

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000695.D
 Acq On : 13 Oct 2019 02:27
 Operator : JU
 Sample : K5348-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190828-COMPOSITE-D

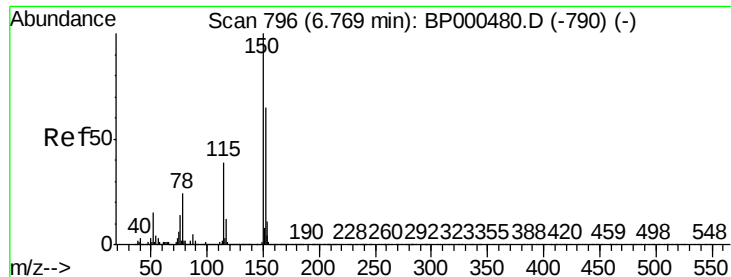
Manual Integrations
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mohammad
 10/16/2019 8:08:42 AM

Quant Time: Oct 14 07:10:00 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	239614	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	839370	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	449420	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	791315	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	652457	20.00	ng	-0.01
87) Perylene-d12	15.45	264	741640	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	470419	31.56	ng	-0.02
7) Phenol-d6	6.39	99	1503396	83.69	ng	-0.02
23) Nitrobenzene-d5	7.31	82	925215	67.32	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	68986	14.40	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1712754	61.66	ng	-0.02
79) Terphenyl-d14	12.90	244	1774799	55.08	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.29	77	39239	4.194	ng	Qvalue 97
10) Phenol	6.40	94	80210	4.361	ng	90
50) Dimethylphthalate	9.51	163	314195	10.061	ng	100
71) Phenanthrene	11.32	178	96488	2.428	ng	99
75) Fluoranthene	12.52	202	325540	7.293	ng	98
78) Pyrene	12.75	202	354468	7.877	ng	99
81) Benzo(a)anthracene	13.96	228	202429	5.085	ng	# 78
83) Chrysene	13.99	228	214511	5.490	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	136287	5.526	ng	98
86) Indeno(1,2,3-cd)pyrene	16.91	276	133246	2.730	ng	96
88) Benzo(b)fluoranthene	15.02	252	283962m	6.749	ng	
89) Benzo(k)fluoranthene	15.04	252	90769m	2.266	ng	
90) Benzo(a)pyrene	15.38	252	234200	5.971	ng	# 95
92) Benzo(a,h,i)perylene	17.35	276	143192	3.704	ng	97

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



#1

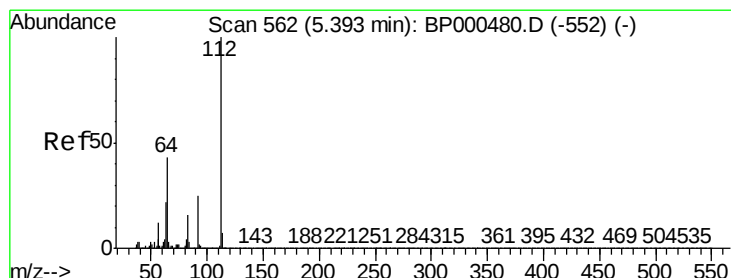
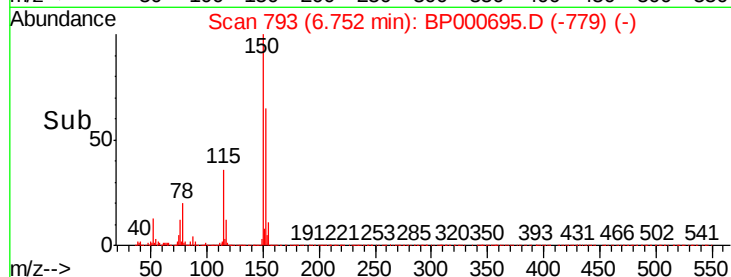
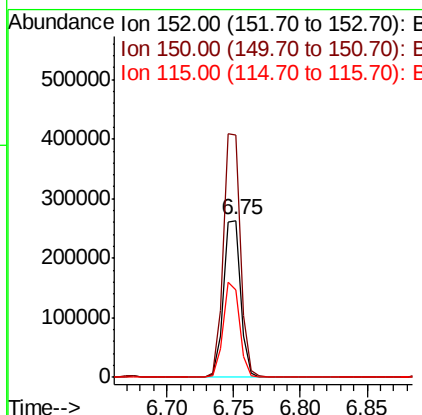
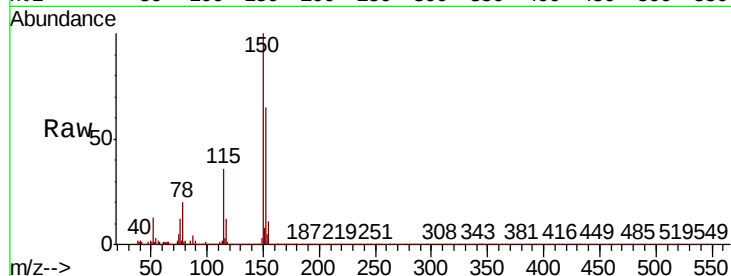
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.1	186.1
115	55.4	48.7	73.1

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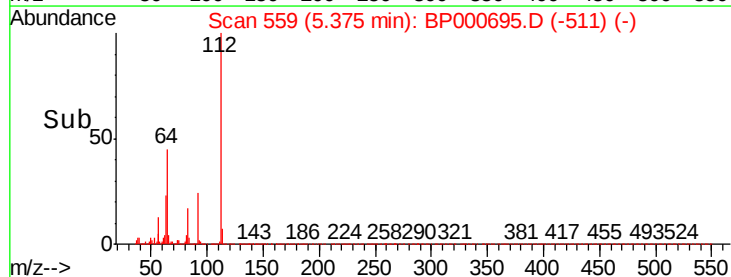
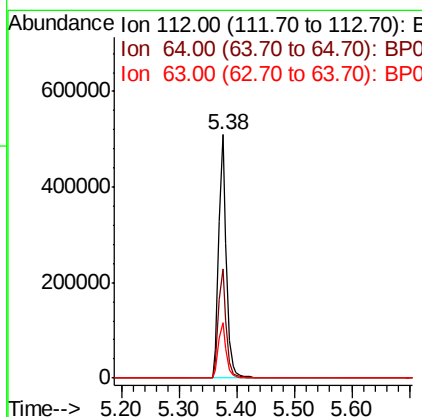
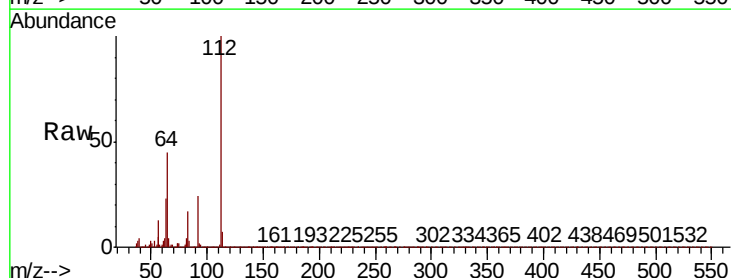
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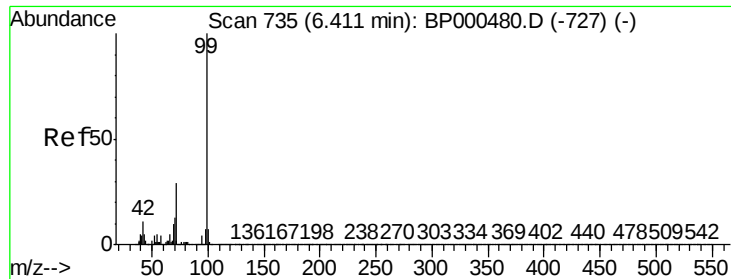


#5

2-Fluorophenol
Concen: 31.558 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	34.2	51.4
63	23.0	17.9	26.9





#7

Phenol-d6

Concen: 83.694 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000695.D

Acq: 13 Oct 2019 02:27

Instrument :

BNA_P

ClientSampleId :

20190828-COMPOSITE-D

Tot Ion: 99 Resp: 1503396

Ion Ratio Lower Upper

99 100

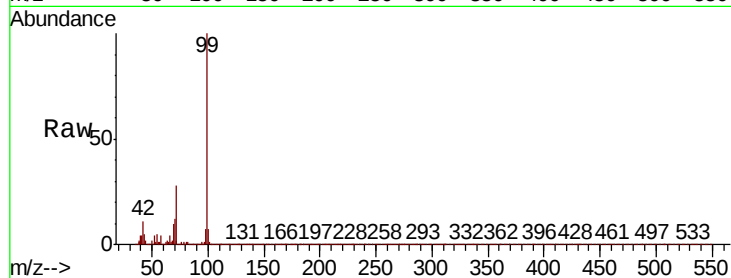
42 10.5 8.6 12.8

71 28.3 23.0 34.4

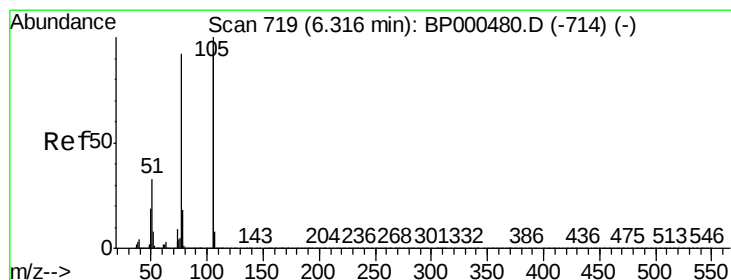
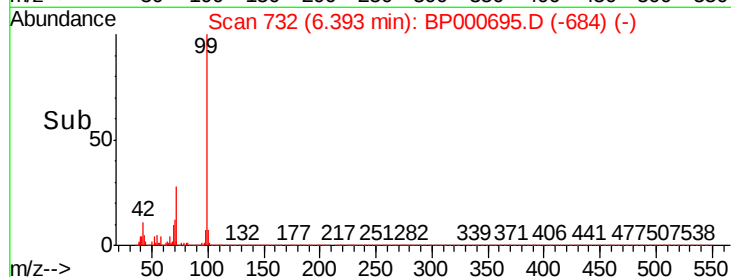
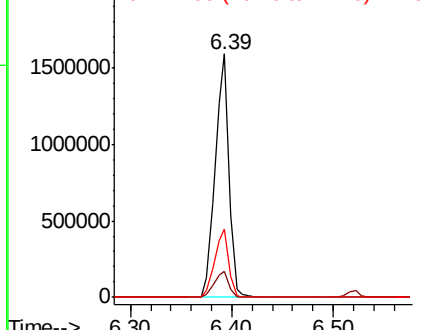
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Abundance Ion 99.00 (98.70 to 99.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



#9

Benzaldehyde

Concen: 4.194 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BP000695.D

Acq: 13 Oct 2019 02:27

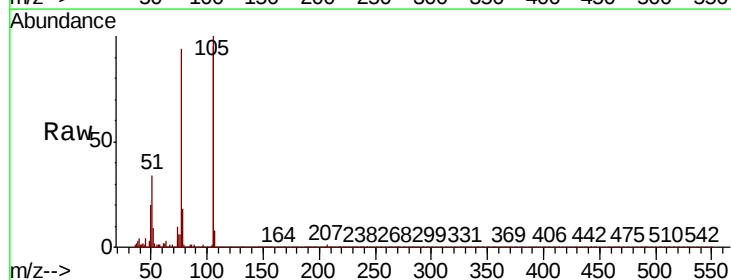
Tgt Ion: 77 Resp: 39239

Ion Ratio Lower Upper

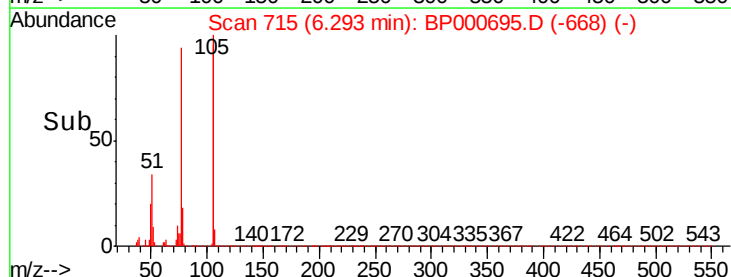
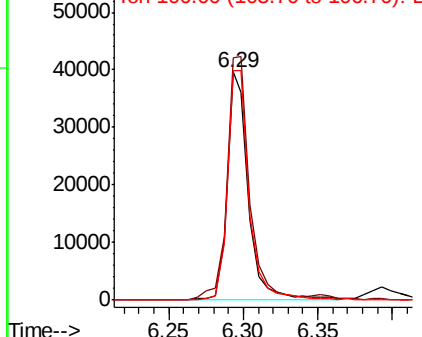
77 100

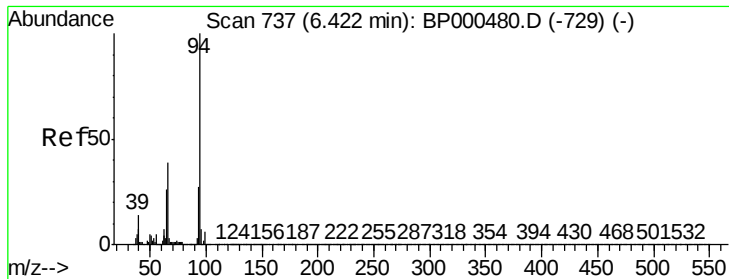
105 106.4 88.3 128.3

106 100.8 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





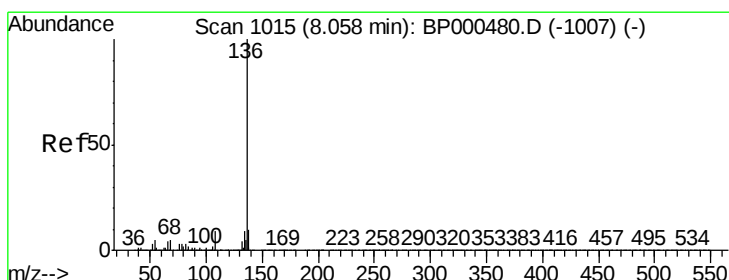
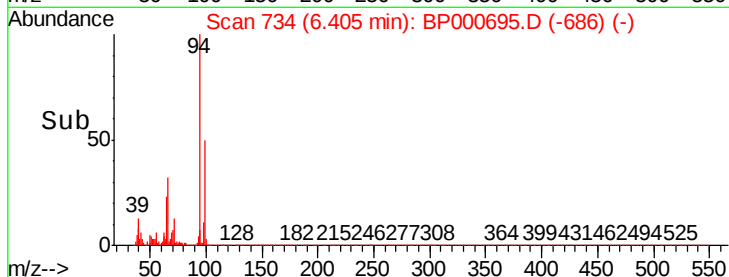
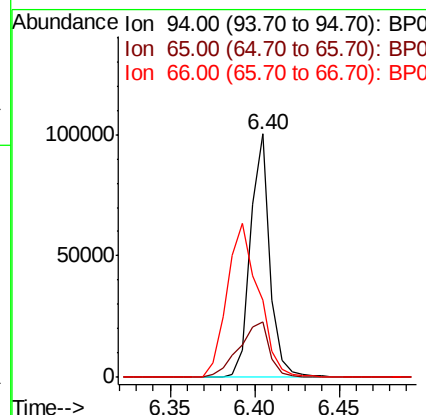
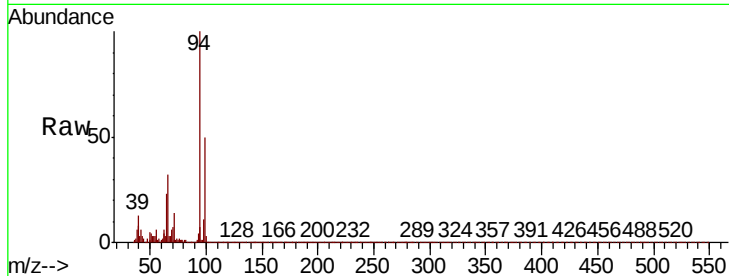
#10
Phenol
Concen: 4.361 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		80210		
65	22.6	5.9	45.9		
66	31.7	18.8	58.8		

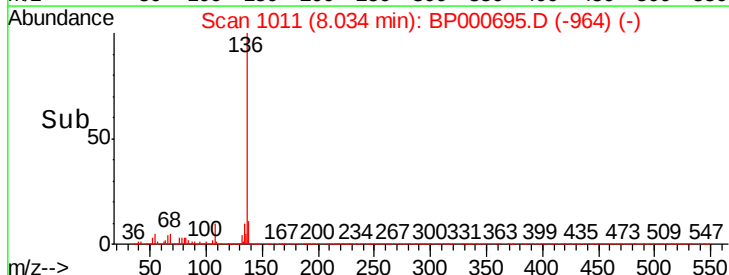
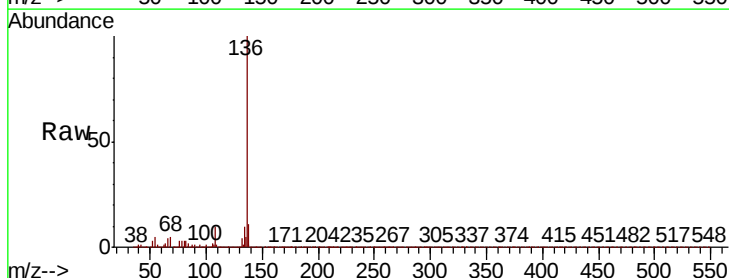
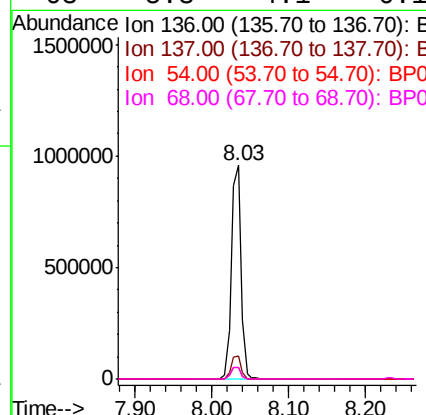
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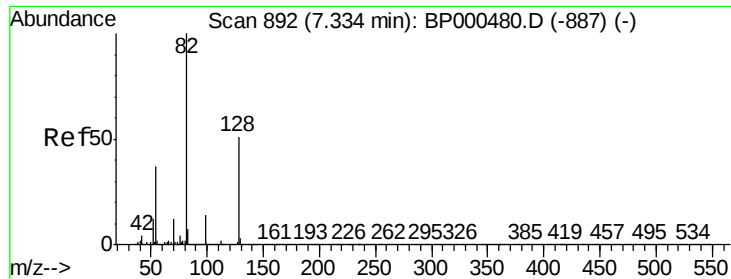
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		839370		
137	10.9	8.2	12.4		
54	5.3	4.1	6.1		
68	5.3	4.1	6.1		





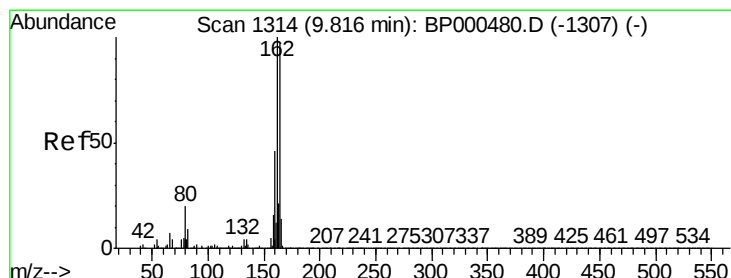
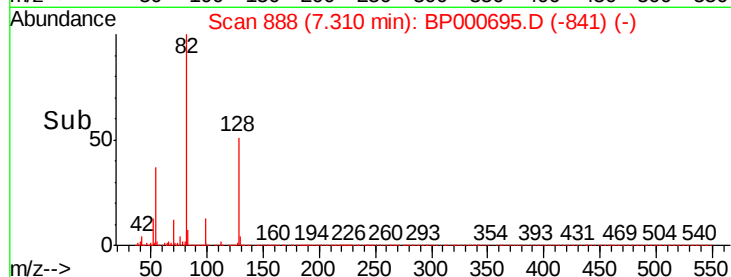
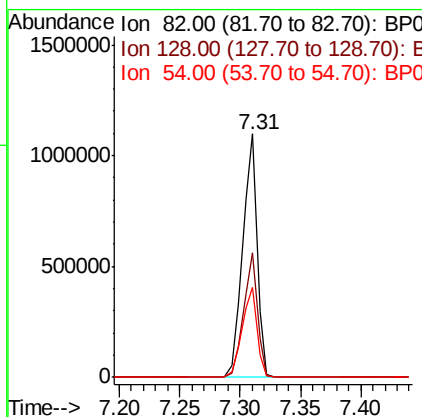
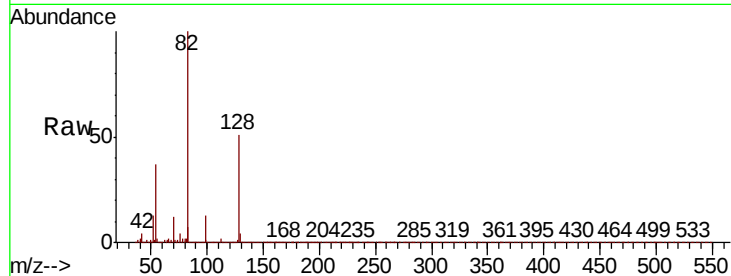
#23
Nitrobenzene-d5
Concen: 67.322 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	51.1	40.9	61.3
54	37.0	29.4	44.2

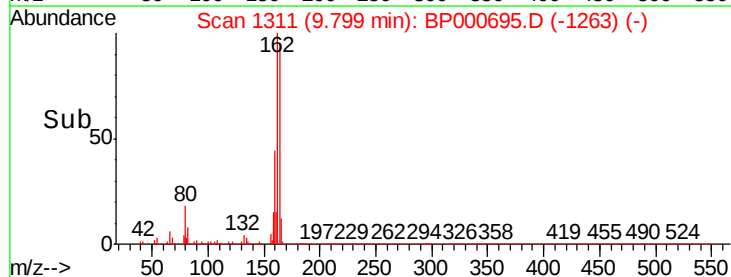
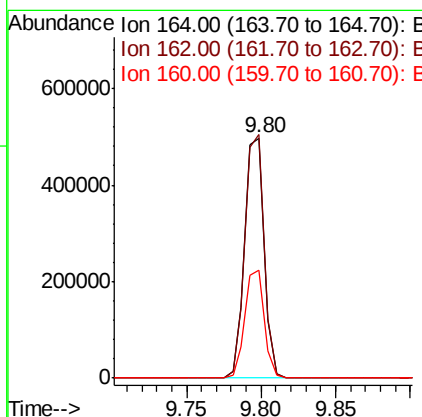
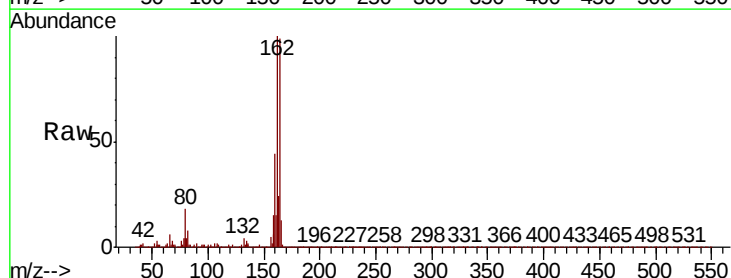
Manual Integrations
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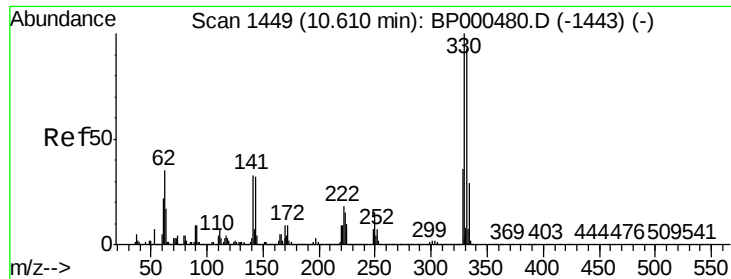
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	101.5	82.2	123.2
160	44.9	37.6	56.4





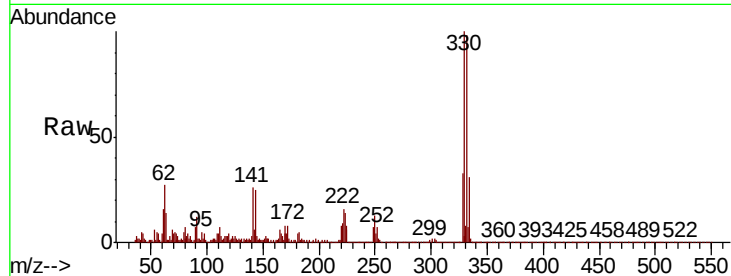
#42
2,4,6-Tribromophenol
Concen: 14.405 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

Tot Ion	Ratio	Resp	Lower	Upper
330	100	68986		
332	97.6		77.1	115.7
141	34.0		26.0	39.0

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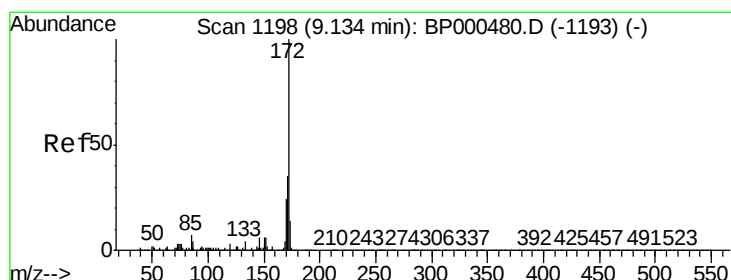
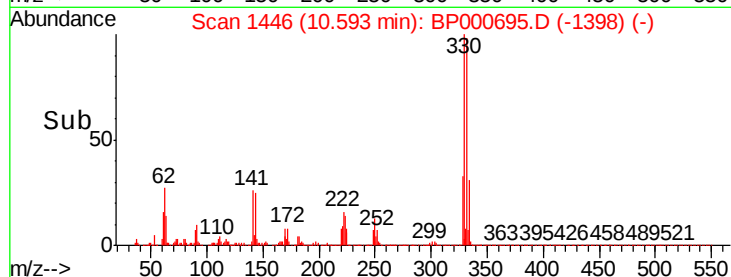
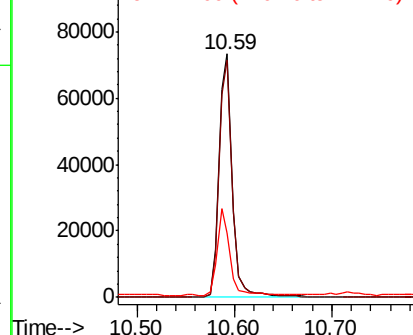


Abundance

Ion 329.80 (329.50 to 330.50): E

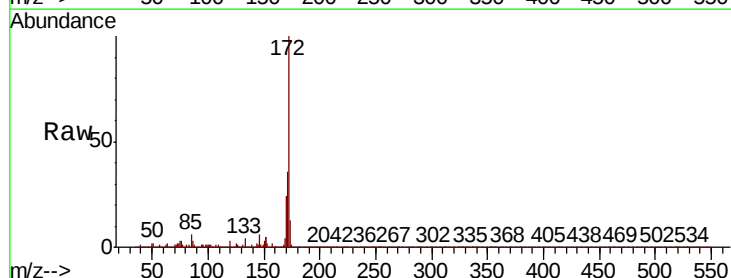
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 61.662 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1712754		
171	35.8		28.4	42.6
170	23.9		19.1	28.7

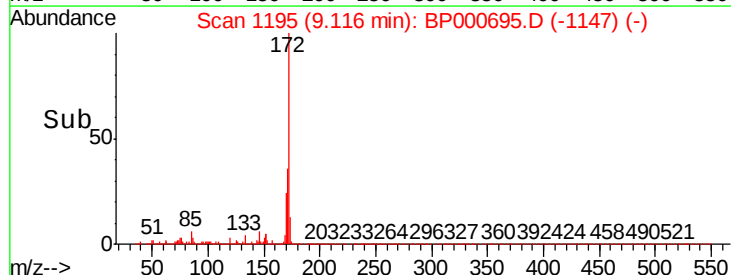
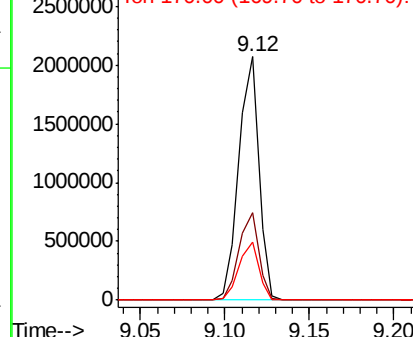


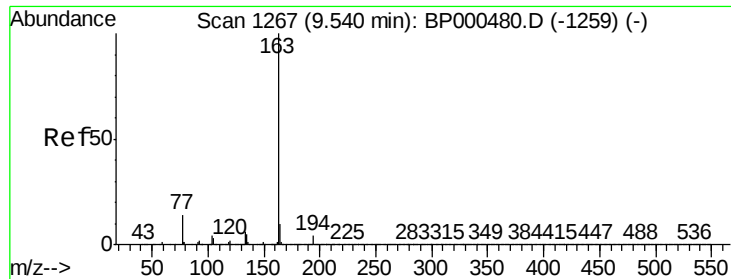
Abundance

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





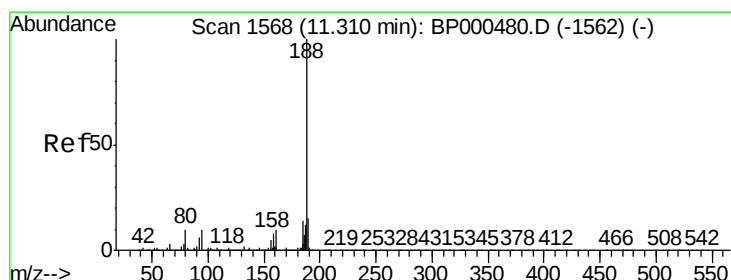
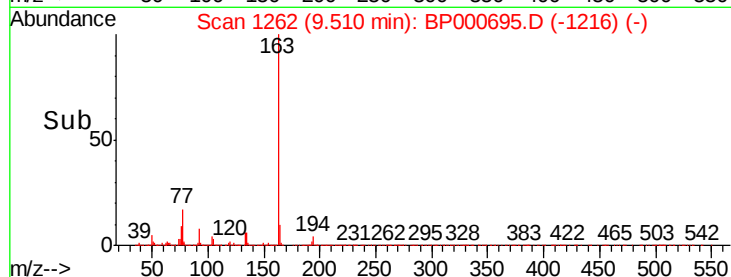
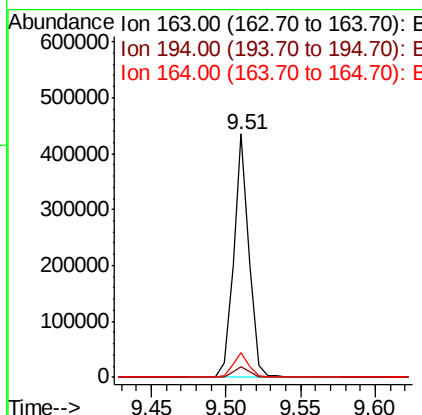
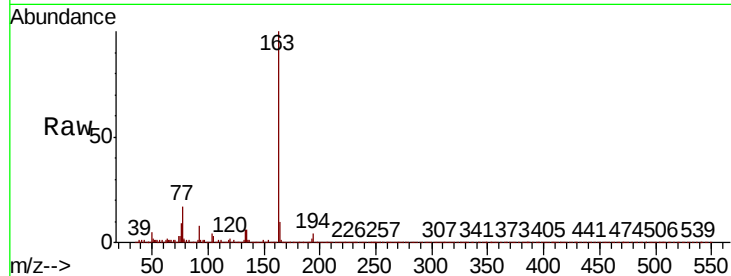
#50
Dimethylphthalate
Concen: 10.061 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.1	8.0	12.0

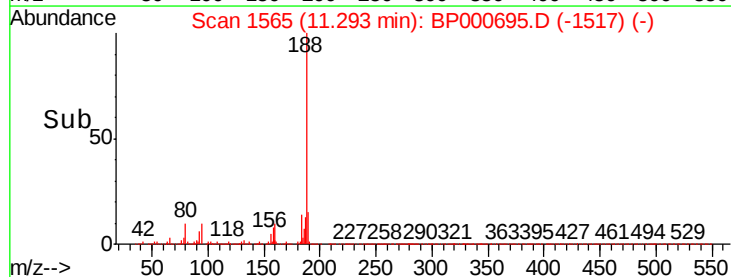
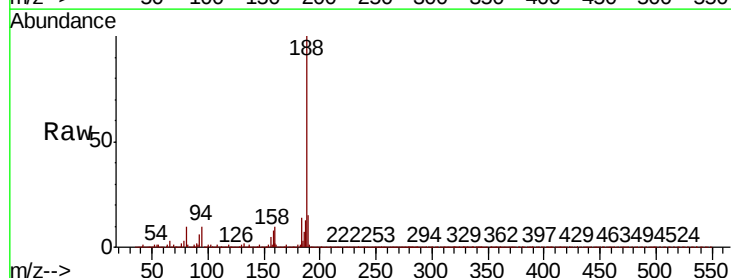
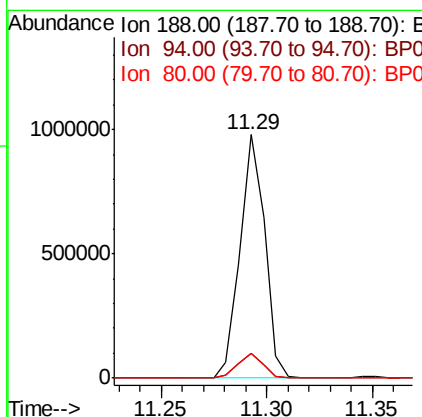
Manual Integrations
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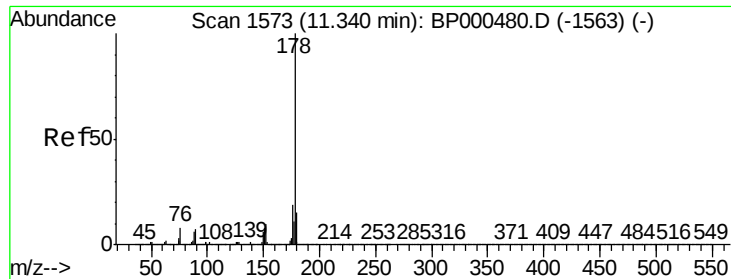
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	8.2	12.2
80	10.3	8.3	12.5





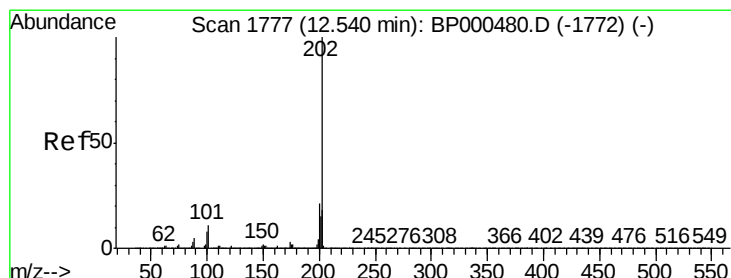
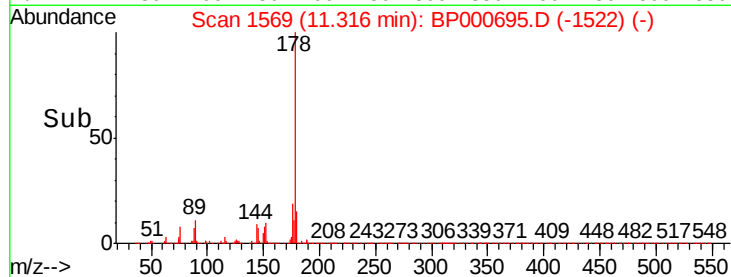
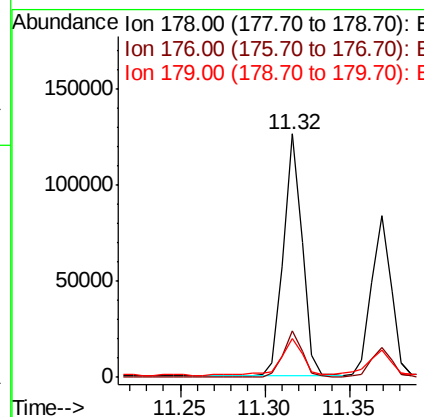
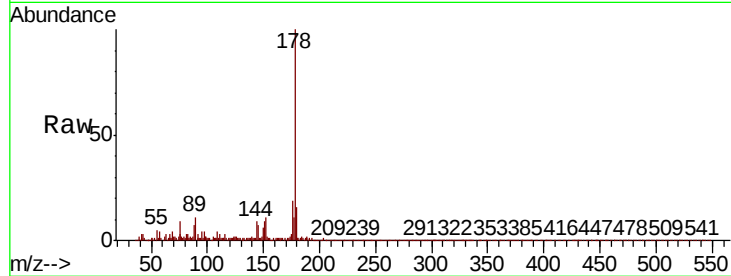
#71
Phenanthrene
Concen: 2.428 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.1	12.2	18.4

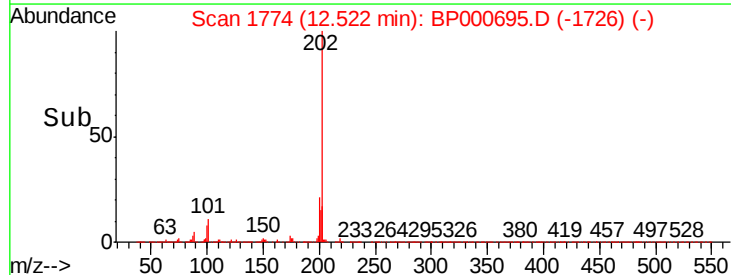
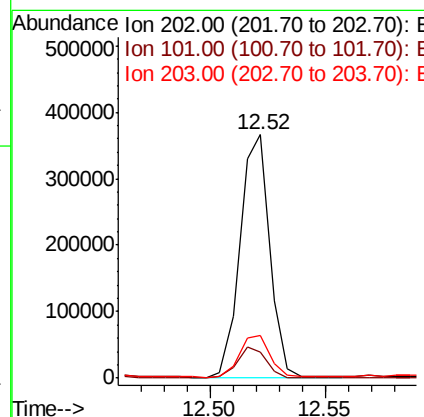
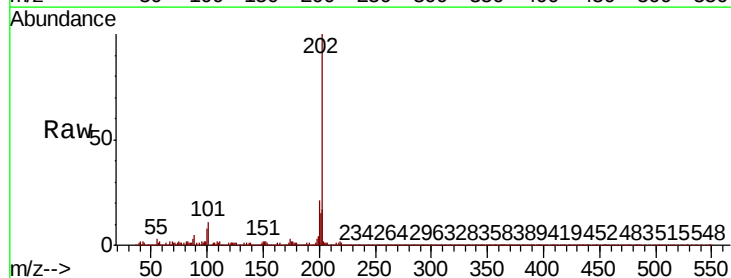
Manual Integrations
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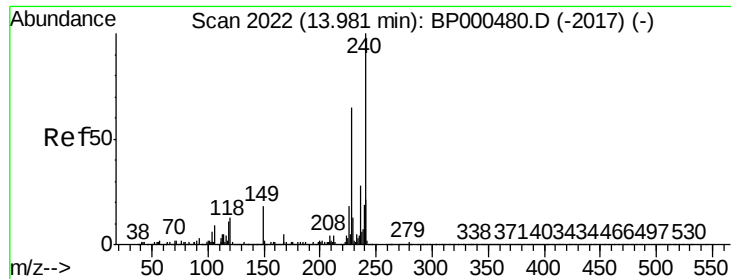
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#75
Fluoranthene
Concen: 7.293 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.3
203	17.4	0.0	38.1





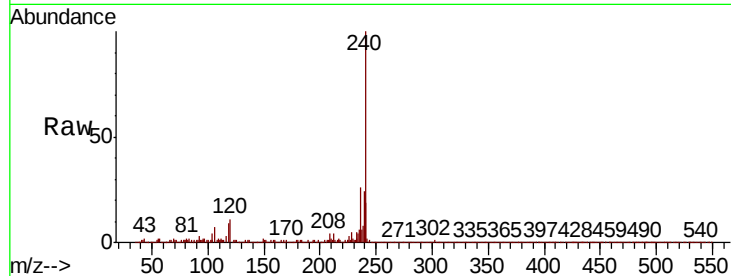
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.1	15.1
236	26.3	22.7	34.1

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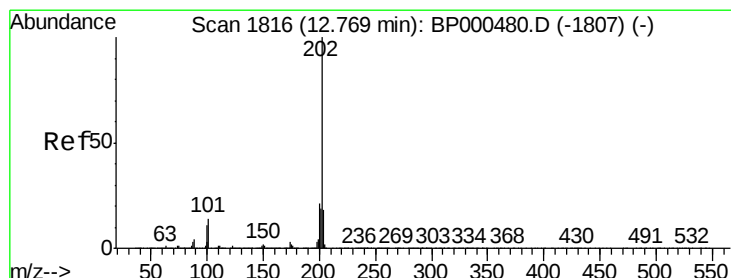
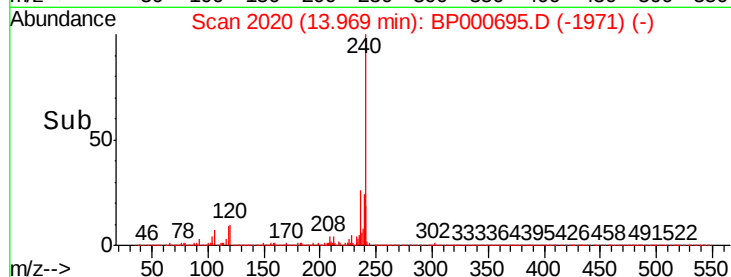
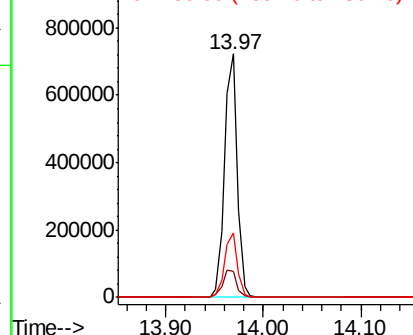


Abundance

Ion 240.00 (239.70 to 240.70): E

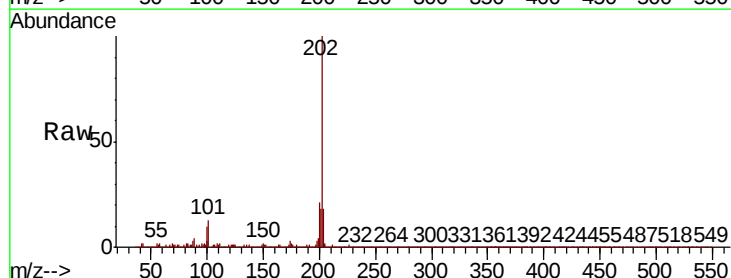
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 7.877 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.1	25.7
203	17.7	14.6	21.8

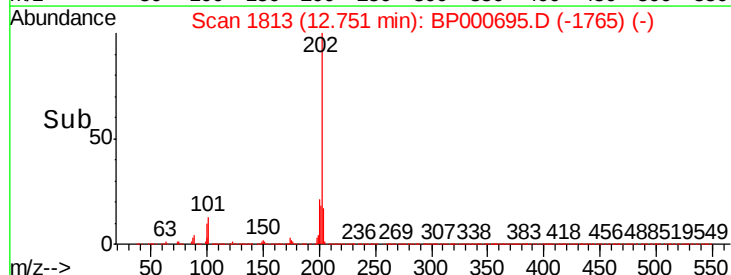
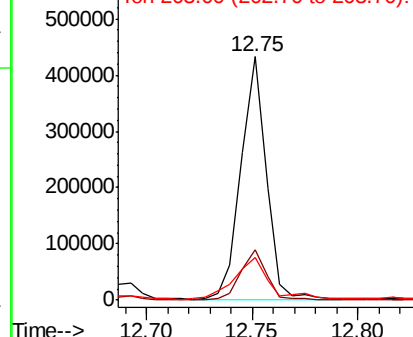


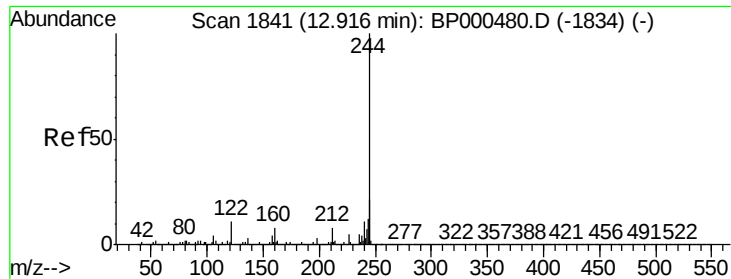
Abundance

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





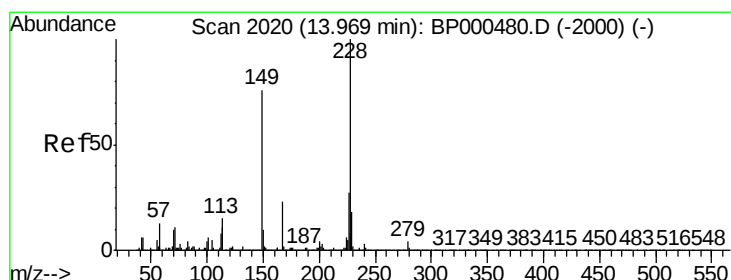
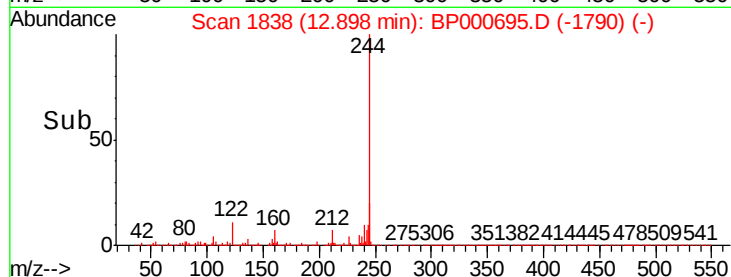
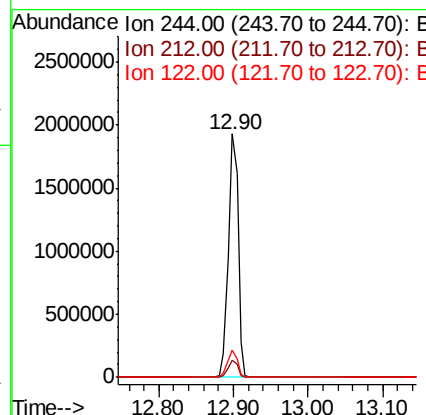
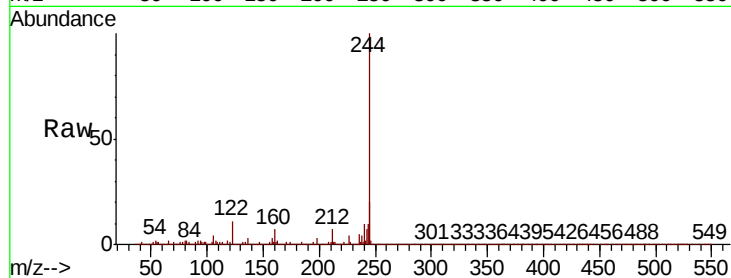
#79
 Terphenyl-d14
 Concen: 55.076 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BP000695.D
 Acq: 13 Oct 2019 02:27

Instrument :
 BNA_P
 ClientSampleId :
 20190828-COMPOSITE-D

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.3	8.9	13.3

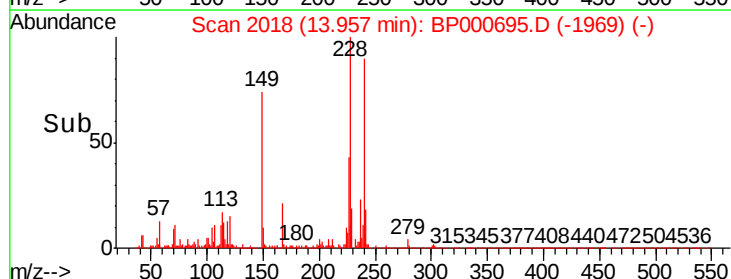
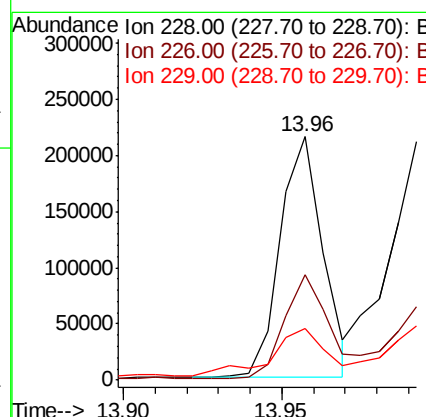
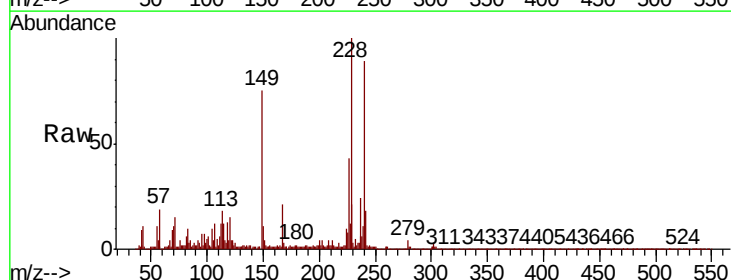
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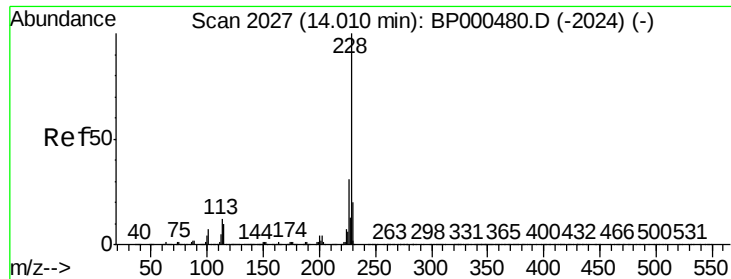
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#81
 Benzo(a)anthracene
 Concen: 5.085 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000695.D
 Acq: 13 Oct 2019 02:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	43.4	21.4	32.2#
229	21.2	14.7	22.1





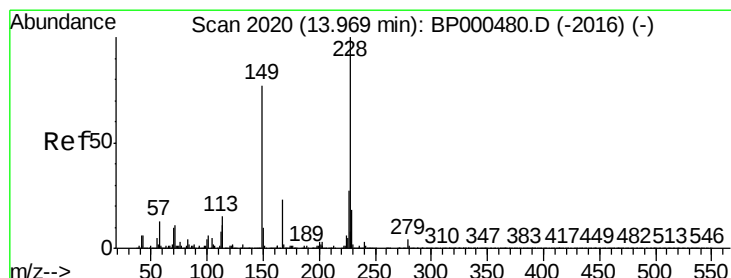
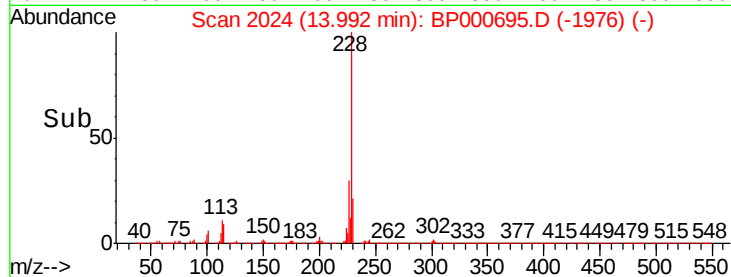
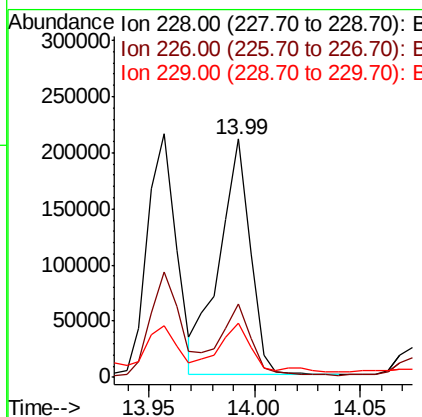
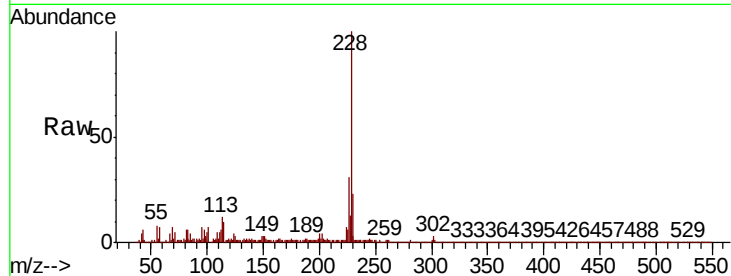
#83
 Chrysene
 Concen: 5.490 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BP000695.D
 Acq: 13 Oct 2019 02:27

Instrument :
 BNA_P
 ClientSampleId :
 20190828-COMPOSITE-D

Tot Ion:	228	Resp:	214511
Ion Ratio		Lower	Upper
228	100		
226	30.6	24.7	37.1
229	22.7	16.3	24.5

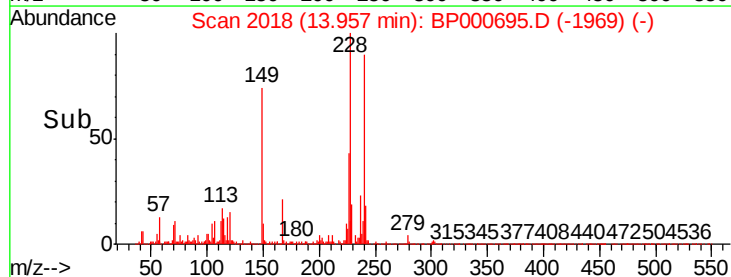
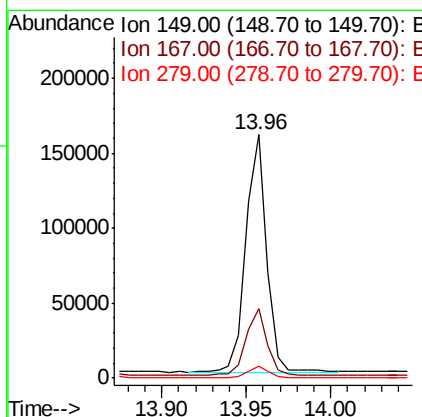
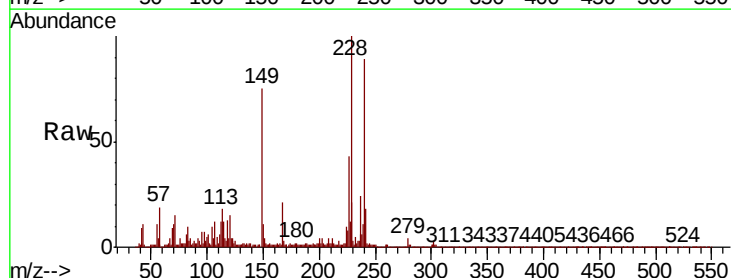
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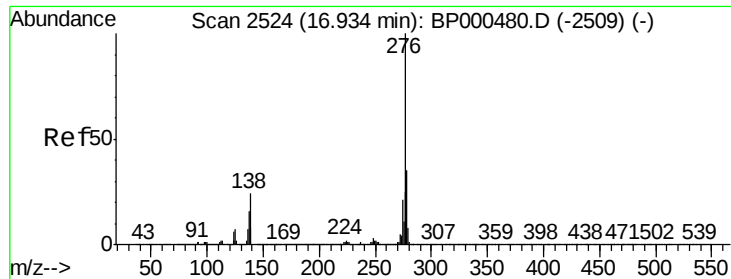
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.526 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000695.D
 Acq: 13 Oct 2019 02:27

Tgt Ion:	149	Resp:	136287
Ion Ratio		Lower	Upper
149	100		
167	28.4	23.6	35.4
279	5.1	3.9	5.9





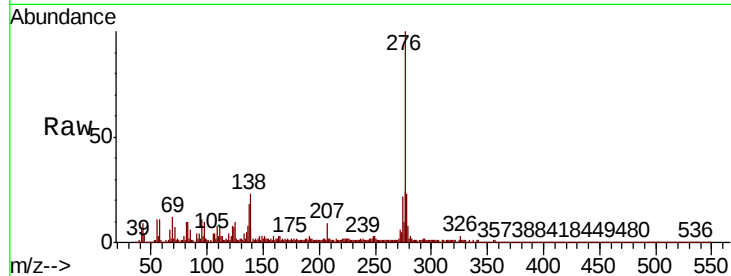
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.730 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	20.9	31.3
277	25.3	20.6	30.8

Manual Integrations
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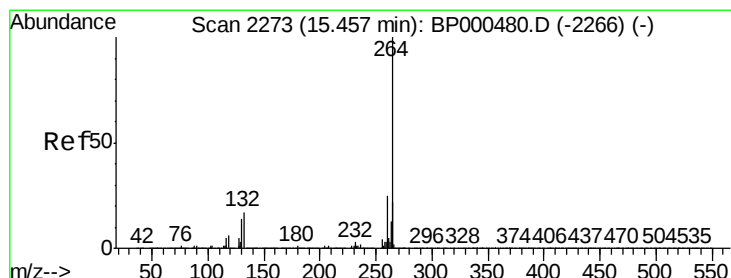
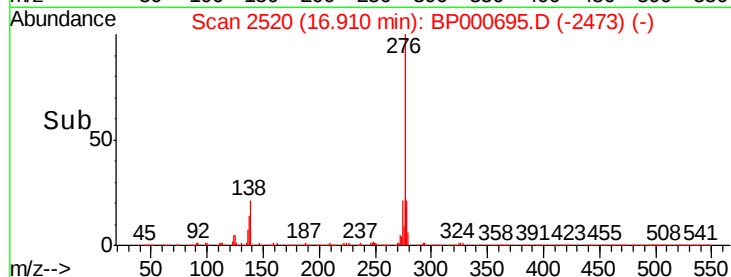
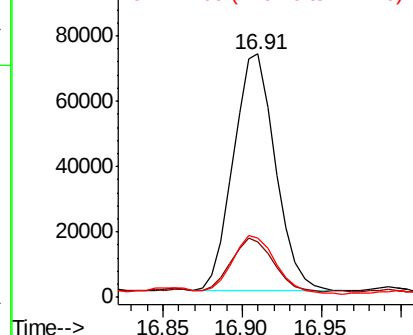


Abundance

Ion 276.00 (275.70 to 276.70): E

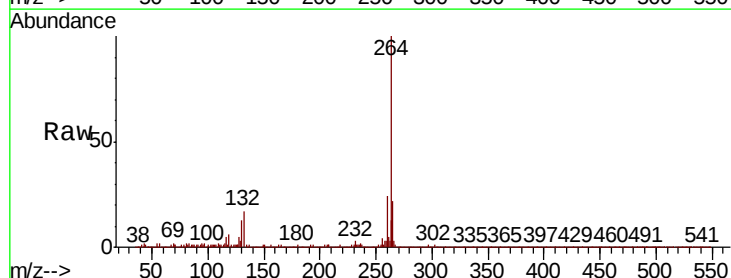
Ion 138.00 (137.70 to 138.70): E

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: BP000695.D
Acq: 13 Oct 2019 02:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	21.7	18.0	27.0

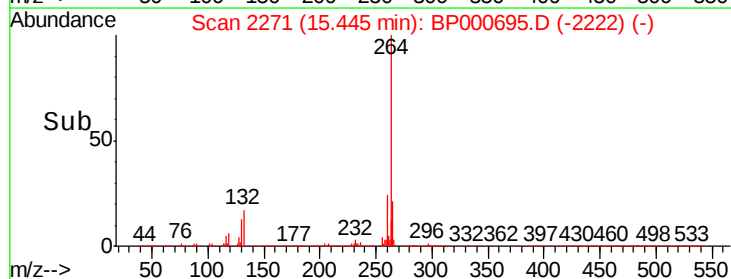
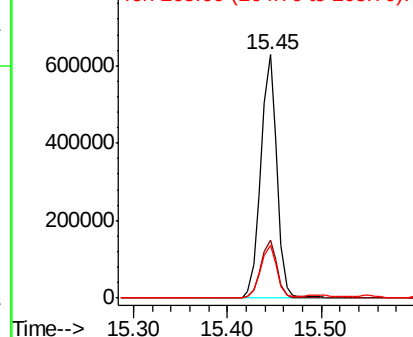


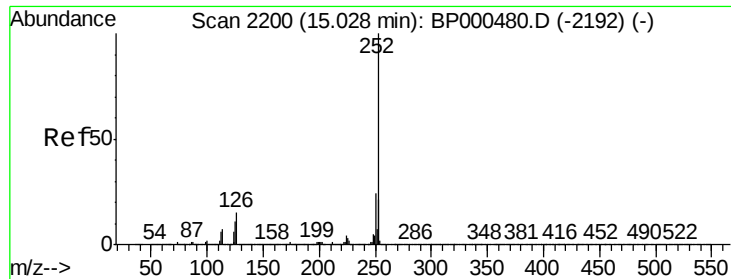
Abundance

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





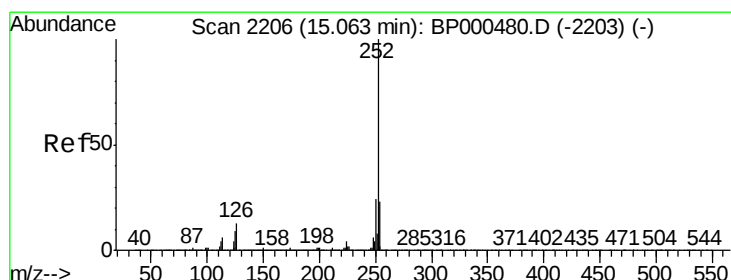
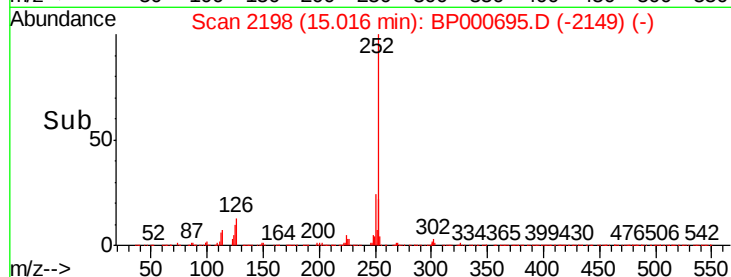
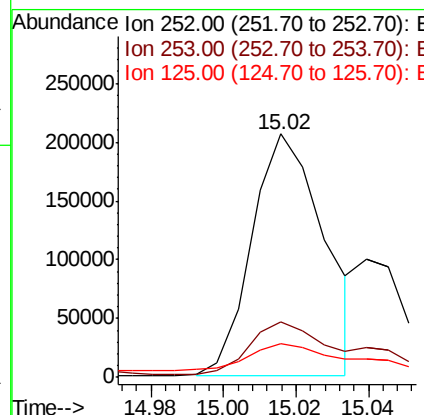
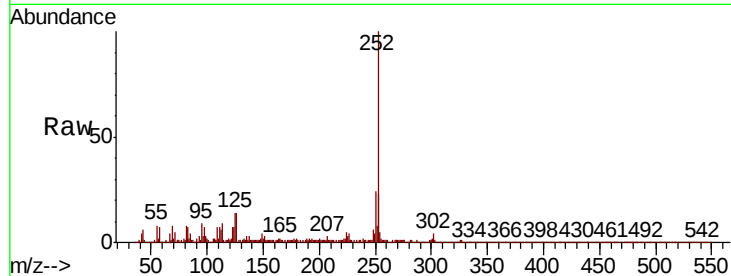
#88
Benzo(b)fluoranthene
Concen: 6.749 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	13.7	8.9	13.3

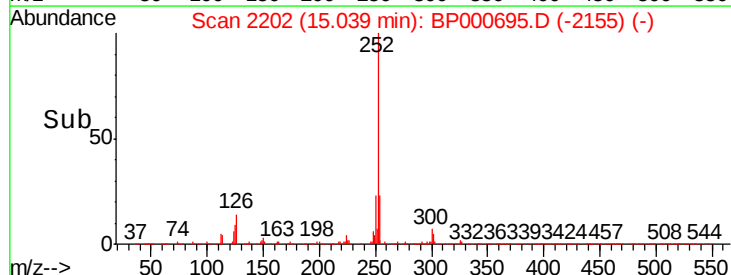
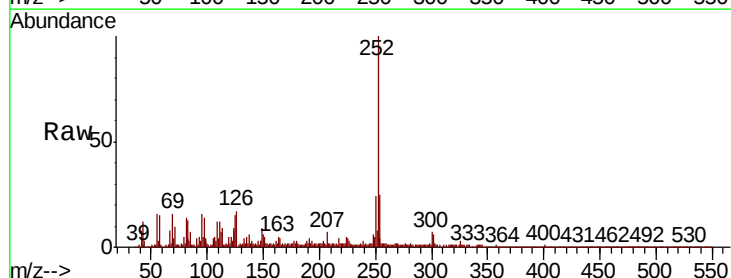
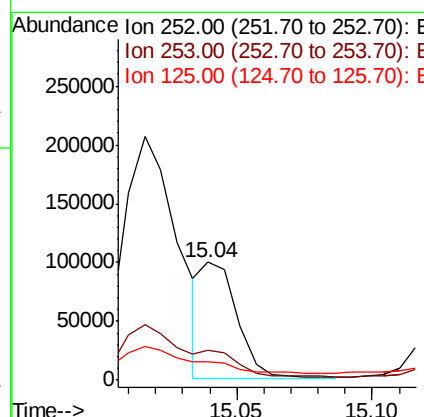
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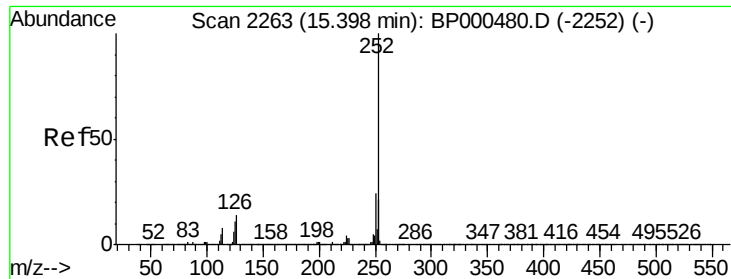
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#89
Benzo(k)fluoranthene
Concen: 2.266 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.4	27.6
125	15.5	7.8	11.8





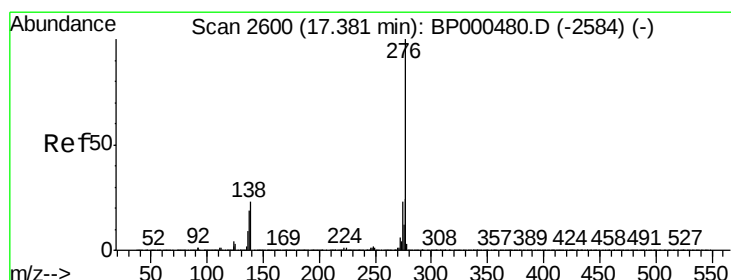
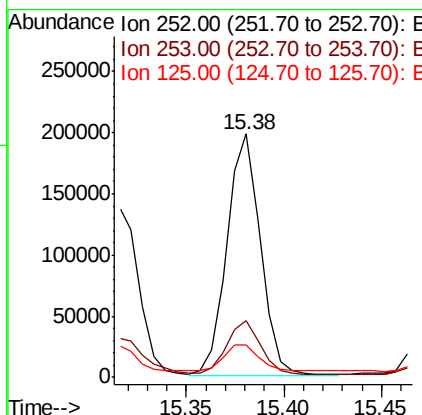
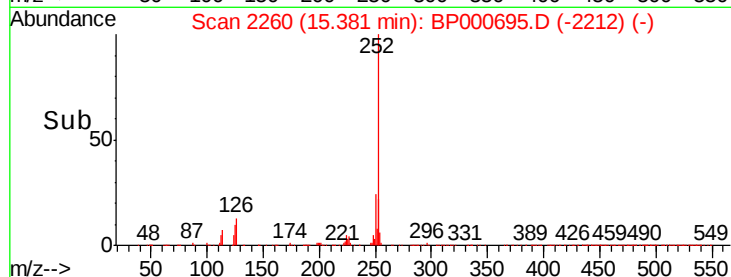
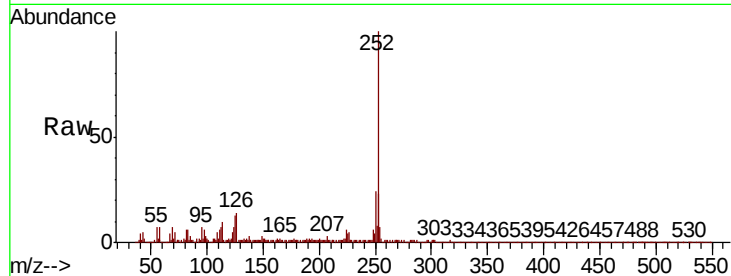
#90
Benzo(a)pyrene
Concen: 5.971 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	13.2	8.4	12.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.704 ng
RT: 17.35 min Scan# 2594
Delta R.T. -0.04 min
Lab File: BP000695.D
Acq: 13 Oct 2019 02:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.4	29.2
138	25.3	18.5	27.7

