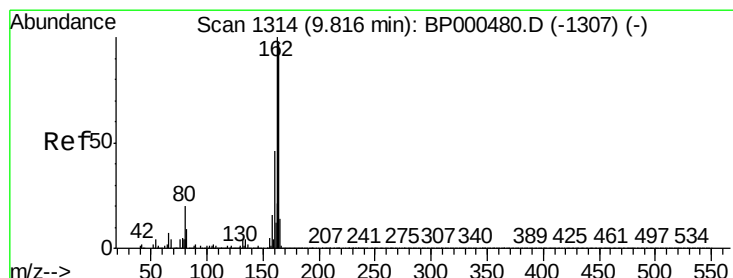
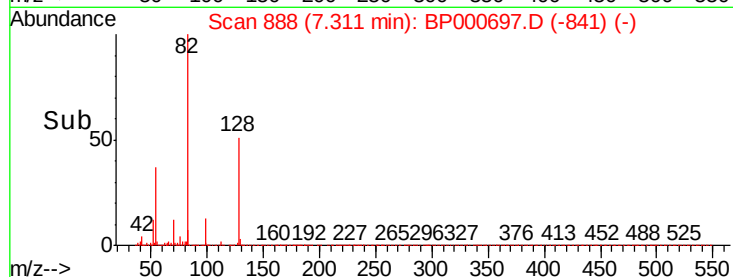
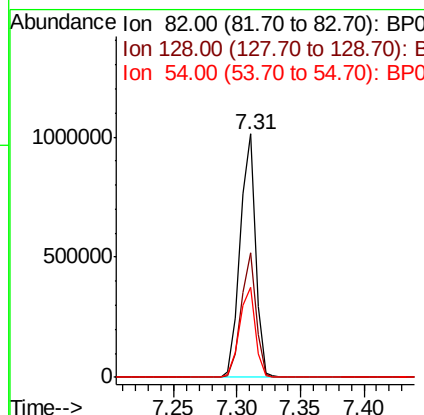
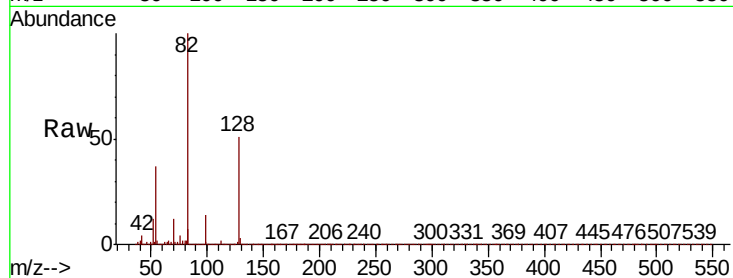
ClientSampleId :

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Tot Ion	82	Resp	838944
Ion Ratio	Lower	Upper	
82	100		
128	51.2	40.9	61.3
54	37.1	29.4	44.2

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#39

Acenaphthene-d10

Concen: 20.000 ng

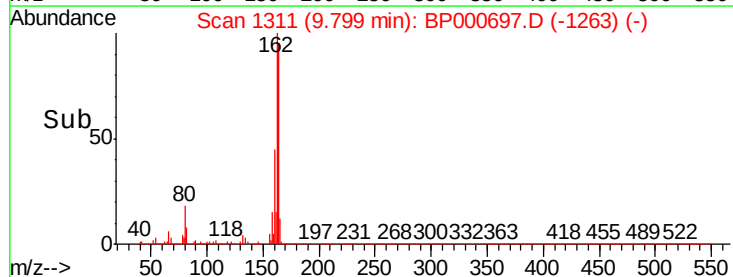
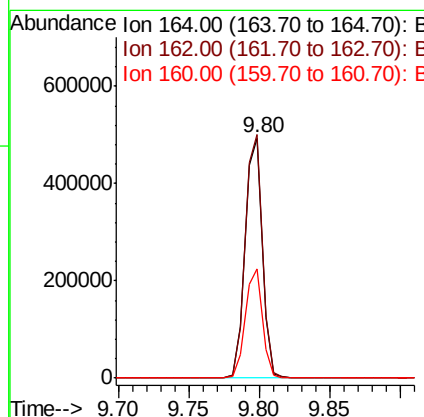
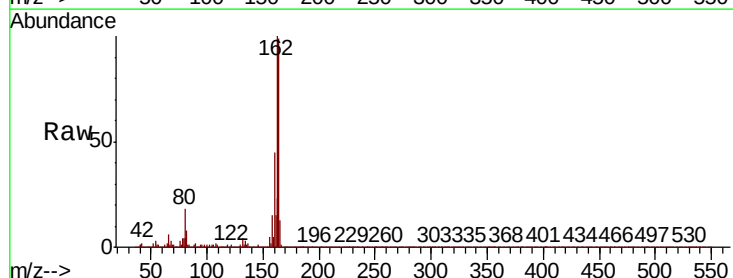
RT: 9.80 min Scan# 1311

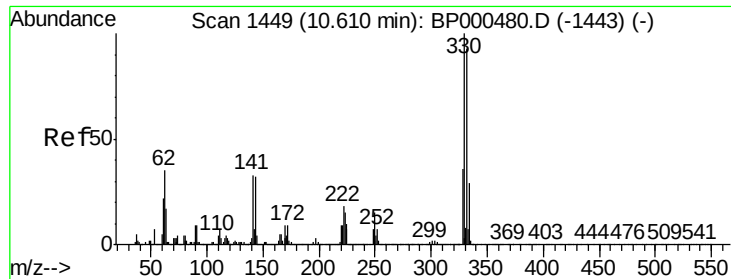
Delta R.T. -0.02 min

Lab File: BP000697.D

Acq: 13 Oct 2019 03:16

Tgt Ion	164	Resp	417583
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.2	123.2
160	45.2	37.6	56.4





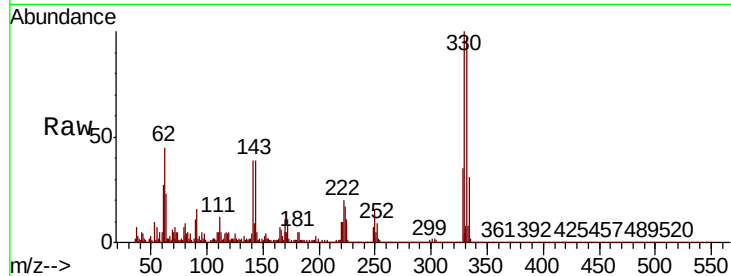
#42
2,4,6-Tribromophenol
Concen: 14.329 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :
20190830-COMPOSITE-F

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	33.4	26.0	39.0

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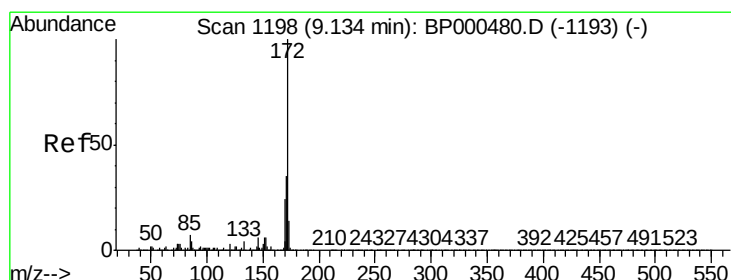
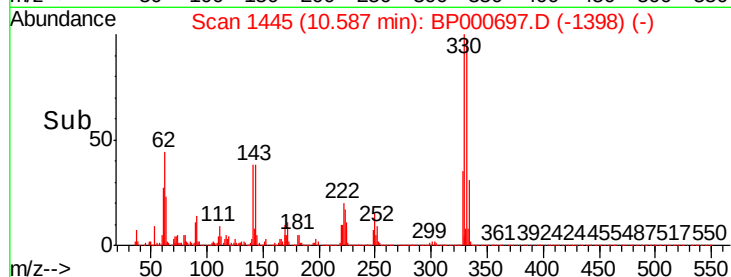
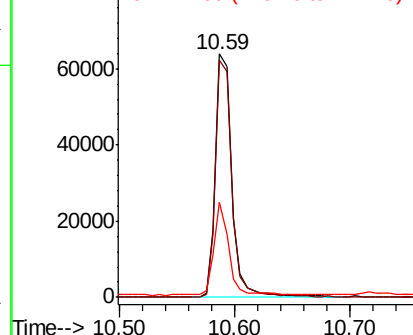


Abundance

Ion 329.80 (329.50 to 330.50): E

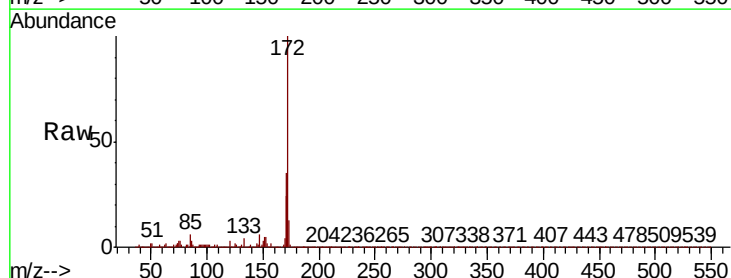
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 56.061 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.4	42.6
170	23.7	19.1	28.7

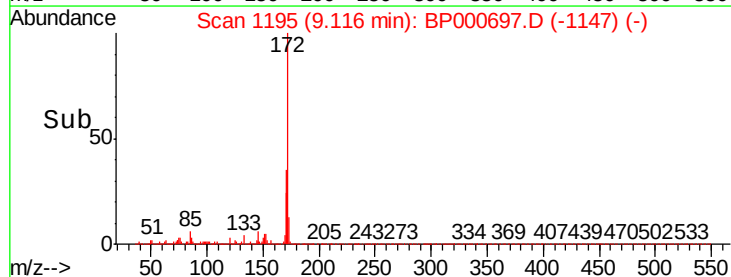
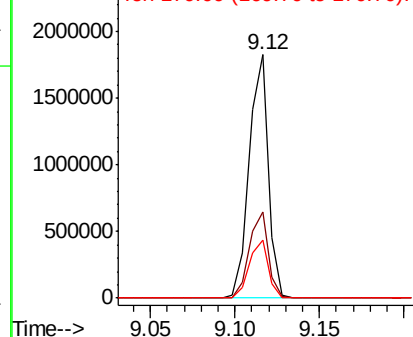


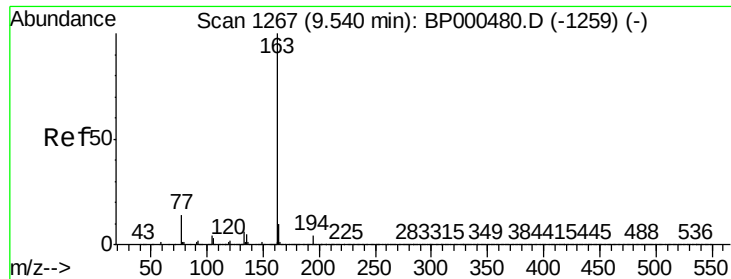
Abundance

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





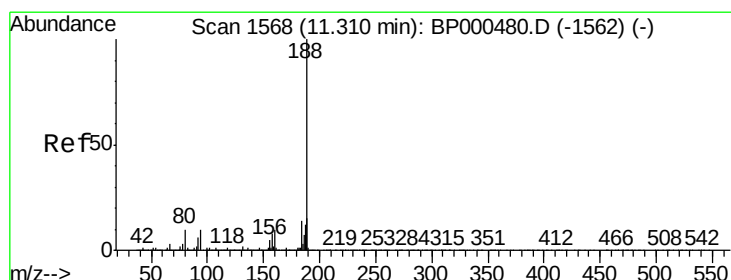
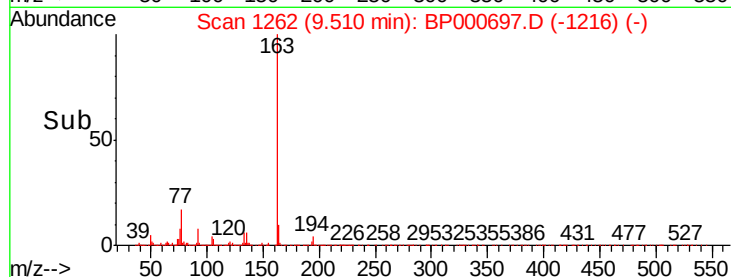
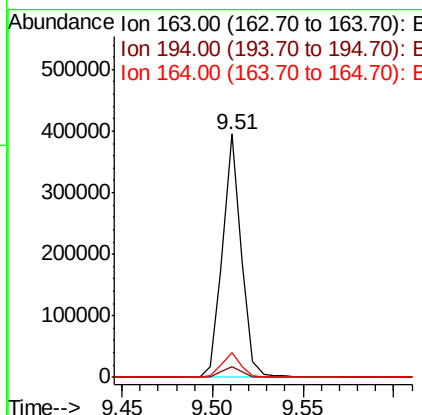
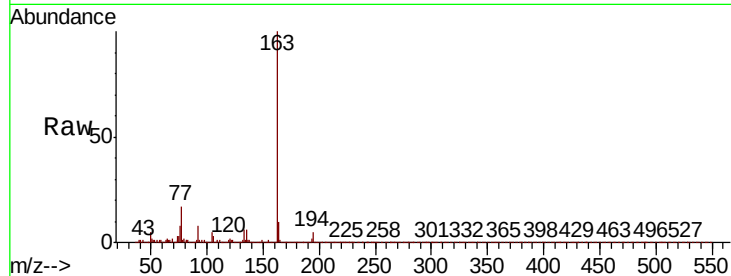
#50
Dimethylphthalate
Concen: 9.773 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :
20190830-COMPOSITE-F

Tot Ion	Ratio	Resp	Lower	Upper
163	100	283569		
194	4.5		3.4	5.2
164	10.2		8.0	12.0

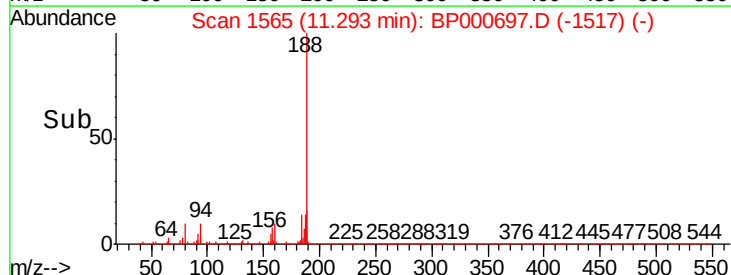
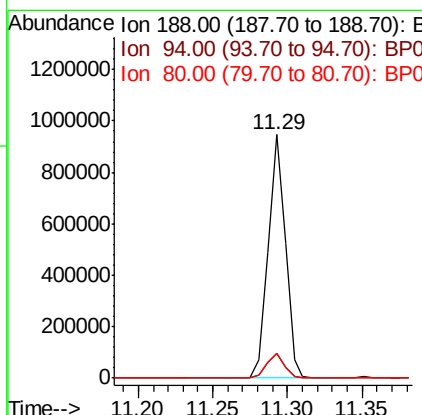
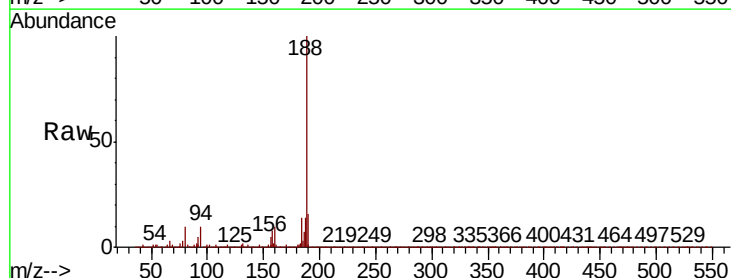
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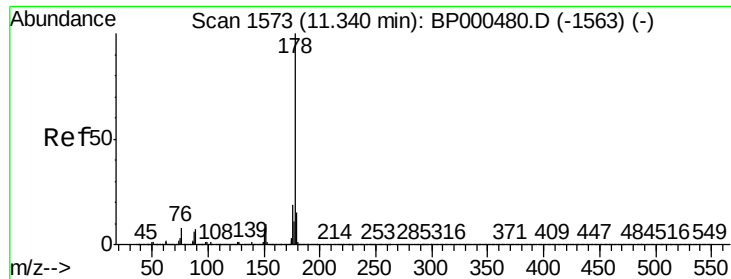
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	747689		
94	10.0		8.2	12.2
80	10.1		8.3	12.5





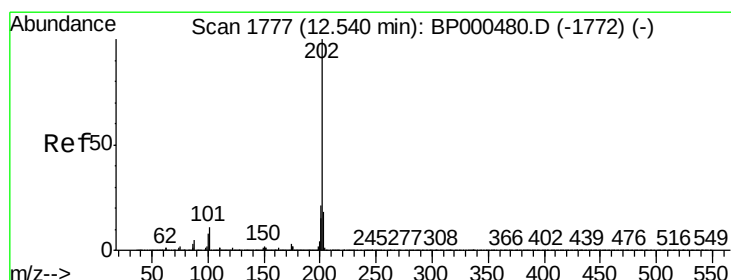
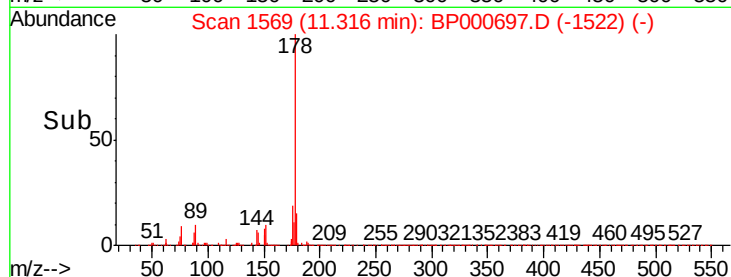
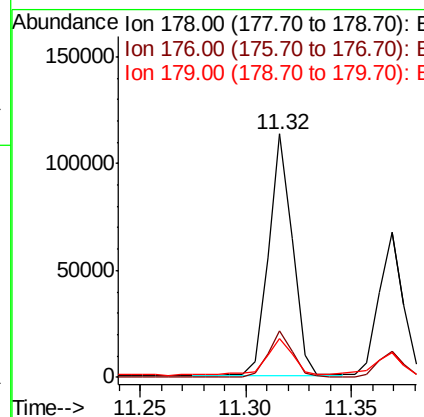
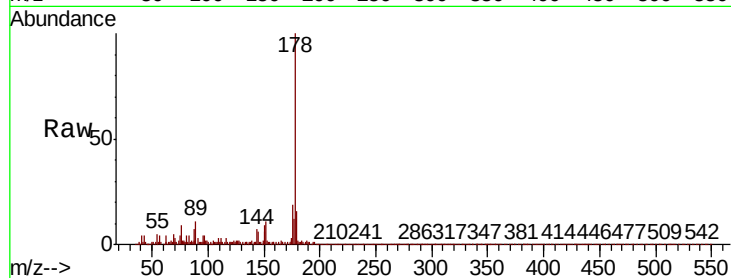
#71
Phenanthrene
Concen: 2.375 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :
20190830-COMPOSITE-F

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.2	12.2	18.4

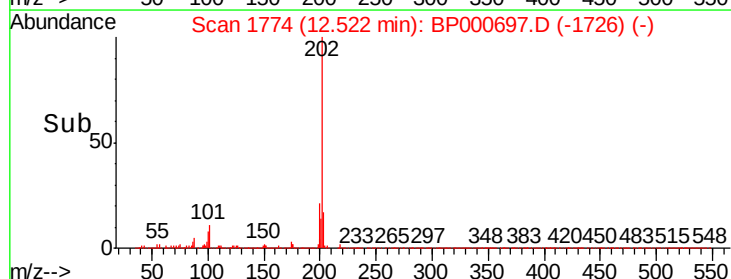
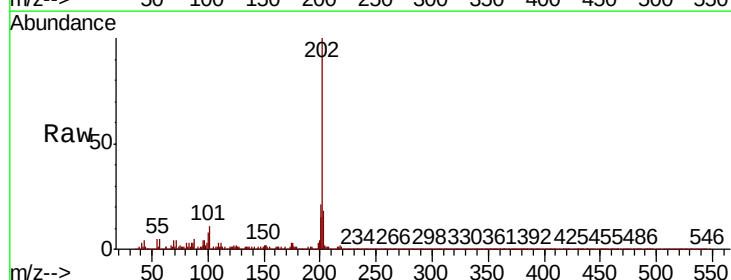
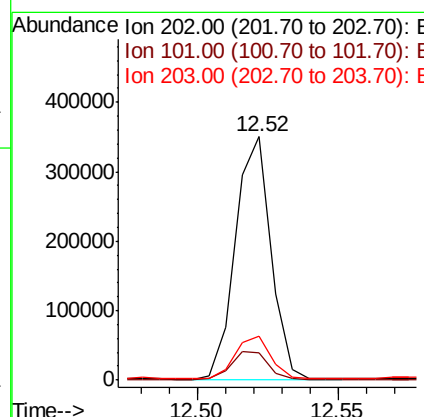
Manual Integrations
APPROVED

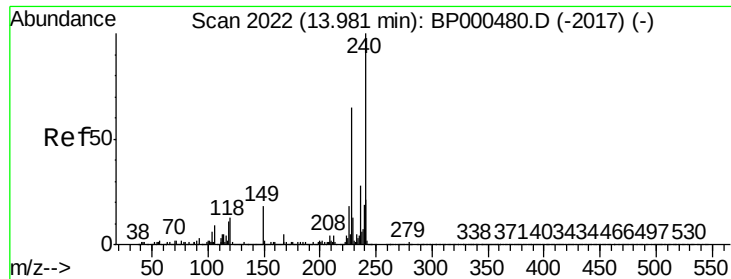
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#75
Fluoranthene
Concen: 7.240 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.3
203	17.9	0.0	38.1





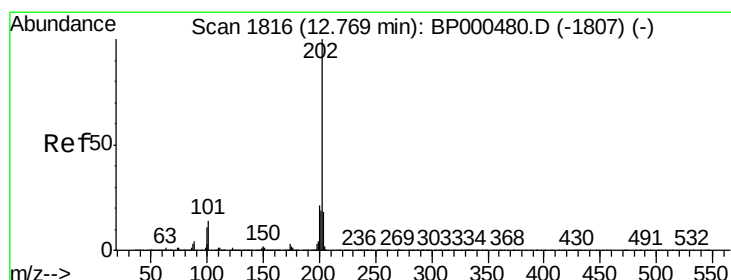
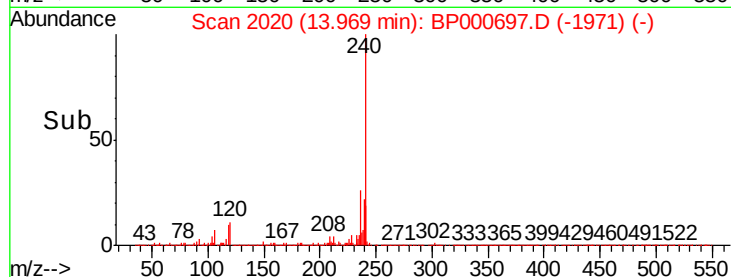
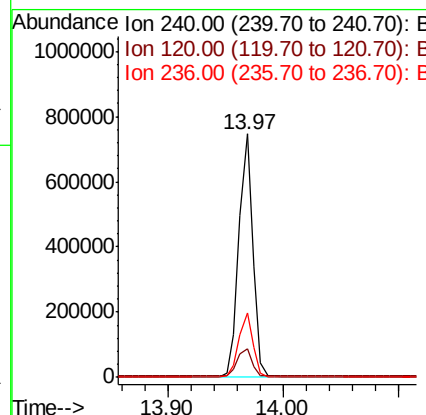
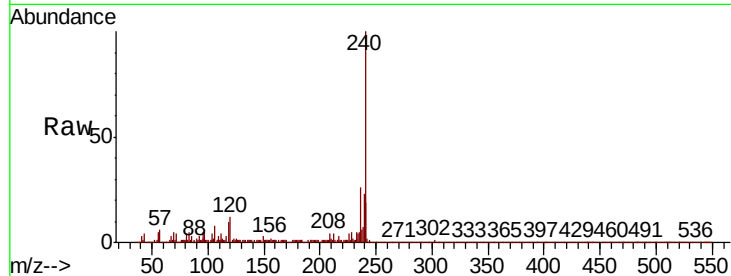
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :
20190830-COMPOSITE-F

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.1	15.1
236	26.2	22.7	34.1

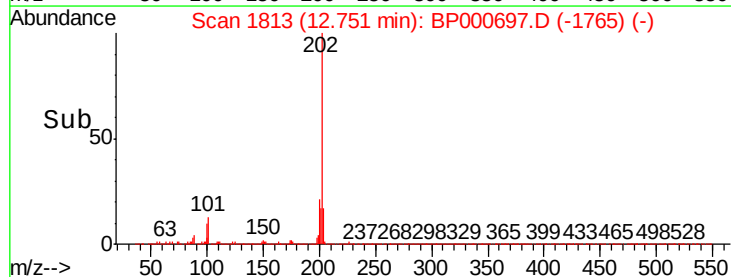
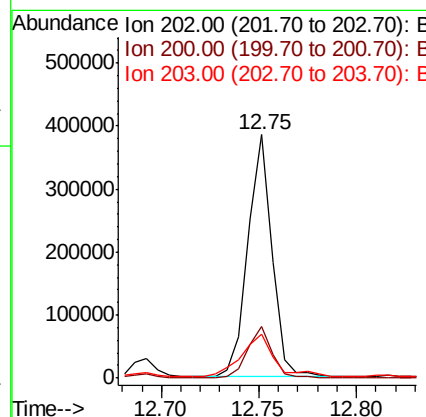
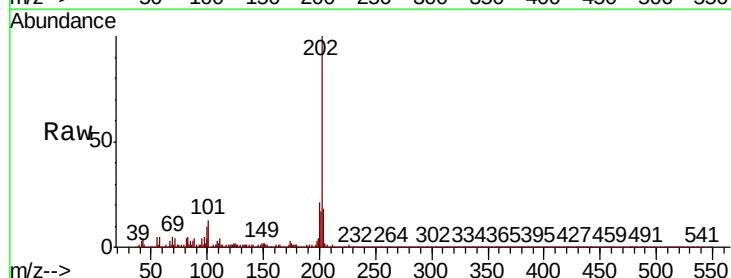
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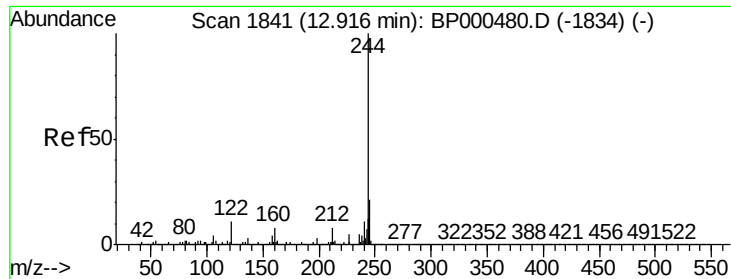
mohammad
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#78
Pyrene
Concen: 7.633 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	18.0	14.6	21.8





#79

Terphenyl-d14

Concen: 52.360 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000697.D

Acq: 13 Oct 2019 03:16

Instrument :

BNA_P

ClientSampleId :

20190830-COMPOSITE-F

Tot Ion:244 Resp: 1629073

Ion Ratio Lower Upper

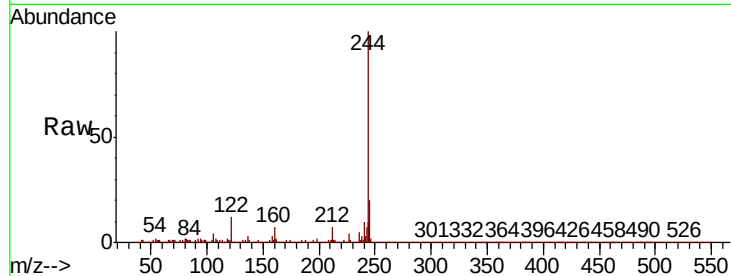
244 100

212 7.2 6.0 9.0

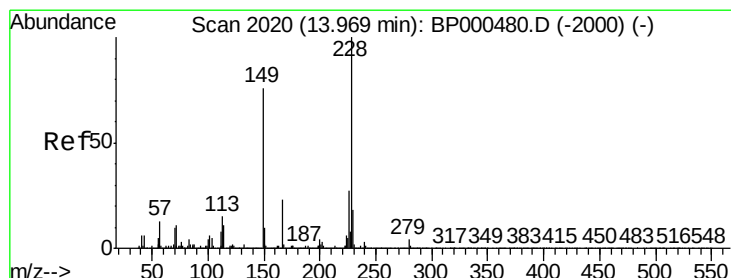
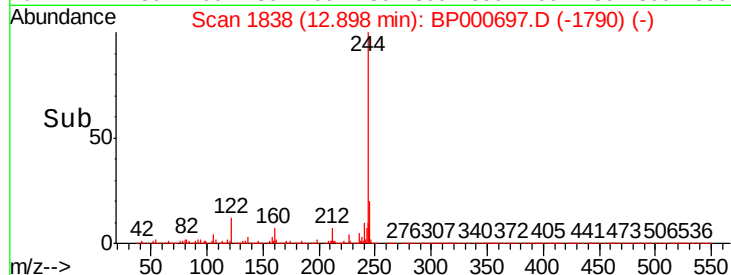
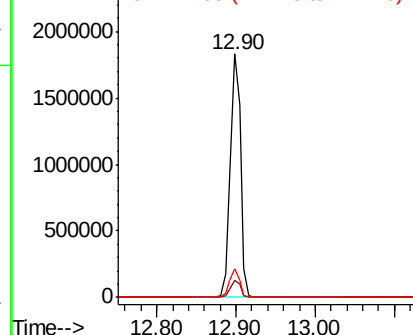
122 11.6 8.9 13.3

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 5.097 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000697.D

Acq: 13 Oct 2019 03:16

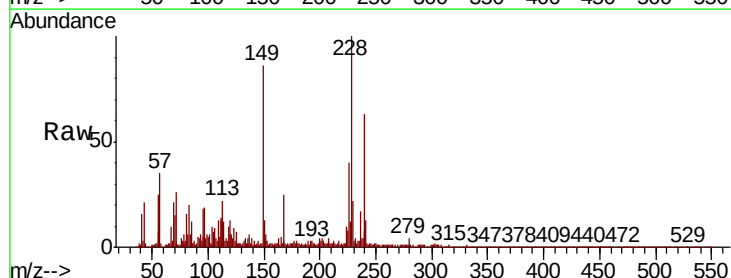
Tgt Ion:228 Resp: 195894

Ion Ratio Lower Upper

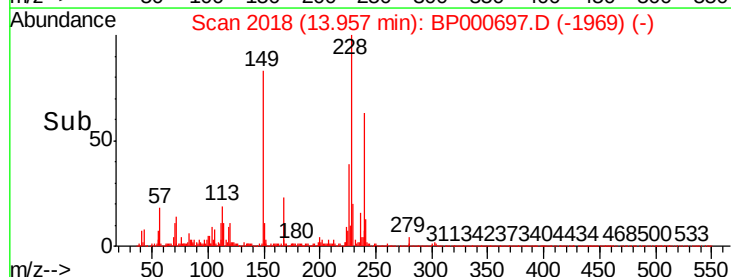
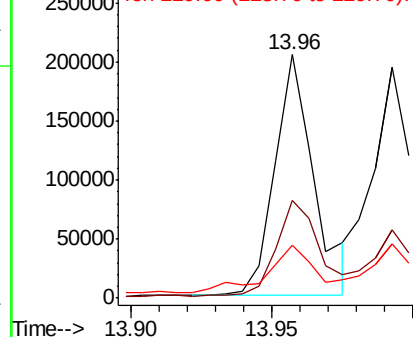
228 100

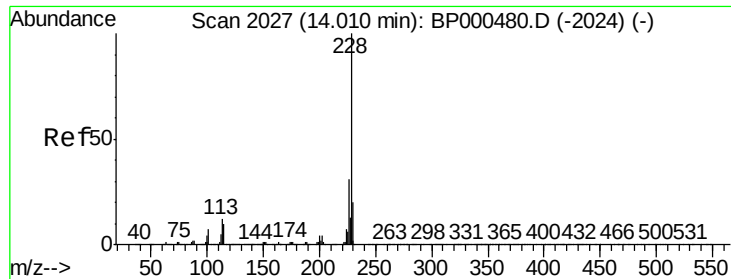
226 40.1 21.4 32.2#

229 22.0 14.7 22.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





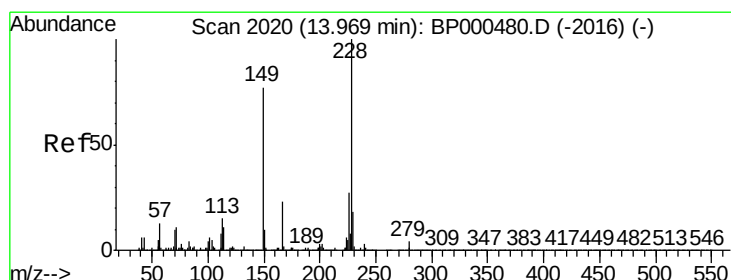
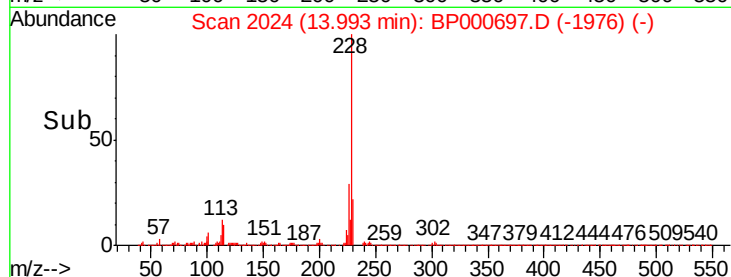
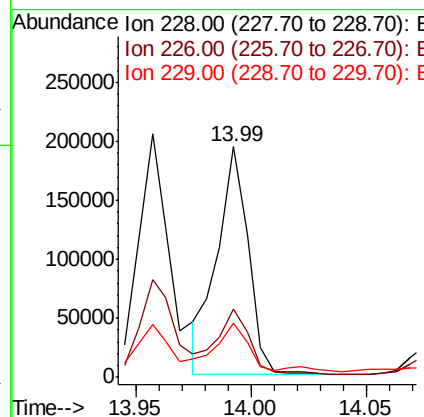
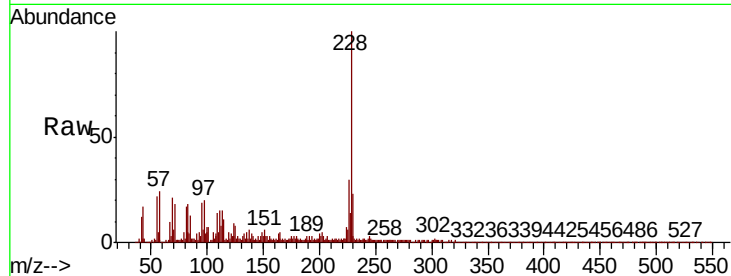
#83
 Chrysene
 Concen: 4.811 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BP000697.D
 Acq: 13 Oct 2019 03:16

Instrument :
 BNA_P
 ClientSampleId :
 20190830-COMPOSITE-F

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	23.5	16.3	24.5

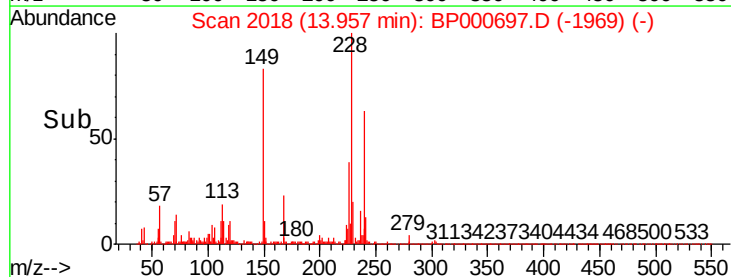
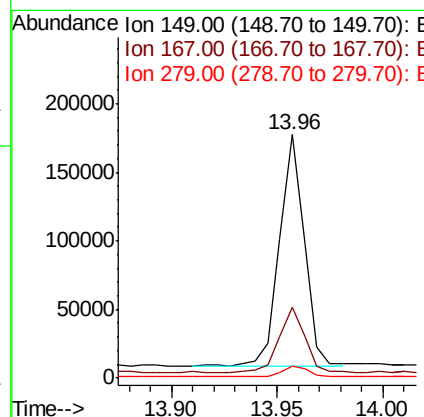
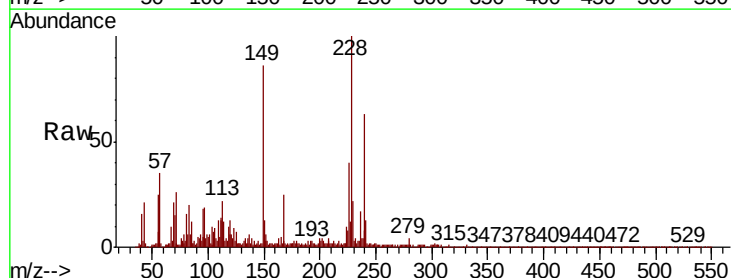
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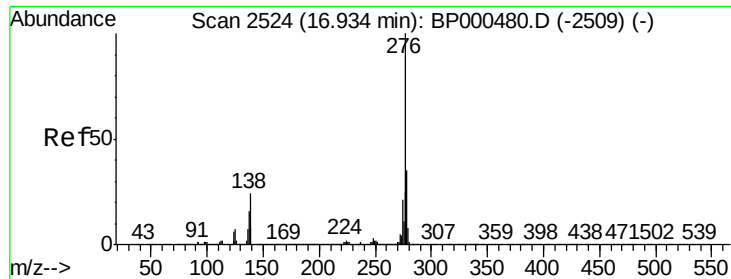
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.821 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000697.D
 Acq: 13 Oct 2019 03:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.6	35.4
279	4.8	3.9	5.9





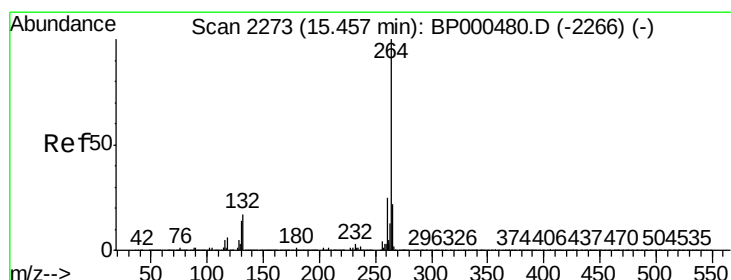
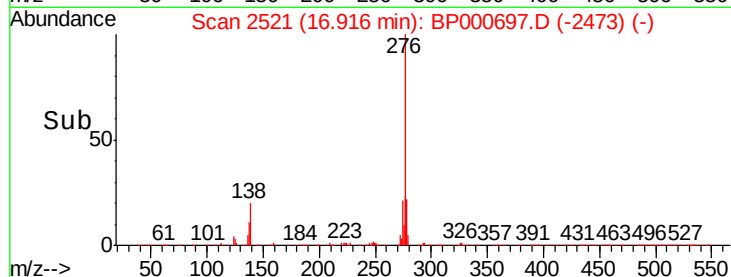
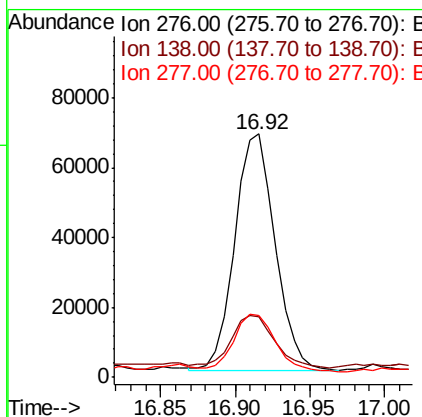
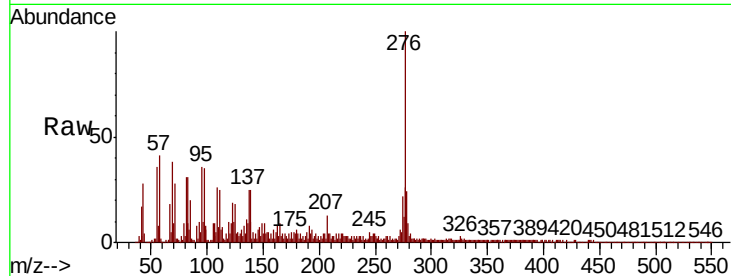
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.677 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :
20190830-COMPOSITE-F

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.9	31.3
277	24.9	20.6	30.8

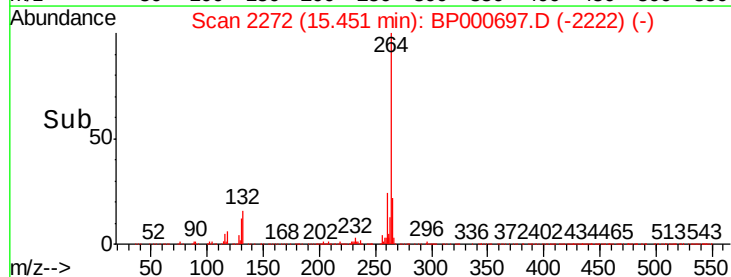
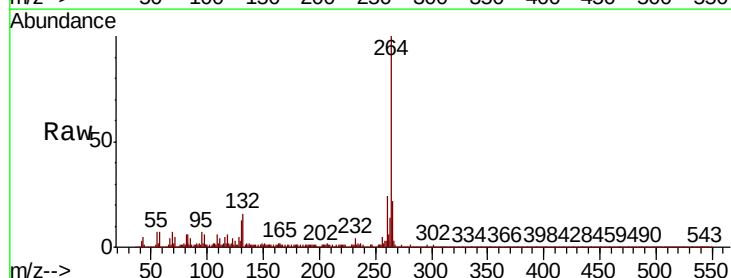
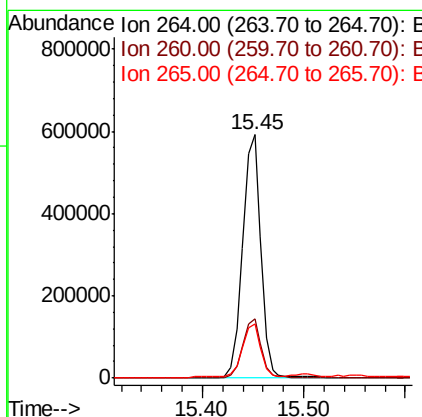
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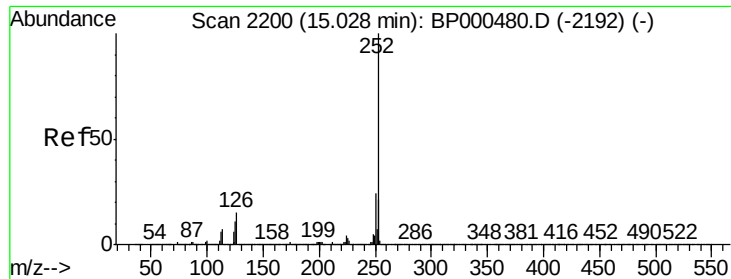
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.3	30.5
265	22.0	18.0	27.0





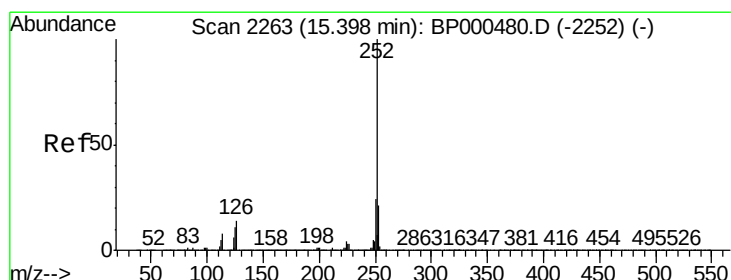
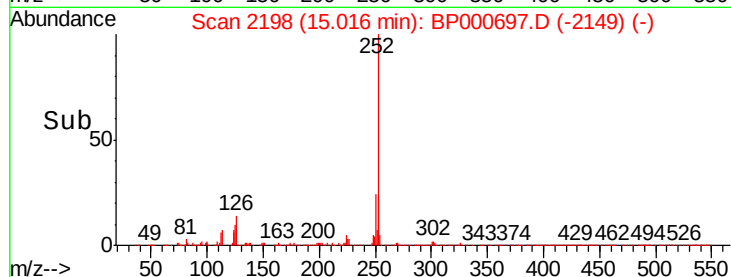
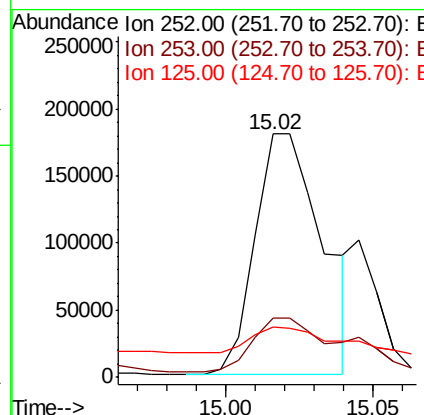
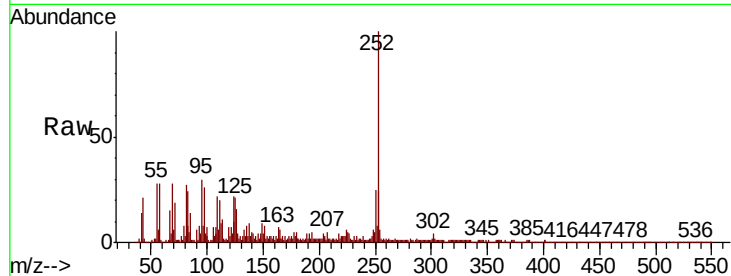
#88
Benzo(b)fluoranthene
Concen: 6.821 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :
20190830-COMPOSITE-F

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.4
125	20.7	8.9	13.3#

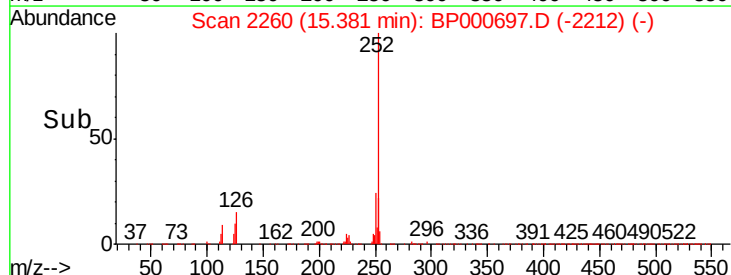
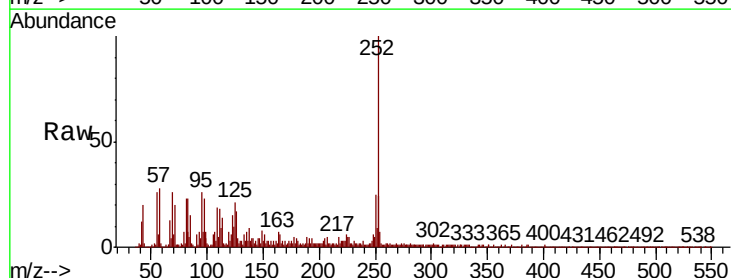
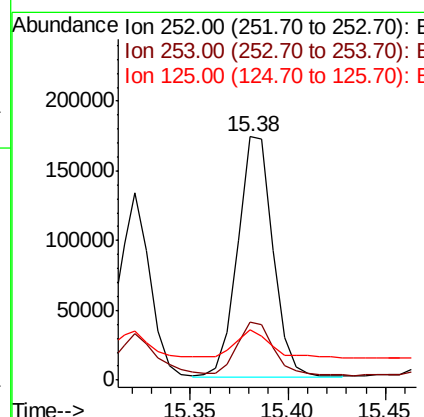
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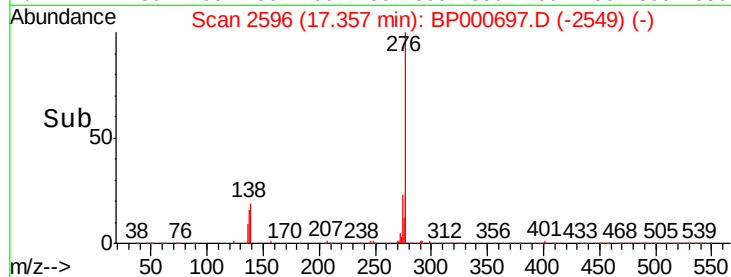
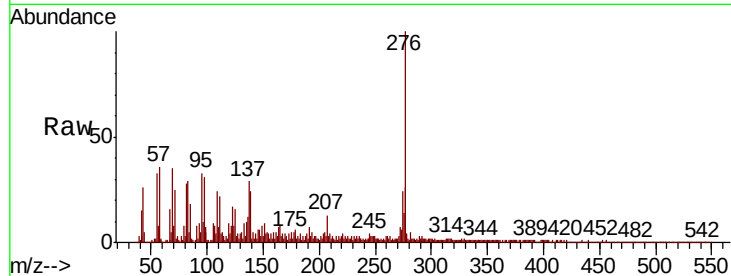
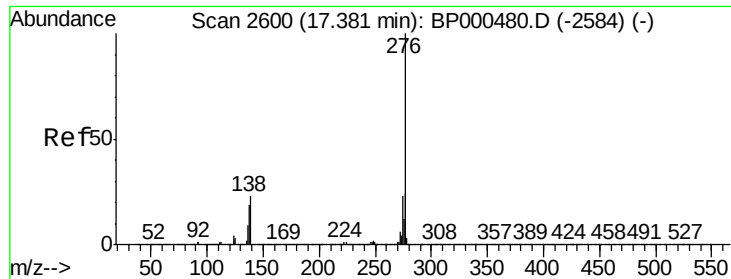
mohammad
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#90
Benzo(a)pyrene
Concen: 5.536 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	20.6	8.4	12.6#





#92

Benzo(a,h,i)perylene

Concen: 3.399 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.02 min

Lab File: BP000697.D

Acq: 13 Oct 2019 03:16

Instrument :

BNA_P

ClientSampleId :

20190830-COMPOSITE-F

Tot Ion:	276	Resp:	130529
Ion Ratio	Lower	Upper	
276	100		
277	26.0	19.4	29.2
138	24.2	18.5	27.7

Manual Integrations
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