

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
 Data File : BP000705.D
 Acq On : 14 Oct 2019 13:04
 Operator : JU
 Sample : K5348-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190825-COMPOSITE-ARE

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Quant Time: Oct 15 03:54:24 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	212995	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	767524	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	412620	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	767880	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	666305	20.00	ng	-0.01
87) Perylene-d12	15.45	264	768536	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	173198	13.07	ng	-0.02
7) Phenol-d6	6.39	99	1236097	77.41	ng	-0.02
23) Nitrobenzene-d5	7.31	82	819854	65.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	14378	3.27	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1376724	53.99	ng	-0.02
79) Terphenyl-d14	12.90	244	1632984	49.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.30	77	39729	4.777	ng	96
10) Phenol	6.40	94	72140	4.413	ng	90
50) Dimethylphthalate	9.51	163	319499	11.144	ng	99
71) Phenanthrene	11.32	178	119319	3.094	ng	98
72) Anthracene	11.37	178	83140	2.174	ng	98
75) Fluoranthene	12.52	202	417286	9.634	ng	99
78) Pyrene	12.75	202	419273	9.124	ng	99
81) Benzo(a)anthracene	13.96	228	261925	6.443	ng	# 86
83) Chrysene	14.00	228	261229	6.547	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	127769	5.073	ng	# 97
86) Indeno(1,2,3-cd)pyrene	16.92	276	171983	3.450	ng	96
88) Benzo(b)fluoranthene	15.02	252	358888m	8.231	ng	
89) Benzo(k)fluoranthene	15.05	252	100251m	2.415	ng	
90) Benzo(a)pyrene	15.39	252	283681	6.980	ng	97
92) Benzo(a,h,i)perylene	17.36	276	182575	4.558	ng	97

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

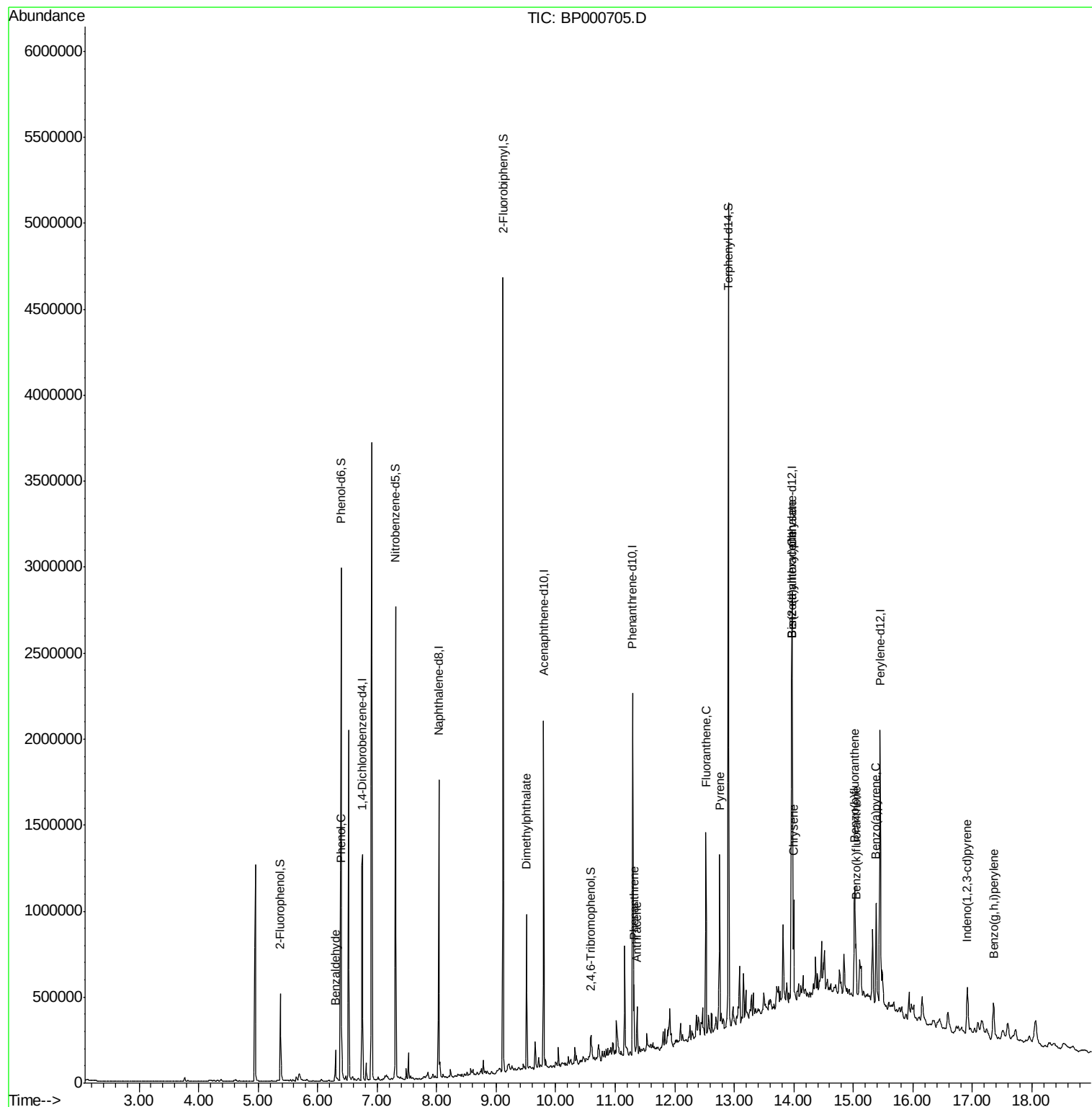
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
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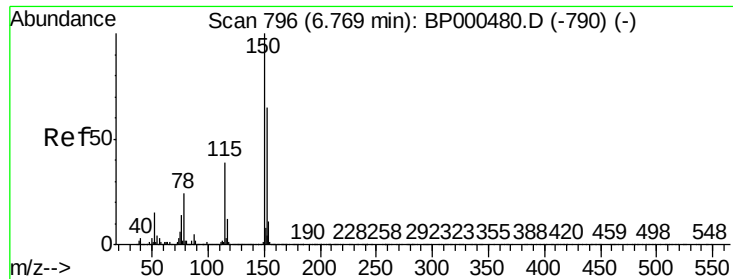
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

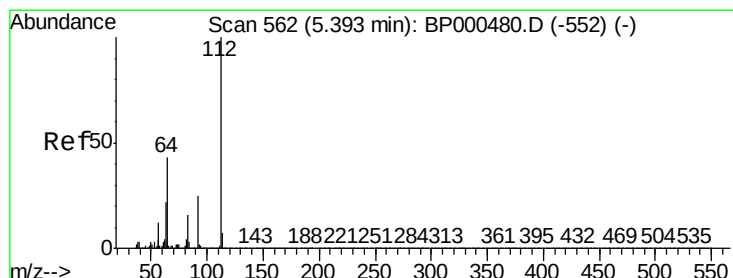
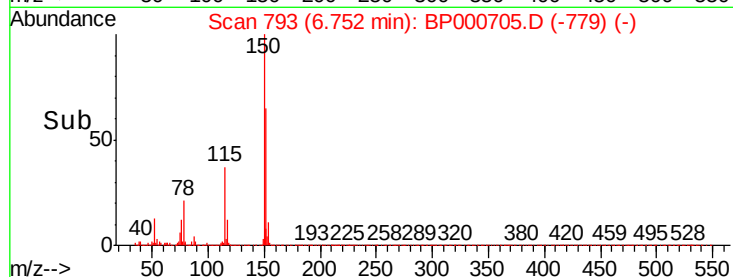
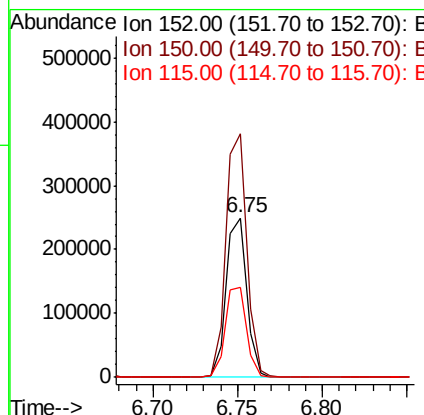
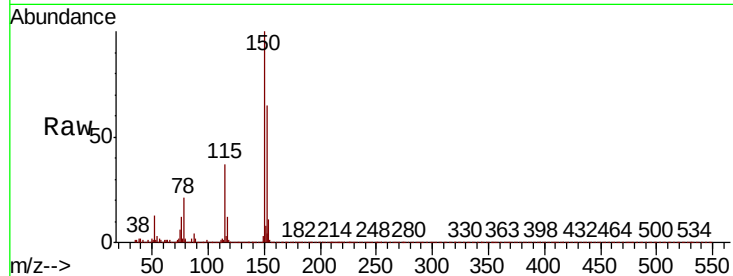
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-ARE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.1	186.1
115	56.2	48.7	73.1

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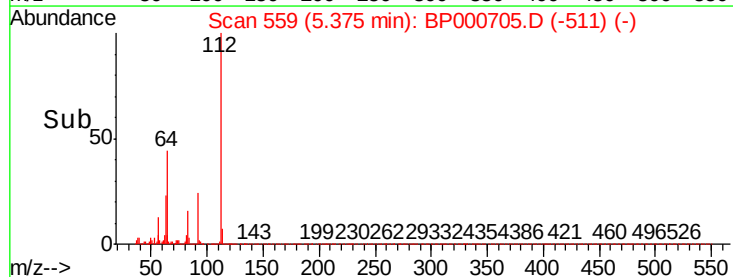
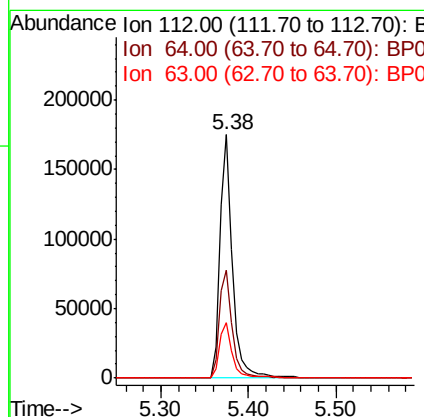
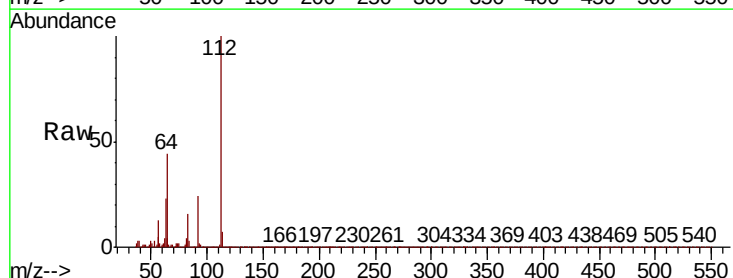
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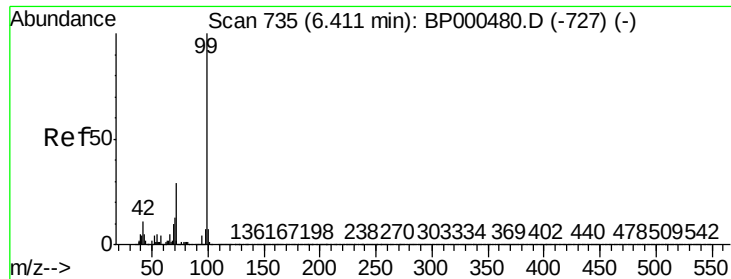


#5

2-Fluorophenol
Concen: 13.071 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.4	34.2	51.4
63	22.5	17.9	26.9





#7

Phenol-d6

Concen: 77.413 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000705.D

Acq: 14 Oct 2019 13:04

Instrument :

BNA_P

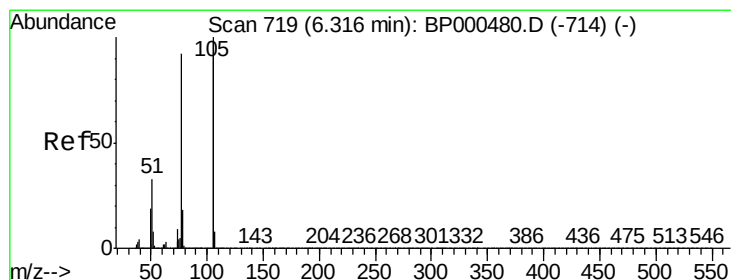
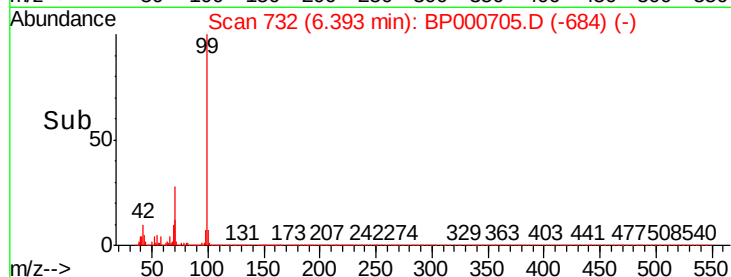
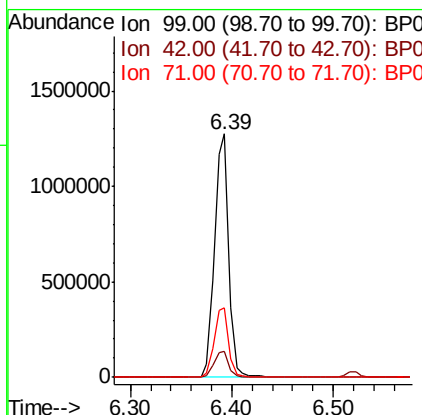
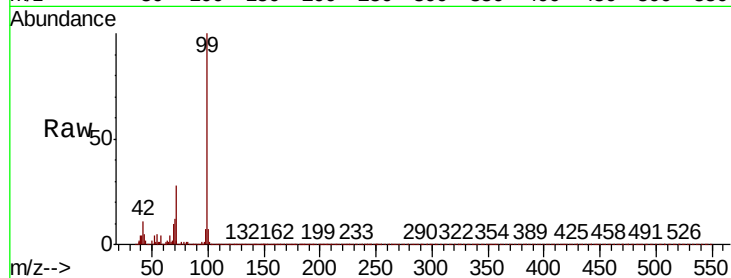
ClientSampleId :

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Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	10.5	8.6	12.8	
71	28.5	23.0	34.4	

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#9

Benzaldehyde

Concen: 4.777 ng

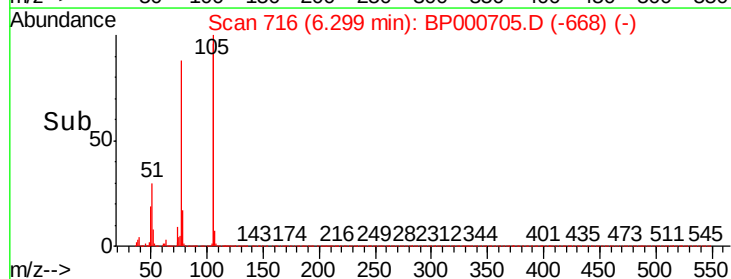
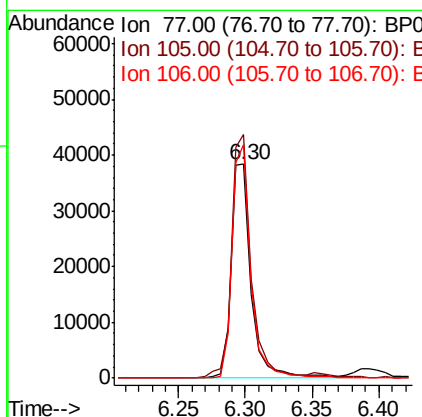
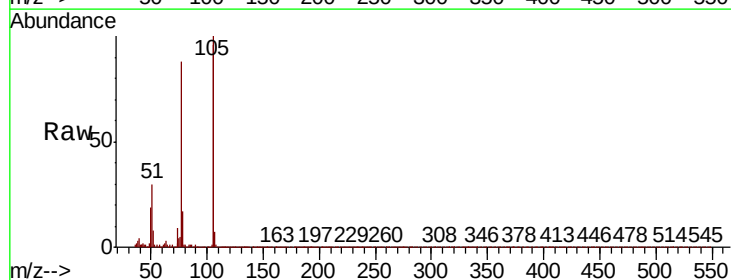
RT: 6.30 min Scan# 716

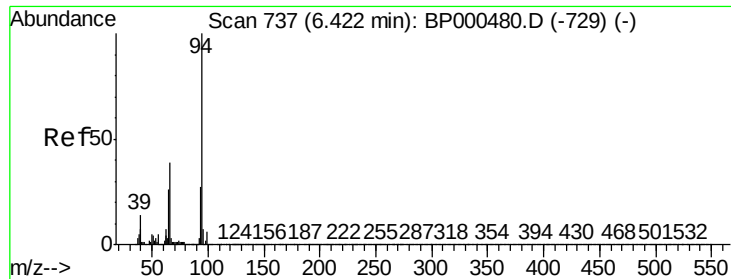
Delta R.T. -0.02 min

Lab File: BP000705.D

Acq: 14 Oct 2019 13:04

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
105	114.0	88.3	128.3	
106	109.1	85.7	125.7	





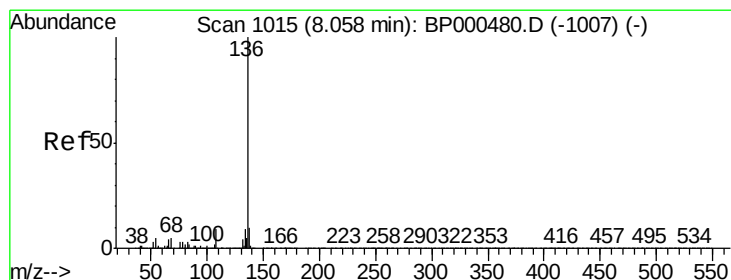
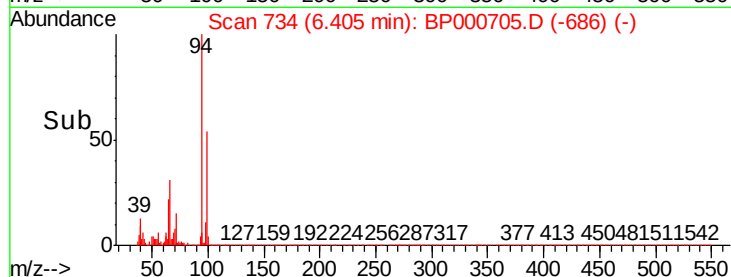
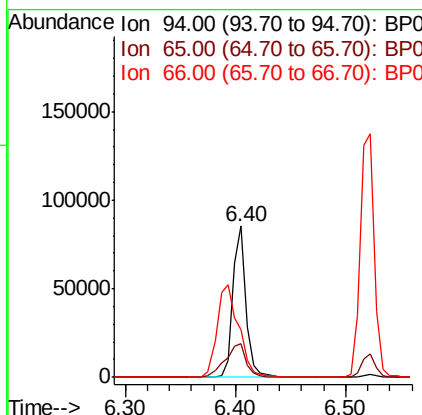
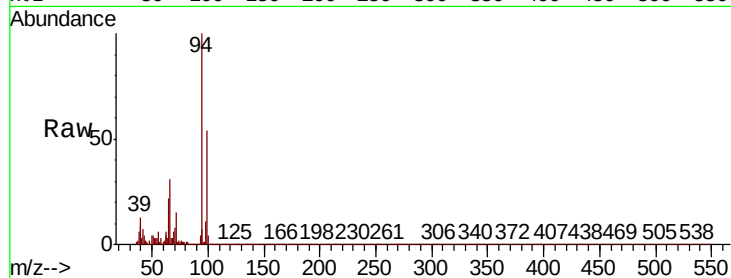
#10
Phenol
Concen: 4.413 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-ARE

Tot Ion	Ion	Ratio	Lower	Upper
94	100			
65	22.3	5.9	45.9	
66	31.4	18.8	58.8	

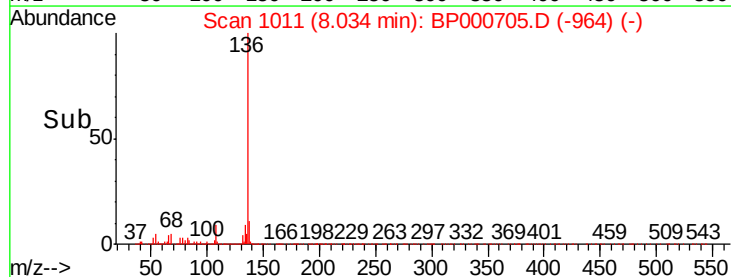
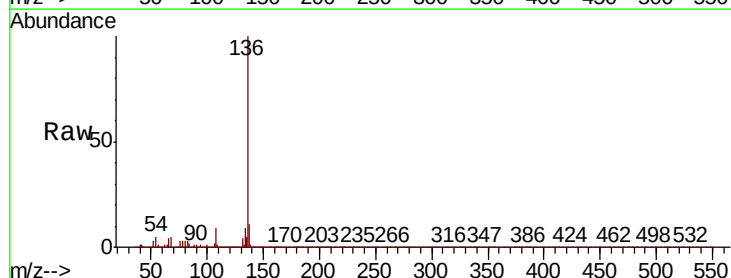
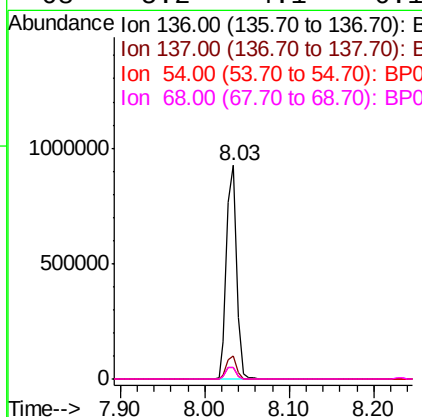
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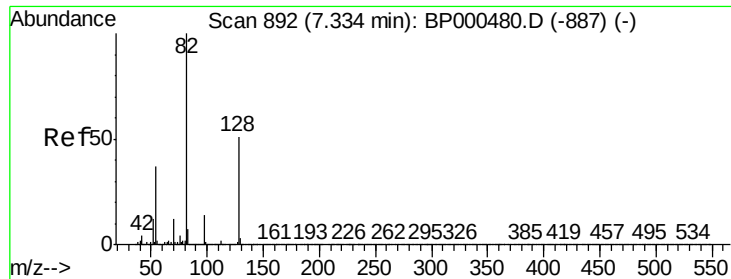
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.7	8.2	12.4	
54	5.2	4.1	6.1	
68	5.2	4.1	6.1	





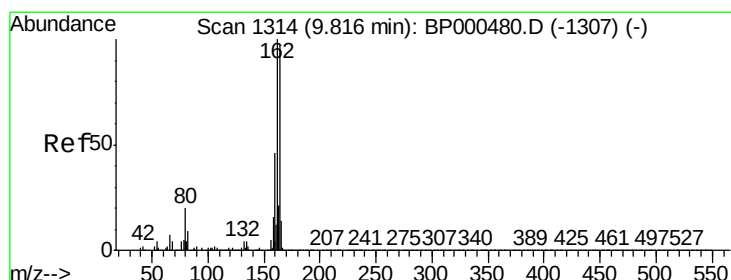
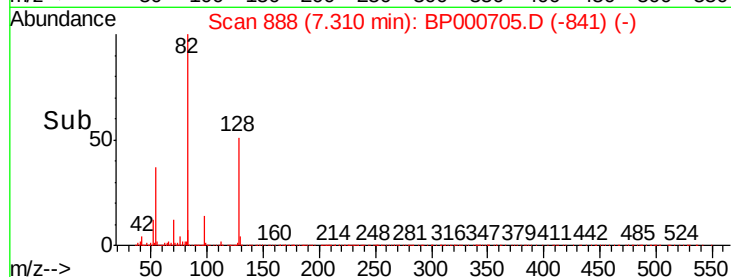
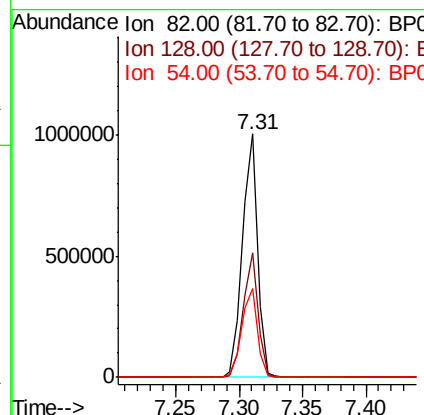
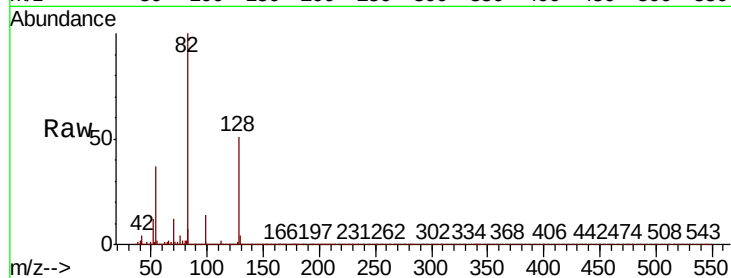
#23
 Nitrobenzene-d5
 Concen: 65.239 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000705.D
 Acq: 14 Oct 2019 13:04

Instrument :
 BNA_P
 ClientSampleId :
 20190825-COMPOSITE-ARE

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.2	40.9	61.3
54	36.7	29.4	44.2

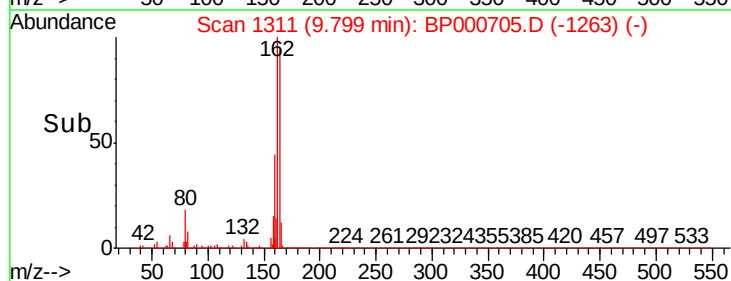
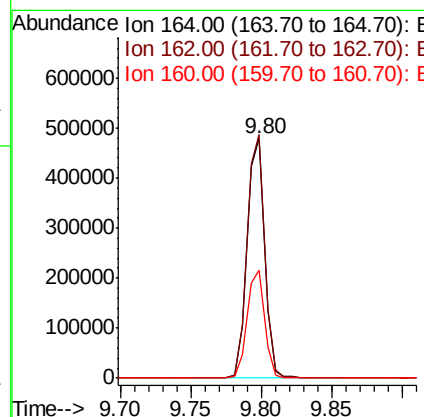
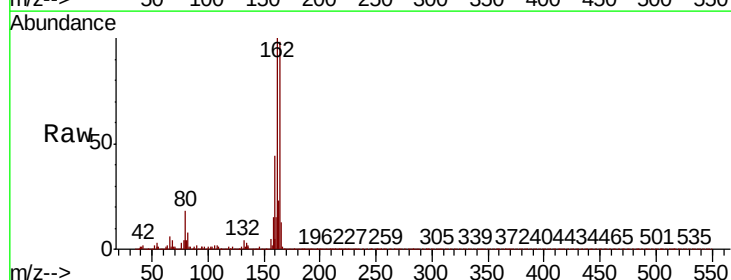
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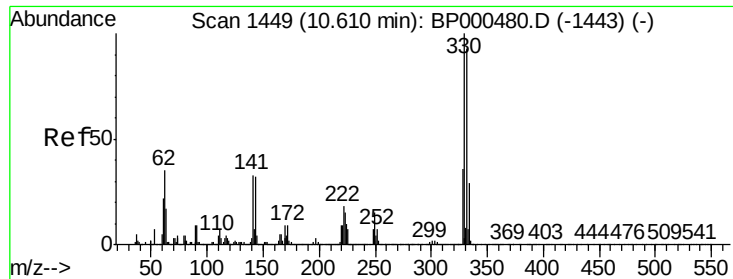
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BP000705.D
 Acq: 14 Oct 2019 13:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	45.3	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 3.270 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BP000705.D

Acq: 14 Oct 2019 13:04

Instrument :

BNA_P

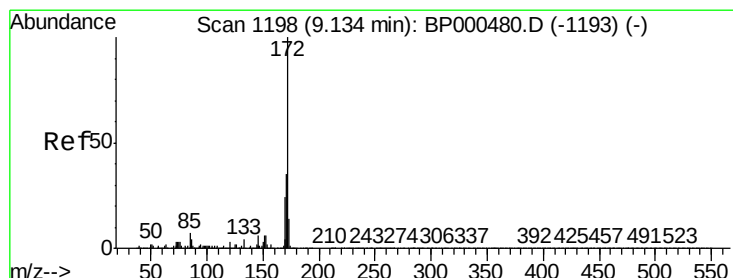
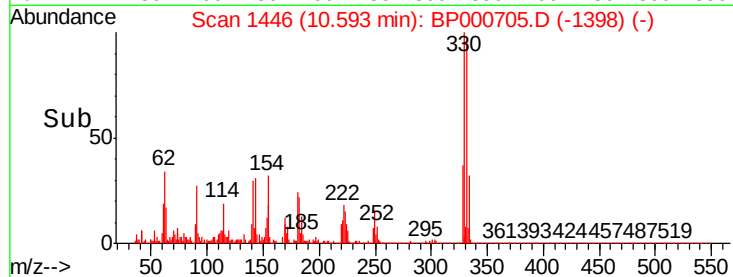
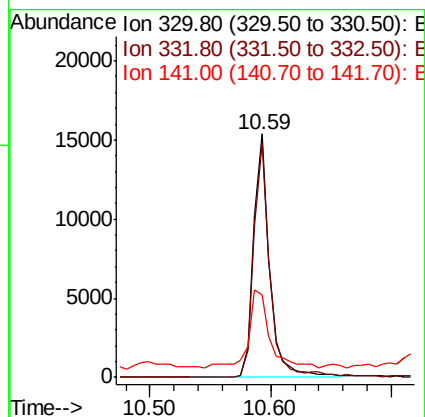
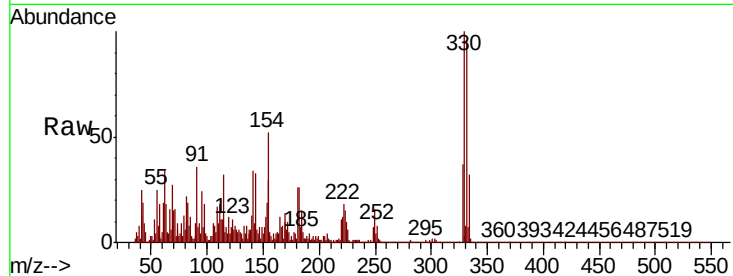
ClientSampleId :

20190825-COMPOSITE-ARE

Tot Ion:	330	Resp:	14378
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.1	115.7
141	42.8	26.0	39.0#

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#45

2-Fluorobiphenyl

Concen: 53.985 ng

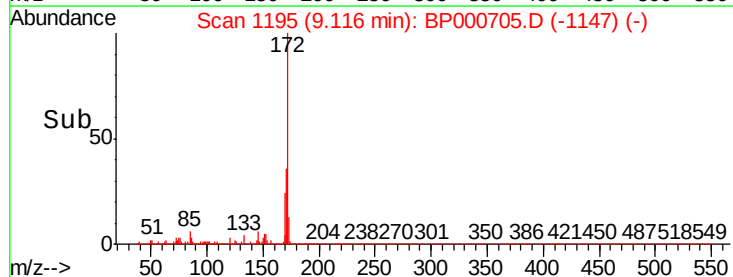
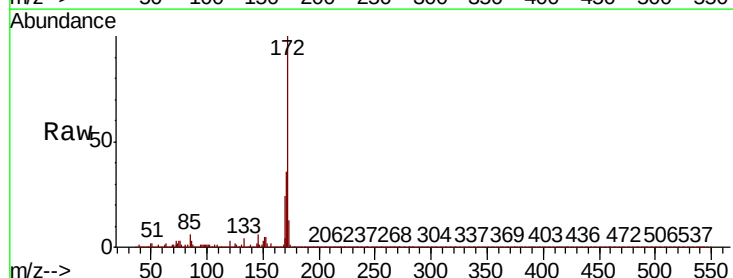
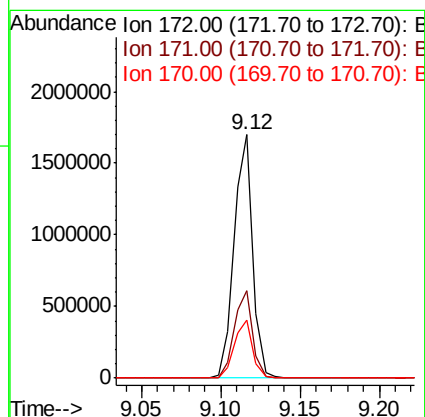
RT: 9.12 min Scan# 1195

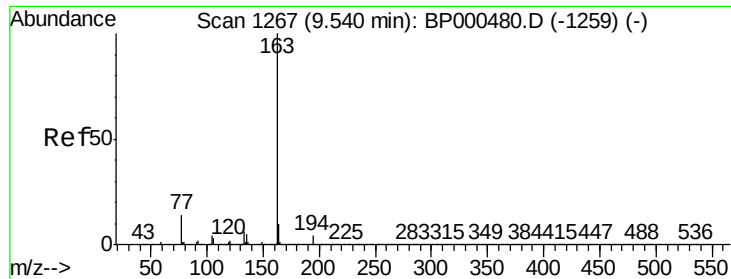
Delta R.T. -0.02 min

Lab File: BP000705.D

Acq: 14 Oct 2019 13:04

Tgt Ion:	172	Resp:	1376724
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.4	42.6
170	23.8	19.1	28.7





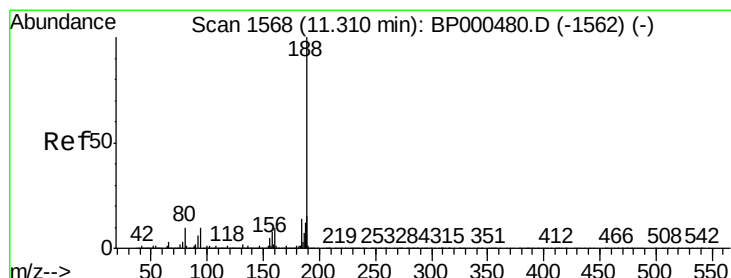
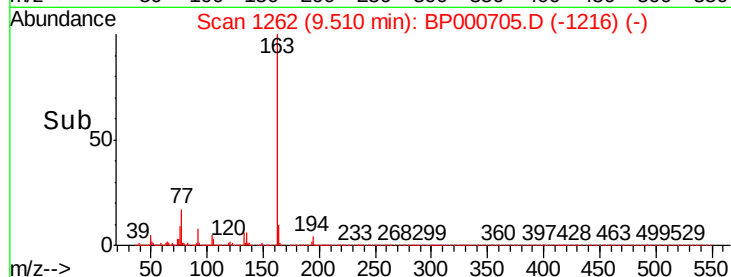
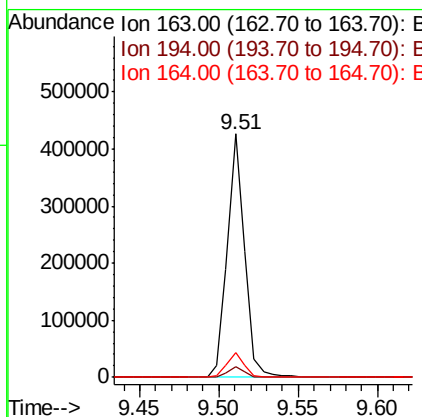
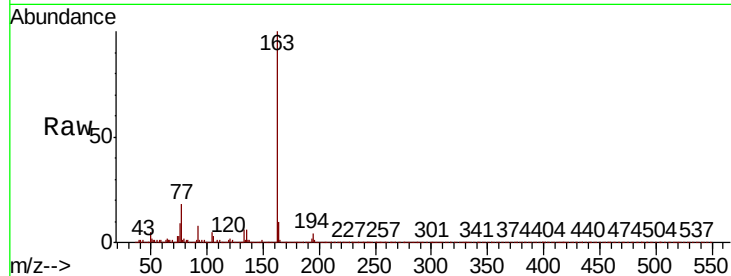
#50
Dimethylphthalate
Concen: 11.144 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	319499		
194	4.5	3.4	5.2	
164	10.3	8.0	12.0	

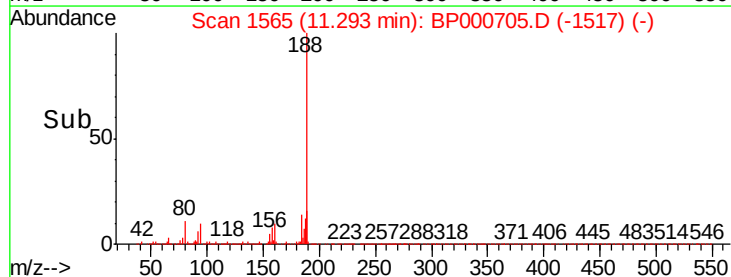
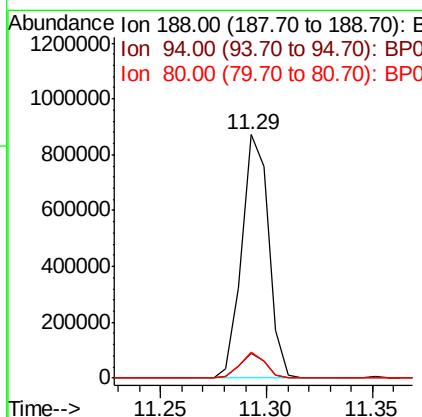
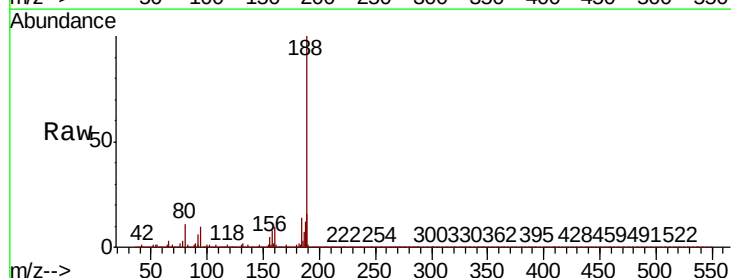
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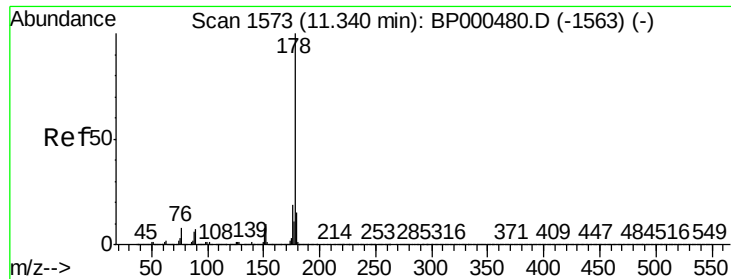
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	767880		
94	10.4	8.2	12.2	
80	10.7	8.3	12.5	





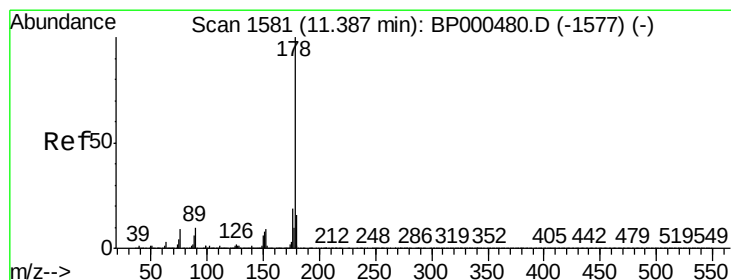
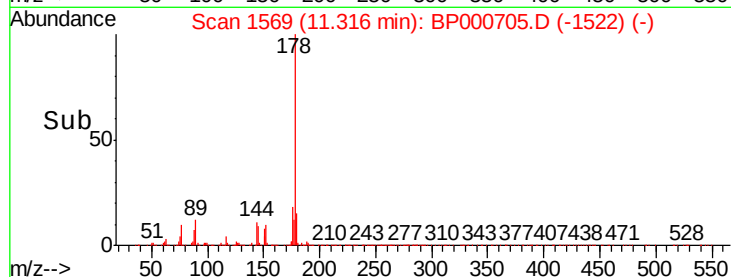
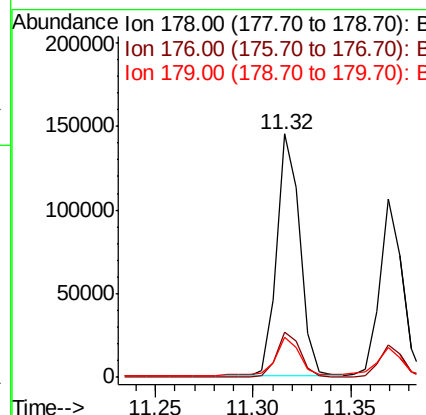
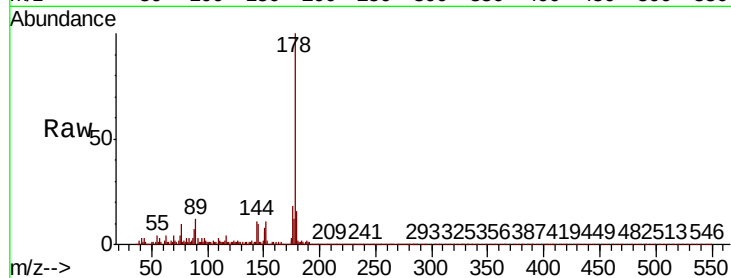
#71
Phenanthrene
Concen: 3.094 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-ARE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.4	12.2	18.4

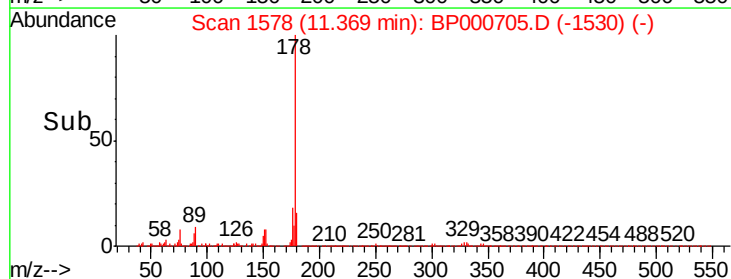
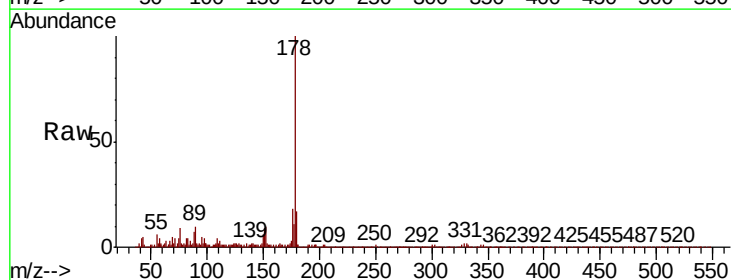
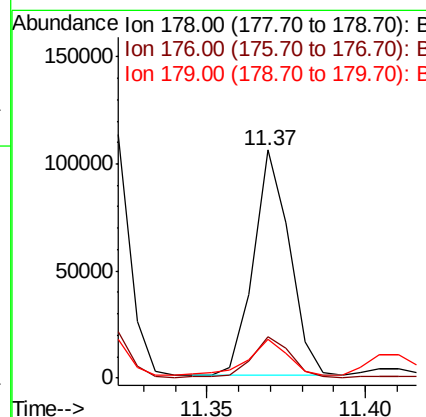
Manual Integrations
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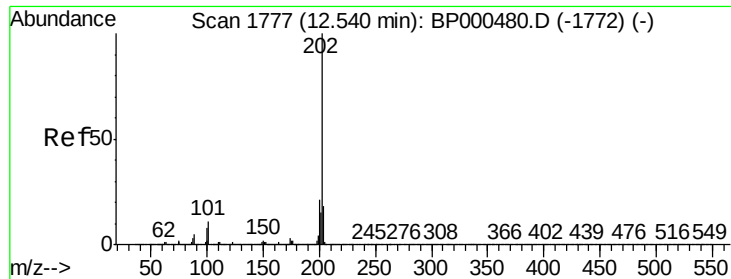
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#72
Anthracene
Concen: 2.174 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.0
179	16.8	12.6	19.0





#75

Fluoranthene

Concen: 9.634 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BP000705.D

Acq: 14 Oct 2019 13:04

Instrument :

BNA_P

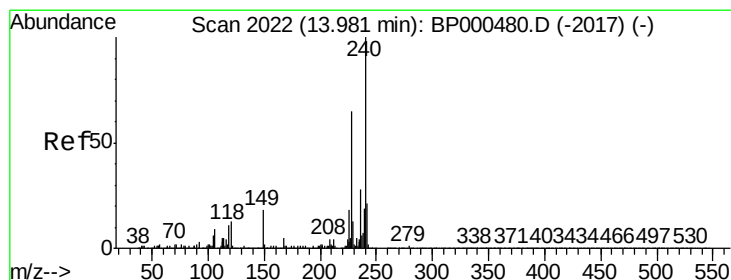
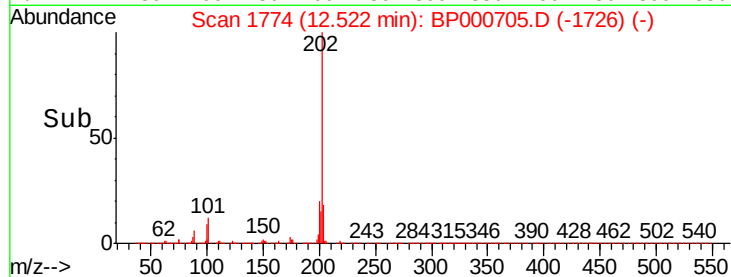
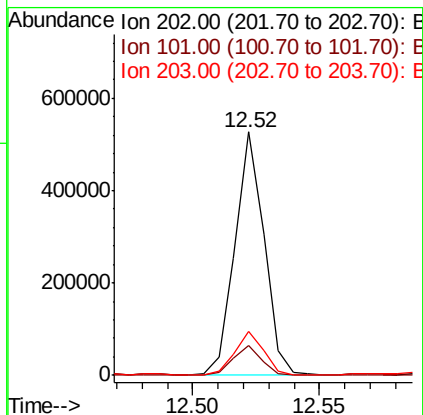
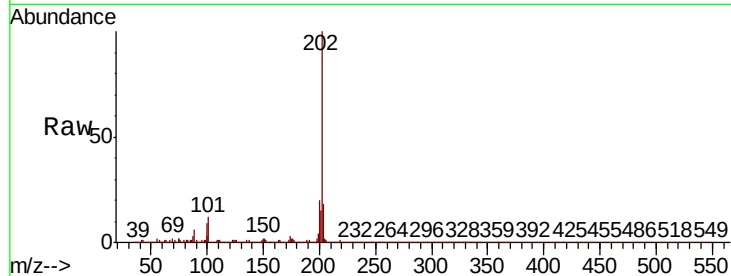
ClientSampleId :

20190825-COMPOSITE-ARE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		417286		
101	12.0	0.0	31.3		
203	17.8	0.0	38.1		

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#76

Chrysene-d12

Concen: 20.000 ng

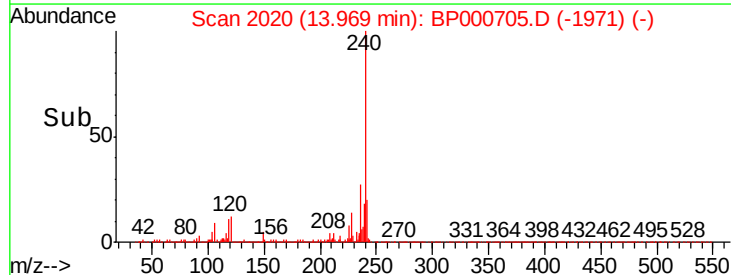
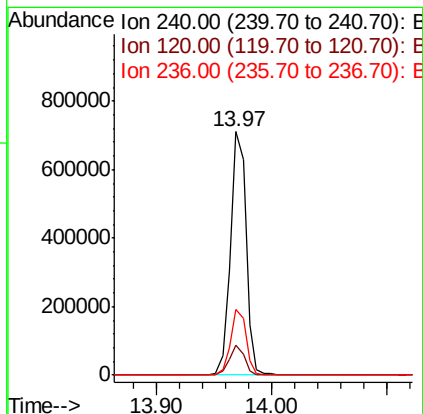
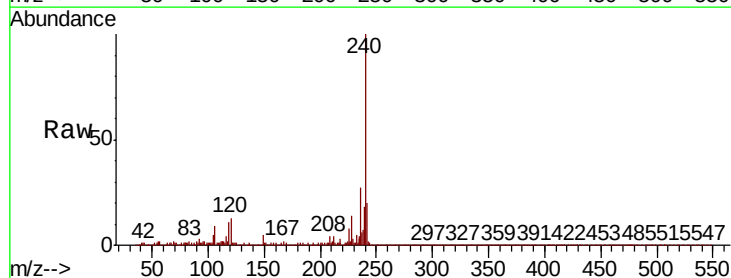
RT: 13.97 min Scan# 2020

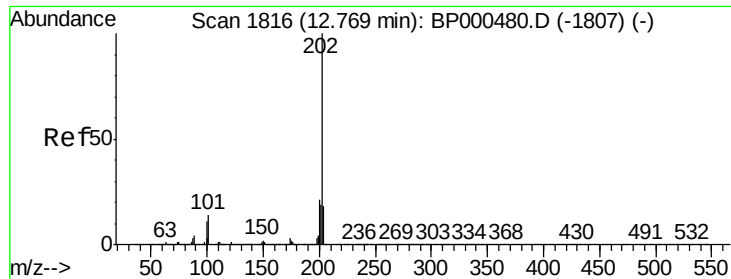
Delta R.T. -0.01 min

Lab File: BP000705.D

Acq: 14 Oct 2019 13:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		666305		
120	12.5	10.1	15.1		
236	26.7	22.7	34.1		





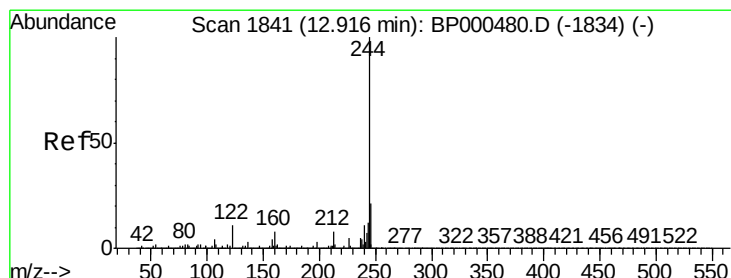
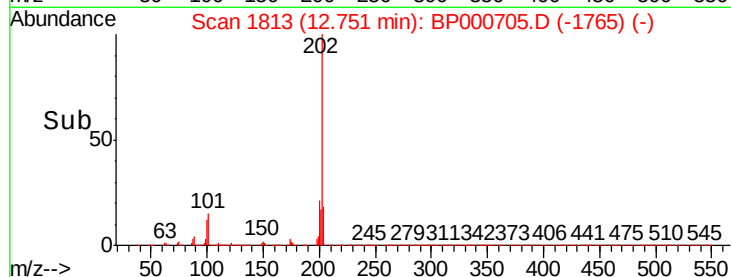
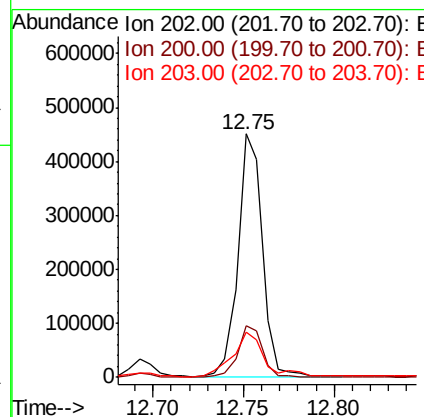
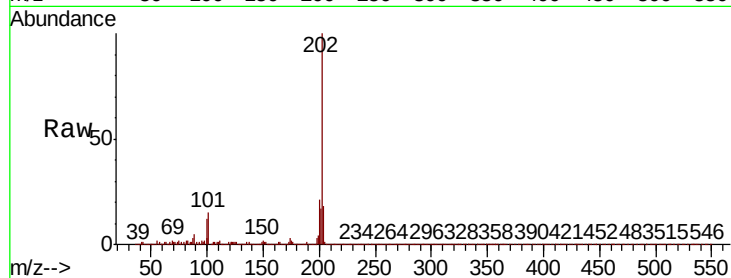
#78
Pvrene
Concen: 9.124 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-ARE

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	18.4	14.6	21.8

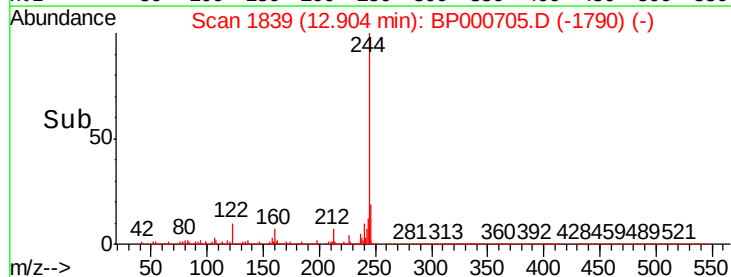
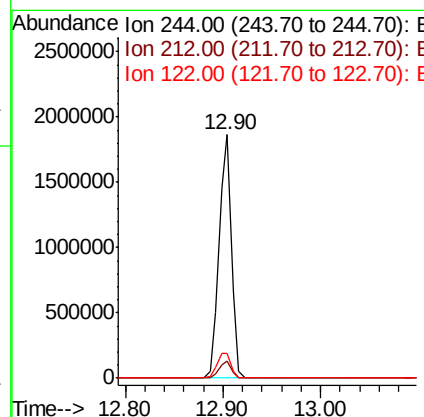
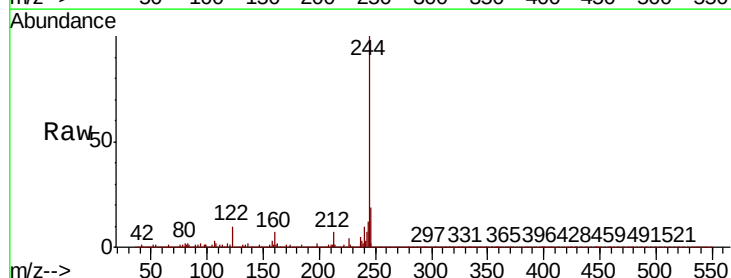
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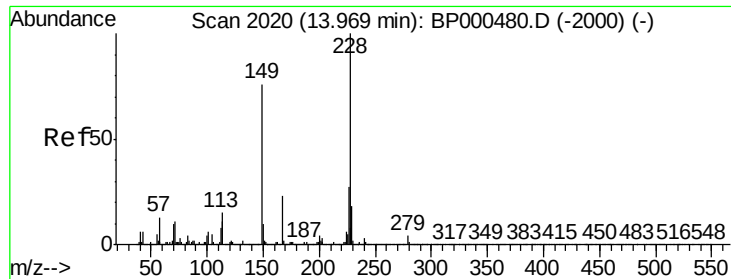
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#79
Terphenyl-d14
Concen: 49.622 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	10.0	8.9	13.3





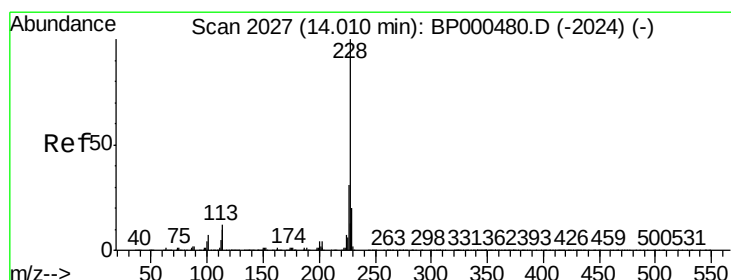
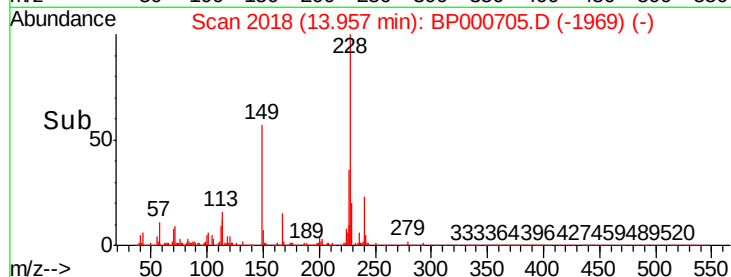
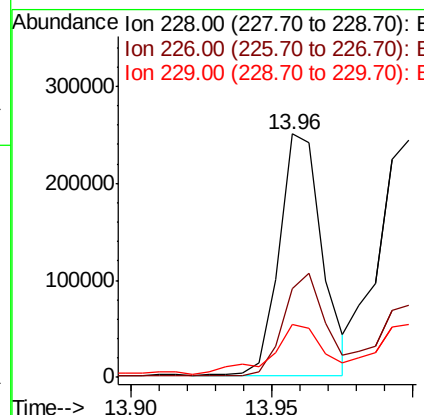
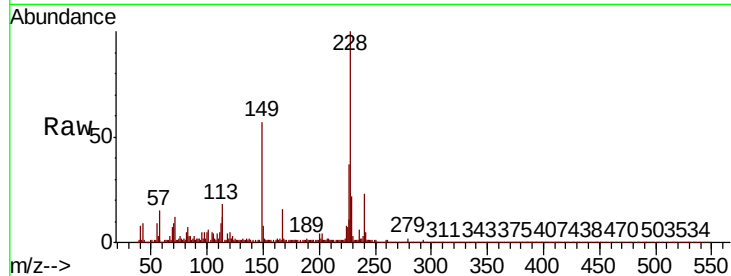
#81
Benzo(a)anthracene
Concen: 6.443 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-ARE

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.5	21.4	32.2#
229	21.6	14.7	22.1

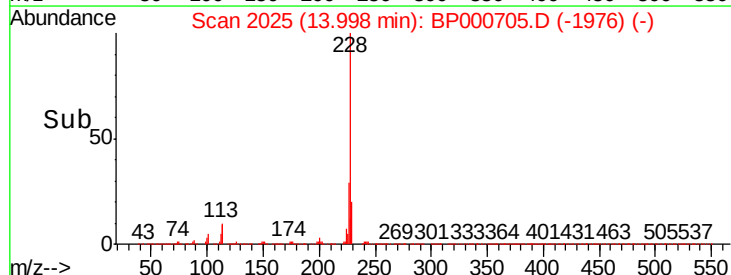
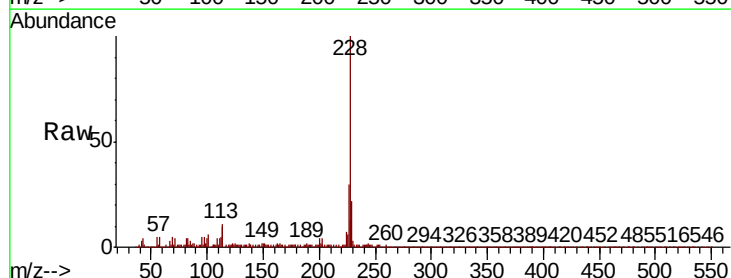
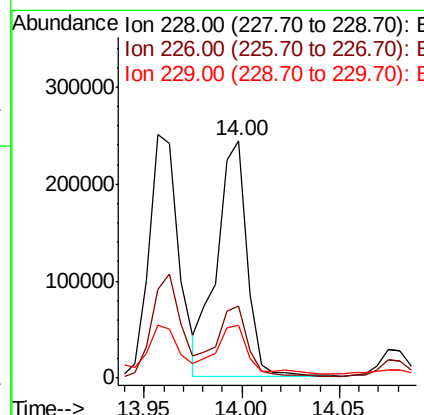
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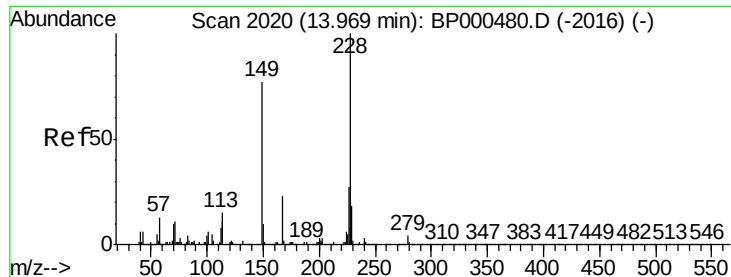
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#83
Chrysene
Concen: 6.547 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	22.1	16.3	24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.073 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000705.D

Acq: 14 Oct 2019 13:04

Instrument :

BNA_P

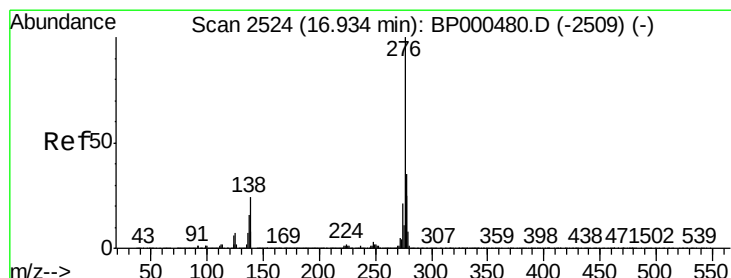
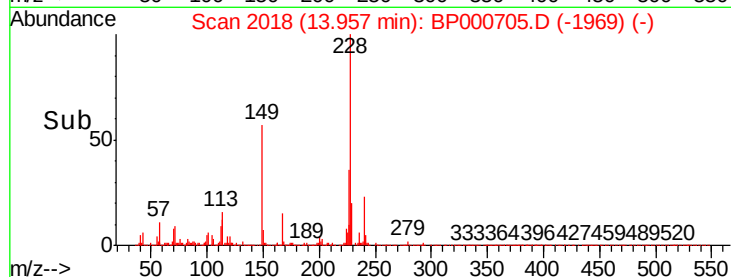
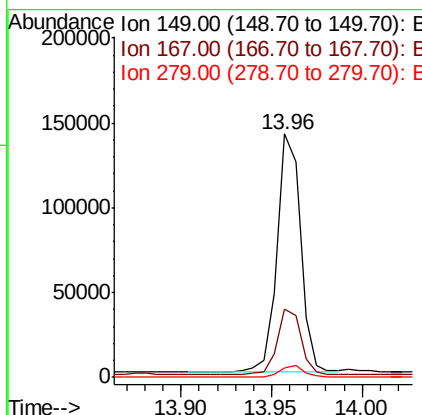
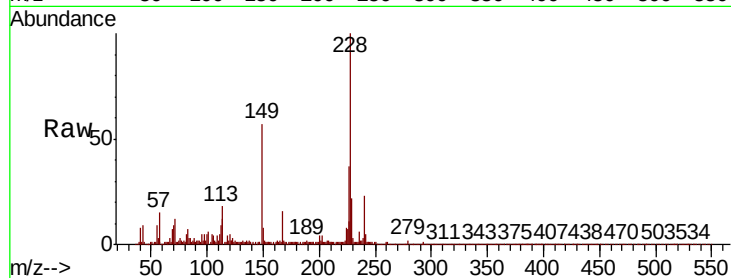
ClientSampleId :

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Tot Ion:	149	Resp:	127769
Ion Ratio	Lower	Upper	
149	100		
167	27.8	23.6	35.4
279	3.9	3.9	5.9#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 3.450 ng

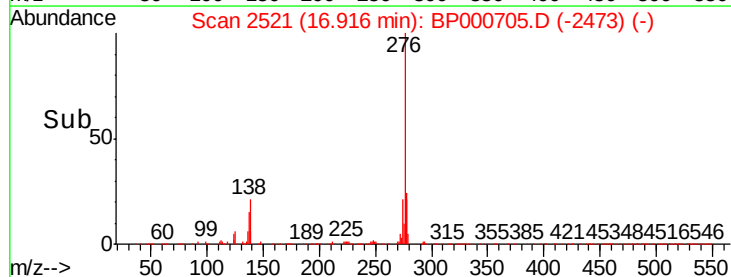
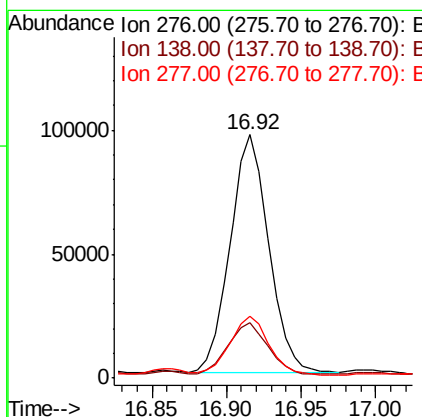
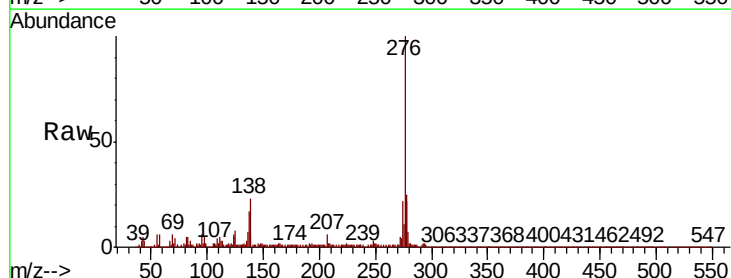
RT: 16.92 min Scan# 2521

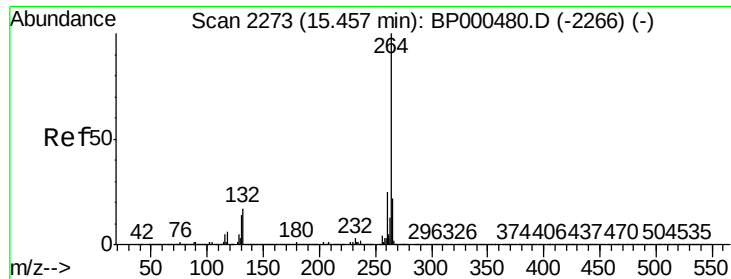
Delta R.T. -0.02 min

Lab File: BP000705.D

Acq: 14 Oct 2019 13:04

Tgt Ion:	276	Resp:	171983
Ion Ratio	Lower	Upper	
276	100		
138	22.6	20.9	31.3
277	25.2	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BP000705.D

Acq: 14 Oct 2019 13:04

Instrument :

BNA_P

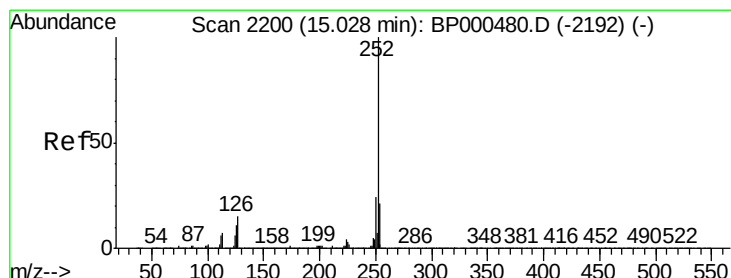
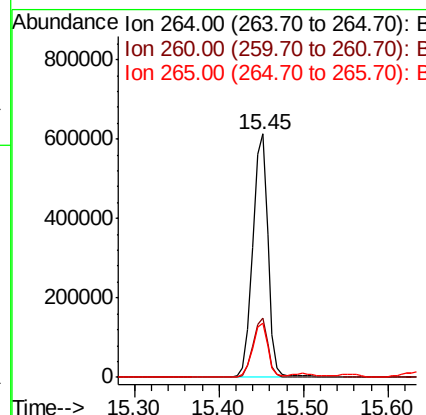
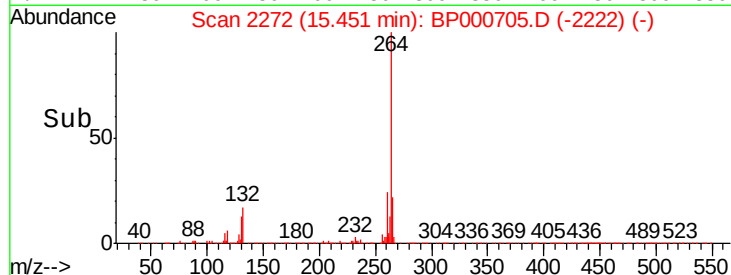
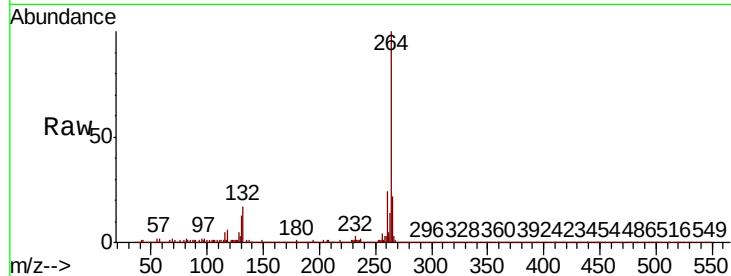
ClientSampleId :

20190825-COMPOSITE-ARE

Tot Ion:	264	Resp:	768536
Ion Ratio		Lower	Upper
264	100		
260	24.4	20.3	30.5
265	22.1	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 8.231 ng m

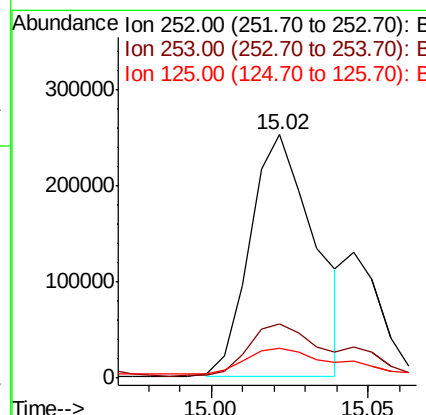
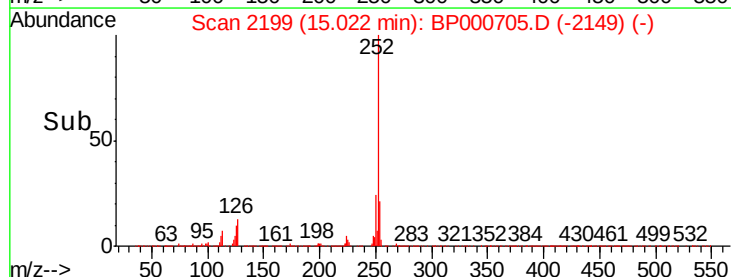
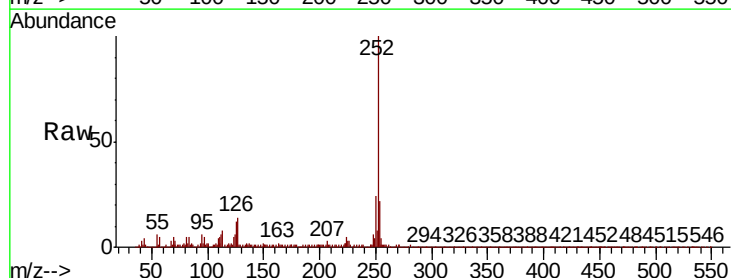
RT: 15.02 min Scan# 2199

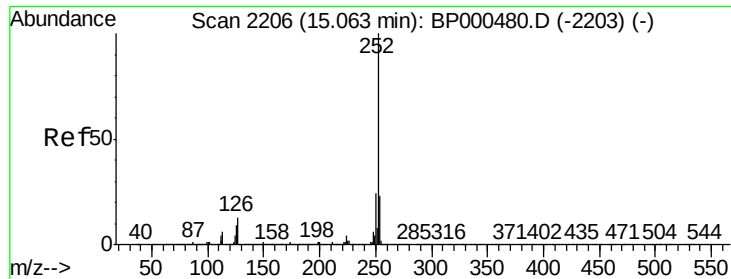
Delta R.T. -0.01 min

Lab File: BP000705.D

Acq: 14 Oct 2019 13:04

Tgt Ion:	252	Resp:	358888
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.0	25.4
125	12.3	8.9	13.3





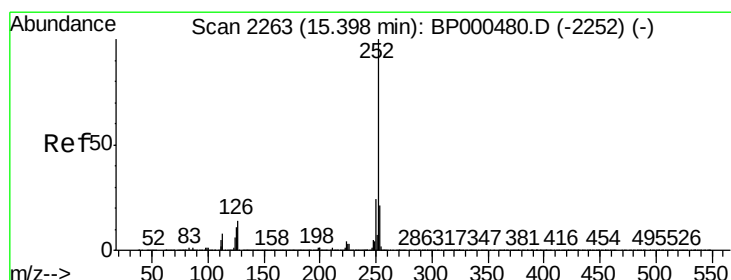
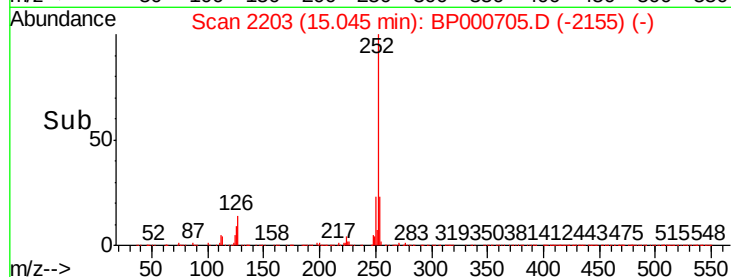
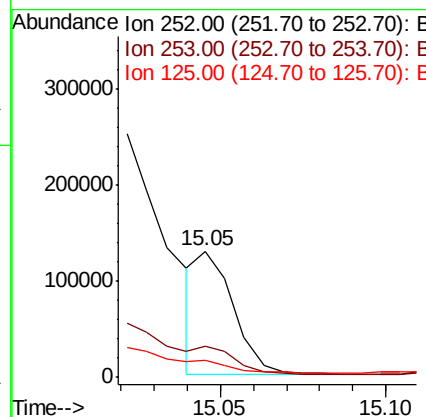
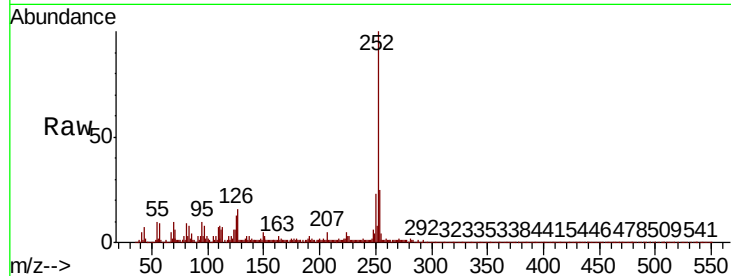
#89
Benzo(k)fluoranthene
Concen: 2.415 ng m
RT: 15.05 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-ARE

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.4	27.6
125	13.4	7.8	11.8

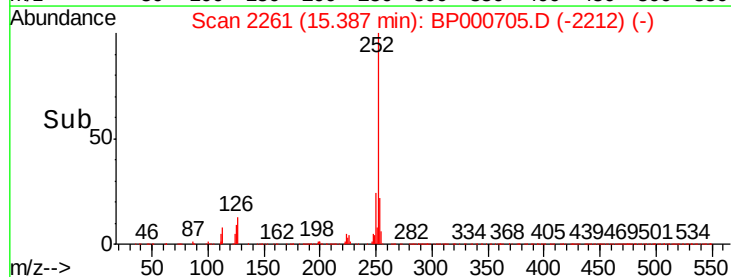
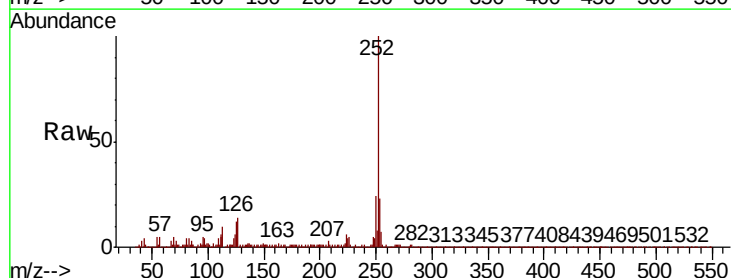
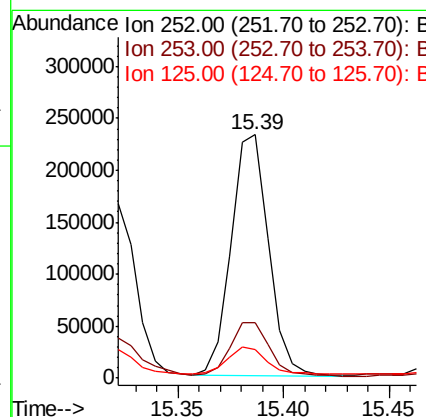
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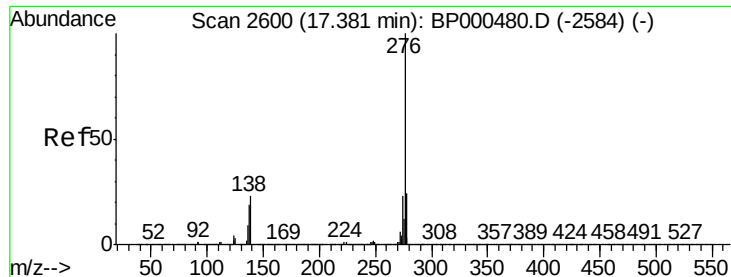
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#90
Benzo(a)pyrene
Concen: 6.980 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.8	8.4	12.6





#92
 Benzo(a,h,i)perylene
 Concen: 4.558 ng
 RT: 17.36 min Scan# 2596
 Delta R.T. -0.02 min
 Lab File: BP000705.D
 Acq: 14 Oct 2019 13:04

Instrument :
 BNA_P
 ClientSampleId :
 20190825-COMPOSITE-ARE

Tot Ion:	276	Resp:	182575
Ion Ratio		Lower	Upper
276	100		
277	23.2	19.4	29.2
138	21.4	18.5	27.7

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