

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
 Data File : BP000716.D
 Acq On : 14 Oct 2019 17:31
 Operator : JU
 Sample : K5348-13RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190881-COMPOSITE-MRE

Manual Integrations
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mohammad
 10/16/2019 8:11:46 AM

Quant Time: Oct 15 04:51:48 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	205535	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	731793	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	402323	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	737034	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	655743	20.00	ng	0.00
87) Perylene-d12	15.46	264	769218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	73119	5.72	ng	-0.01
7) Phenol-d6	6.39	99	658378	42.73	ng	-0.02
23) Nitrobenzene-d5	7.31	82	792811	66.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	14721	3.43	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1496775	60.19	ng	-0.02
79) Terphenyl-d14	12.90	244	1742907	53.82	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	63841	4.047	ng	92
50) Dimethylphthalate	9.51	163	269896	9.655	ng	99
75) Fluoranthene	12.53	202	148173	3.564	ng	99
78) Pyrene	12.76	202	154044	3.406	ng	99
81) Benzo(a)anthracene	13.96	228	94931	2.373	ng	# 82
83) Chrysene	14.00	228	87050	2.217	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	62962	2.540	ng	99
88) Benzo(b)fluoranthene	15.02	252	143459m	3.287	ng	
90) Benzo(a)pyrene	15.39	252	104327	2.565	ng	# 92

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

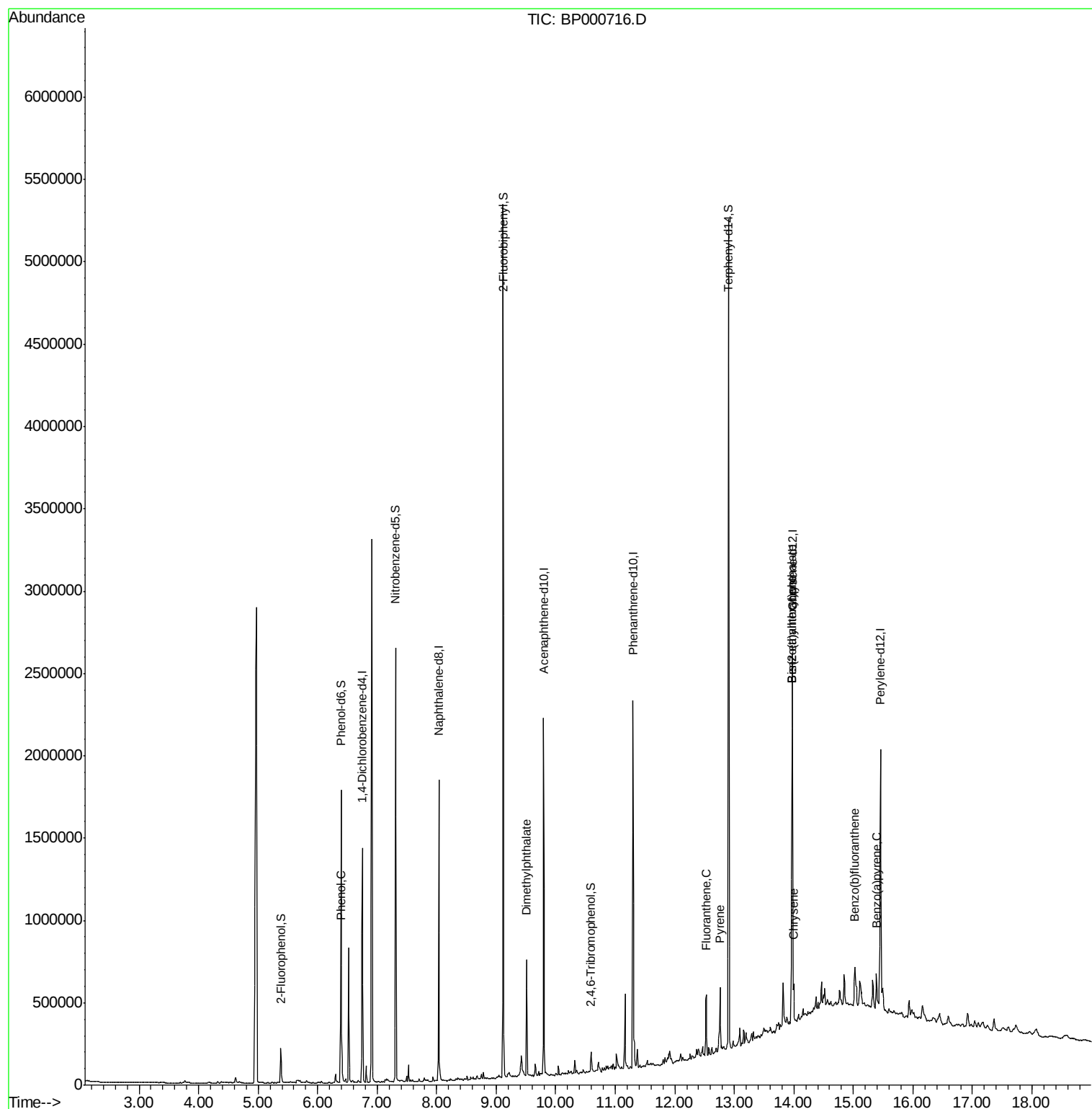
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000716.D
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Sample : K5348-13RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

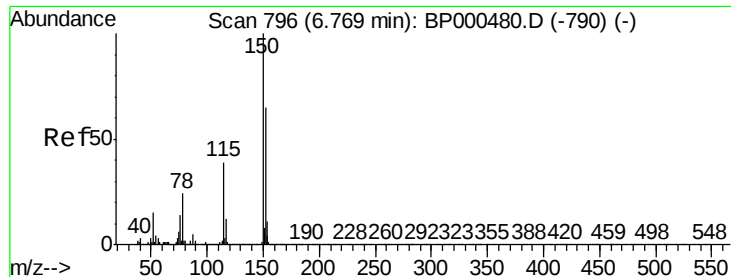
Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-MRE

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#1

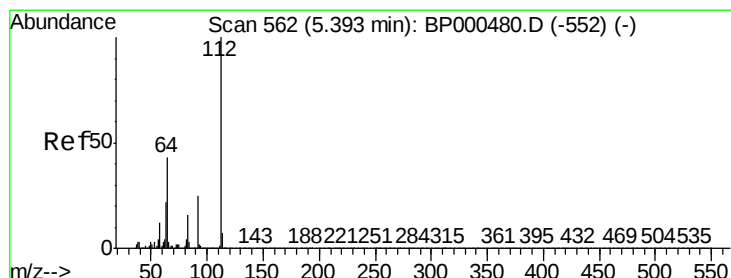
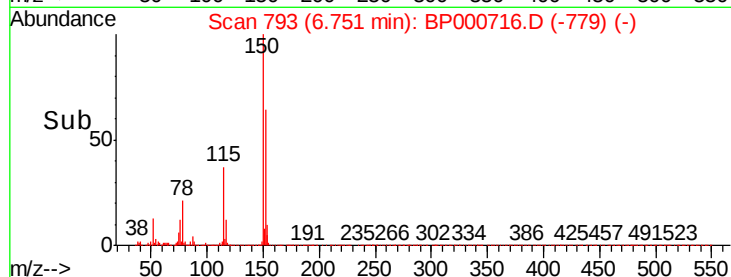
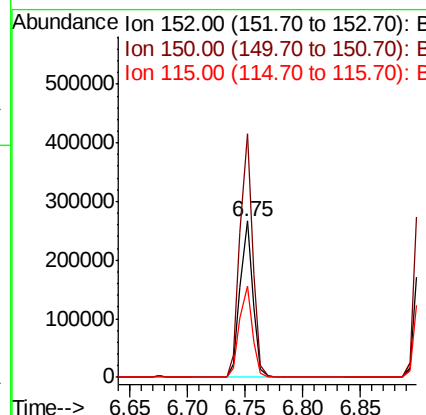
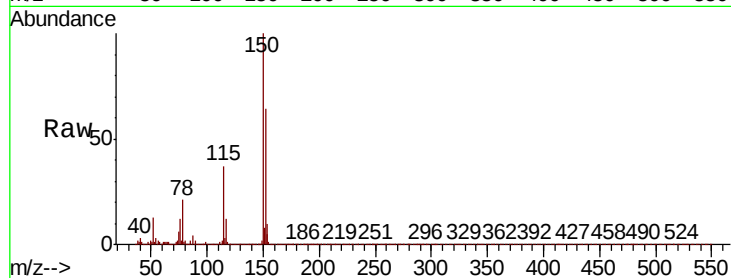
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-MRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.1	186.1
115	58.2	48.7	73.1

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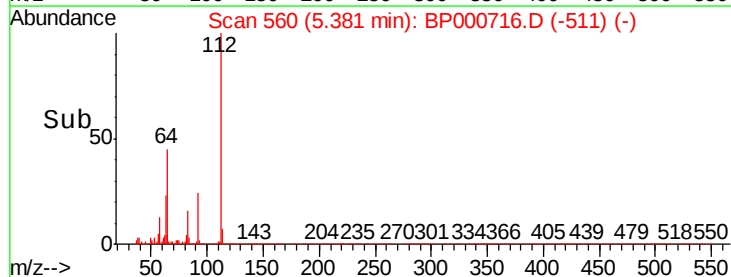
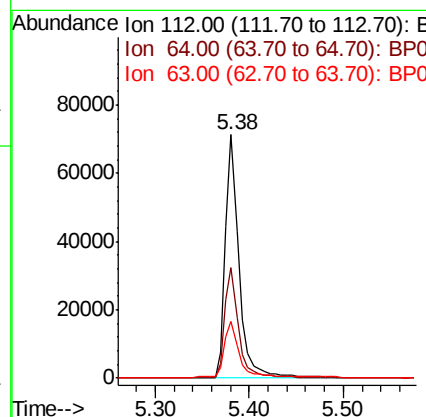
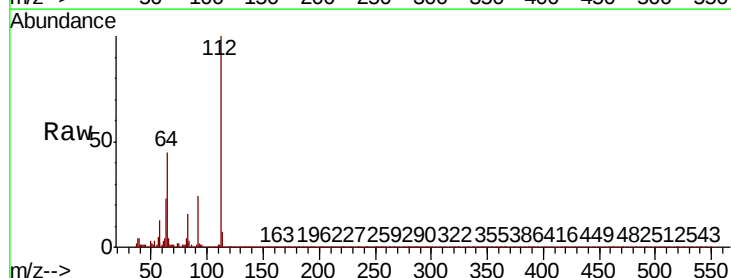
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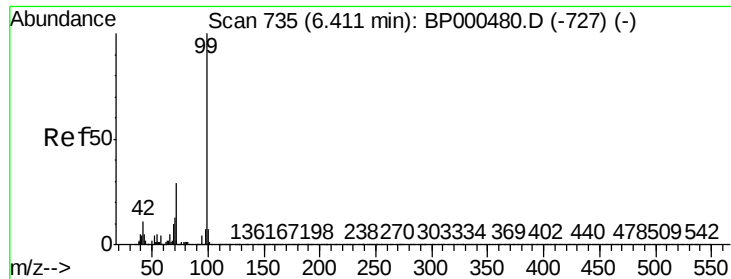


#5

2-Fluorophenol
Concen: 5.718 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.5	34.2	51.4
63	23.1	17.9	26.9





#7

Phenol-d6

Concen: 42.729 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000716.D

Acq: 14 Oct 2019 17:31

Instrument :

BNA_P

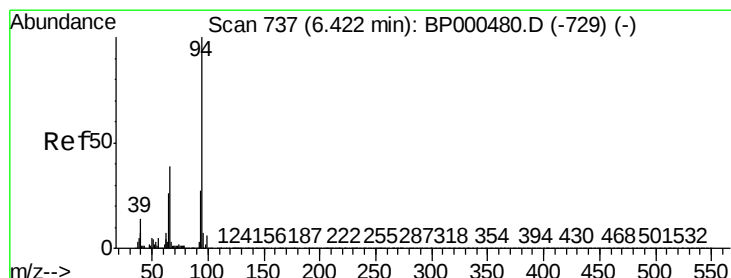
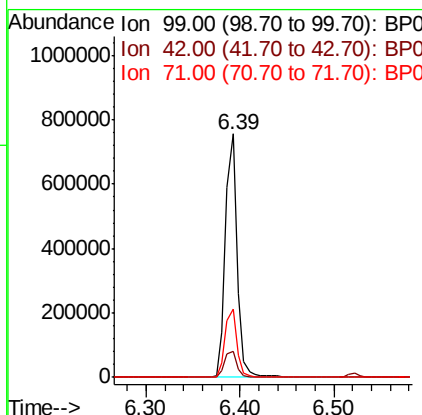
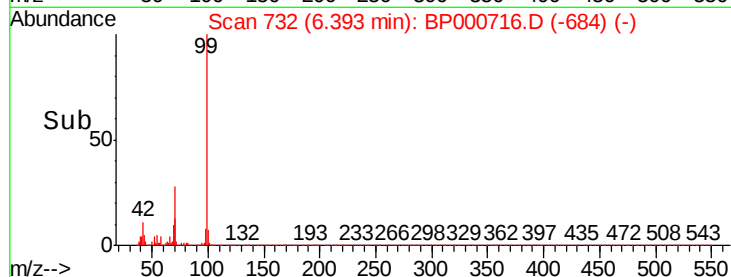
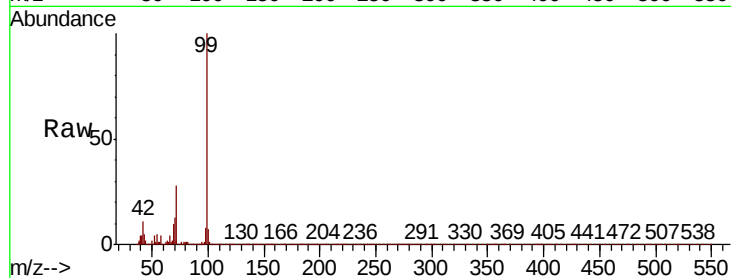
ClientSampleId :

20190881-COMPOSITE-MRE

Tot Ion:	99	Resp:	658378
Ion Ratio	Lower	Upper	
99	100		
42	10.8	8.6	12.8
71	28.3	23.0	34.4

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#10

Phenol

Concen: 4.047 ng

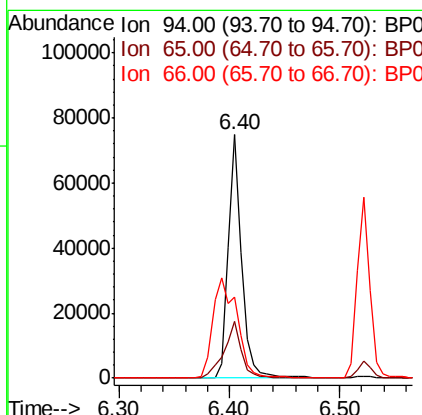
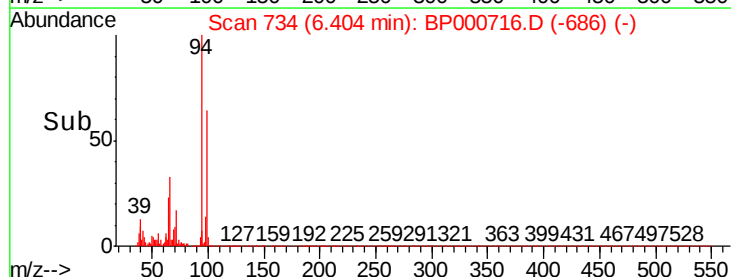
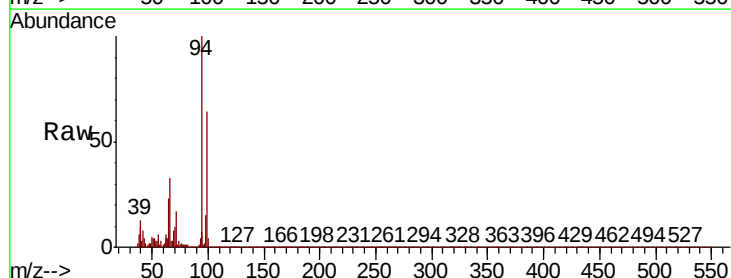
RT: 6.40 min Scan# 734

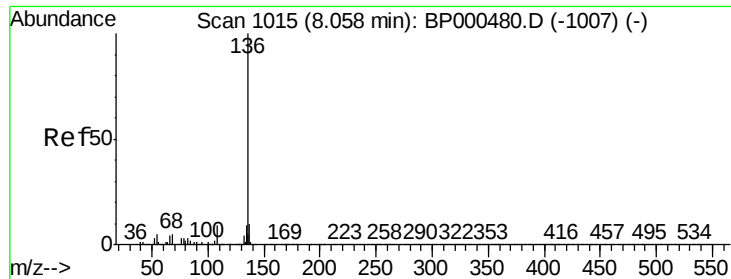
Delta R.T. -0.02 min

Lab File: BP000716.D

Acq: 14 Oct 2019 17:31

Tgt Ion:	94	Resp:	63841
Ion Ratio	Lower	Upper	
94	100		
65	23.2	5.9	45.9
66	33.1	18.8	58.8





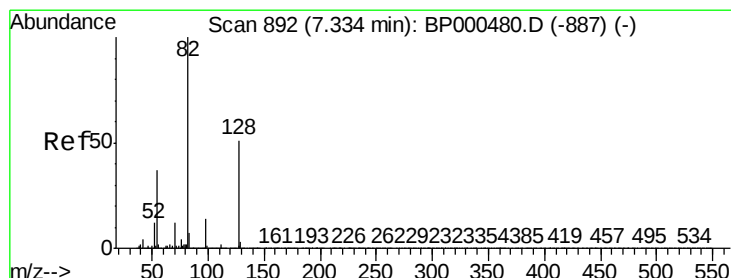
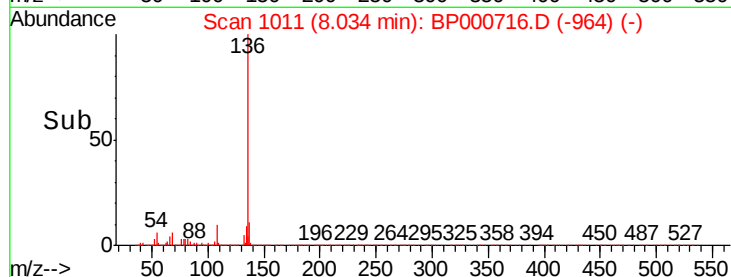
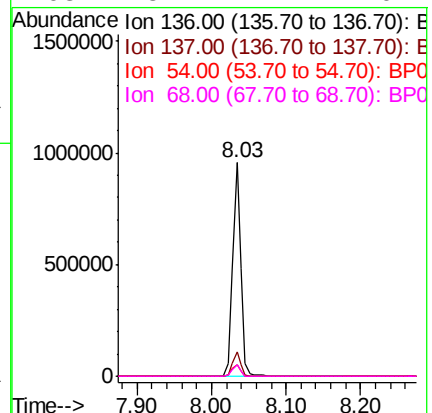
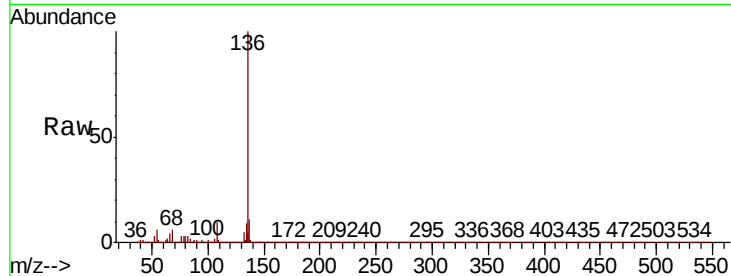
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-MRE

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.2	12.4
54	5.7	4.1	6.1
68	5.7	4.1	6.1

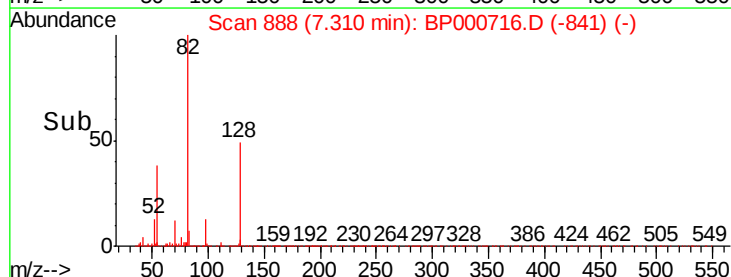
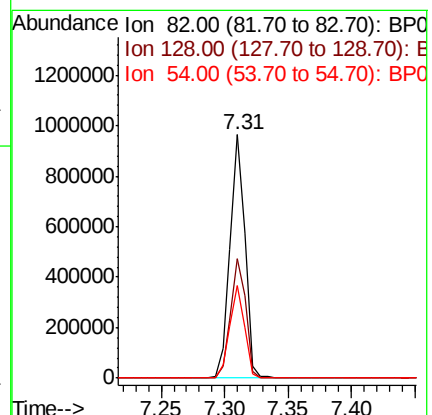
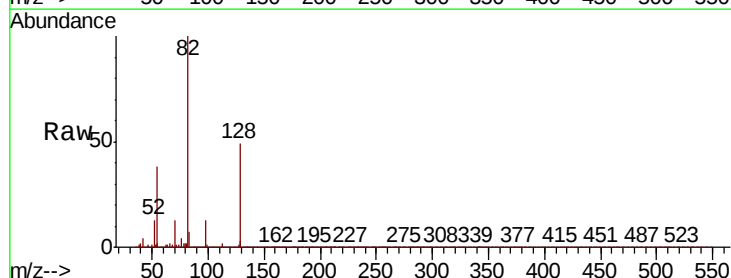
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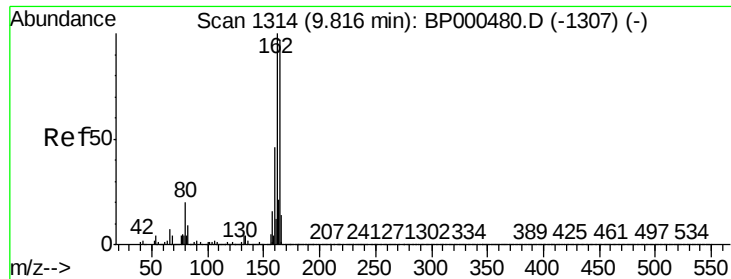
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#23
Nitrobenzene-d5
Concen: 66.168 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	48.9	40.9	61.3
54	38.0	29.4	44.2





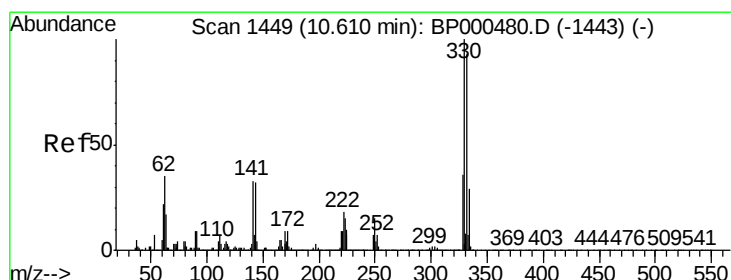
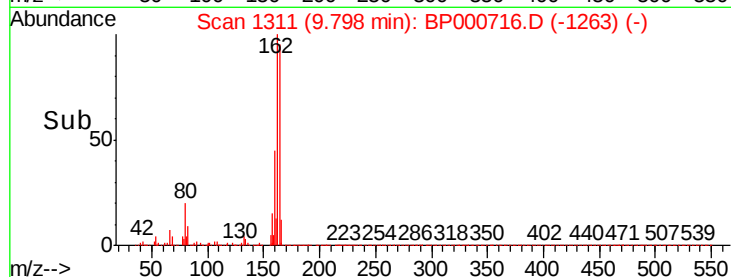
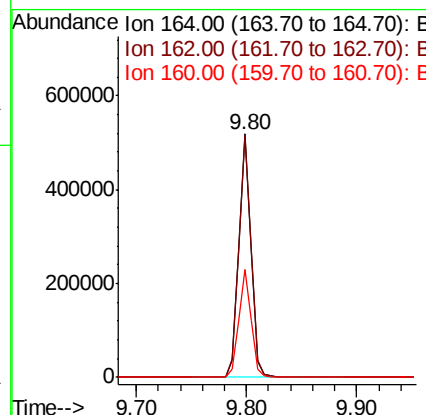
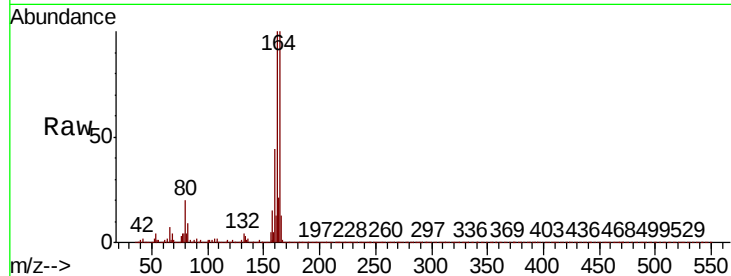
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-MRE

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.6	82.2	123.2	
160	44.3	37.6	56.4	

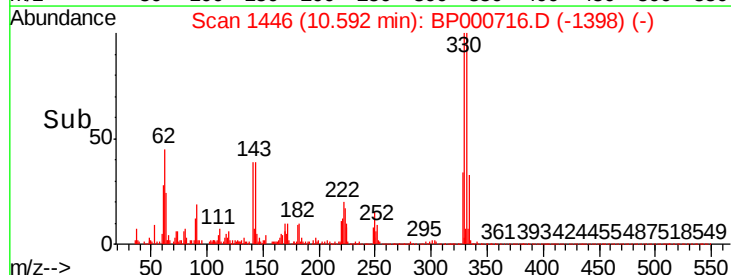
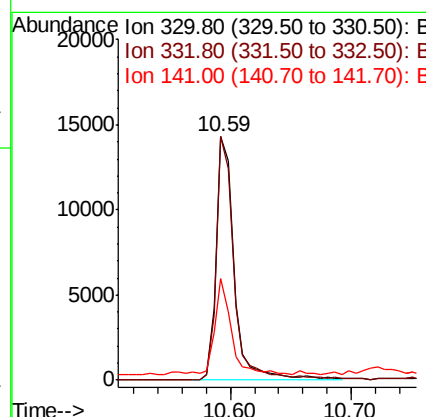
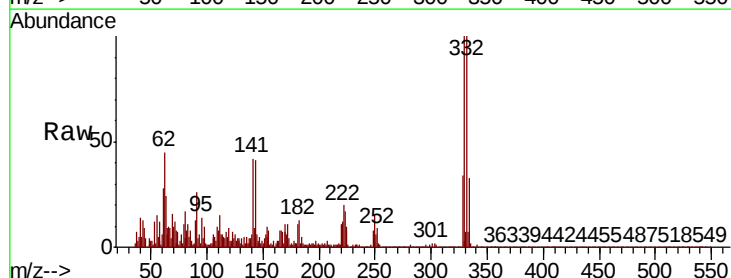
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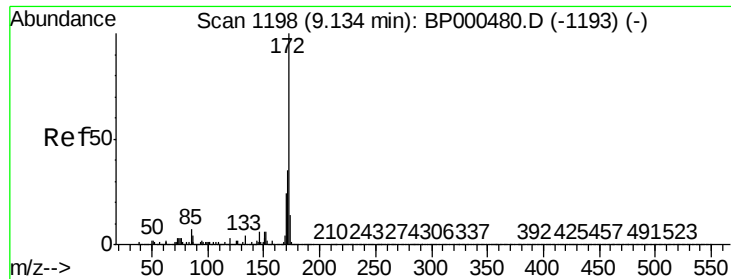
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#42
2,4,6-Tribromophenol
Concen: 3.434 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.4	77.1	115.7	
141	35.4	26.0	39.0	





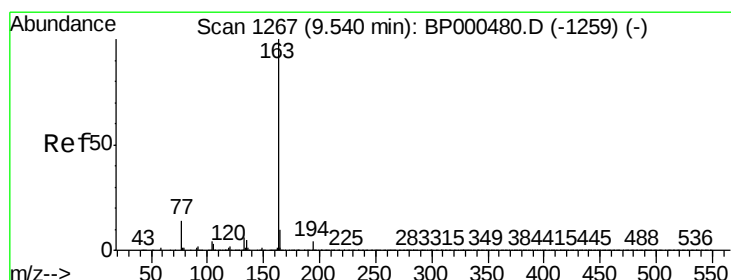
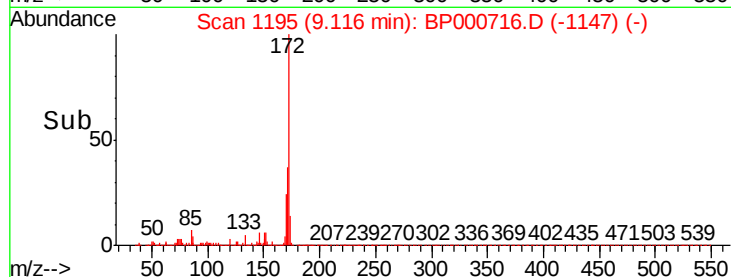
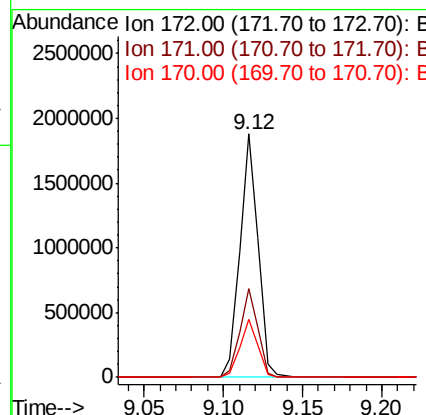
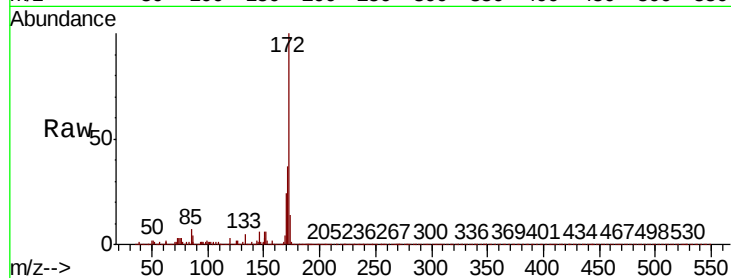
#45
2-Fluorobiphenyl
Concen: 60.195 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-MRE

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.4	42.6
170	23.8	19.1	28.7

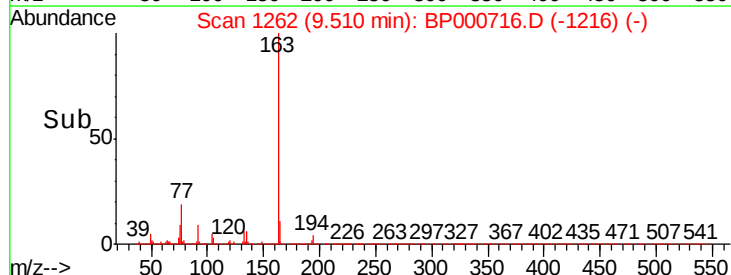
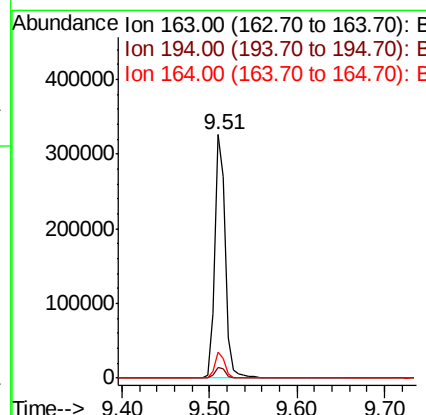
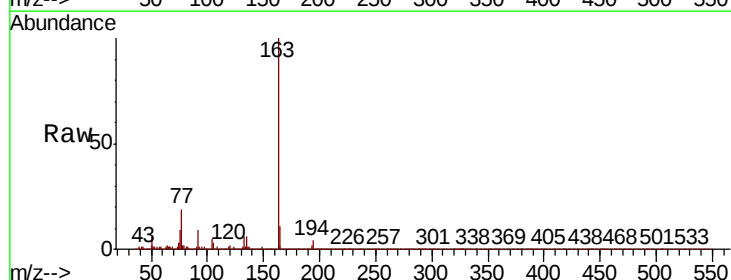
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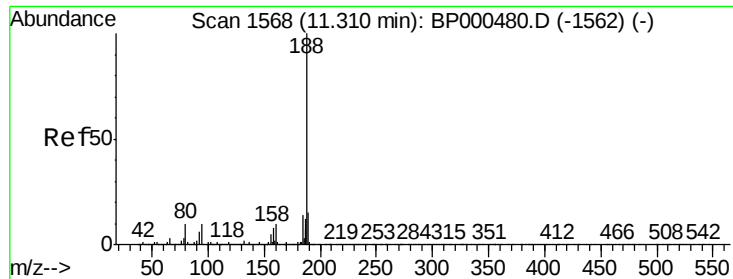
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#50
Dimethylphthalate
Concen: 9.655 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.6	8.0	12.0





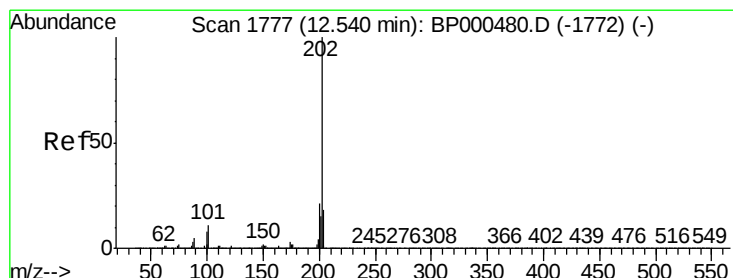
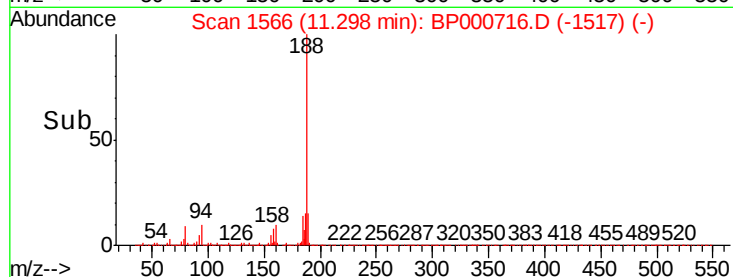
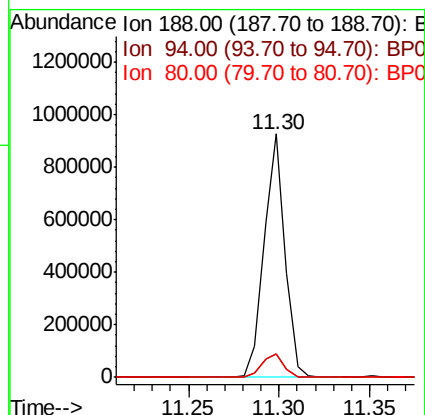
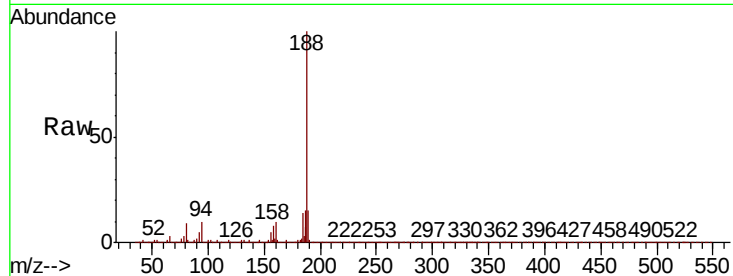
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-MRE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	8.2	12.2
80	9.5	8.3	12.5

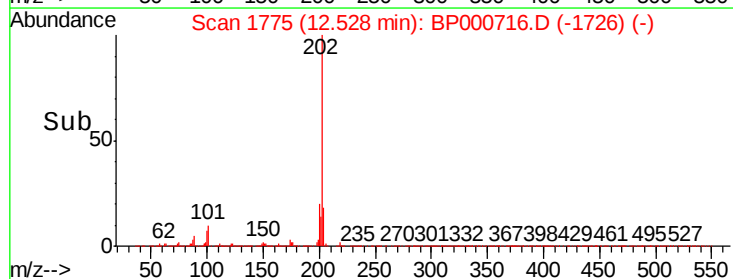
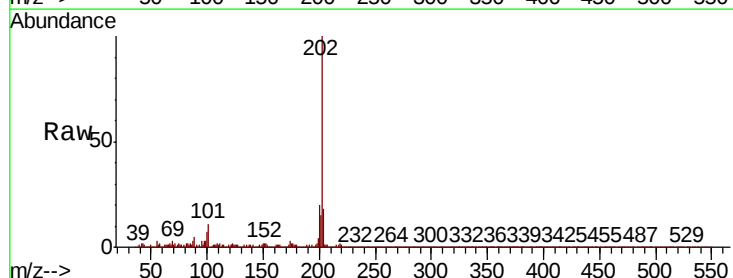
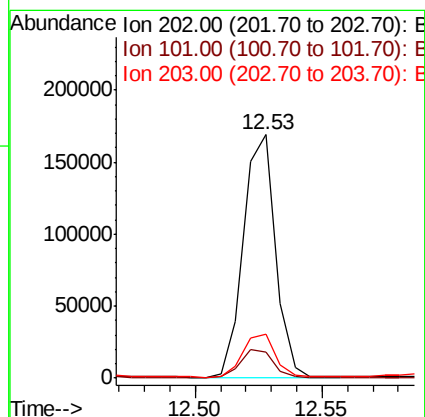
Manual Integrations
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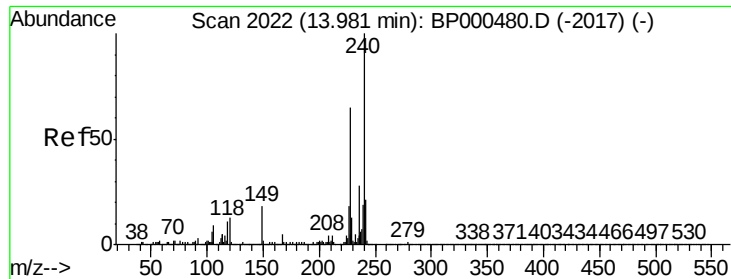
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#75
Fluoranthene
Concen: 3.564 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	31.3
203	18.1	0.0	38.1





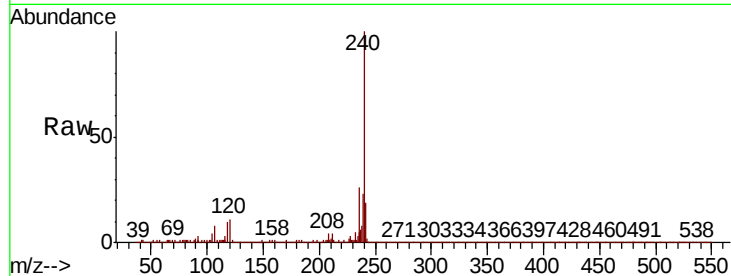
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-MRE

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.1	15.1
236	26.4	22.7	34.1

Manual Integrations
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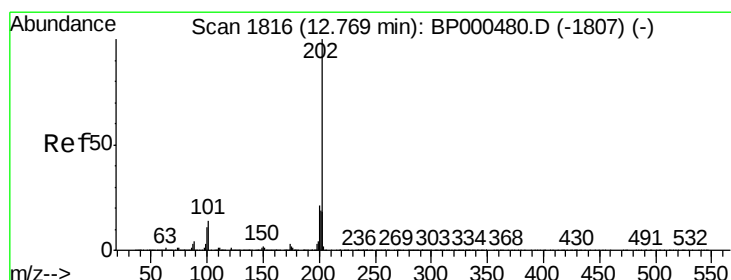
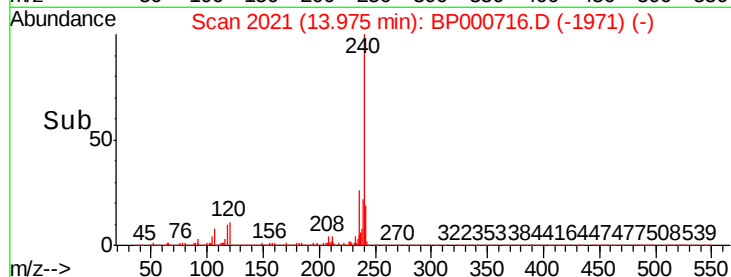
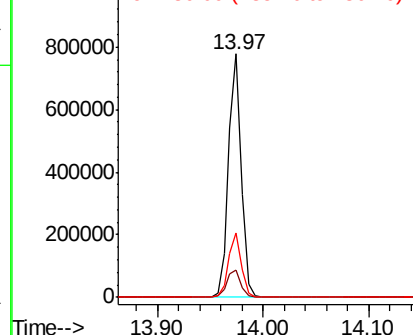


Abundance

Ion 240.00 (239.70 to 240.70): E

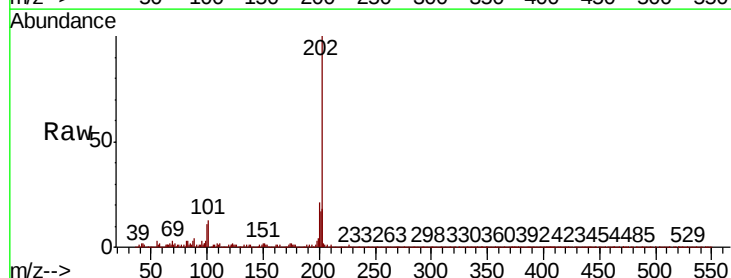
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 3.406 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.6	14.6	21.8

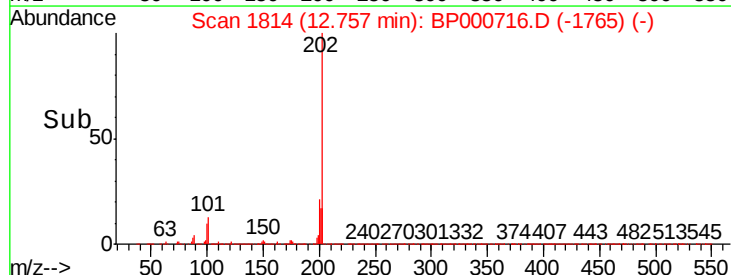
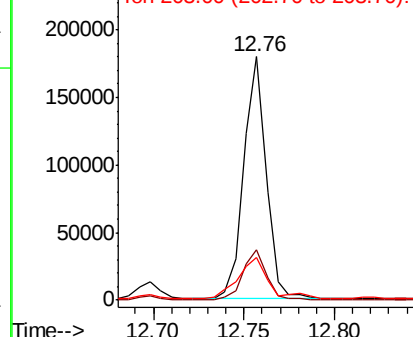


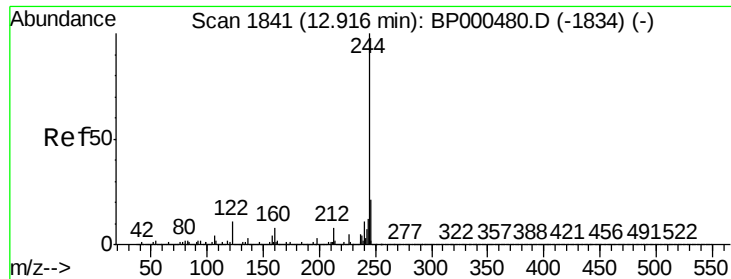
Abundance

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





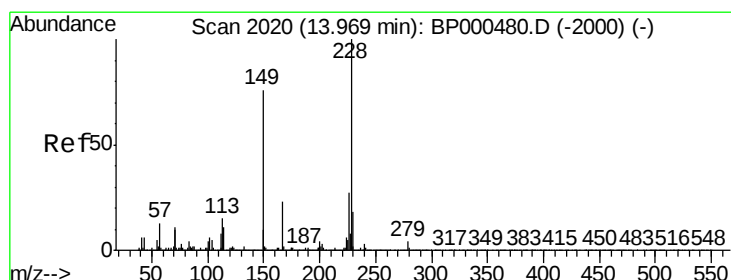
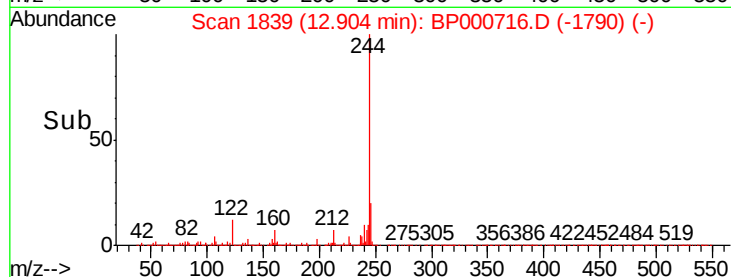
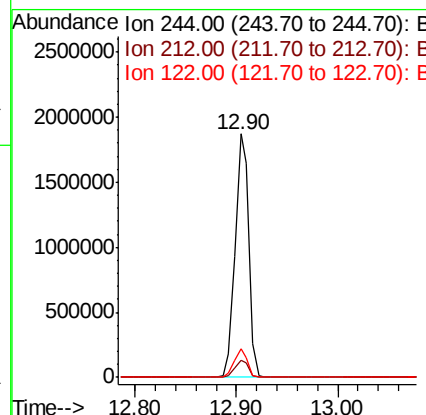
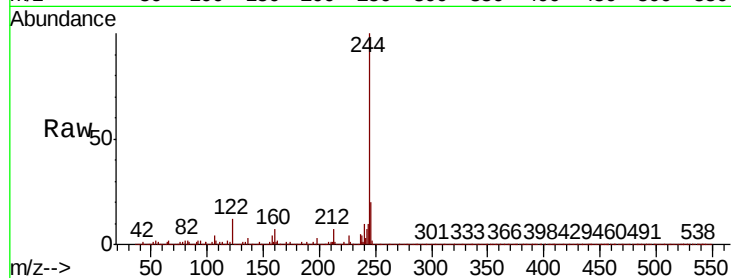
#79
 Terphenyl-d14
 Concen: 53.815 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BP000716.D
 Acq: 14 Oct 2019 17:31

Instrument :
 BNA_P
 ClientSampleId :
 20190881-COMPOSITE-MRE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.0	8.9	13.3

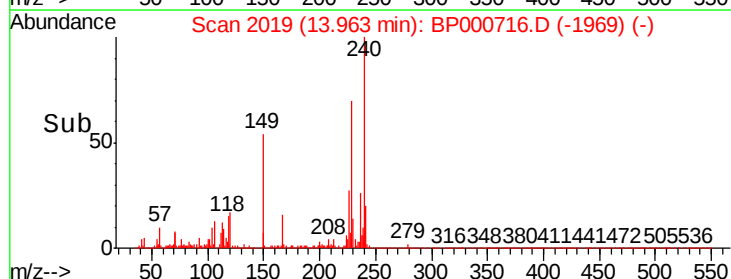
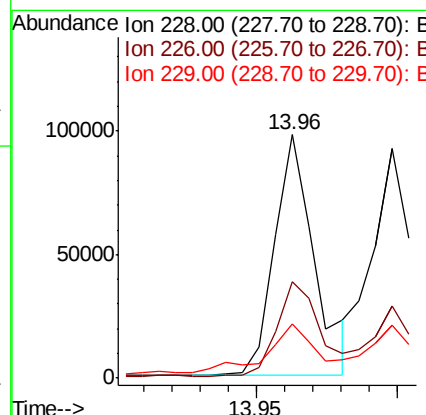
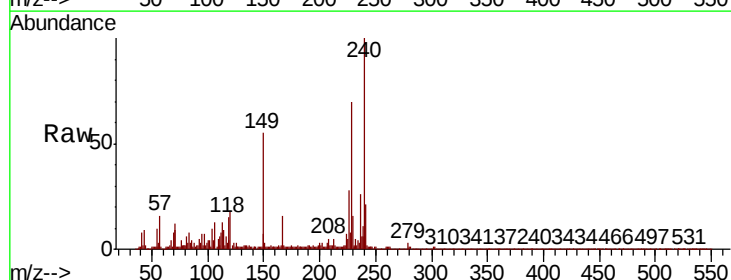
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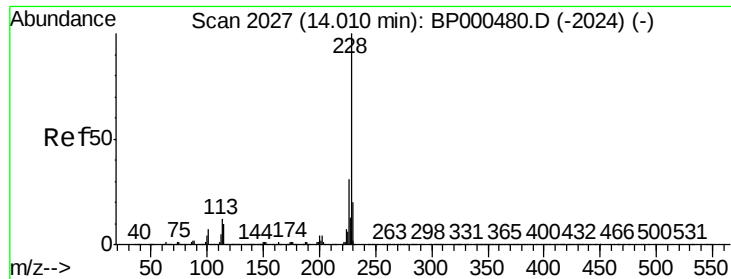
mohammad
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#81
 Benzo(a)anthracene
 Concen: 2.373 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BP000716.D
 Acq: 14 Oct 2019 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.4	21.4	32.2#
229	22.1	14.7	22.1





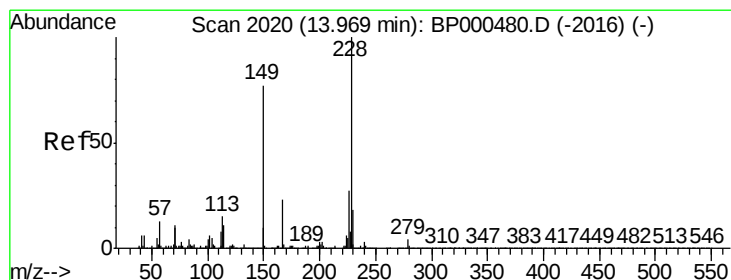
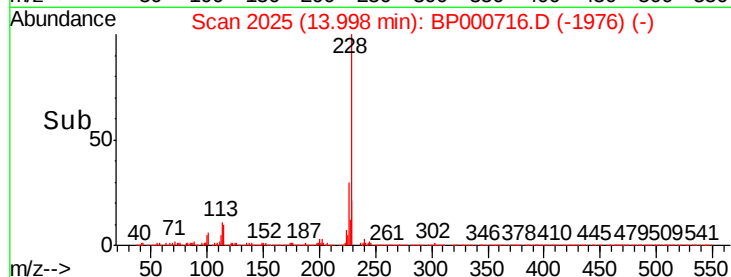
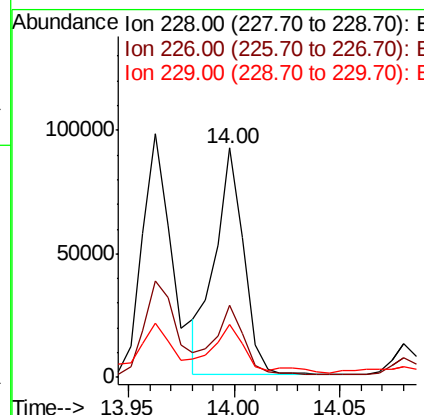
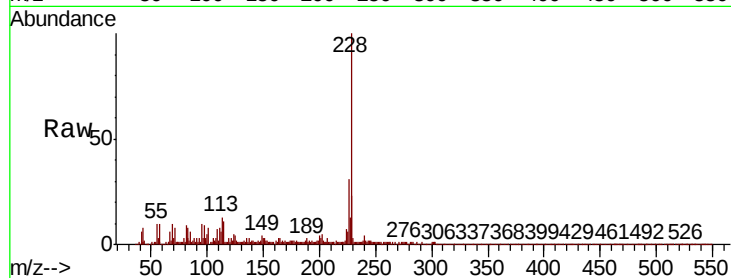
#83
Chrysene
Concen: 2.217 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-MRE

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	23.4	16.3	24.5

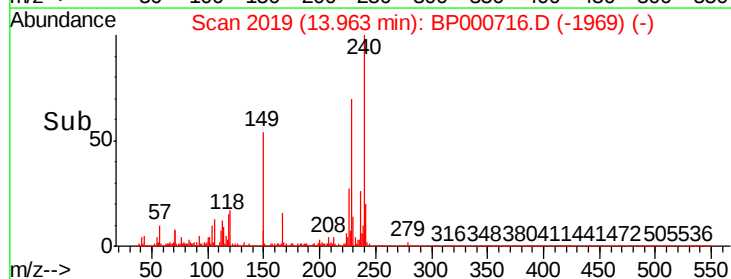
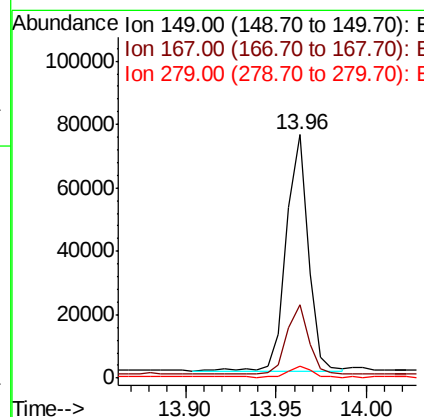
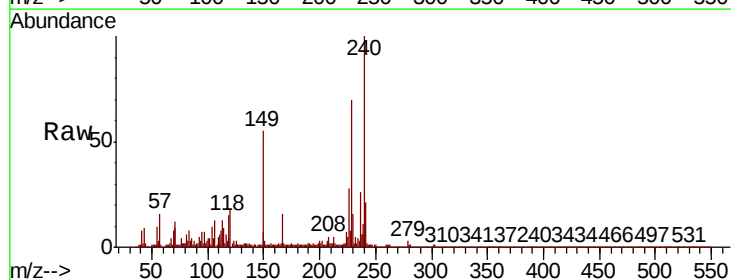
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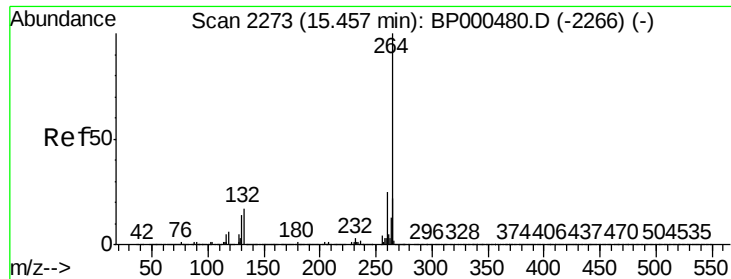
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.540 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.6	35.4
279	4.9	3.9	5.9





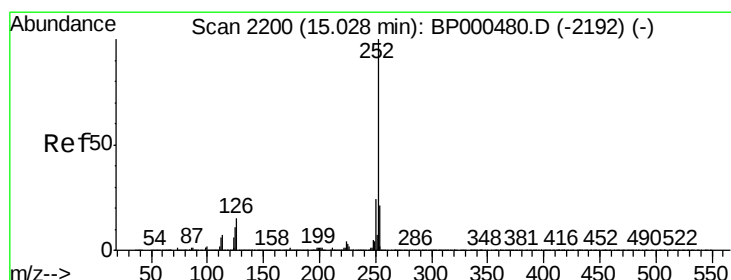
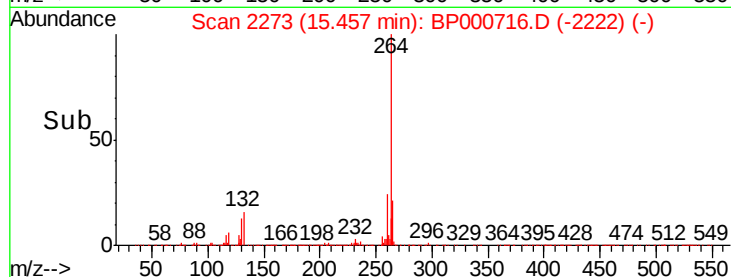
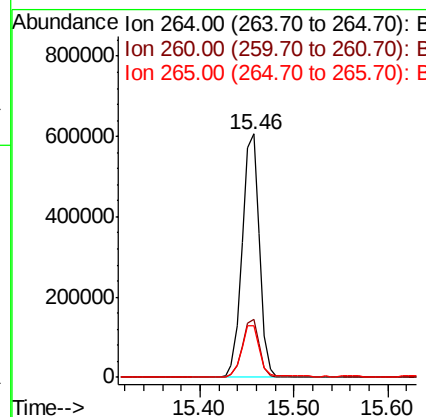
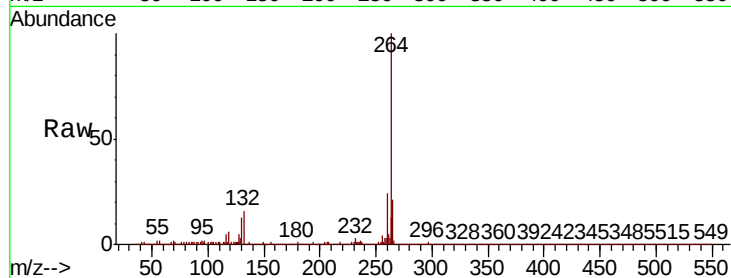
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-MRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.3	30.5
265	21.4	18.0	27.0

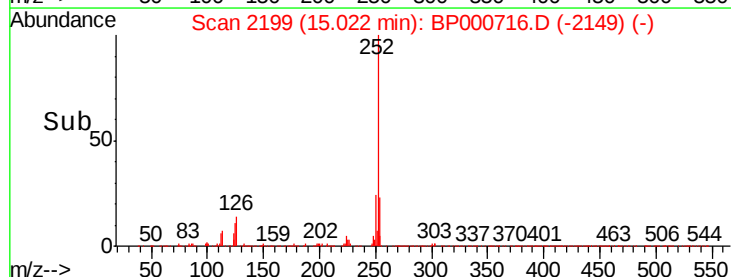
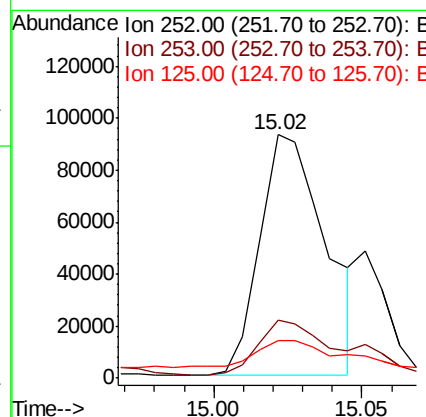
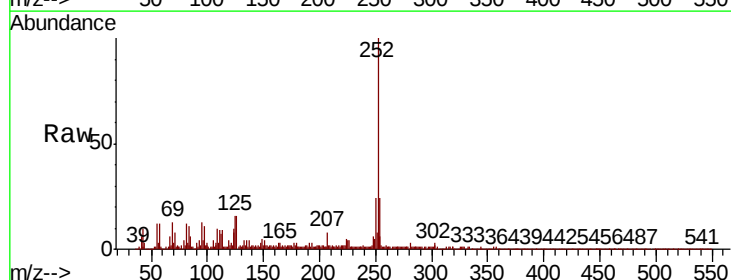
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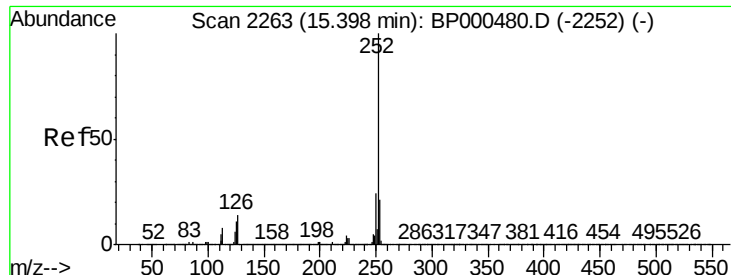
mohammad
10/16/2019 8:11:46 AM



#88
Benzo(b)fluoranthene
Concen: 3.287 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.4
125	15.5	8.9	13.3#





#90
Benzo(a)pyrene
Concen: 2.565 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-MRE

Tot Ion:	252	Resp:	104327
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.0	25.6
125	15.5	8.4	12.6#

Manual Integrations
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