

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000693.D
 Acq On : 13 Oct 2019 01:38
 Operator : JU
 Sample : K5348-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190826-COMPOSITE-B

Manual Integrations
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mohammad
 10/16/2019 8:08:37 AM

Quant Time: Oct 14 07:05:29 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	217067	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	781356	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	422536	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	772134	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	660951	20.00	ng	-0.01
87) Perylene-d12	15.45	264	753880	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	264335	19.57	ng	-0.02
7) Phenol-d6	6.39	99	1136459	69.84	ng	-0.02
23) Nitrobenzene-d5	7.31	82	725286	56.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	15779	3.50	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1270758	48.66	ng	-0.02
79) Terphenyl-d14	12.90	244	1489802	45.64	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.30	77	36353	4.289	ng	Qvalue 96
10) Phenol	6.40	94	65470	3.930	ng	94
50) Dimethylphthalate	9.51	163	303941	10.352	ng	99
71) Phenanthrene	11.32	178	93582	2.413	ng	99
75) Fluoranthene	12.52	202	300848	6.908	ng	99
78) Pyrene	12.75	202	322557	7.076	ng	100
81) Benzo(a)anthracene	13.96	228	179470	4.450	ng	# 82
83) Chrysene	13.99	228	188078	4.752	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	125562	5.026	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	116524	2.357	ng	95
88) Benzo(b)fluoranthene	15.02	252	242588m	5.672	ng	
90) Benzo(a)pyrene	15.38	252	194423	4.876	ng	# 95
92) Benzo(a,h,i)perylene	17.35	276	120748	3.073	ng	99

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

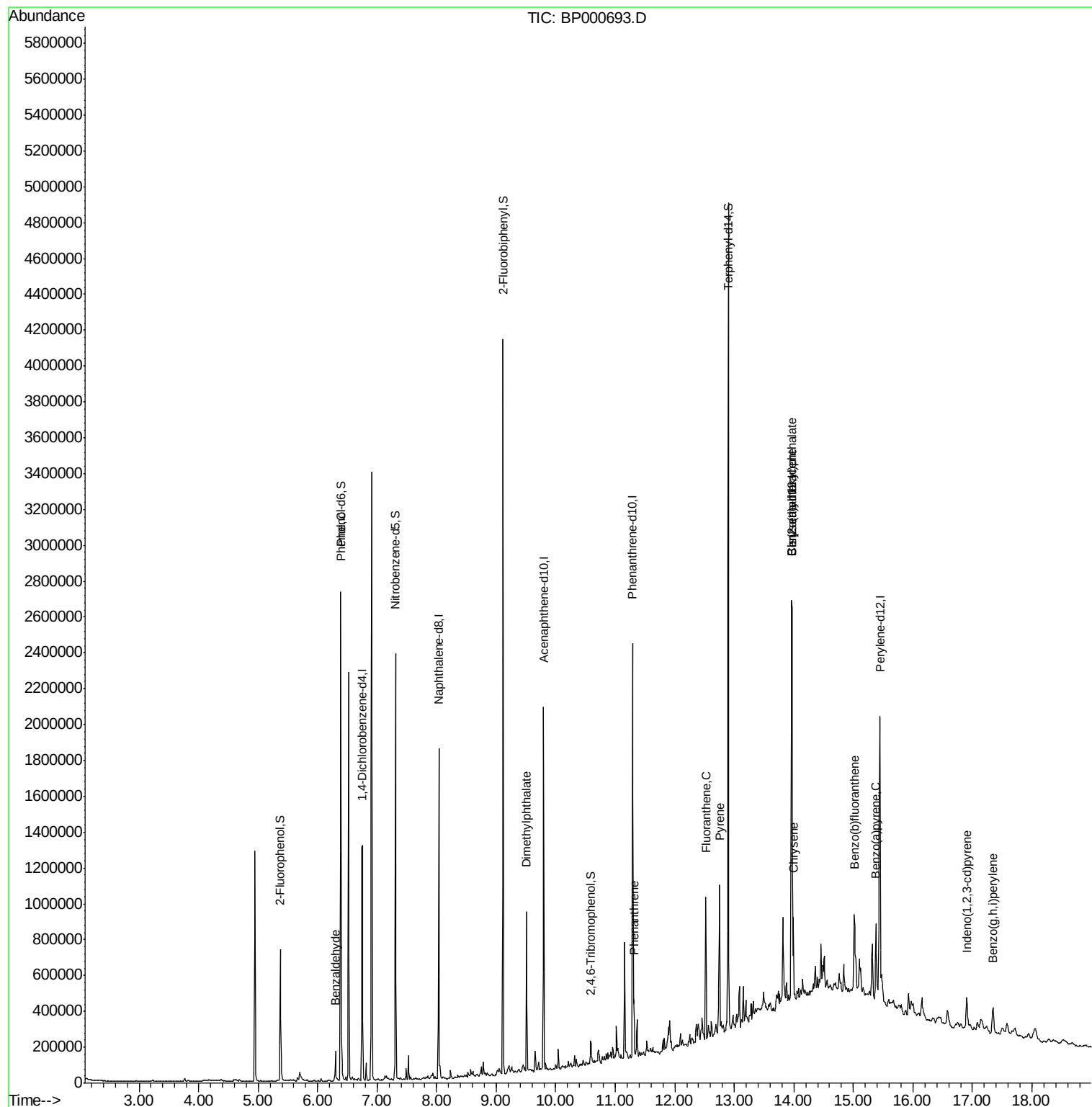
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000693.D
Acq On : 13 Oct 2019 01:38
Operator : JU
Sample : K5348-02
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ALS Vial : 22 Sample Multiplier: 1

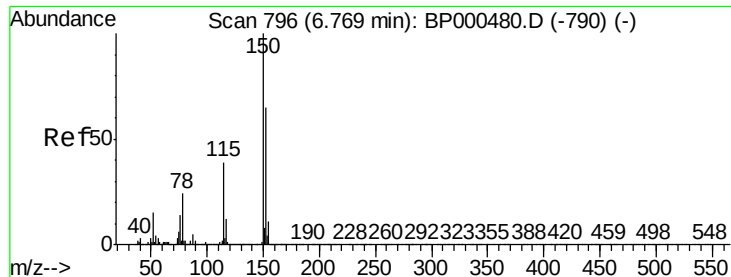
Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

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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

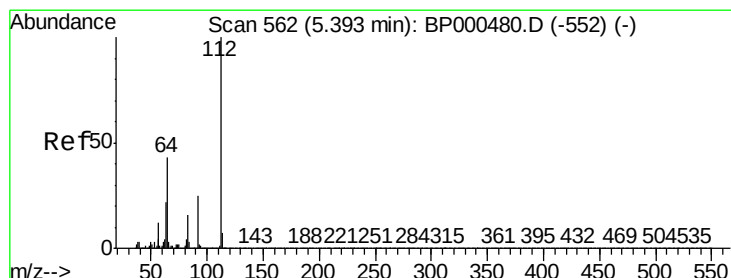
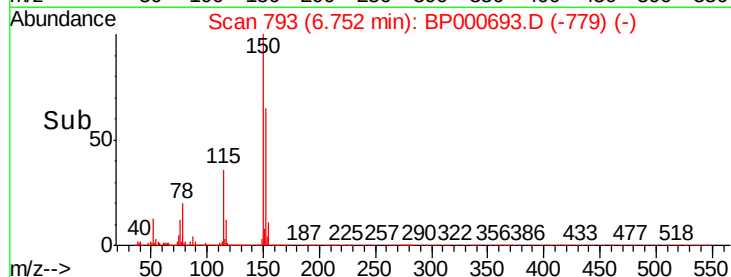
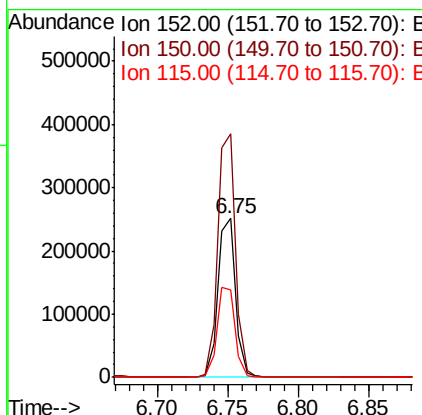
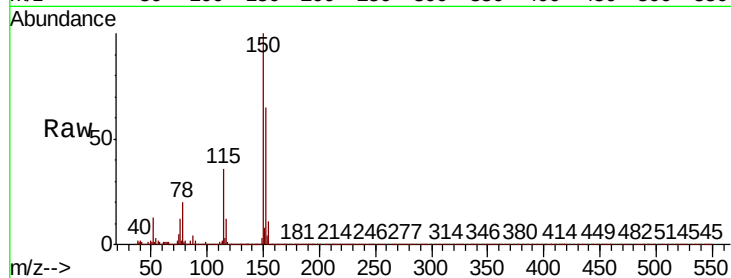
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.1	186.1
115	55.2	48.7	73.1

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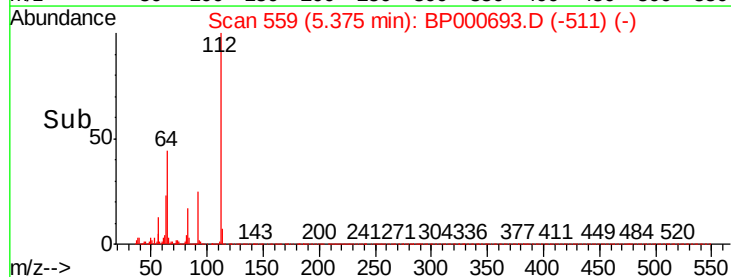
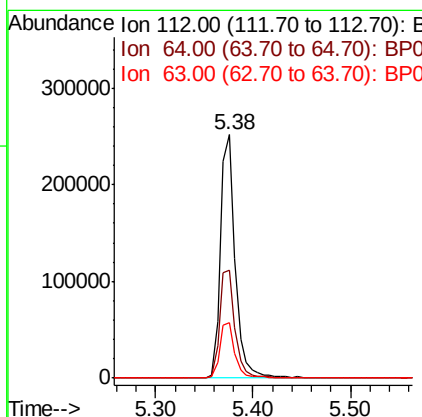
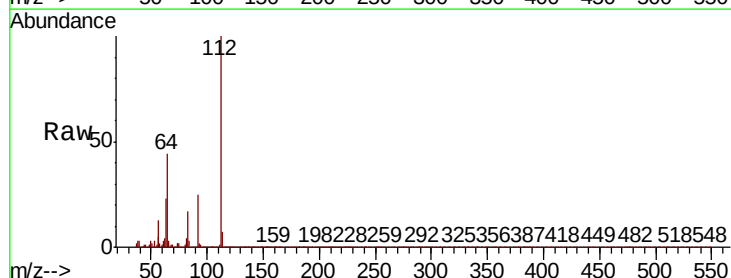
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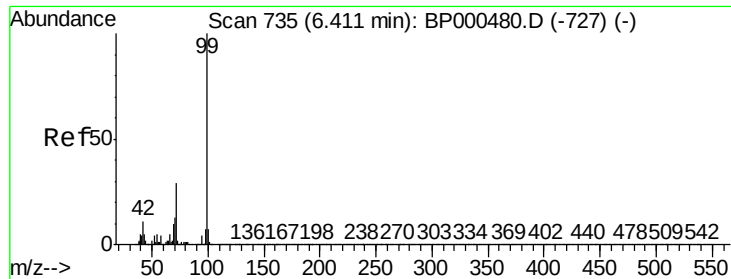


#5

2-Fluorophenol
Concen: 19.575 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.3	34.2	51.4
63	22.6	17.9	26.9





#7

Phenol-d6

Concen: 69.838 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000693.D

Acq: 13 Oct 2019 01:38

Instrument :

BNA_P

ClientSampleId :

20190826-COMPOSITE-B

Tot Ion: 99 Resp: 1136459

Ion Ratio Lower Upper

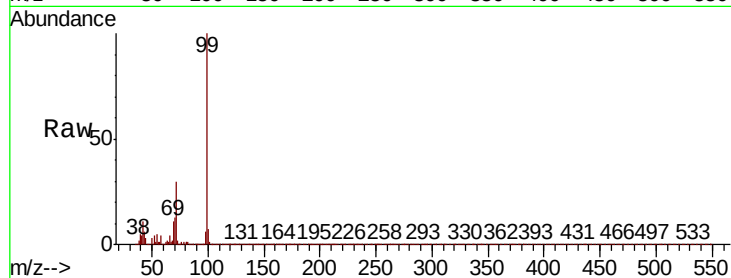
99 100

42 11.5 8.6 12.8

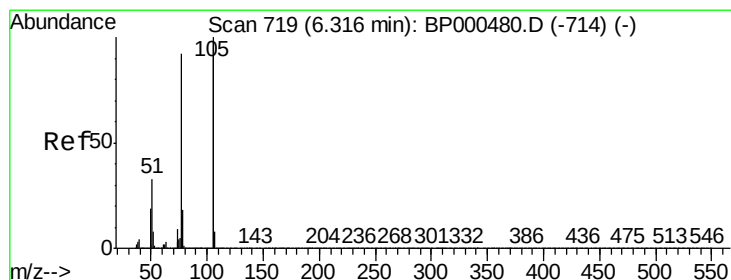
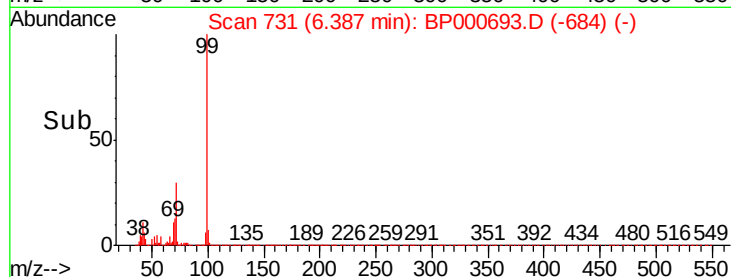
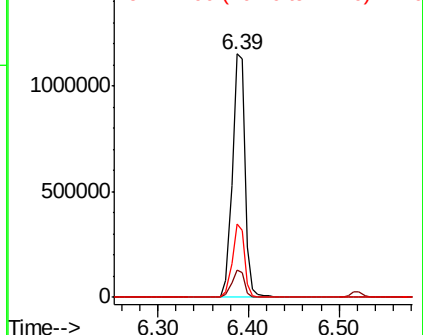
71 29.9 23.0 34.4

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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: 4.289 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BP000693.D

Acq: 13 Oct 2019 01:38

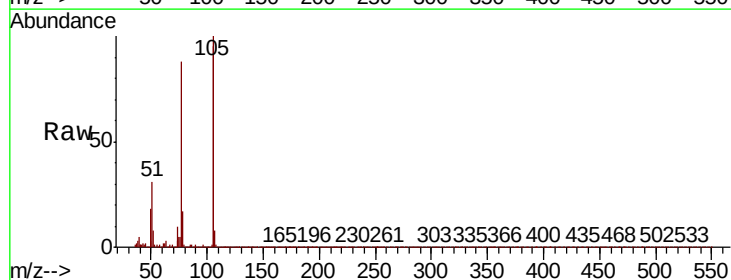
Tgt Ion: 77 Resp: 36353

Ion Ratio Lower Upper

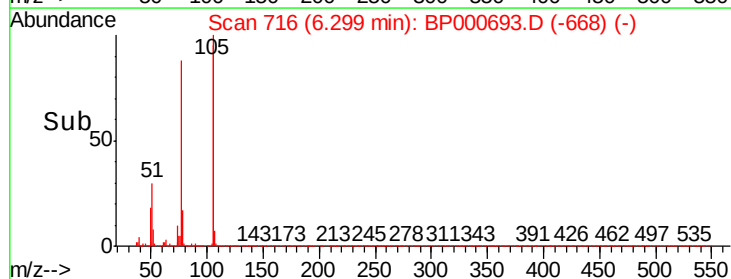
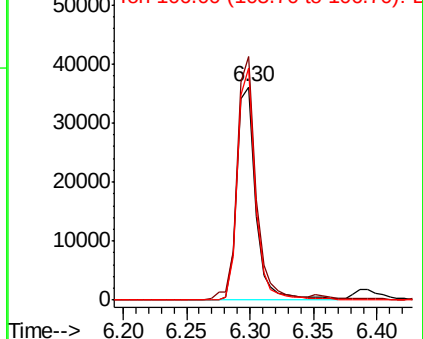
77 100

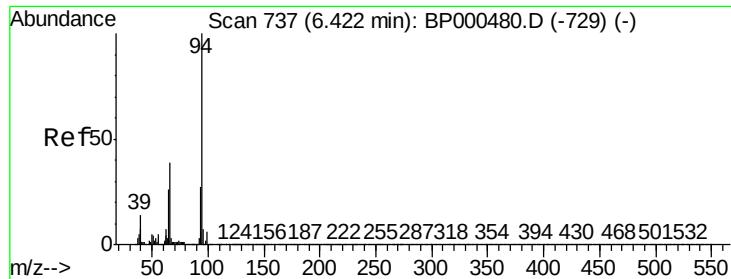
105 114.0 88.3 128.3

106 108.6 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





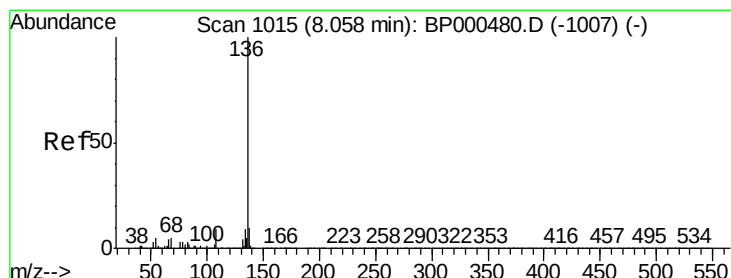
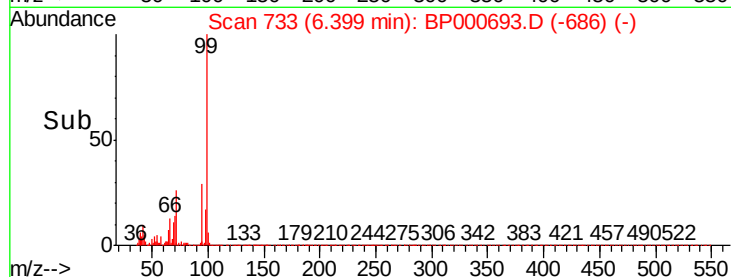
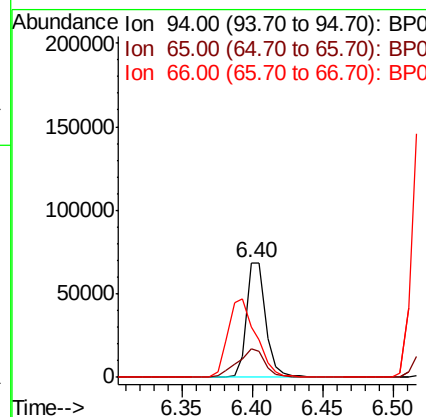
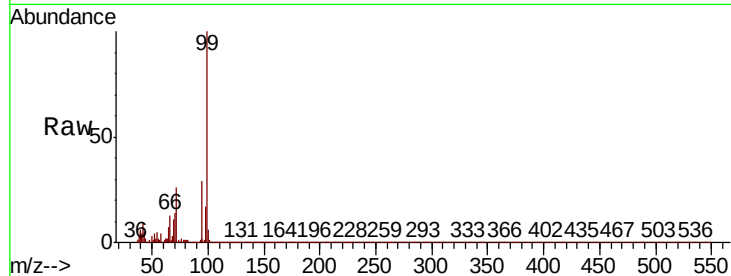
#10
Phenol
Concen: 3.930 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

Tot Ion:	94	Resp:	65470
Ion Ratio	Lower	Upper	
94	100		
65	25.3	5.9	45.9
66	44.1	18.8	58.8

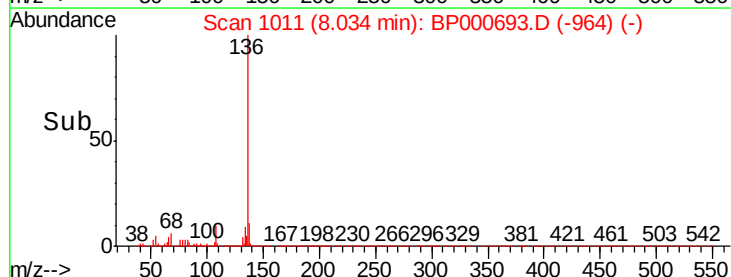
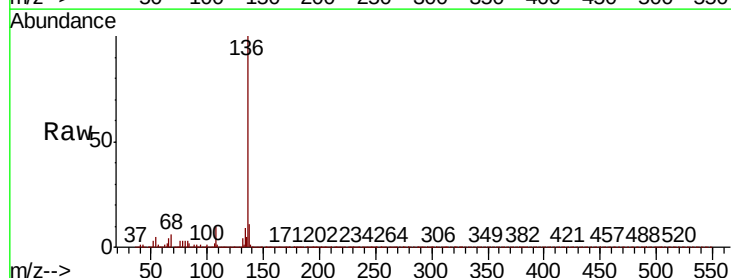
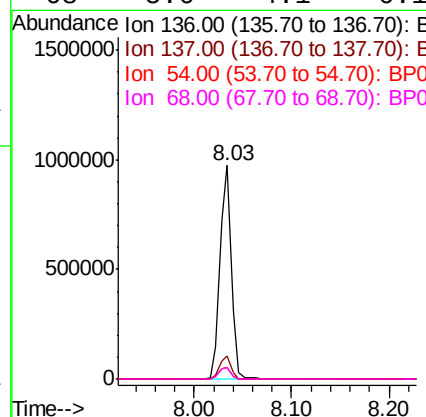
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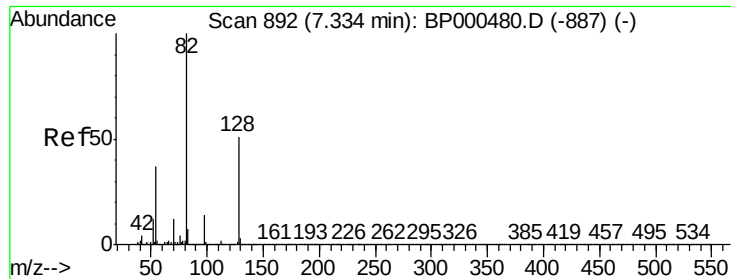
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion:	136	Resp:	781356
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.4
54	5.3	4.1	6.1
68	5.6	4.1	6.1





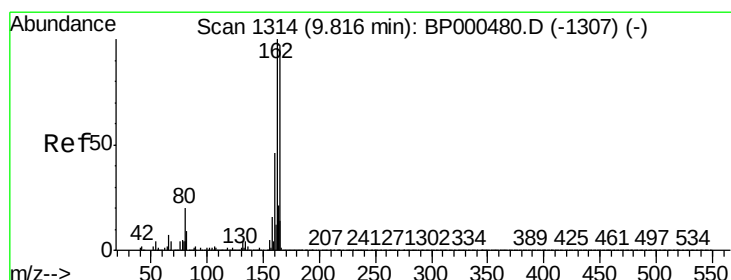
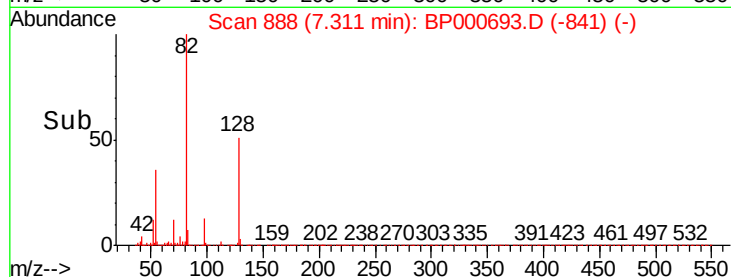
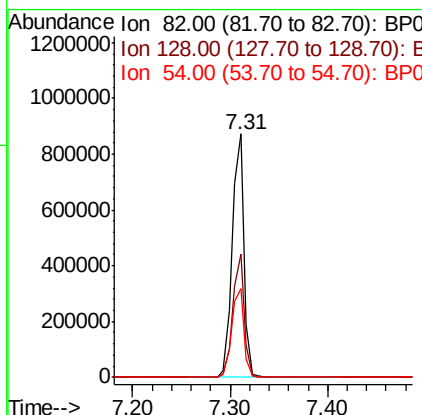
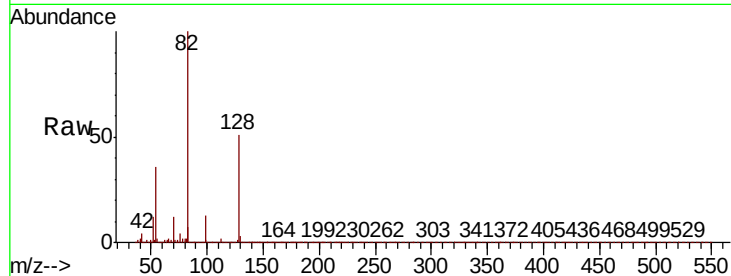
#23
Nitrobenzene-d5
Concen: 56.693 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.9	61.3
54	36.4	29.4	44.2

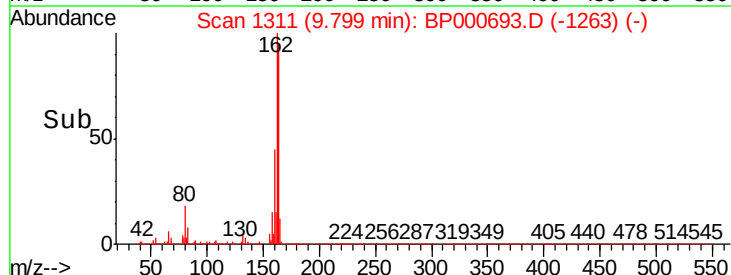
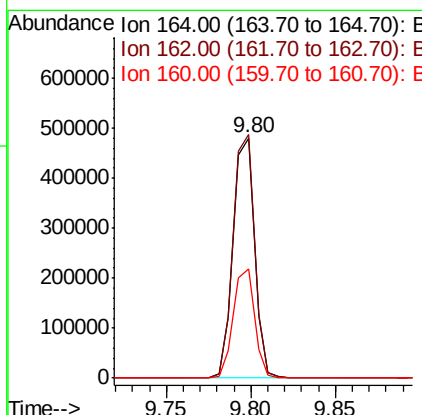
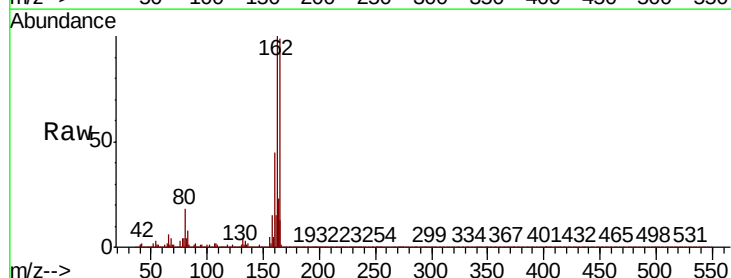
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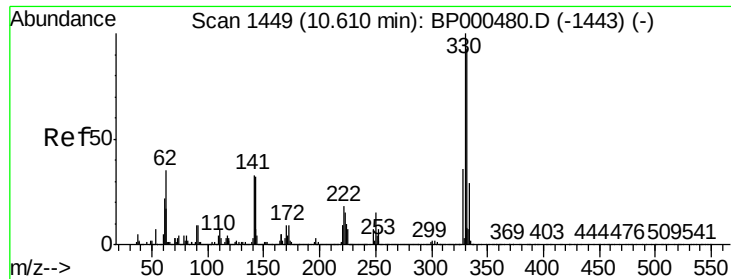
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.2	123.2
160	45.3	37.6	56.4





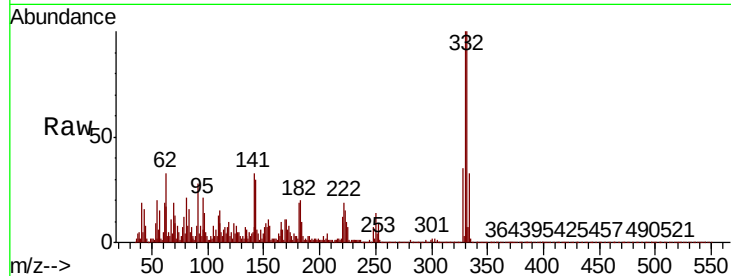
#42
2,4,6-Tribromophenol
Concen: 3.504 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	33.9	26.0	39.0

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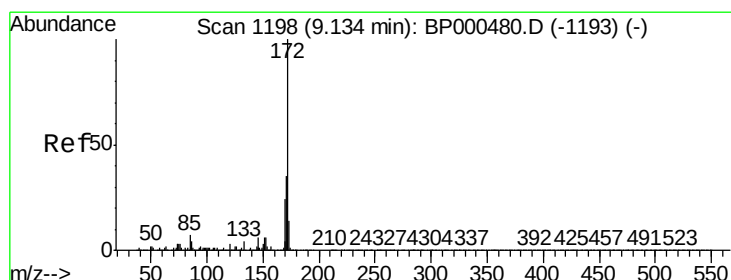
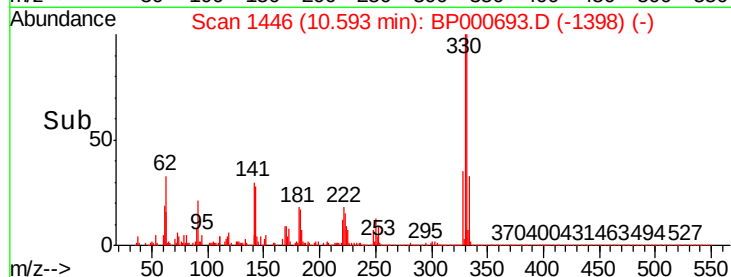
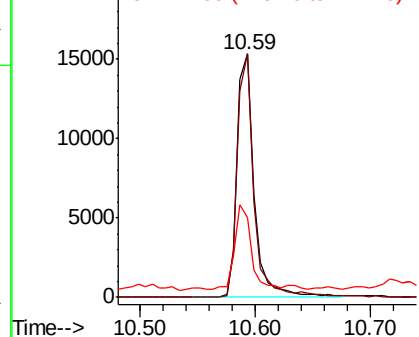


Abundance

Ion 329.80 (329.50 to 330.50): E

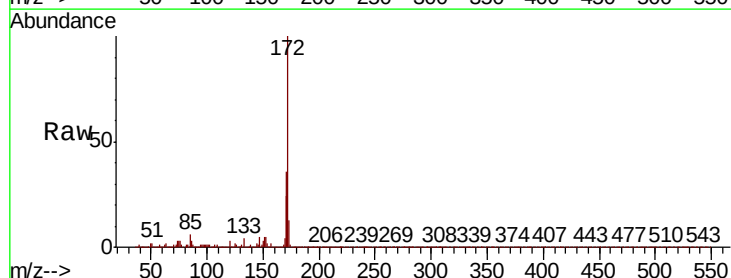
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 48.660 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.4	42.6
170	23.8	19.1	28.7

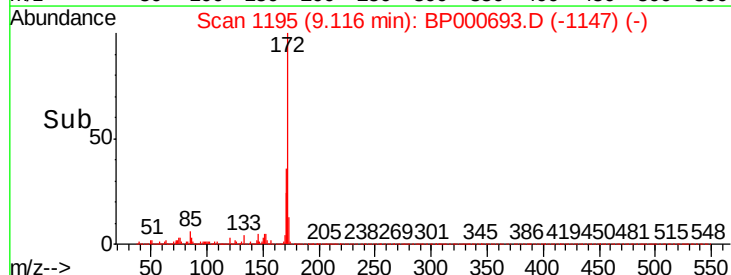
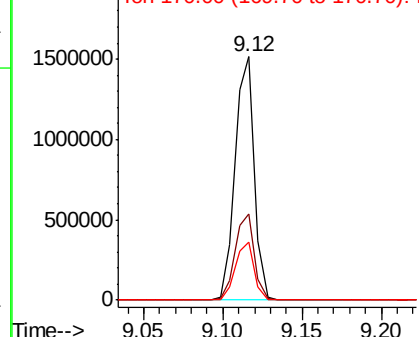


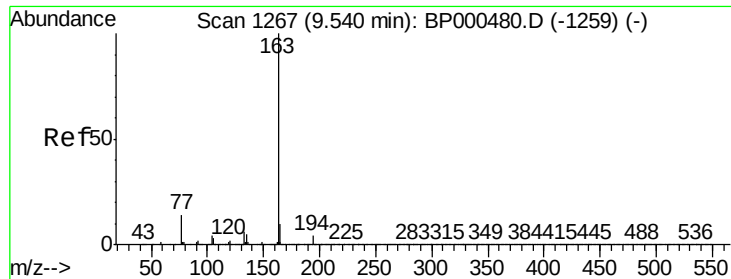
Abundance

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





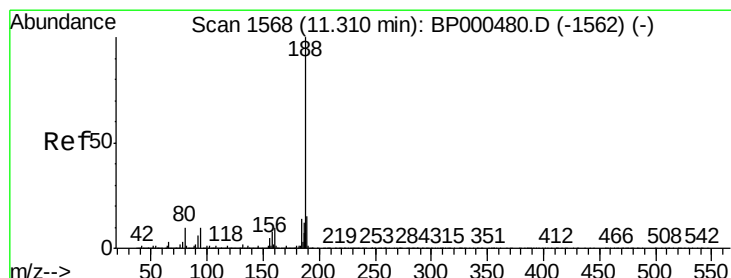
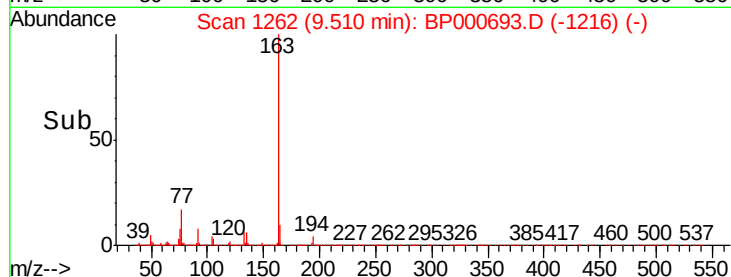
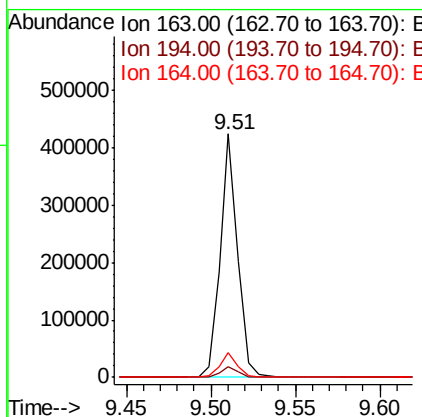
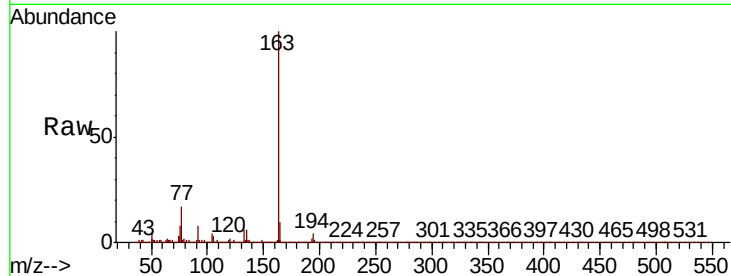
#50
Dimethylphthalate
Concen: 10.352 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	303941		
194	4.3	3.4	5.2	
164	10.3	8.0	12.0	

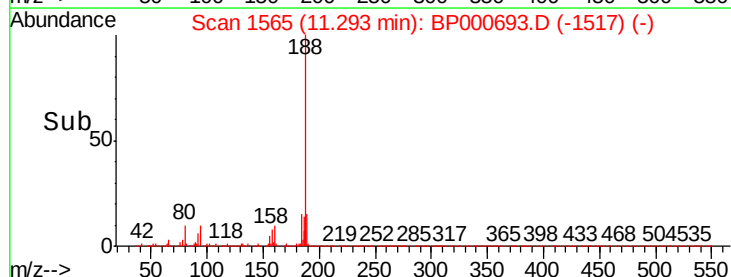
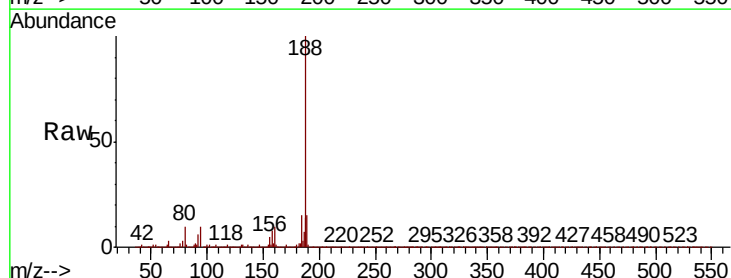
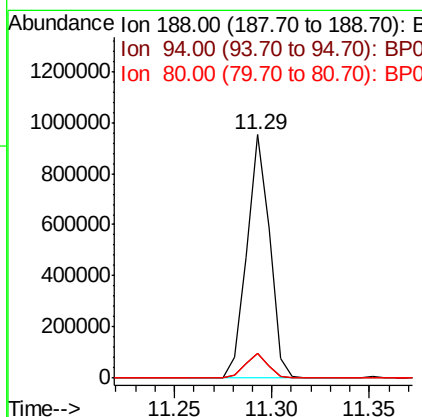
Manual Integrations
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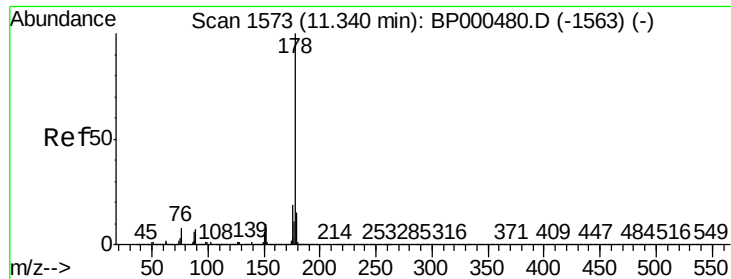
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	772134		
94	10.0	8.2	12.2	
80	10.1	8.3	12.5	





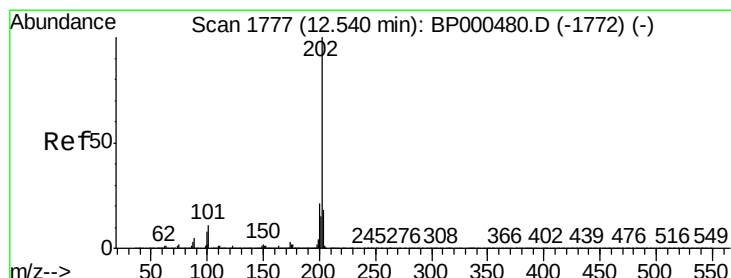
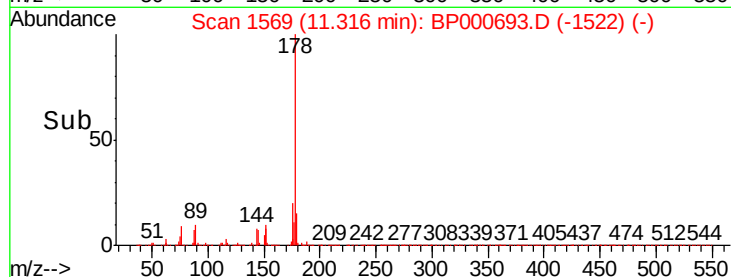
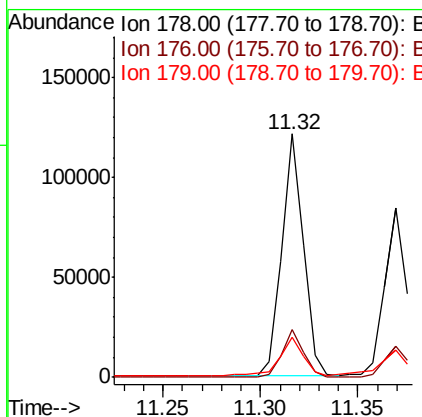
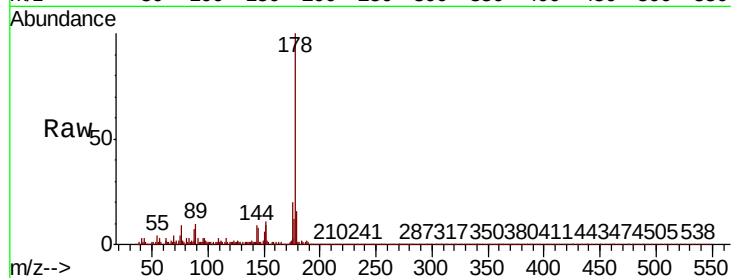
#71
Phenanthrene
Concen: 2.413 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.2	12.2	18.4

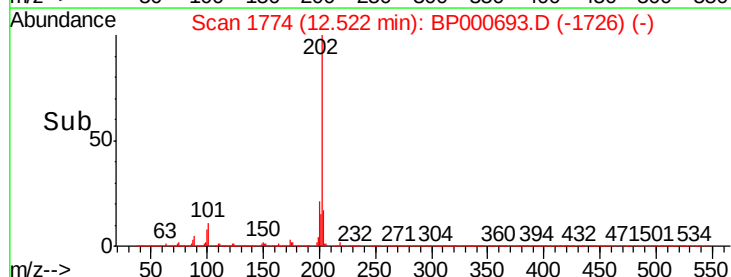
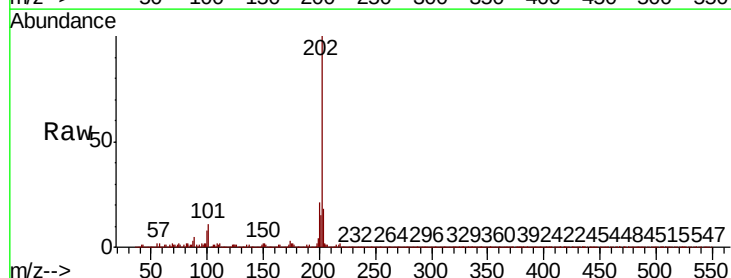
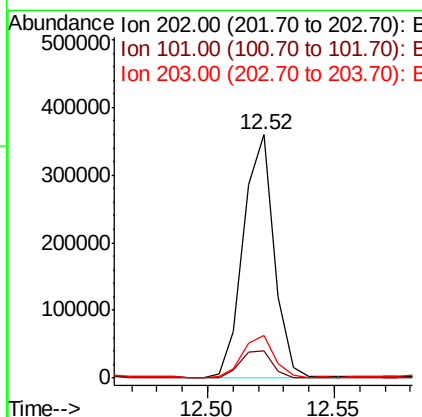
Manual Integrations
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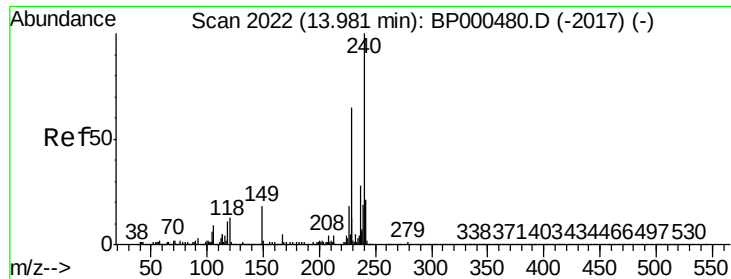
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#75
Fluoranthene
Concen: 6.908 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.3
203	17.7	0.0	38.1





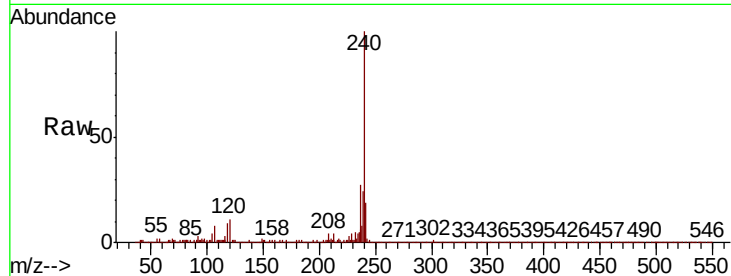
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

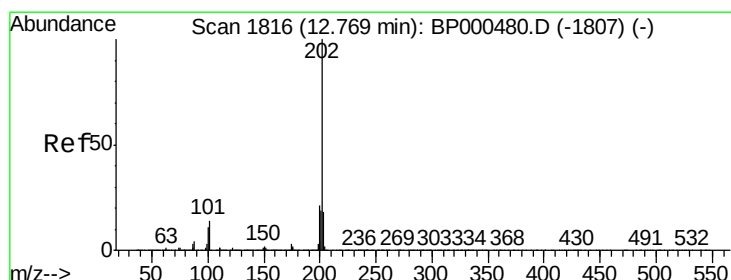
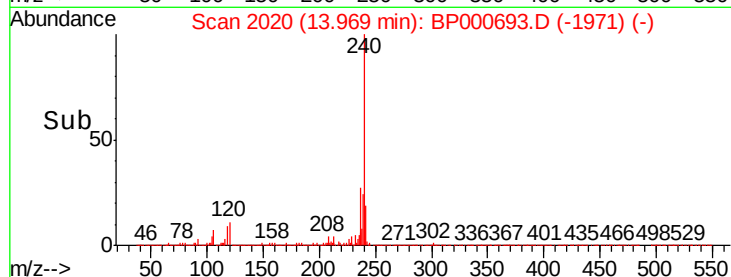
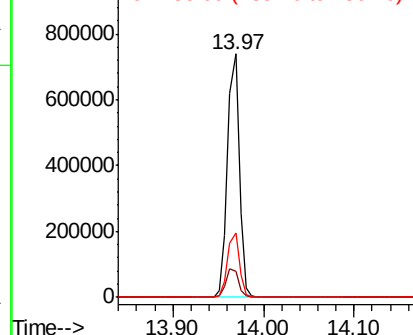
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.1	15.1
236	26.6	22.7	34.1

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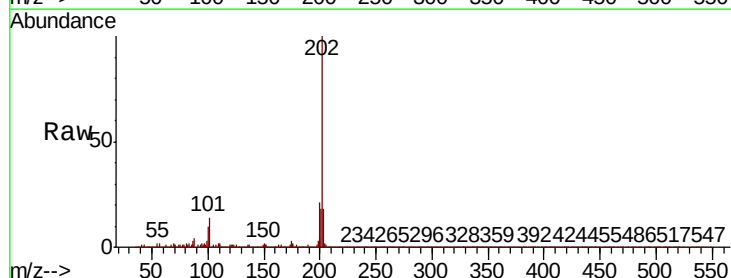


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

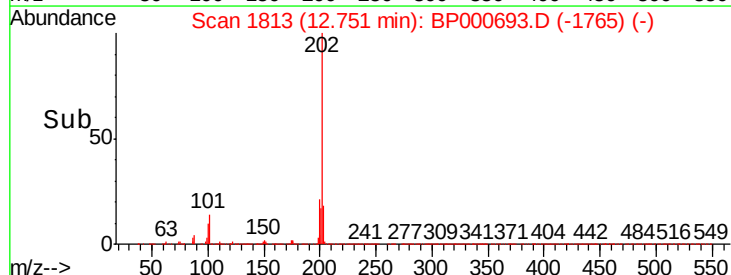
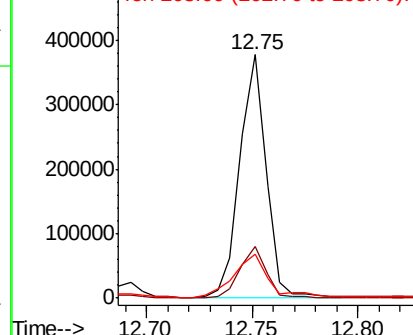


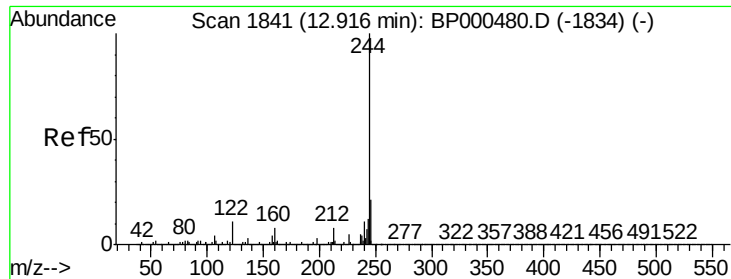
#78
Pyrene
Concen: 7.076 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	18.2	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 45.638 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000693.D

Acq: 13 Oct 2019 01:38

Instrument :

BNA_P

ClientSampleId :

20190826-COMPOSITE-B

Tot Ion:244 Resp: 1489802

Ion Ratio Lower Upper

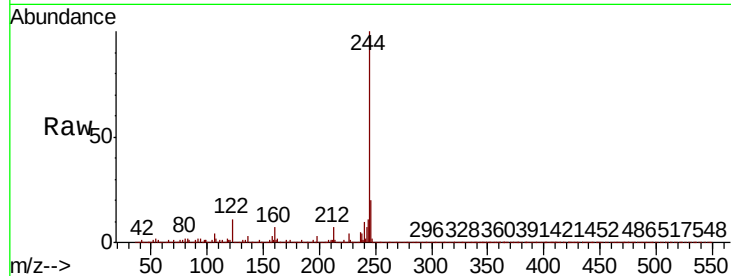
244 100

212 7.2 6.0 9.0

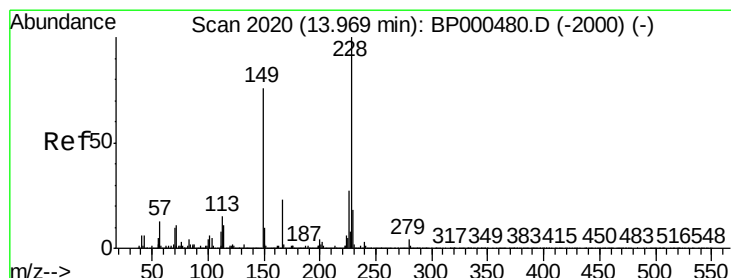
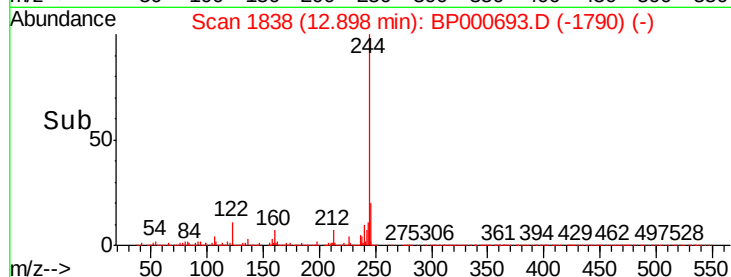
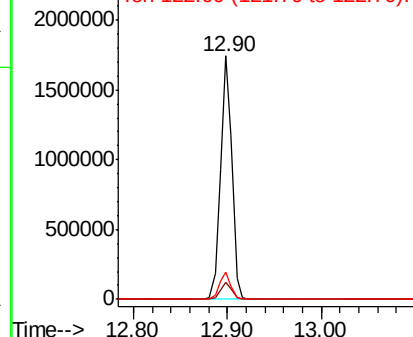
122 11.3 8.9 13.3

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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: 4.450 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000693.D

Acq: 13 Oct 2019 01:38

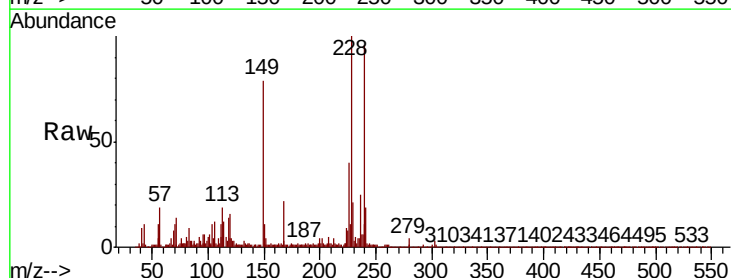
Tgt Ion:228 Resp: 179470

Ion Ratio Lower Upper

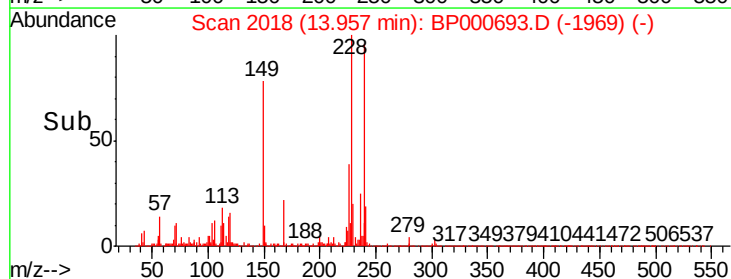
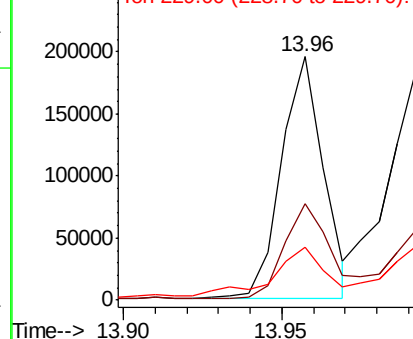
228 100

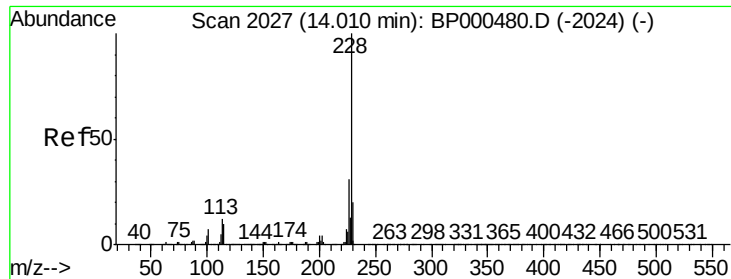
226 39.9 21.4 32.2#

229 21.5 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





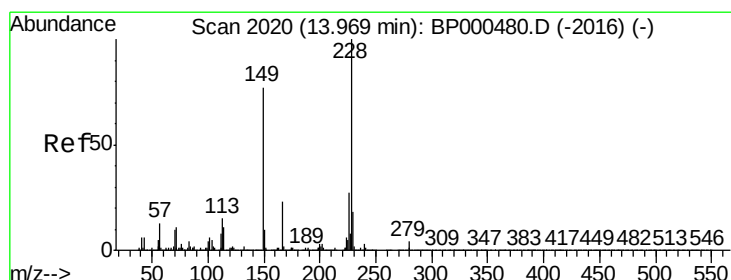
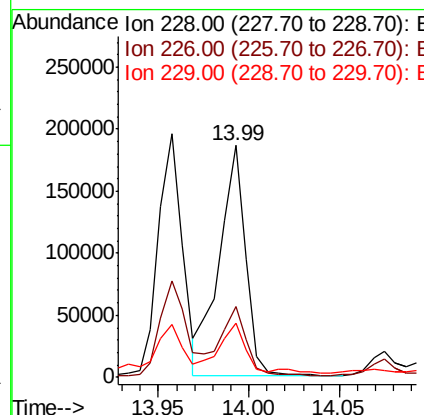
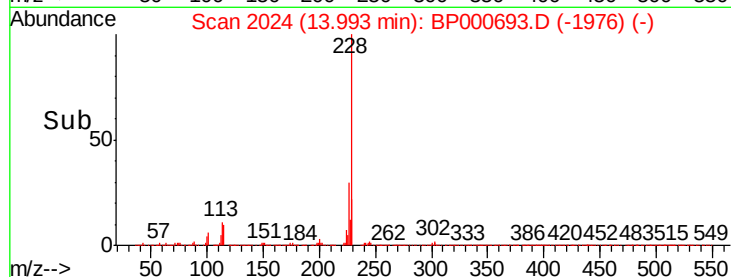
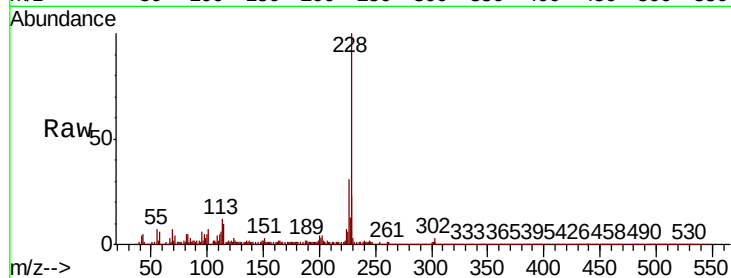
#83
 Chrysene
 Concen: 4.752 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BP000693.D
 Acq: 13 Oct 2019 01:38

Instrument :
 BNA_P
 ClientSampleId :
 20190826-COMPOSITE-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.5	24.7	37.1		
229	23.1	16.3	24.5		

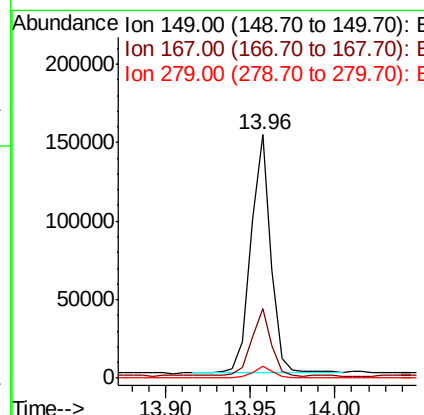
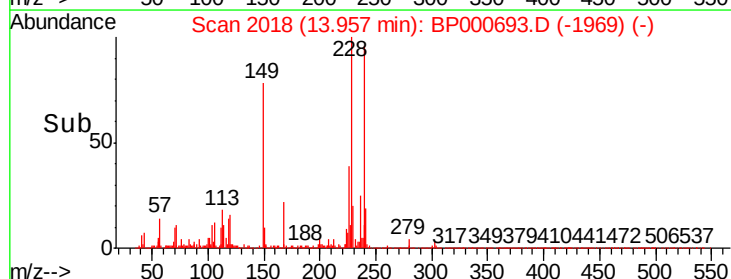
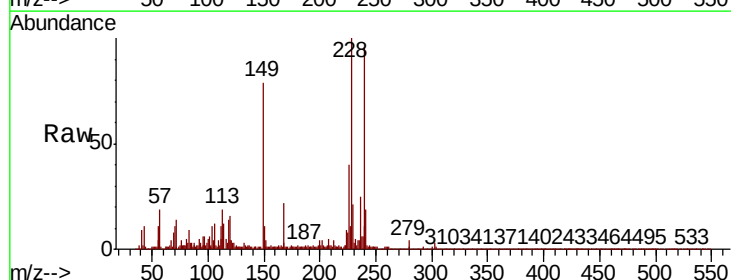
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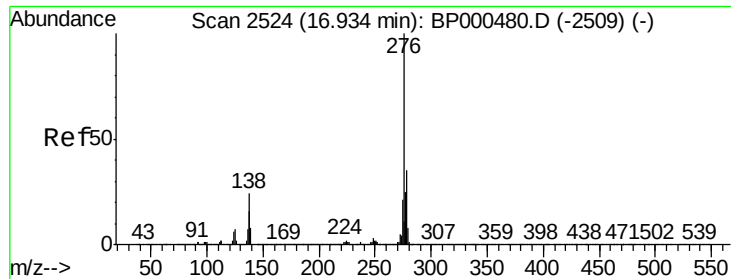
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.026 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000693.D
 Acq: 13 Oct 2019 01:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	28.4	23.6	35.4		
279	5.0	3.9	5.9		





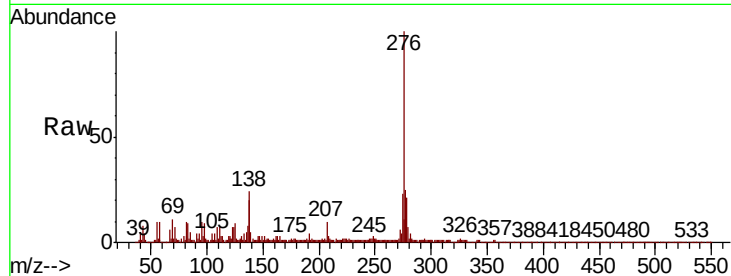
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.357 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.03 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

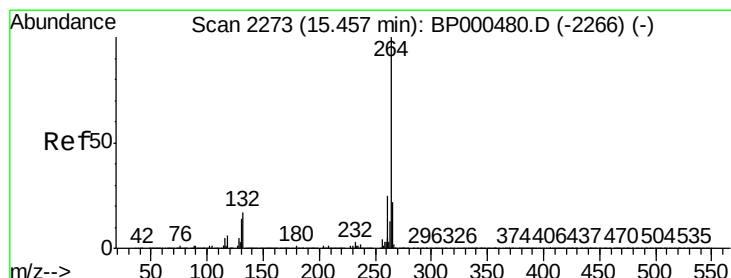
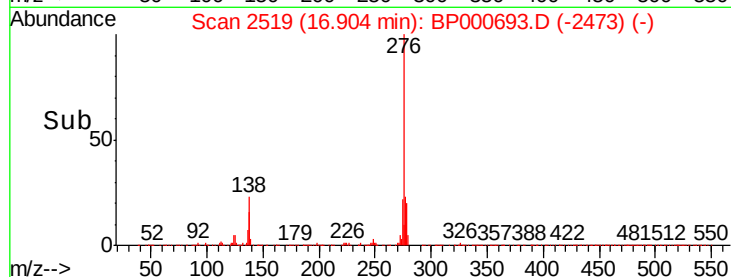
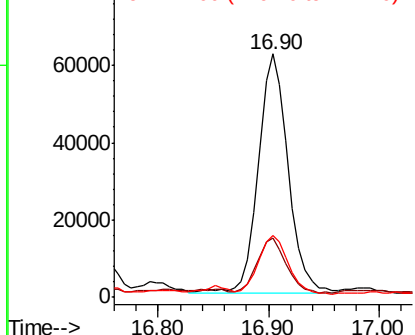
Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	22.6	20.9	31.3		
277	24.2	20.6	30.8		

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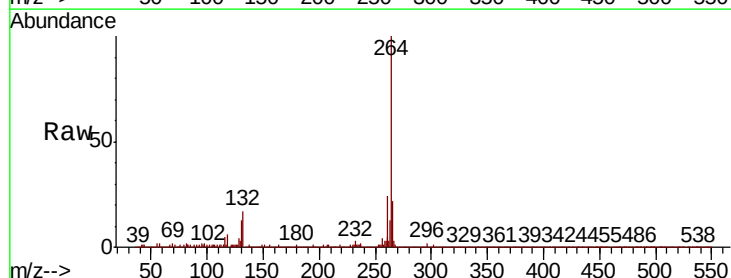


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

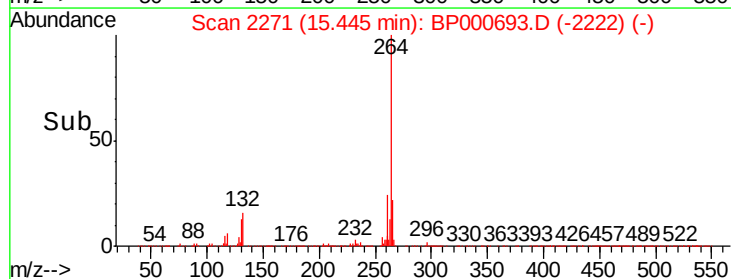
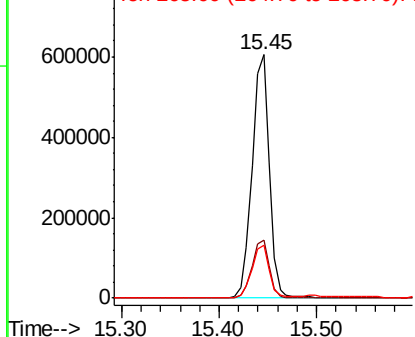


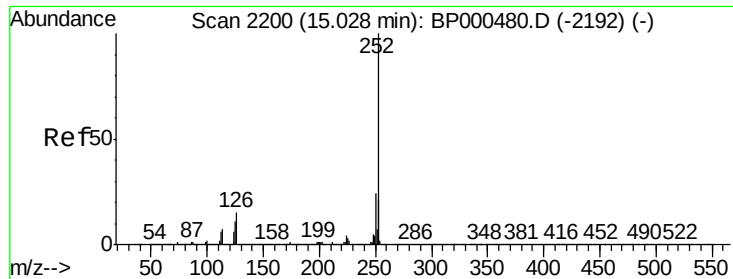
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.0	20.3	30.5		
265	21.8	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





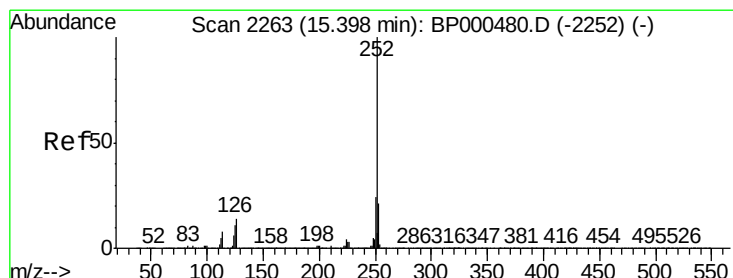
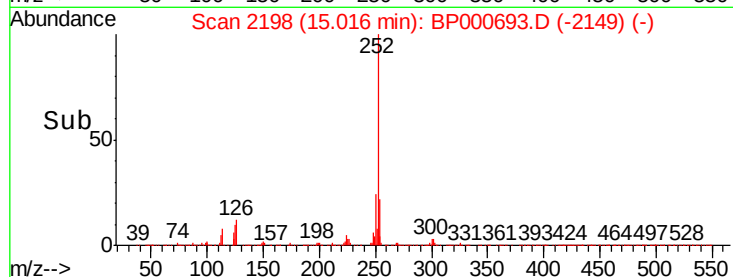
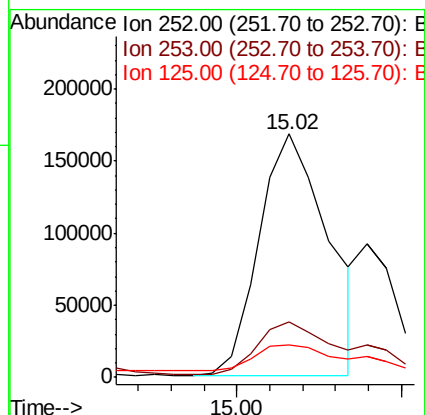
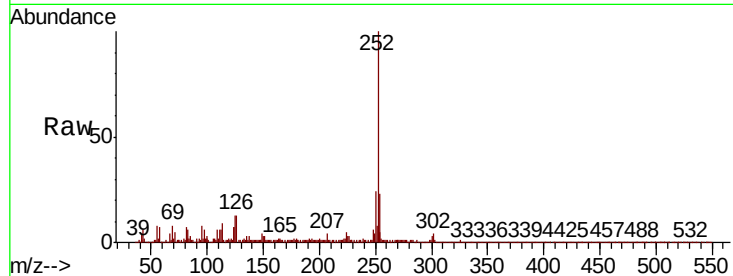
#88
Benzo(b)fluoranthene
Concen: 5.672 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	13.4	8.9	13.3#

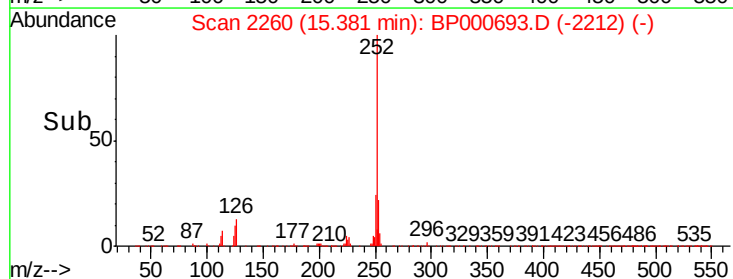
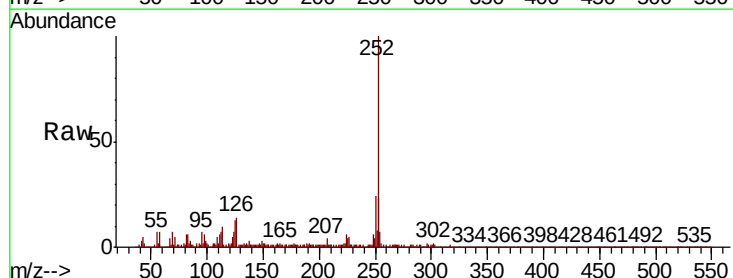
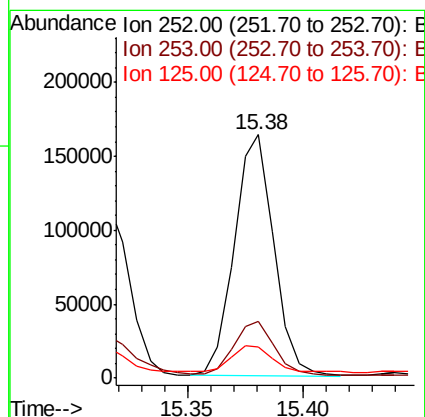
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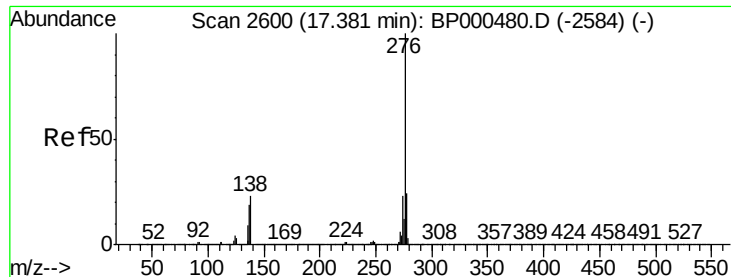
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#90
Benzo(a)pyrene
Concen: 4.876 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	12.9	8.4	12.6#





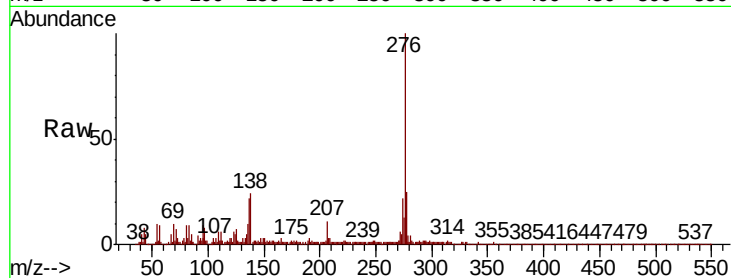
#92
 Benzo(a,h,i)perylene
 Concen: 3.073 ng
 RT: 17.35 min Scan# 2594
 Delta R.T. -0.04 min
 Lab File: BP000693.D
 Acq: 13 Oct 2019 01:38

Instrument :
 BNA_P
 ClientSampleId :
 20190826-COMPOSITE-B

Tot Ion:	276	Resp:	120748
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.4	29.2
138	23.6	18.5	27.7

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

