

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000696.D
 Acq On : 13 Oct 2019 02:51
 Operator : JU
 Sample : K5348-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190829-COMPOSITE-E

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:08:44 AM

Quant Time: Oct 14 07:15:18 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	217816	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	791109	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	426802	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	771719	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	639305	20.00	ng	-0.01
87) Perylene-d12	15.45	264	756646	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	242583	17.90	ng	-0.02
7) Phenol-d6	6.39	99	1253724	76.78	ng	-0.02
23) Nitrobenzene-d5	7.31	82	791316	61.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	23639	5.20	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1390888	52.73	ng	-0.02
79) Terphenyl-d14	12.90	244	1603909	50.80	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.29	77	37198	4.373	ng	Qvalue 96
10) Phenol	6.40	94	72956	4.364	ng	92
50) Dimethylphthalate	9.51	163	310977	10.486	ng	100
71) Phenanthrene	11.32	178	107945	2.785	ng	98
75) Fluoranthene	12.52	202	357437	8.211	ng	99
78) Pyrene	12.75	202	382901	8.684	ng	99
81) Benzo(a)anthracene	13.96	228	226286	5.801	ng	# 80
83) Chrysene	13.99	228	240916	6.293	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	136911	5.666	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	160551	3.357	ng	95
88) Benzo(b)fluoranthene	15.02	252	326572m	7.608	ng	
89) Benzo(k)fluoranthene	15.04	252	92379m	2.260	ng	
90) Benzo(a)pyrene	15.38	252	263595	6.587	ng	# 94
92) Benzo(a,h,i)perylene	17.35	276	163898	4.156	ng	99

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

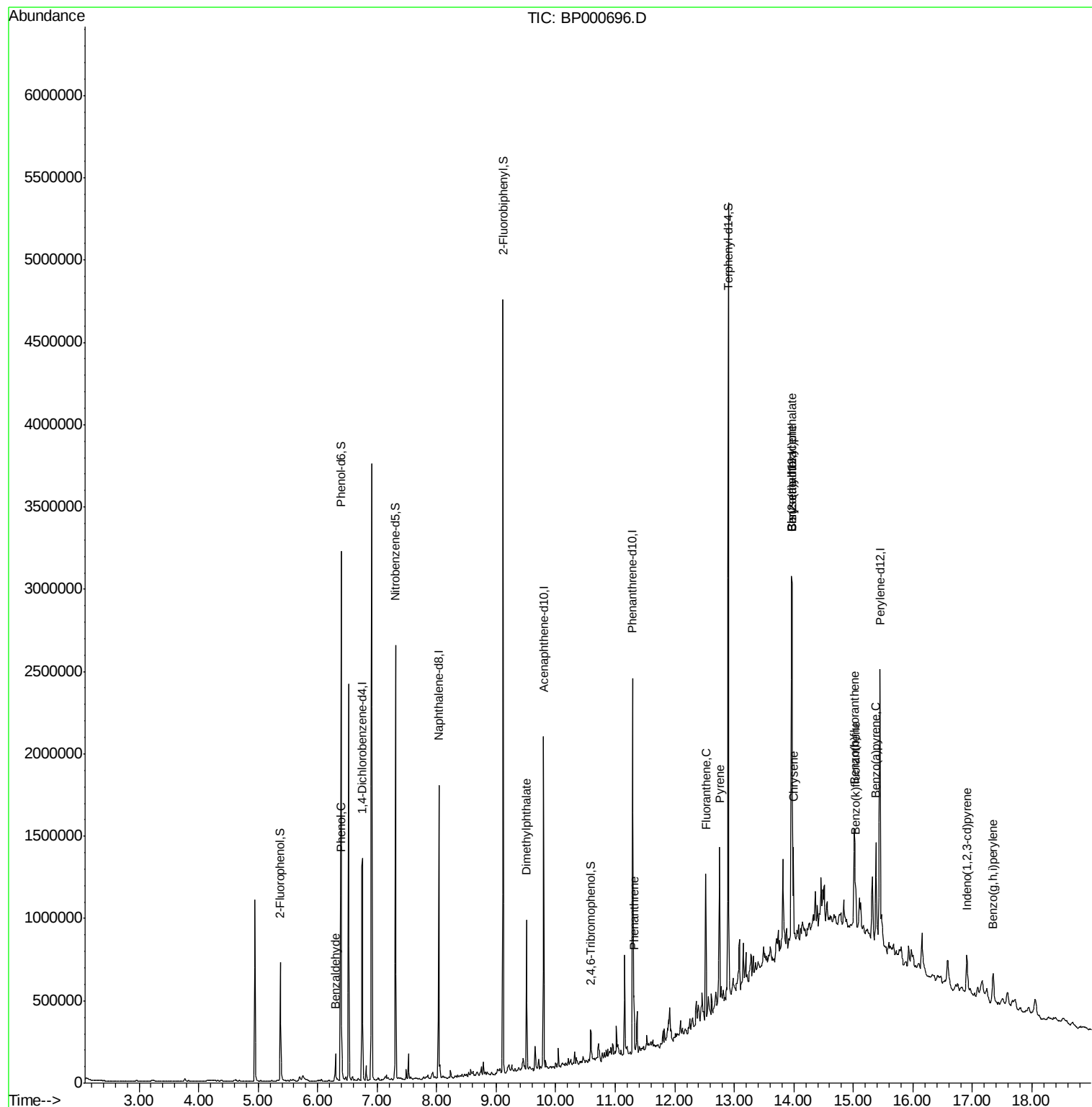
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
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ALS Vial : 25 Sample Multiplier: 1

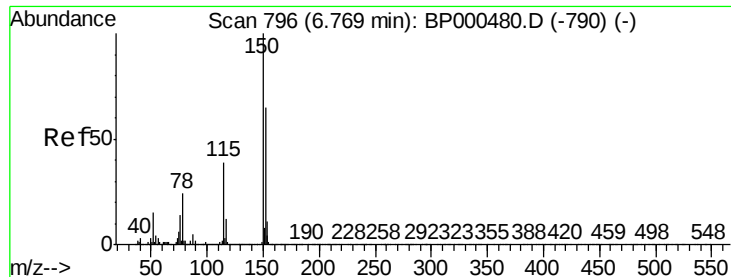
Instrument :
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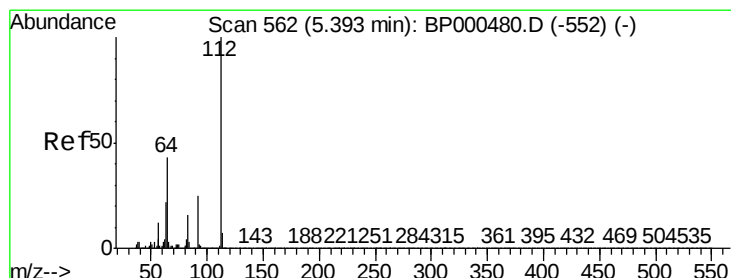
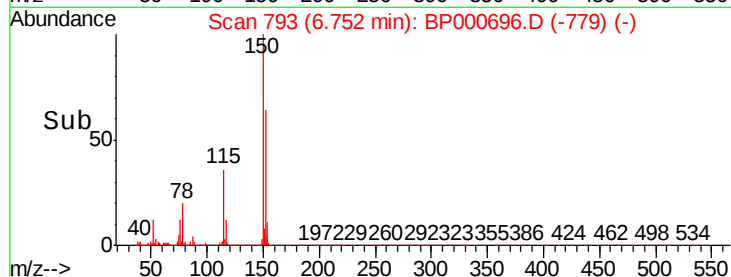
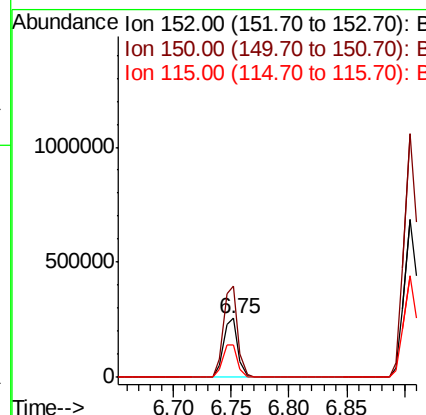
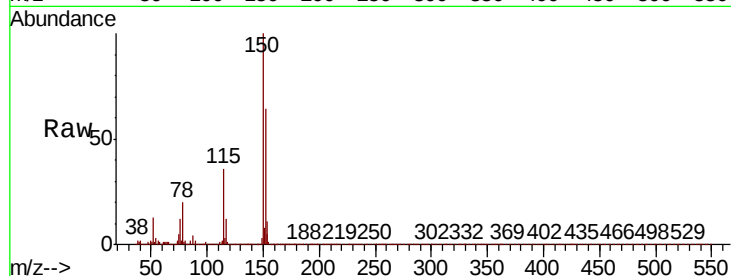
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.1	186.1
115	55.6	48.7	73.1

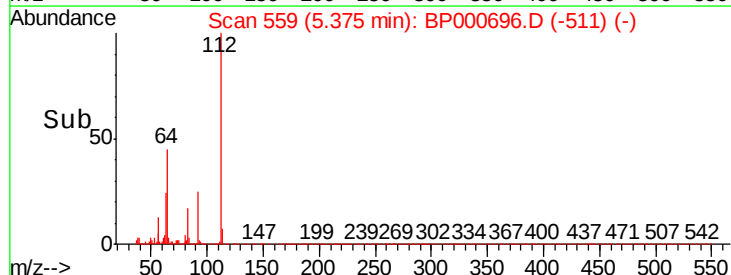
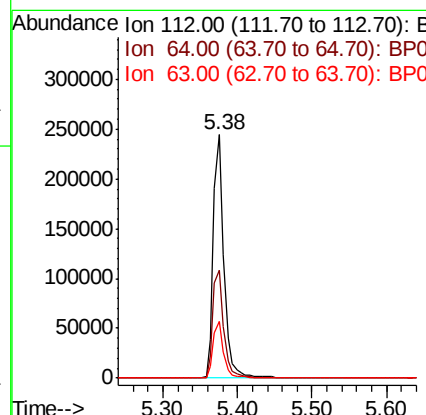
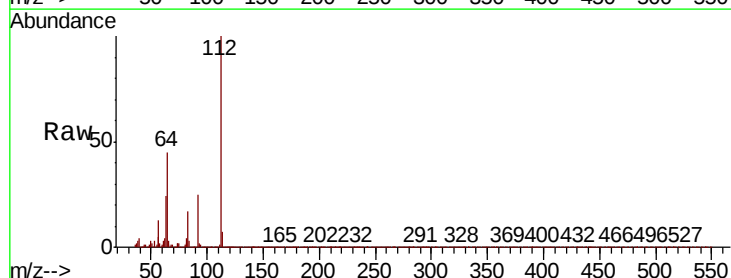
Manual Integrations
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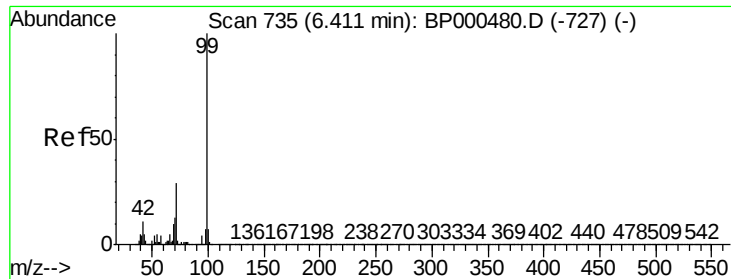
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#5
2-Fluorophenol
Concen: 17.902 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.6	34.2	51.4
63	23.5	17.9	26.9





#7

Phenol-d6

Concen: 76.779 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

Instrument :

BNA_P

ClientSampleId :

20190829-COMPOSITE-E

Tot Ion: 99 Resp: 1253724

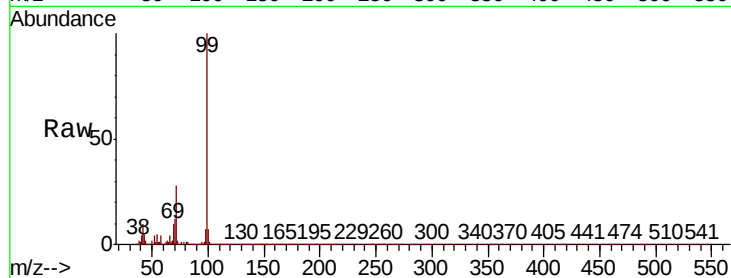
Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.6	12.8
71	28.2	23.0	34.4

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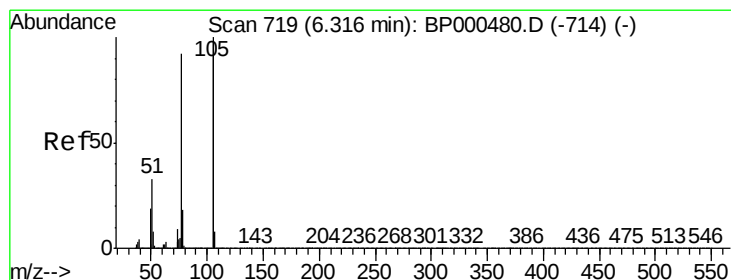
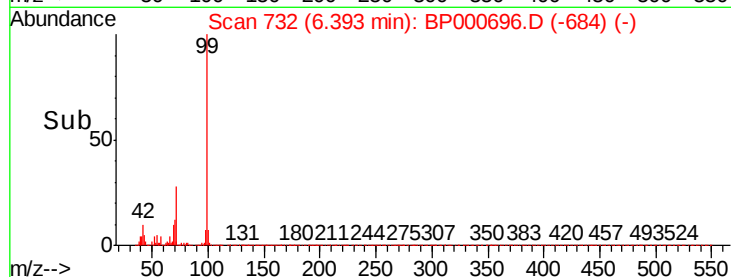
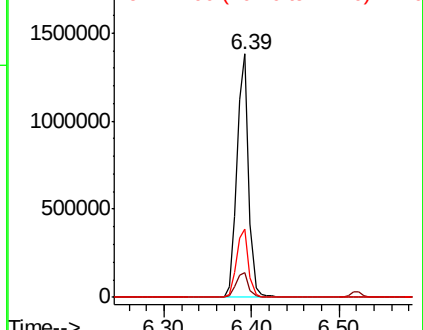


Abundance

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: 4.373 ng

RT: 6.29 min Scan# 715

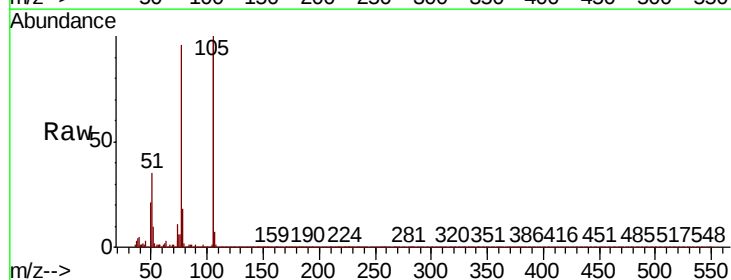
Delta R.T. -0.02 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

Tgt Ion: 77 Resp: 37198

Ion	Ratio	Lower	Upper
77	100		
105	104.2	88.3	128.3
106	102.1	85.7	125.7

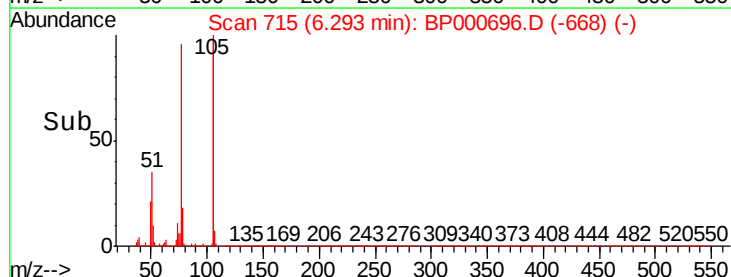
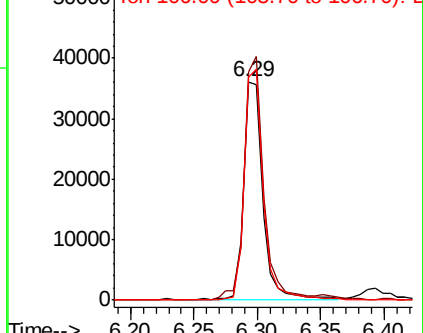


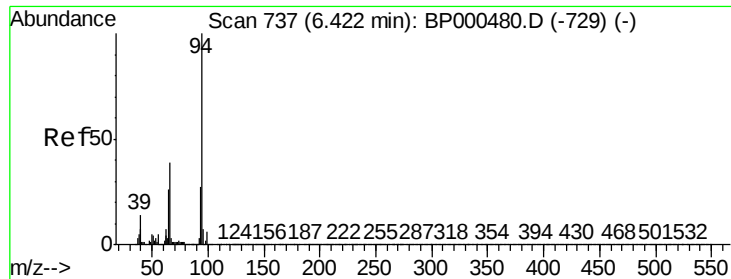
Abundance

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: 4.364 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

Instrument :

BNA_P

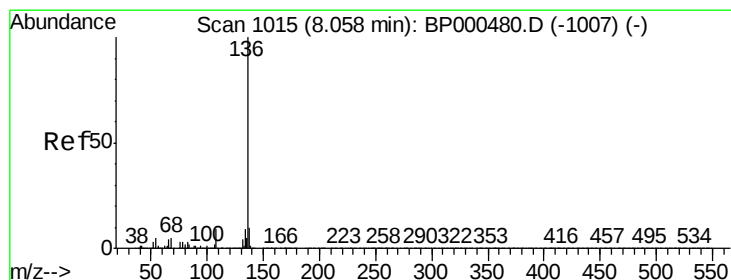
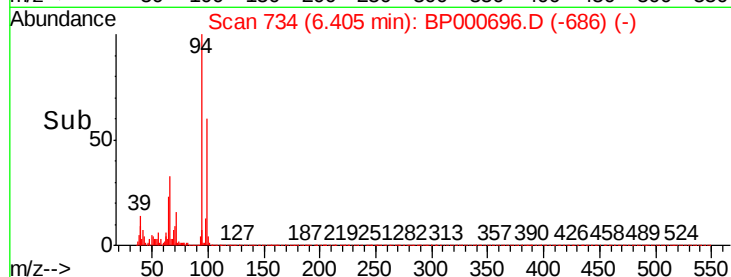
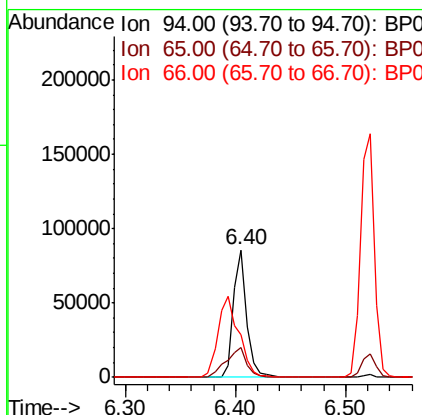
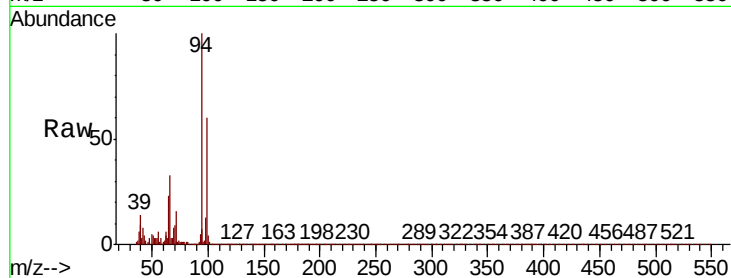
ClientSampleId :

20190829-COMPOSITE-E

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	23.0	5.9	45.9		
66	33.2	18.8	58.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

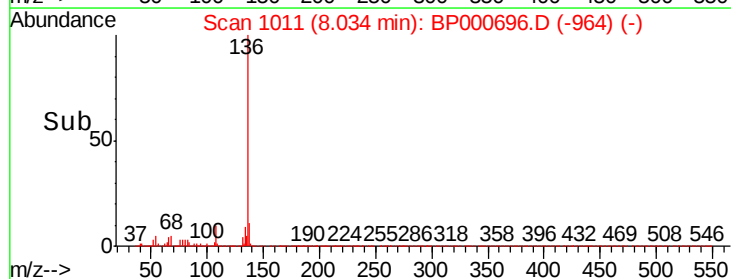
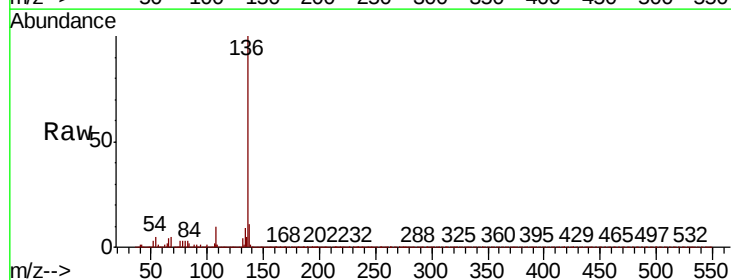
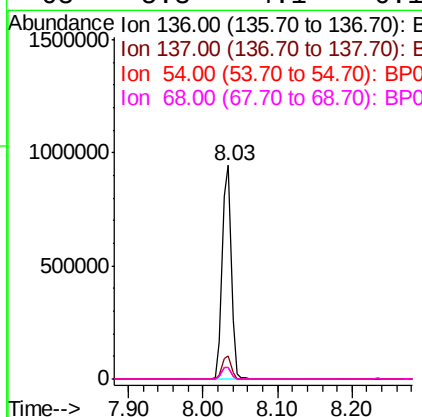
RT: 8.03 min Scan# 1011

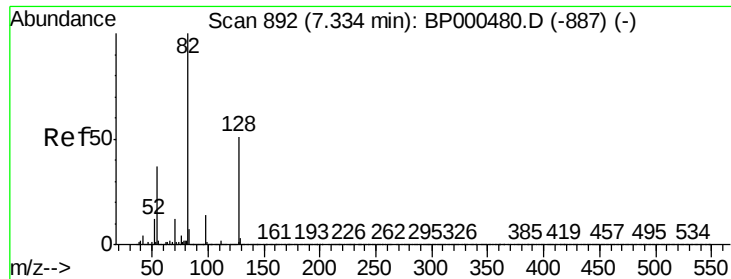
Delta R.T. -0.02 min

Lab File: BP000696.D

Acq: 13 Oct 2019 02:51

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





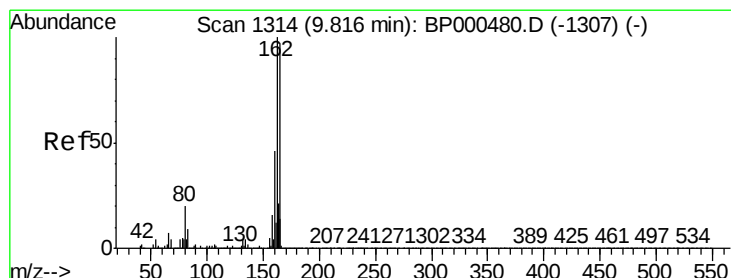
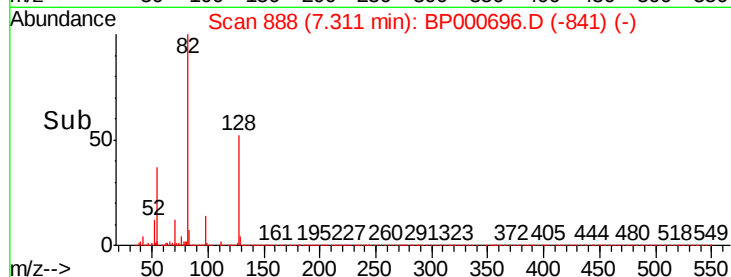
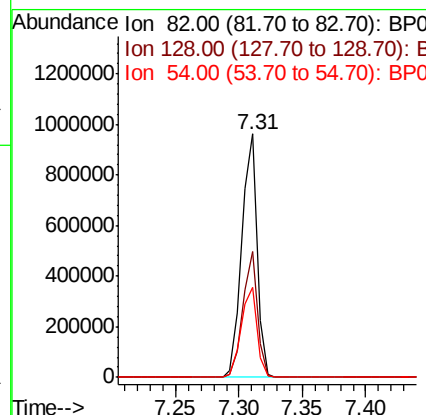
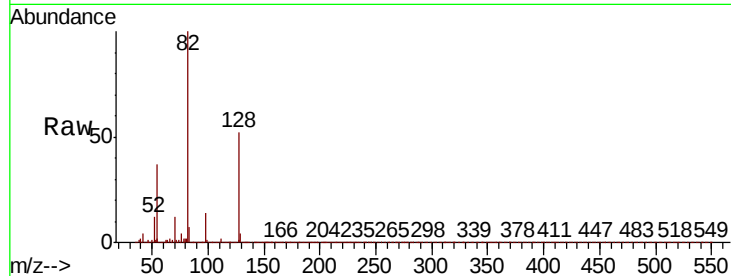
#23
Nitrobenzene-d5
Concen: 61.091 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-E

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.5	40.9	61.3
54	37.2	29.4	44.2

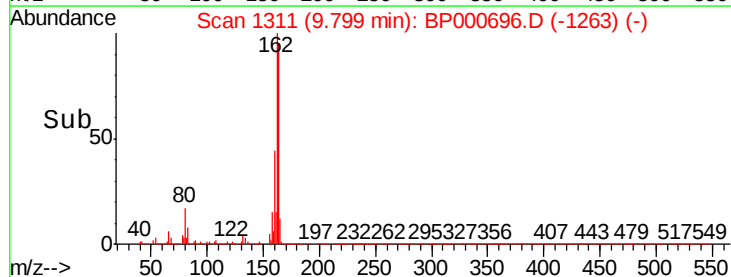
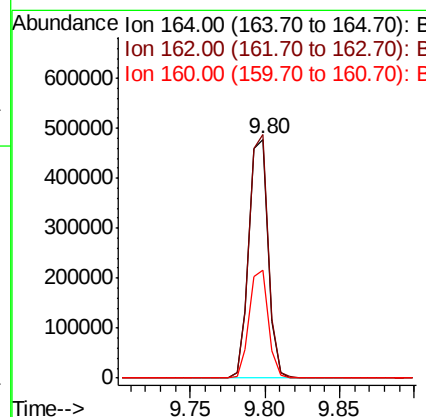
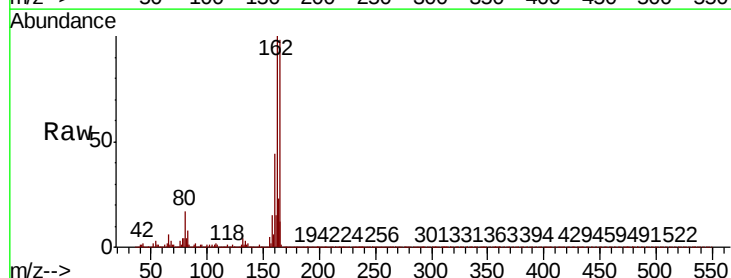
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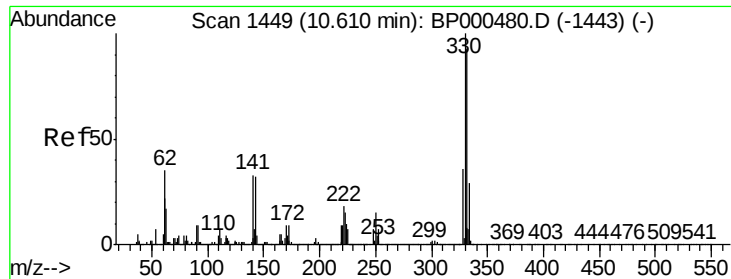
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.2	123.2
160	45.2	37.6	56.4





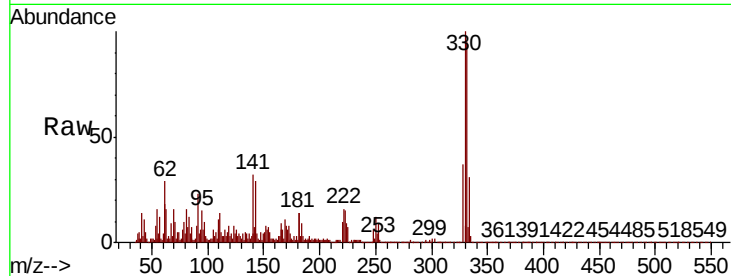
#42
2,4,6-Tribromophenol
Concen: 5.198 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	36.8	26.0	39.0

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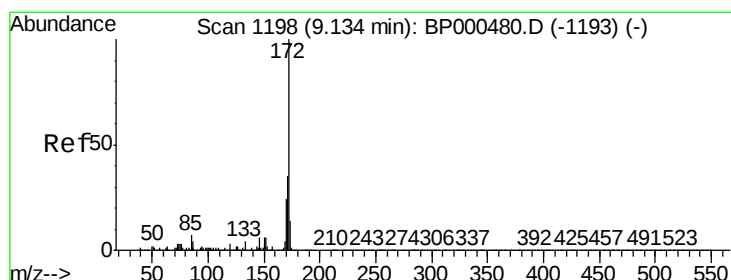
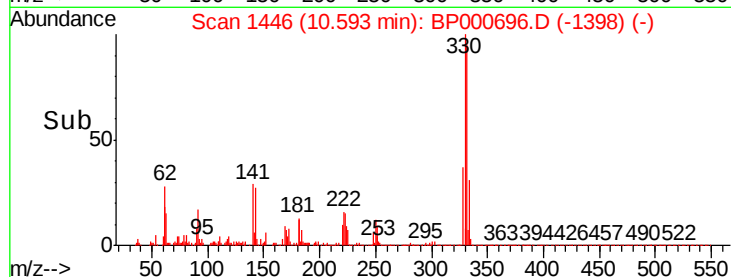
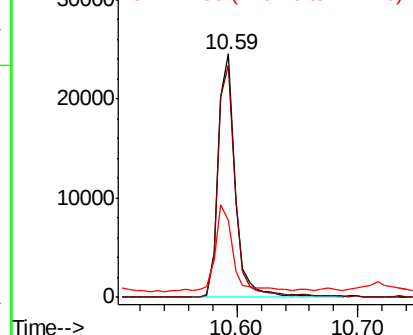


Abundance

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: 52.728 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

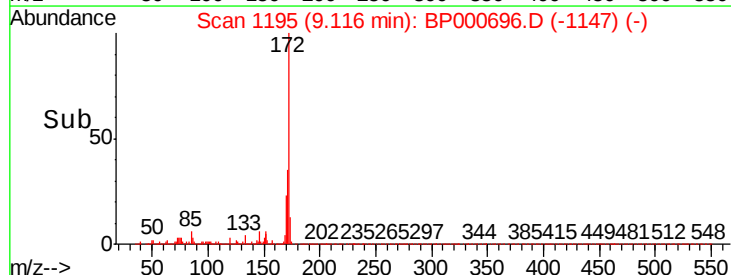
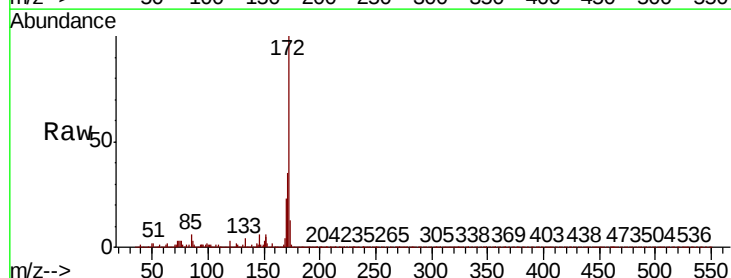
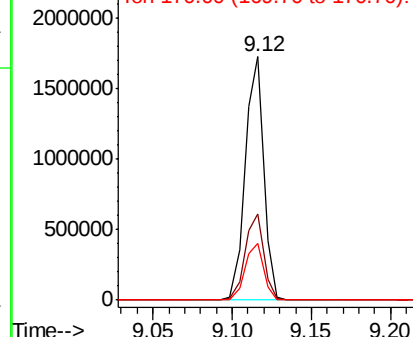
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.4	42.6
170	23.5	19.1	28.7

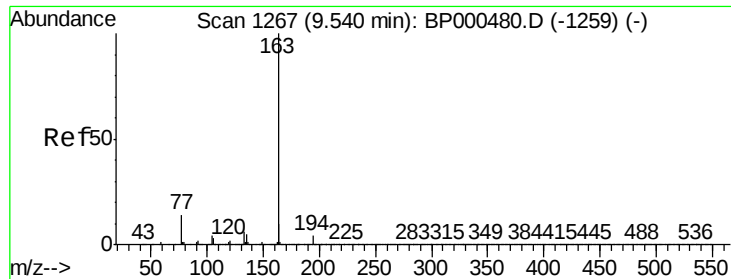
Abundance

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





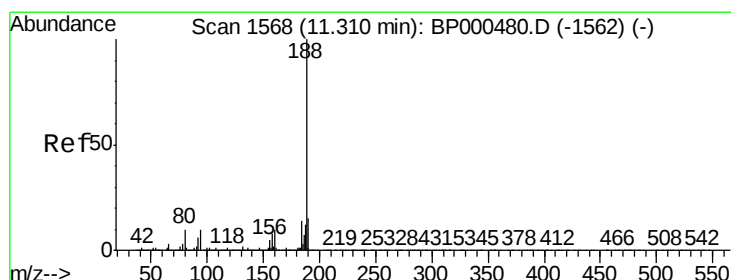
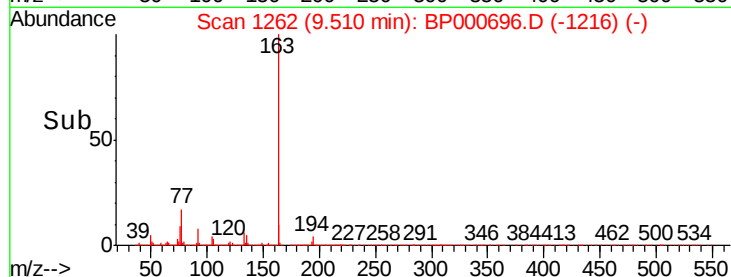
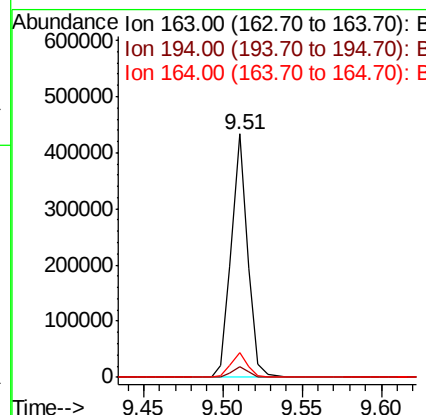
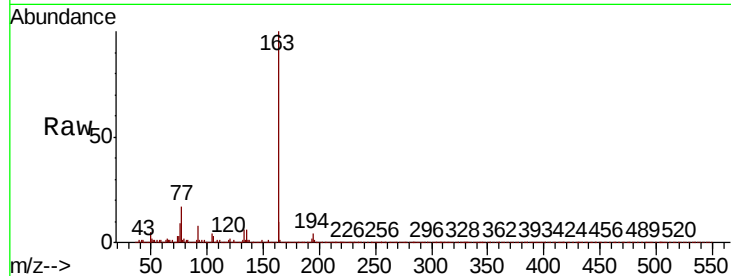
#50
Dimethylphthalate
Concen: 10.486 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-E

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.0	8.0	12.0

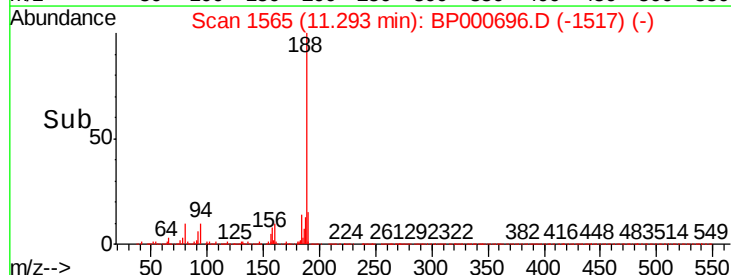
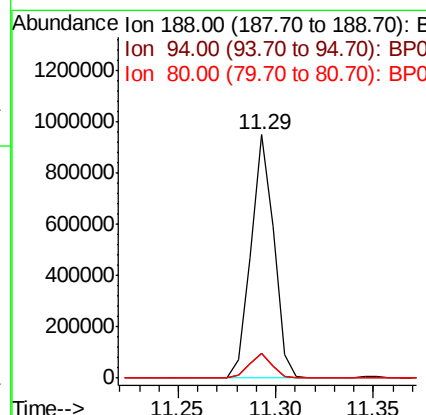
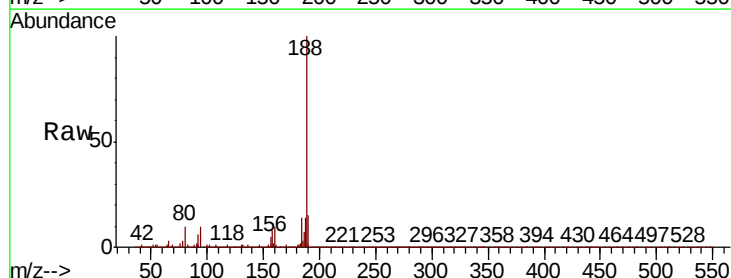
Manual Integrations
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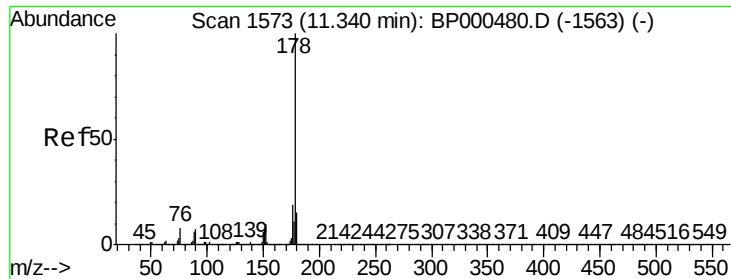
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

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





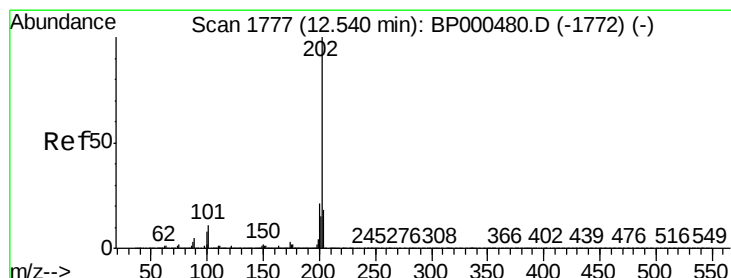
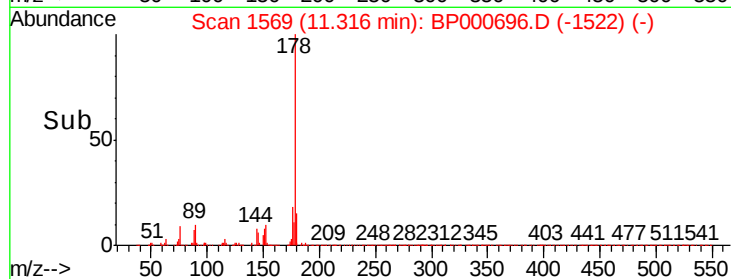
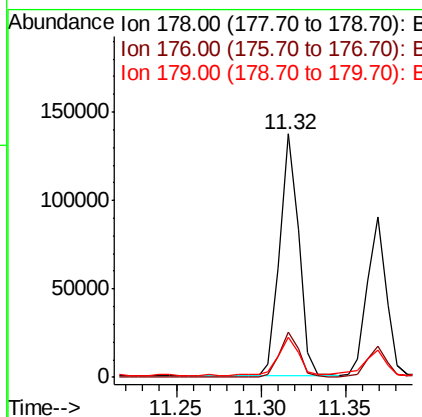
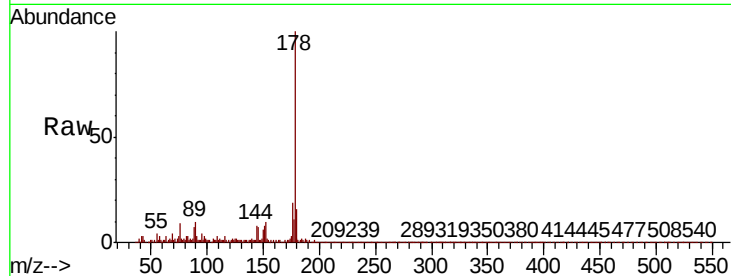
#71
Phenanthrene
Concen: 2.785 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-E

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	16.4	12.2	18.4

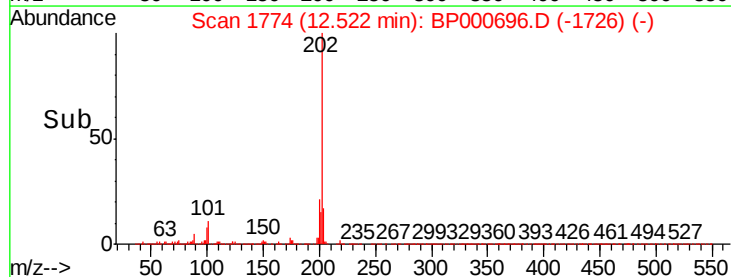
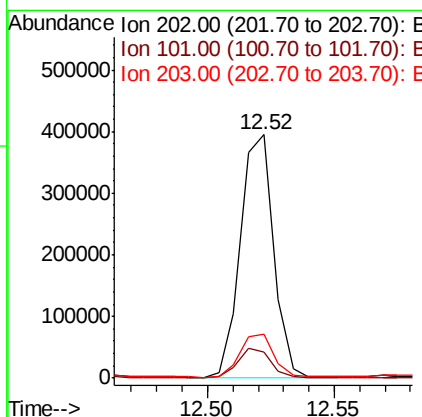
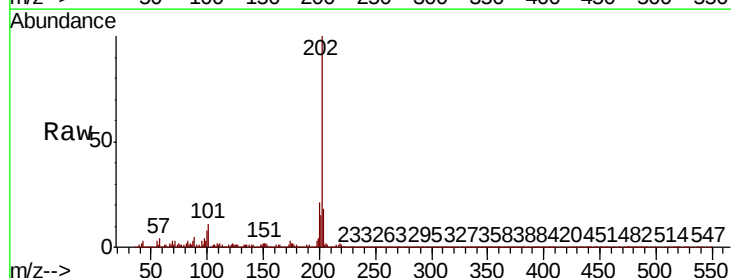
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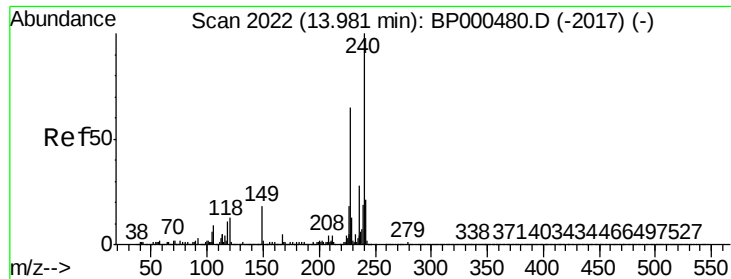
mohammad
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#75
Fluoranthene
Concen: 8.211 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.3
203	17.8	0.0	38.1





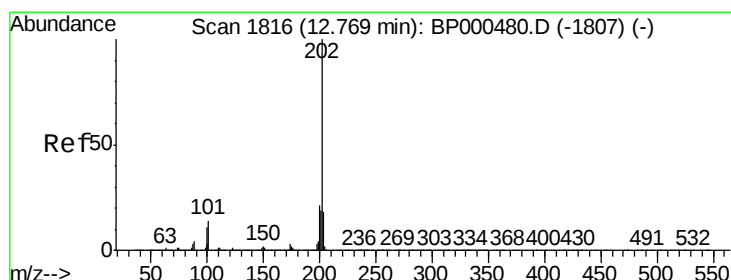
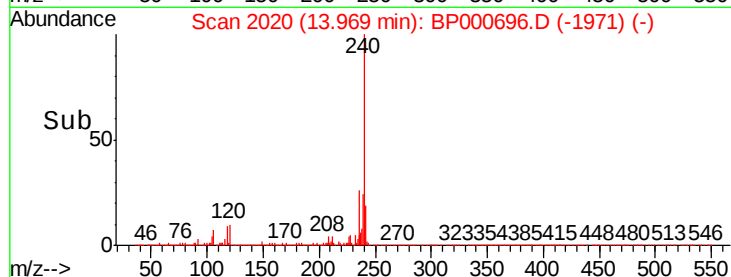
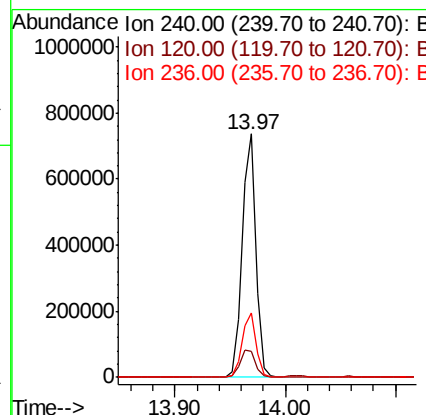
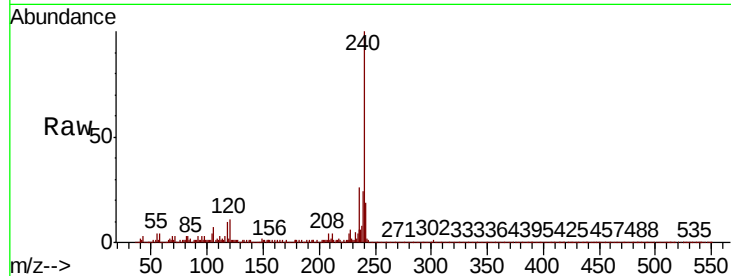
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-E

Tot Ion	Ratio	Resp	Lower	Upper
240	100	639305		
120	10.8		10.1	15.1
236	26.4		22.7	34.1

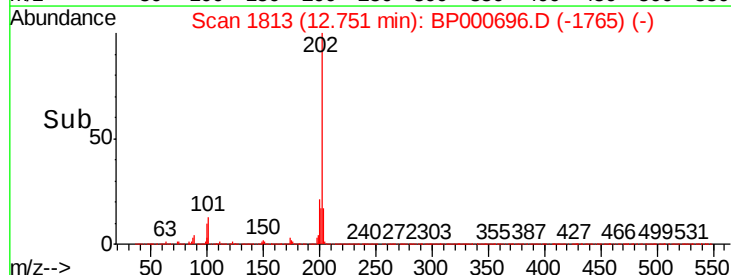
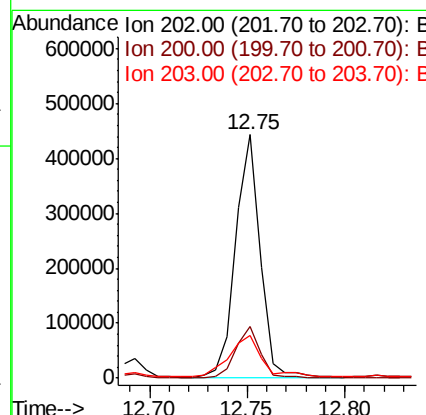
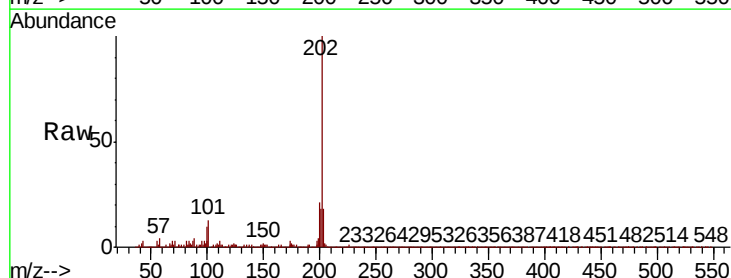
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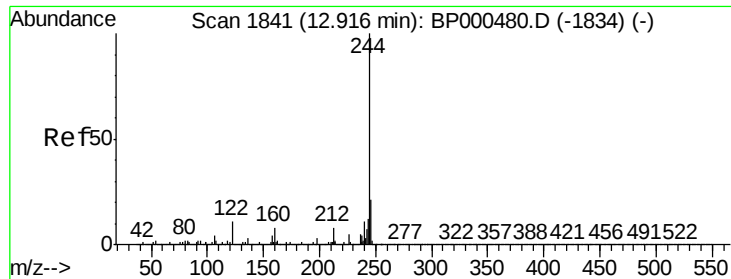
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#78
Pyrene
Concen: 8.684 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	382901		
200	21.1		17.1	25.7
203	17.8		14.6	21.8





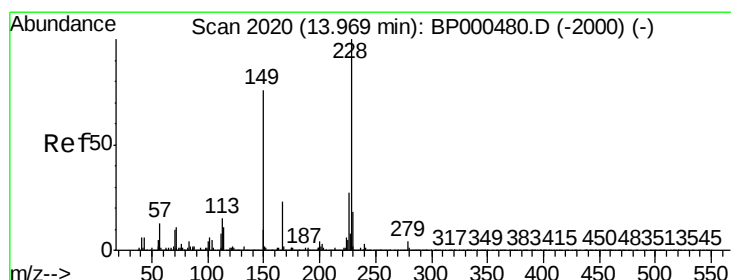
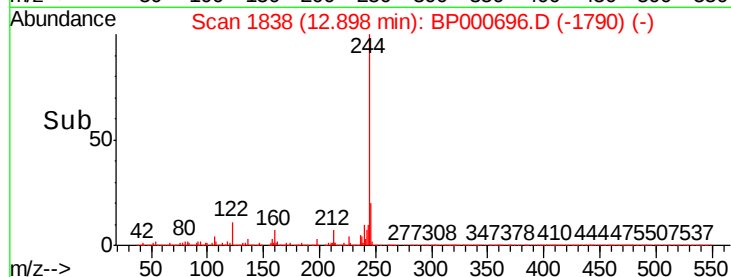
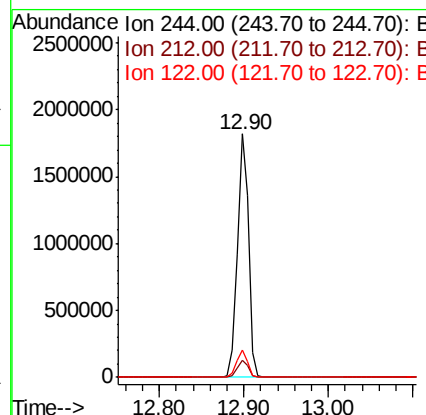
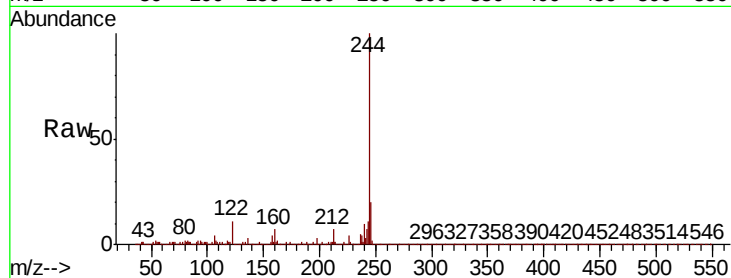
#79
 Terphenyl-d14
 Concen: 50.797 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BP000696.D
 Acq: 13 Oct 2019 02:51

Instrument :
 BNA_P
 ClientSampleId :
 20190829-COMPOSITE-E

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.5	8.9	13.3

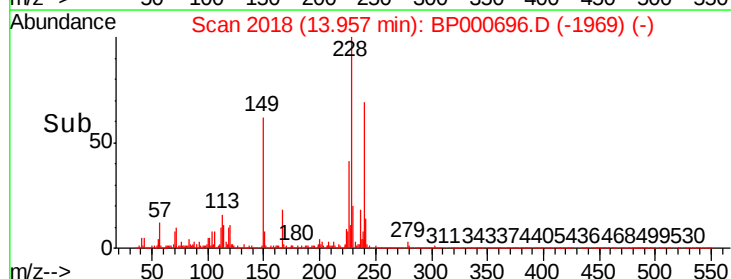
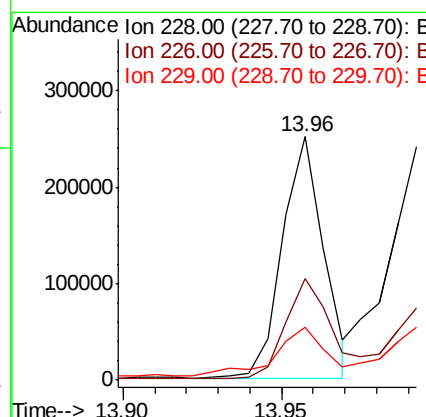
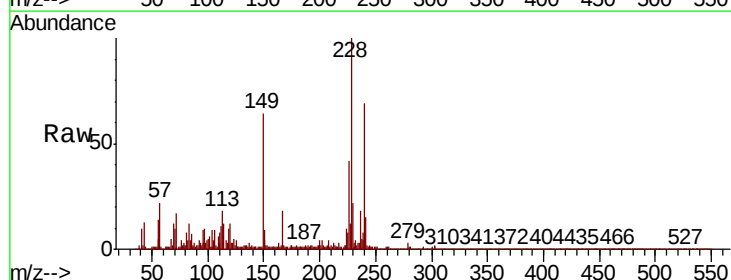
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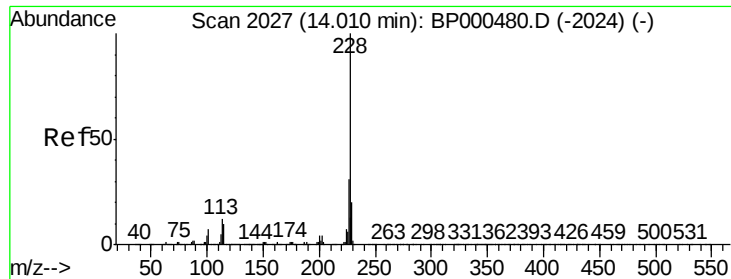
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#81
 Benzo(a)anthracene
 Concen: 5.801 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000696.D
 Acq: 13 Oct 2019 02:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.8	21.4	32.2#
229	21.8	14.7	22.1





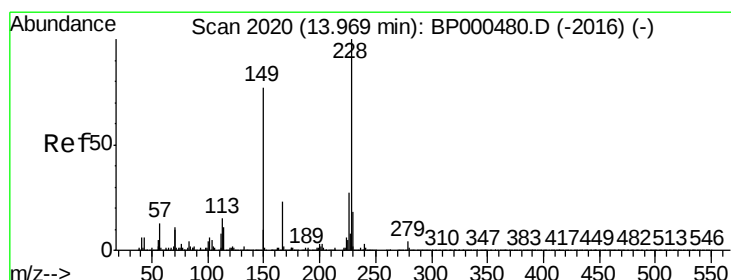
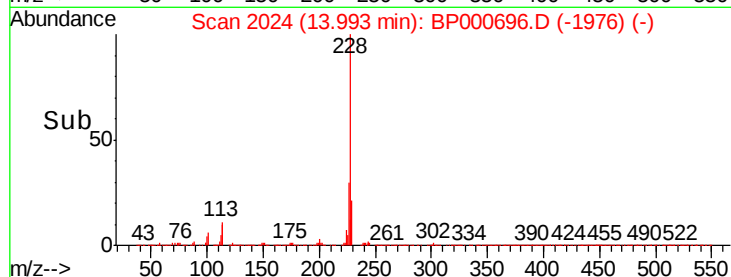
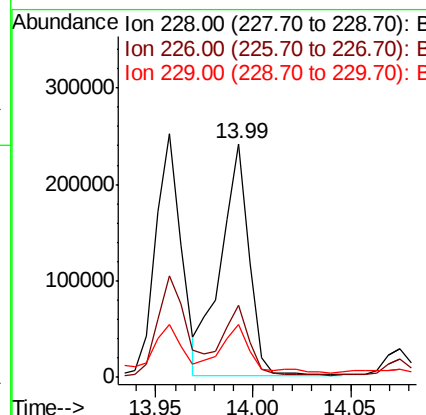
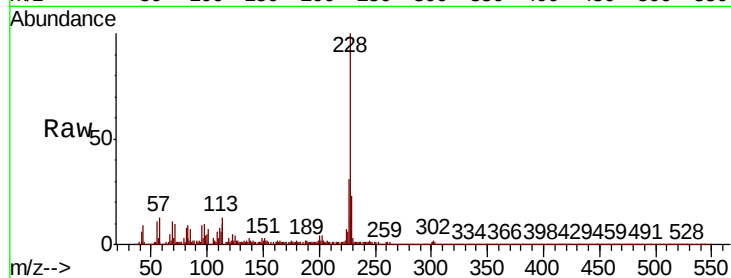
#83
 Chrysene
 Concen: 6.293 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BP000696.D
 Acq: 13 Oct 2019 02:51

Instrument :
 BNA_P
 ClientSampleId :
 20190829-COMPOSITE-E

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	22.5	16.3	24.5

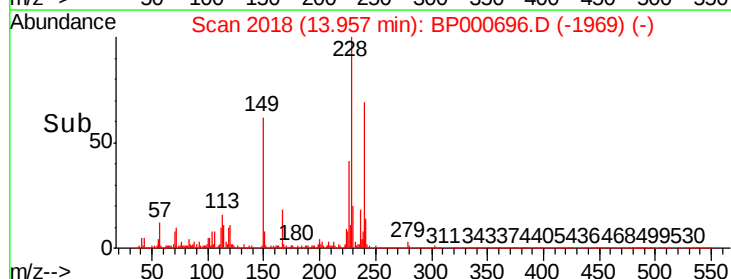
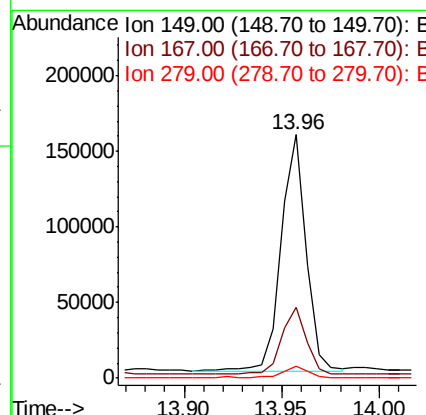
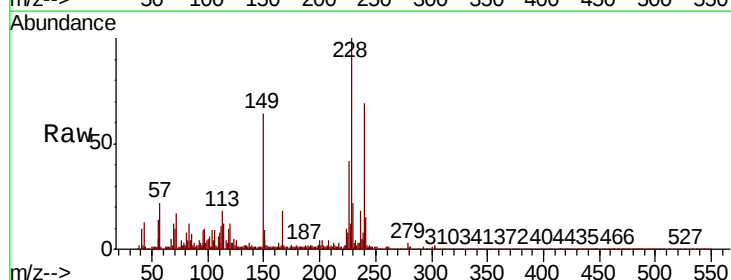
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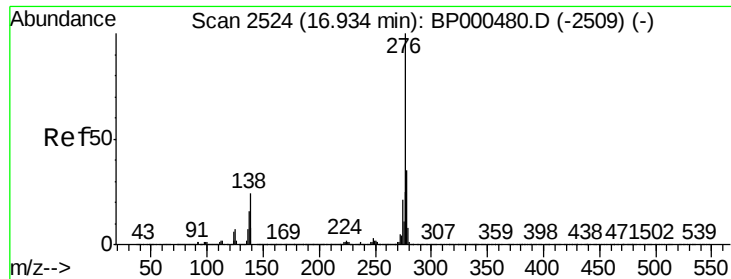
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.666 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000696.D
 Acq: 13 Oct 2019 02:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.6	35.4
279	5.0	3.9	5.9





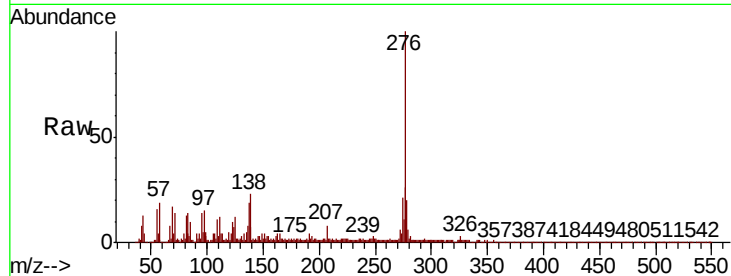
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.357 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.03 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-E

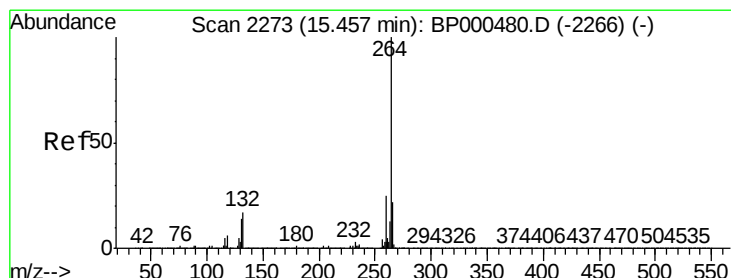
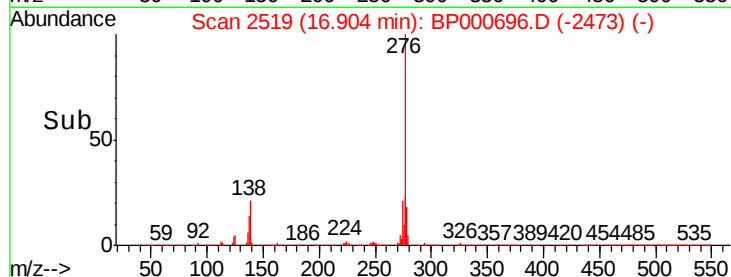
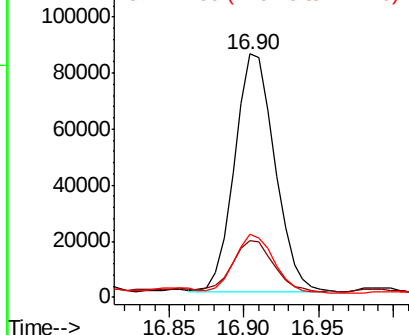
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.9	31.3
277	24.9	20.6	30.8

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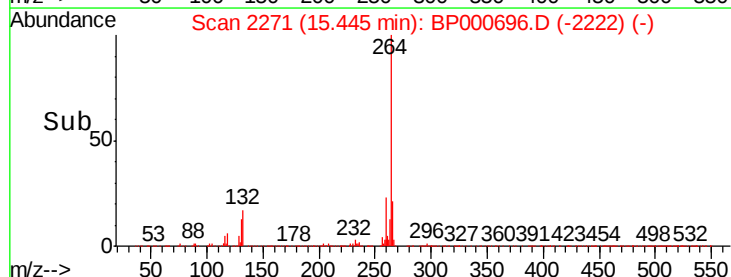
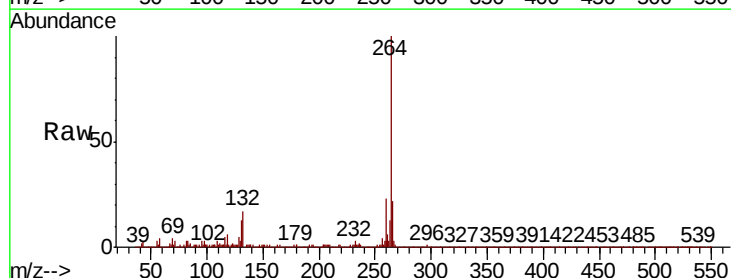
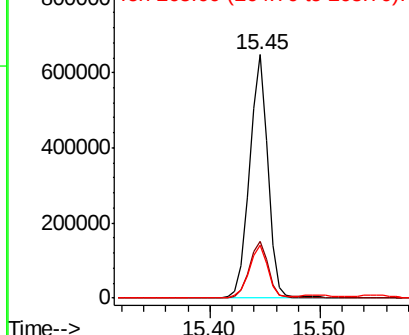
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

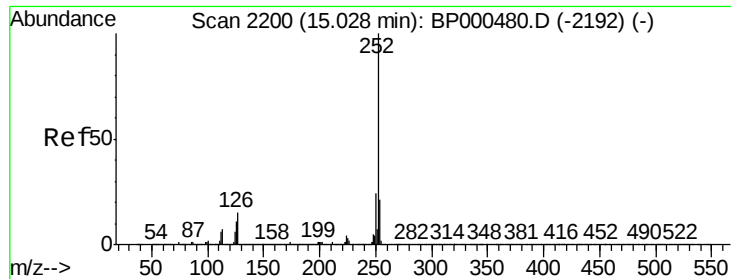


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.3	30.5
265	21.5	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





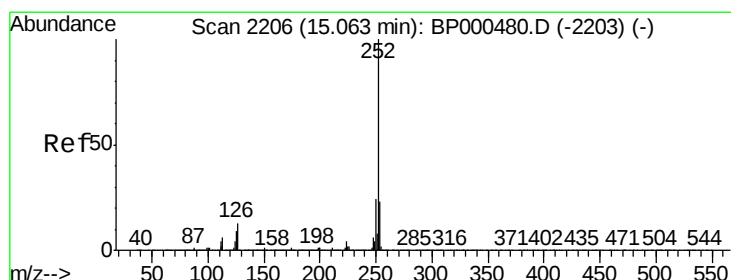
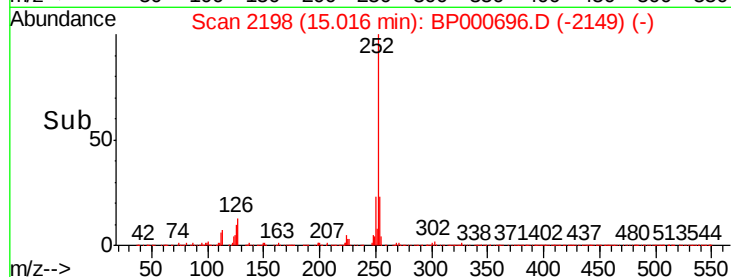
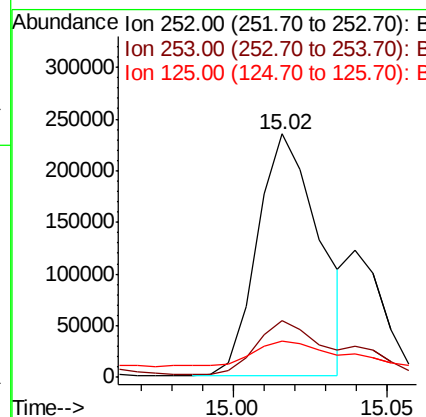
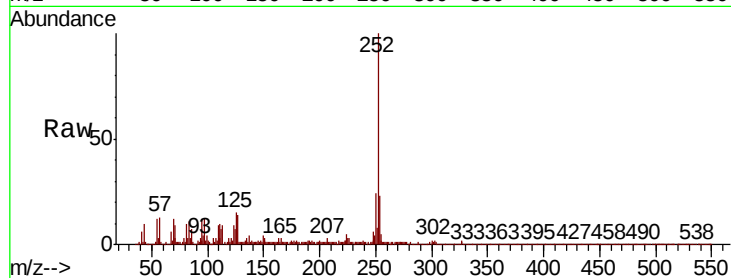
#88
Benzo(b)fluoranthene
Concen: 7.608 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-E

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.4
125	14.9	8.9	13.3

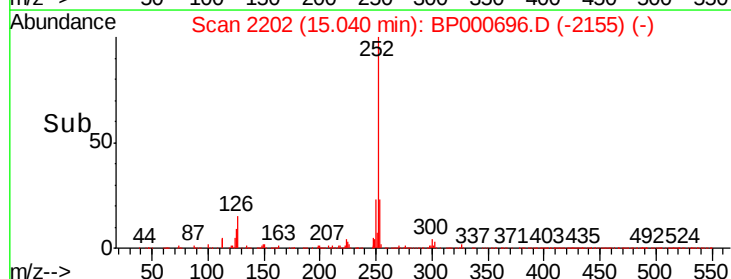
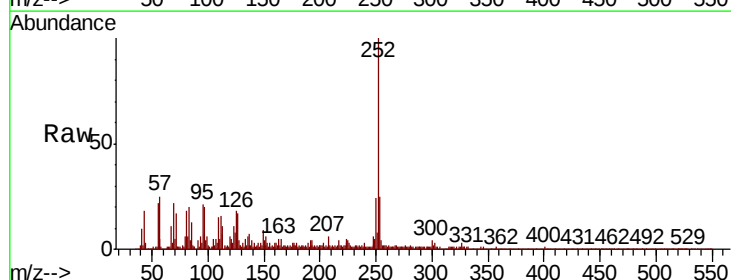
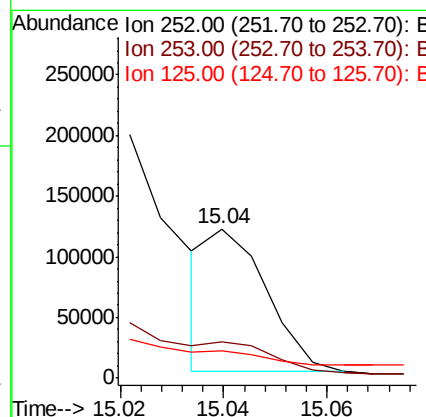
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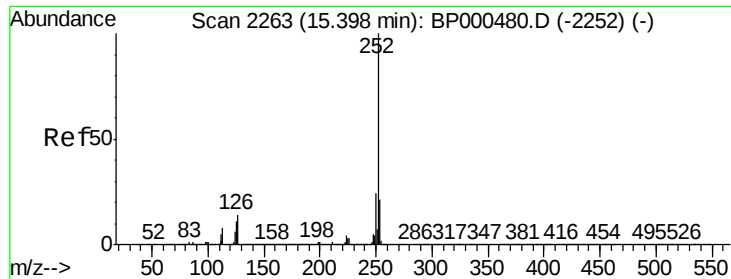
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#89
Benzo(k)fluoranthene
Concen: 2.260 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	18.4	7.8	11.8





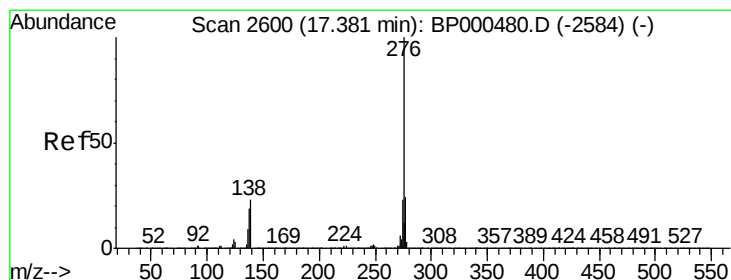
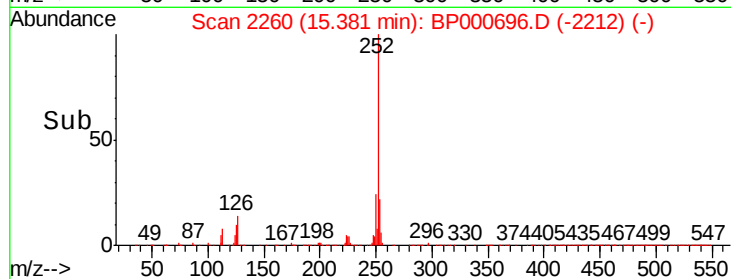
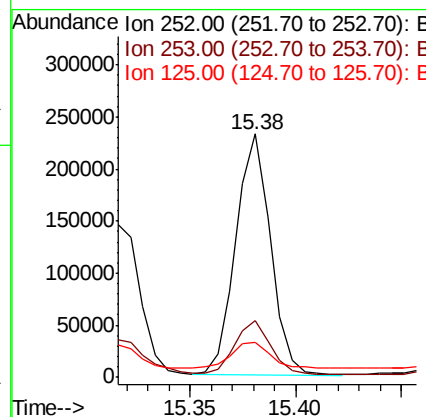
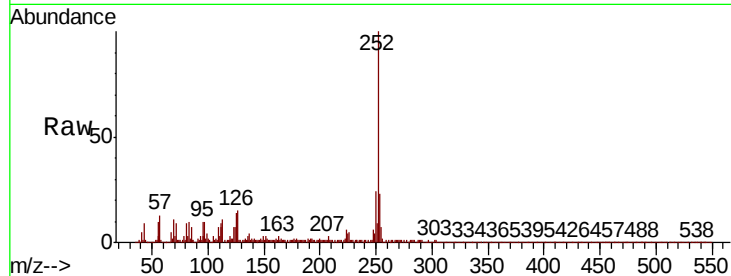
#90
Benzo(a)pyrene
Concen: 6.587 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-E

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	14.5	8.4	12.6

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#92
Benzo(g,h,i)perylene
Concen: 4.156 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.03 min
Lab File: BP000696.D
Acq: 13 Oct 2019 02:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.2
138	23.7	18.5	27.7

