

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000257.D
 Acq On : 16 Sep 2019 23:37
 Operator : HP/JU
 Sample : K4873-04 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-29

Manual Integrations
 APPROVED

mohammad
 9/17/2019 1:27:50 PM

Quant Time: Sep 17 07:27:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	347664	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1229334	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	648388	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1126207	20.00	ng	0.00
76) Chrysene-d12	13.99	240	902364	20.00	ng	-0.01
87) Perylene-d12	15.47	264	838402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1005539	49.93	ng	0.00
7) Phenol-d6	6.42	99	1285353	52.07	ng	0.00
23) Nitrobenzene-d5	7.35	82	667423	35.03	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	332440	51.69	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1554693	43.16	ng	0.00
79) Terphenyl-d14	12.92	244	1636507	38.05	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	62586	2.231	ng	99
50) Dimethylphthalate	9.54	163	181842	4.116	ng	100
71) Phenanthrene	11.35	178	197813	3.505	ng	98
75) Fluoranthene	12.55	202	519137	8.566	ng	98
78) Pyrene	12.77	202	512541	7.592	ng	98
81) Benzo(a)anthracene	13.98	228	299221m	5.249	ng	
83) Chrysene	14.02	228	278876	4.983	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	146964m	2.154	ng	
88) Benzo(b)fluoranthene	15.04	252	344897m	6.896	ng	
89) Benzo(k)fluoranthene	15.07	252	119308m	2.735	ng	
90) Benzo(a)pyrene	15.41	252	244961	5.383	ng	# 88
92) Benzo(a,h,i)perylene	17.40	276	140671	3.225	ng	94

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

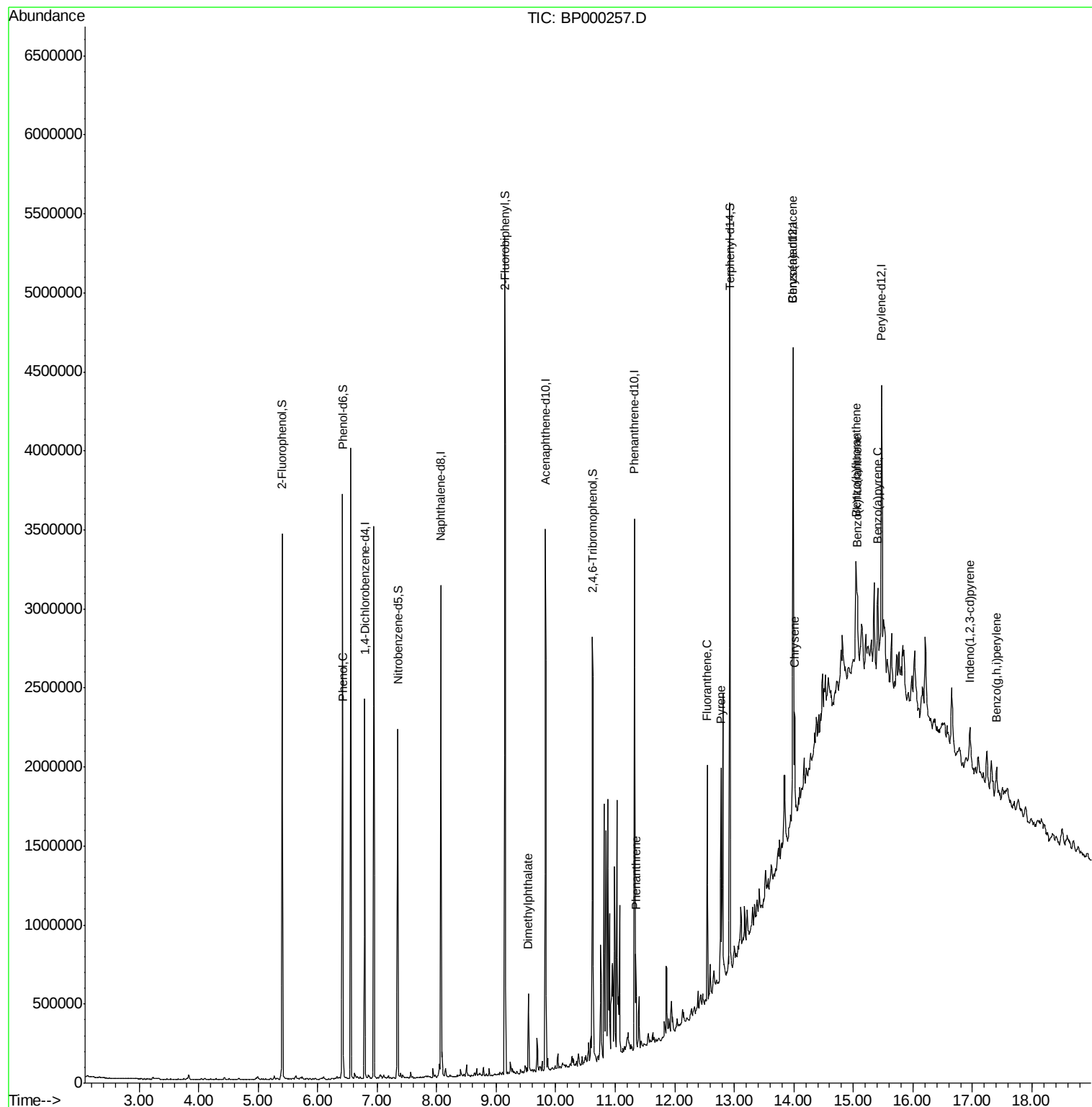
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000257.D
Acq On : 16 Sep 2019 23:37
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Misc :
ALS Vial : 19 Sample Multiplier: 1

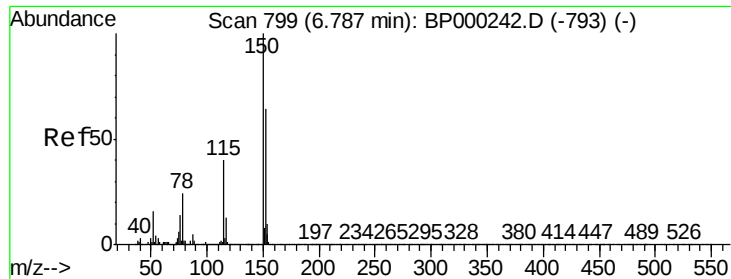
Instrument :
BNA_P
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COMP-29

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Quant Time: Sep 17 07:27:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration





#1

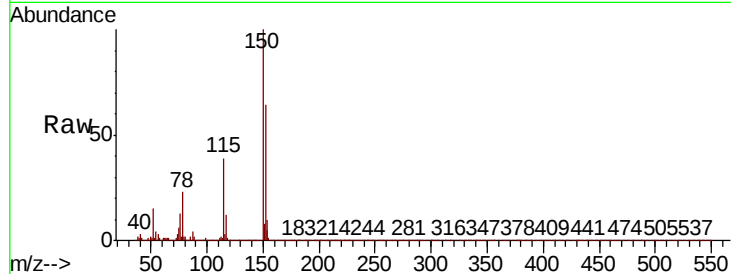
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :
COMP-29

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.2	187.8
115	60.3	49.7	74.5

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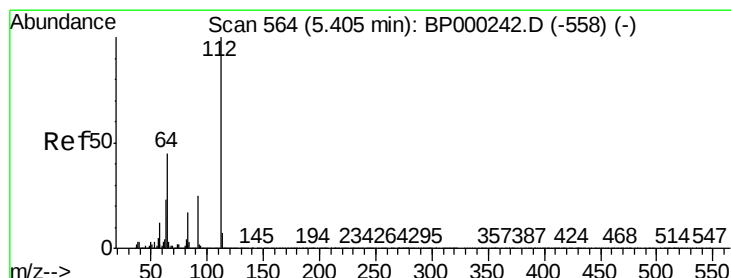
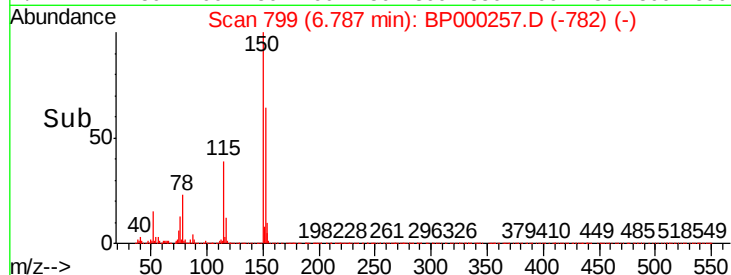
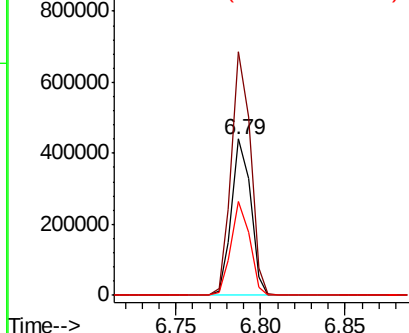


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

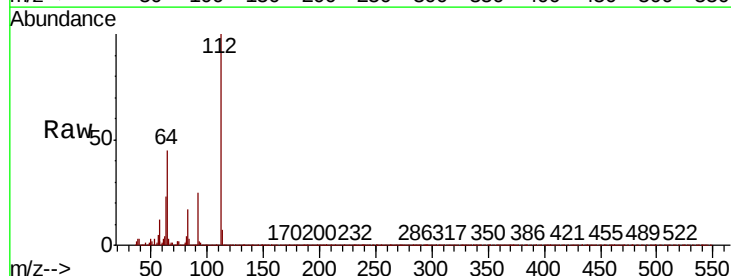
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.931 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	36.2	54.4
63	22.7	18.3	27.5

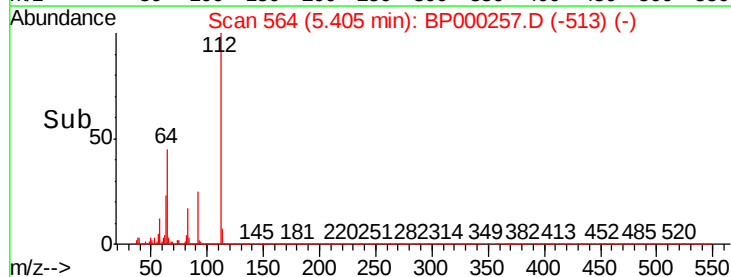
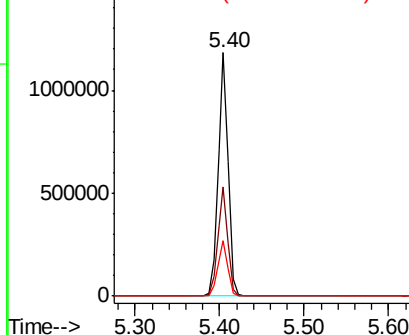


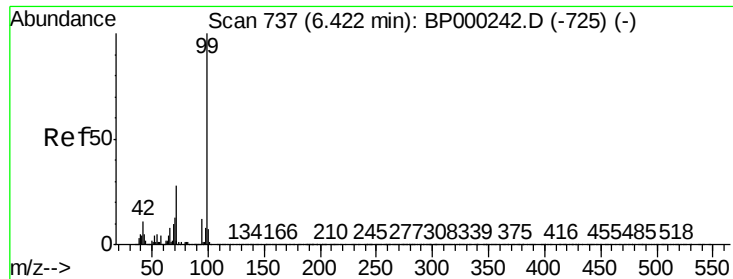
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 52.069 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000257.D

Acq: 16 Sep 2019 23:37

Instrument :

BNA_P

ClientSampleId :

COMP-29

Tot Ion: 99 Resp: 1285353

Ion Ratio Lower Upper

99 100

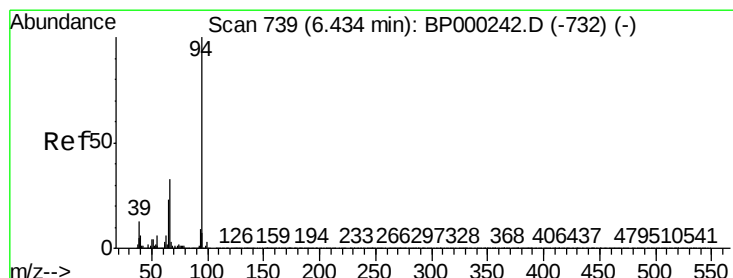
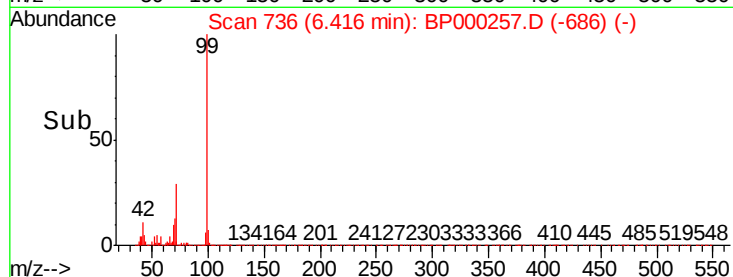
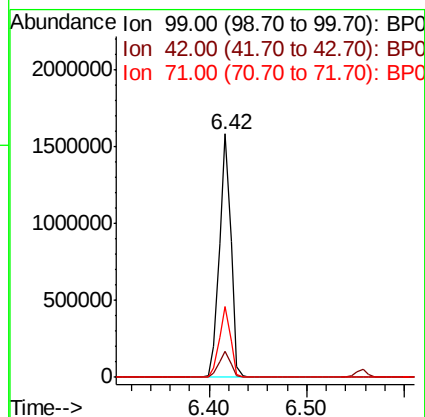
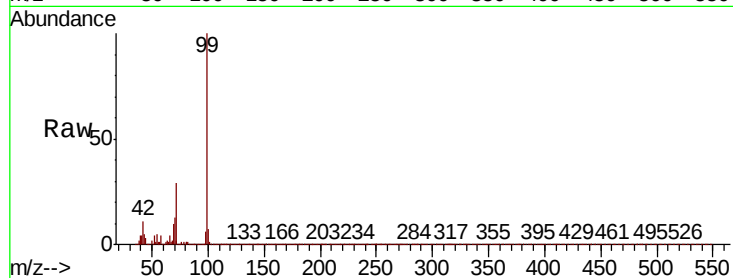
42 10.8 8.5 12.7

71 29.1 22.6 34.0

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#10

Phenol

Concen: 2.231 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BP000257.D

Acq: 16 Sep 2019 23:37

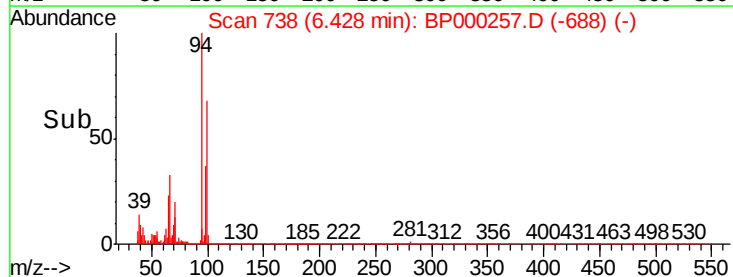
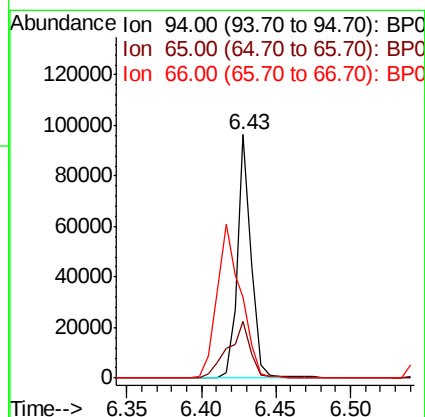
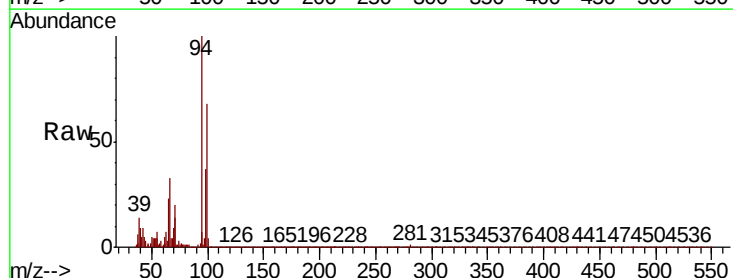
Tgt Ion: 94 Resp: 62586

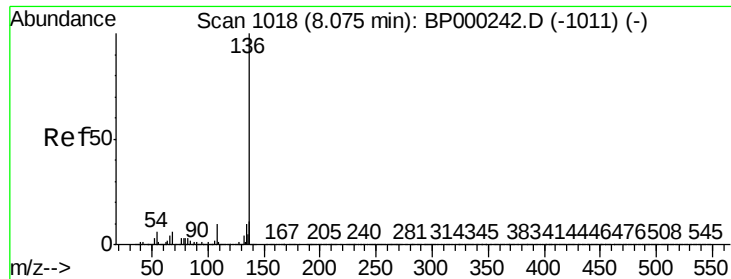
Ion Ratio Lower Upper

94 100

65 23.3 3.3 43.3

66 33.3 12.7 52.7





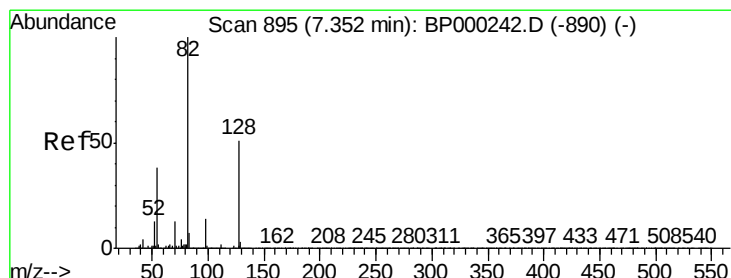
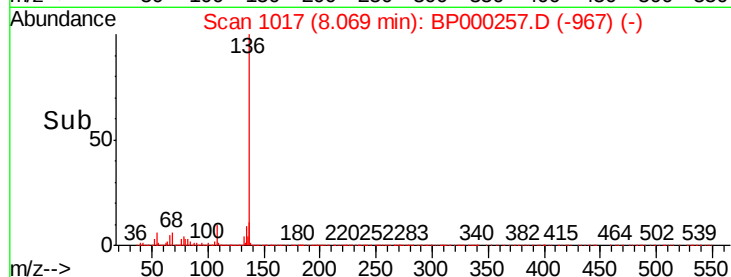
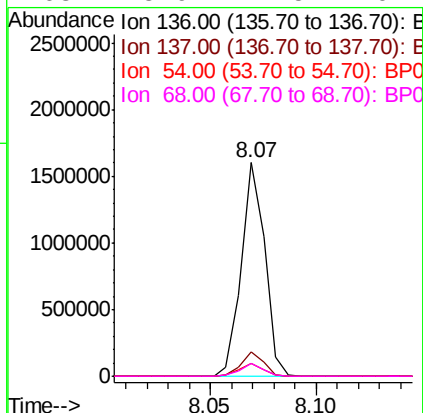
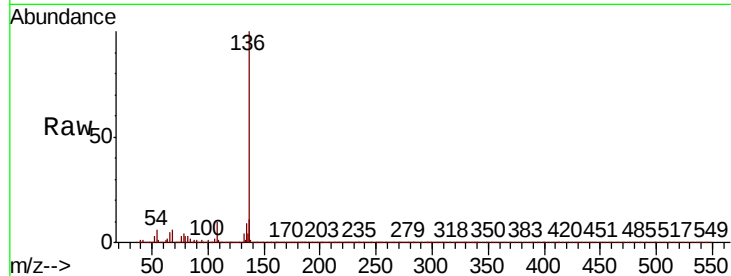
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleID :
COMP-29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1229334		
137	11.1	8.6	13.0		
54	5.8	4.5	6.7		
68	5.9	4.5	6.7		

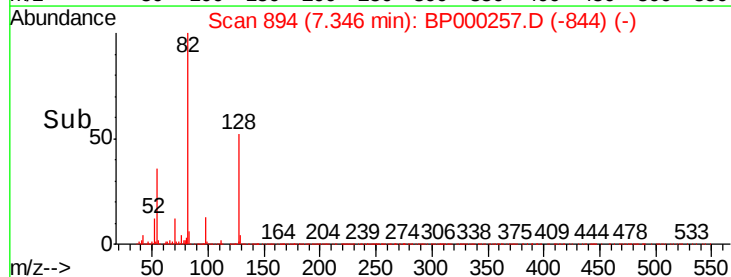
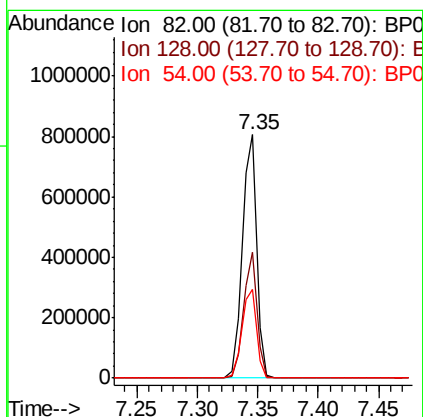
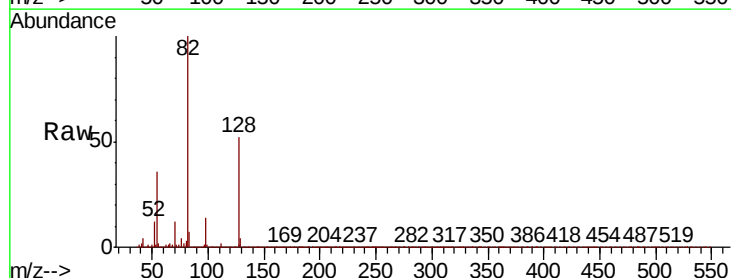
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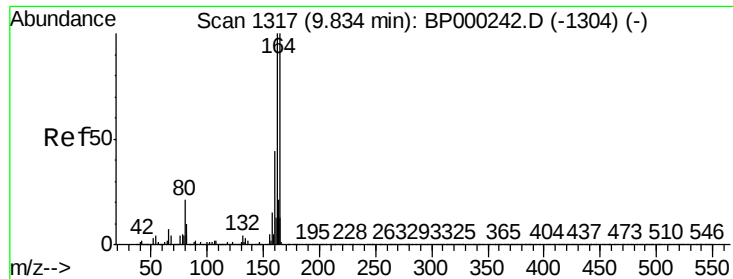
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#23
Nitrobenzene-d5
Concen: 35.029 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		667423		
128	51.6	40.7	61.1		
54	36.5	30.1	45.1		





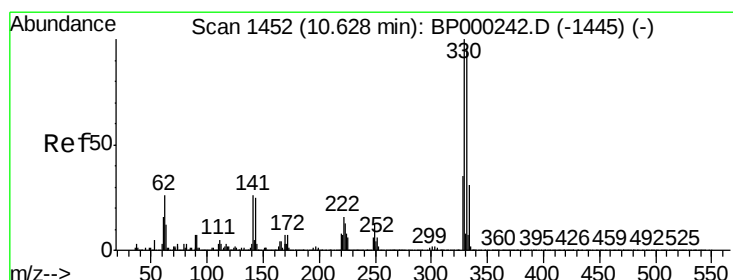
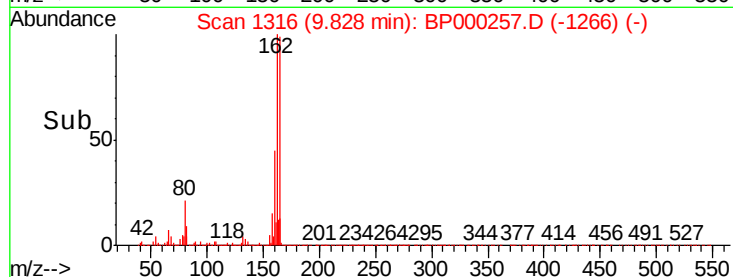
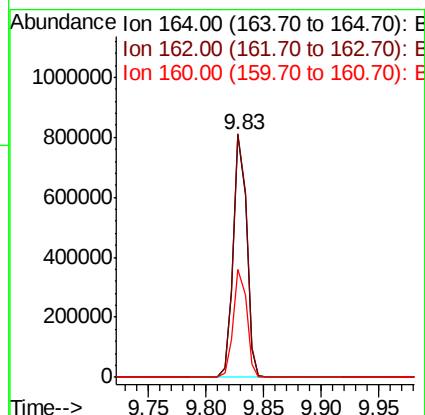
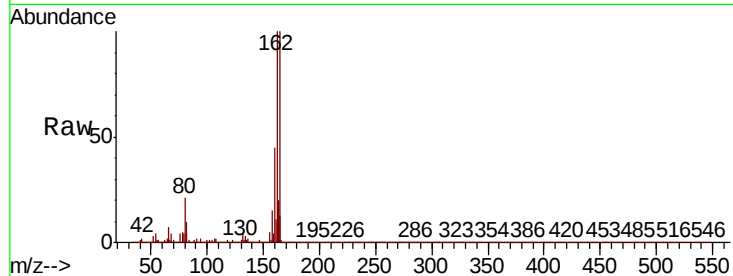
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :
COMP-29

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.5	79.9	119.9	
160	44.8	35.6	53.4	

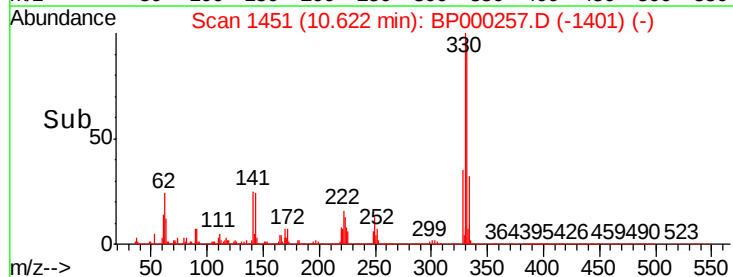
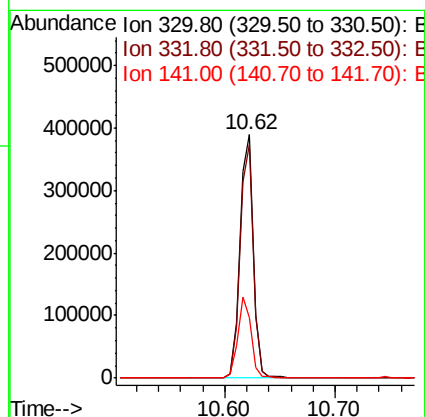
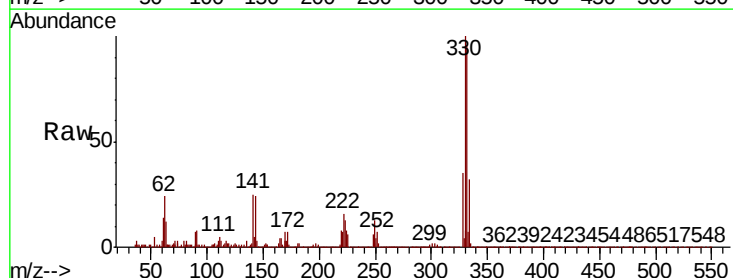
Manual Integrations
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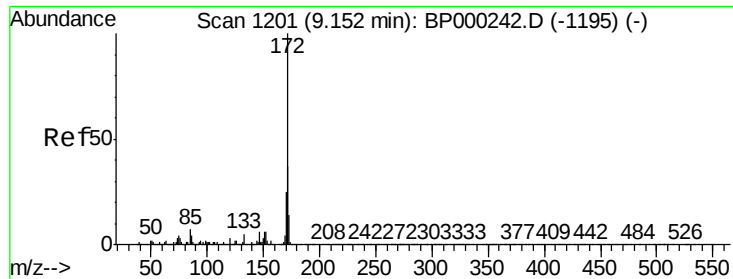
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#42
2,4,6-Tribromophenol
Concen: 51.692 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	76.6	115.0	
141	32.4	26.5	39.7	





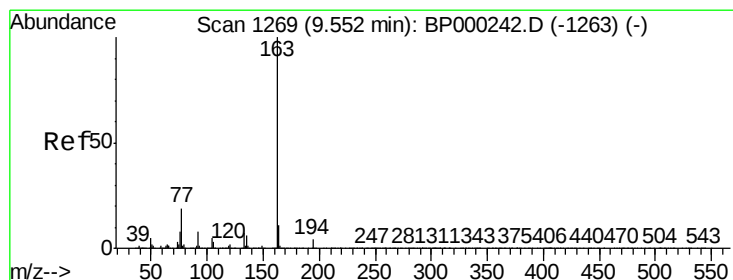
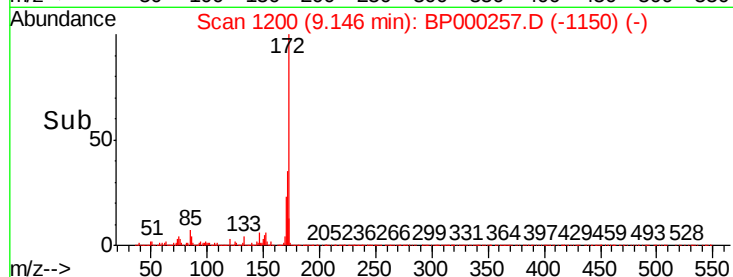
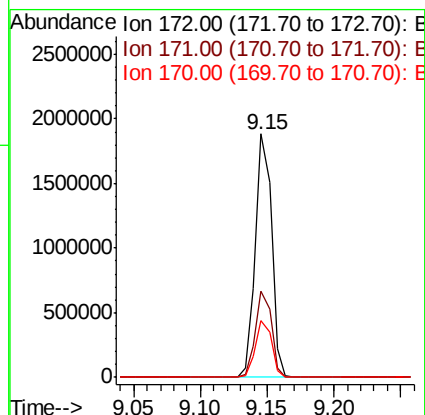
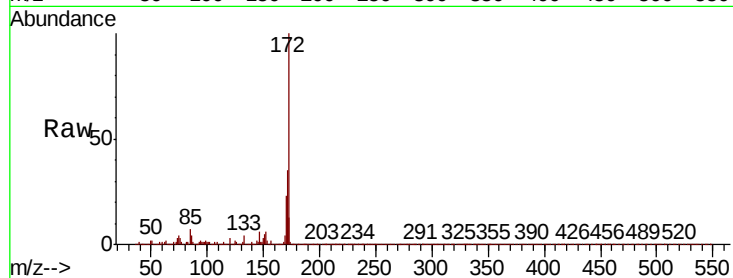
#45
2-Fluorobiphenyl
Concen: 43.155 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :
COMP-29

Tot Ion	Ion	Ratio	Lower	Upper
172	172	100		
171	171	35.4	29.8	44.6
170	170	23.2	19.8	29.6

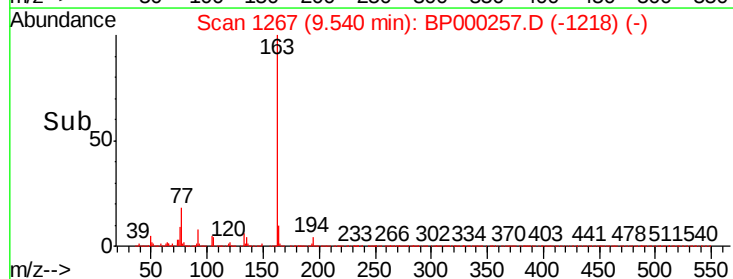
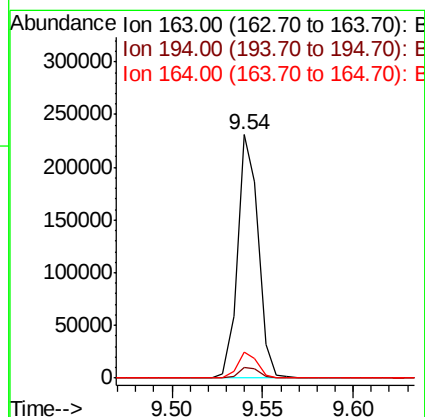
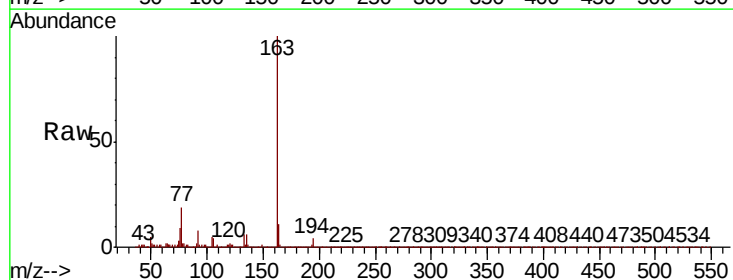
Manual Integrations
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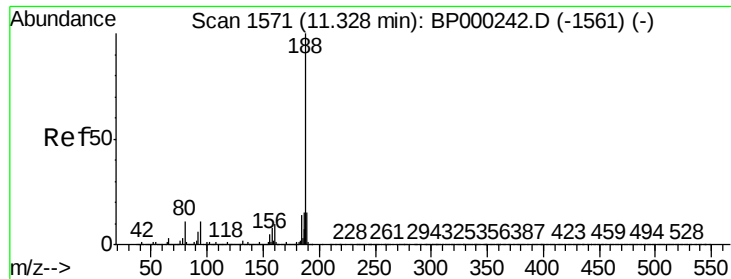
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#50
Dimethylphthalate
Concen: 4.116 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion	Ion	Ratio	Lower	Upper
163	163	100		
194	194	4.1	3.4	5.0
164	164	10.7	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000257.D

Acq: 16 Sep 2019 23:37

Instrument :

BNA_P

ClientSampleId :

COMP-29

Tot Ion:188 Resp: 1126207

Ion Ratio Lower Upper

188 100

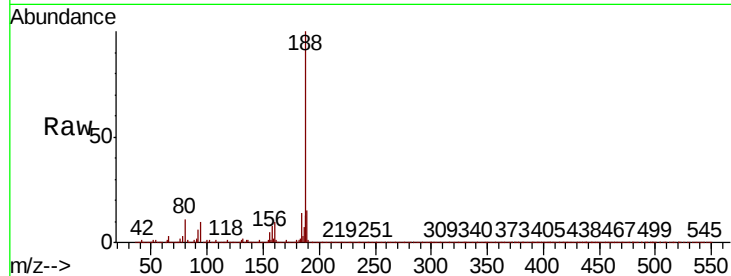
94 10.3 8.5 12.7

80 10.6 8.6 13.0

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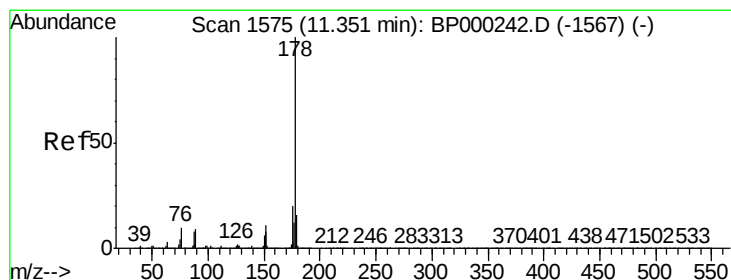
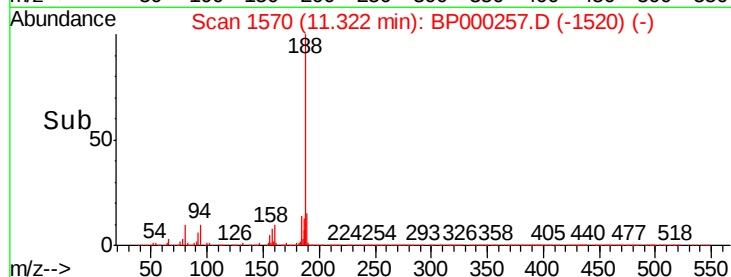
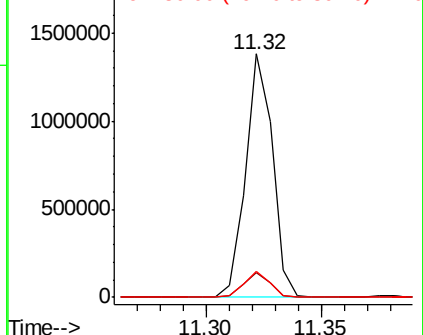
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#71

Phenanthrene

Concen: 3.505 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BP000257.D

Acq: 16 Sep 2019 23:37

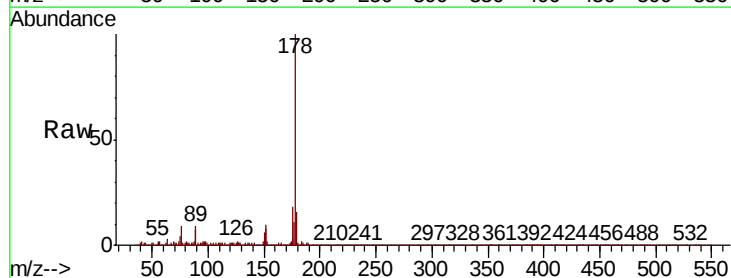
Tgt Ion:178 Resp: 197813

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.8

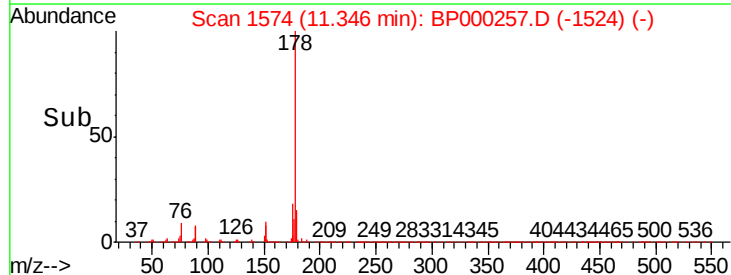
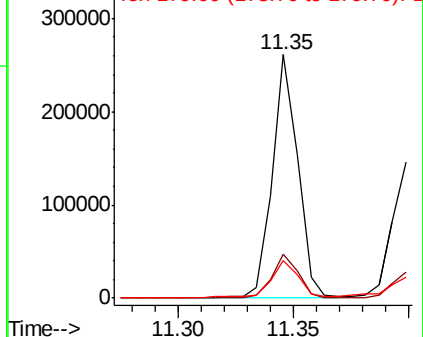
179 15.5 12.7 19.1

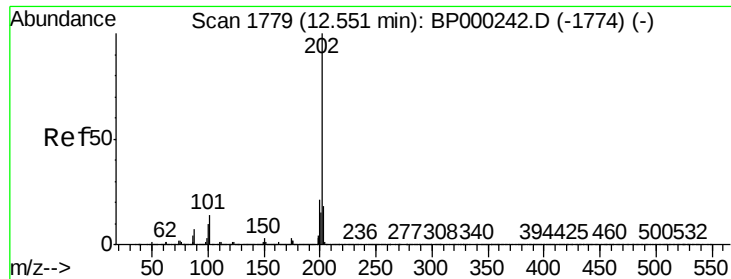


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 8.566 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BP000257.D

Acq: 16 Sep 2019 23:37

Instrument :

BNA_P

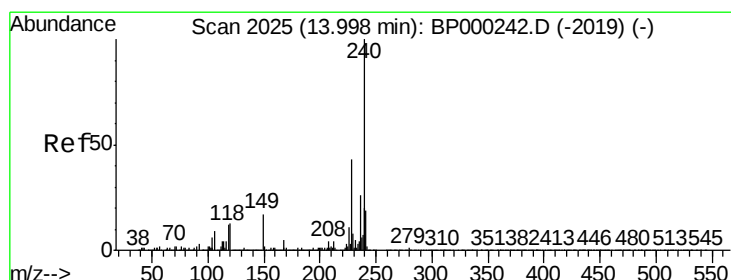
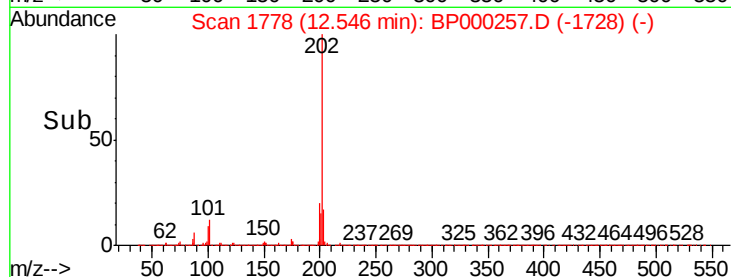
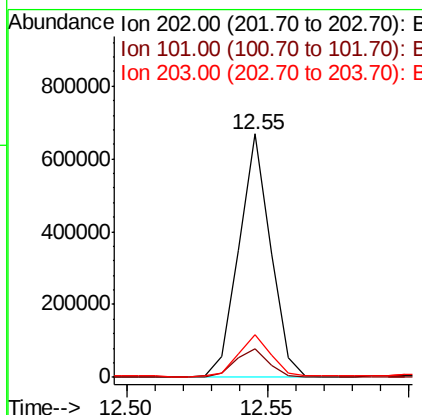
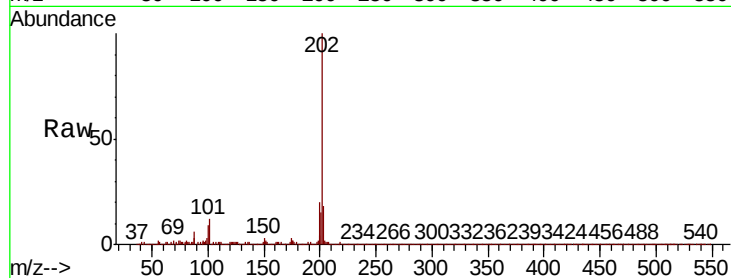
ClientSampled :

COMP-29

Tot Ion:	202	Resp:	519137
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	33.9
203	17.7	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

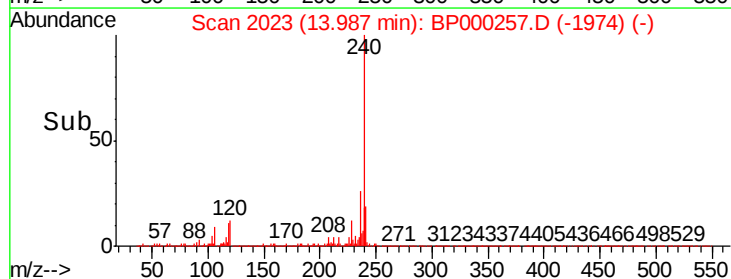
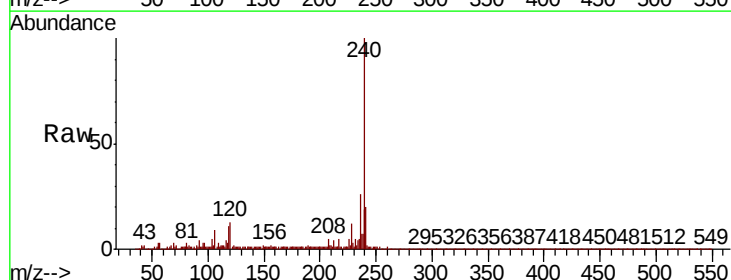
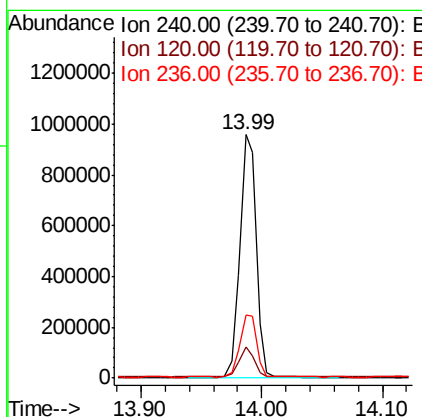
RT: 13.99 min Scan# 2023

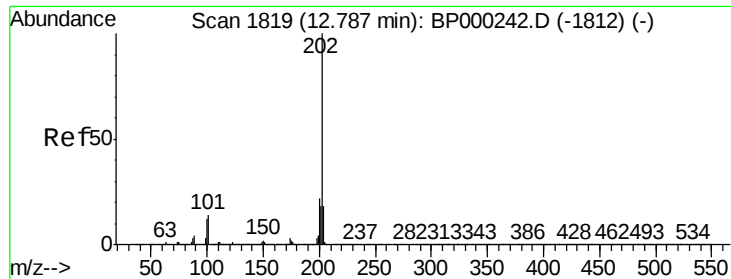
Delta R.T. -0.01 min

Lab File: BP000257.D

Acq: 16 Sep 2019 23:37

Tgt Ion:	240	Resp:	902364
Ion Ratio	Lower	Upper	
240	100		
120	12.6	10.4	15.6
236	26.1	21.0	31.6





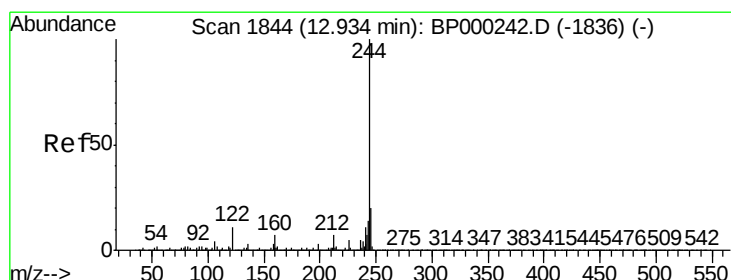
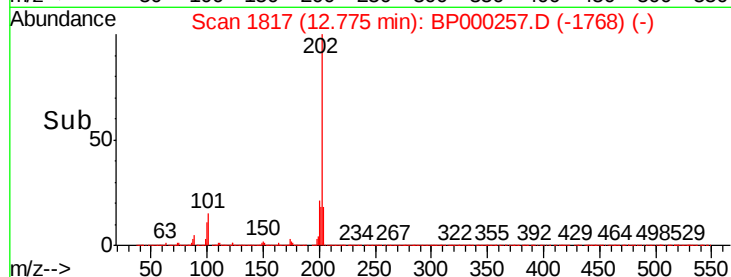
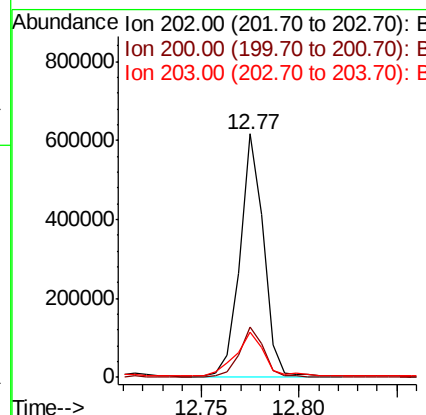
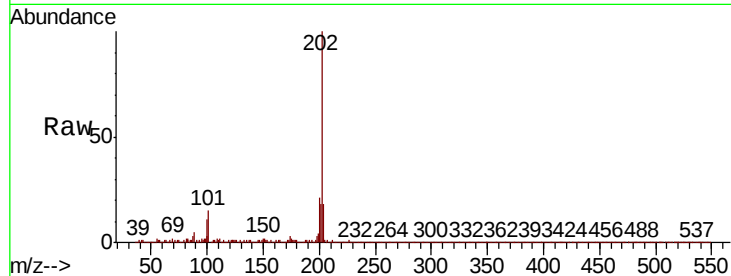
#78
Pvrene
Concen: 7.592 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :
COMP-29

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	17.5	26.3
203	18.5	14.3	21.5

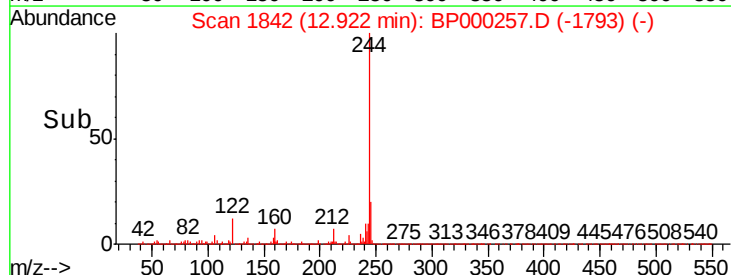
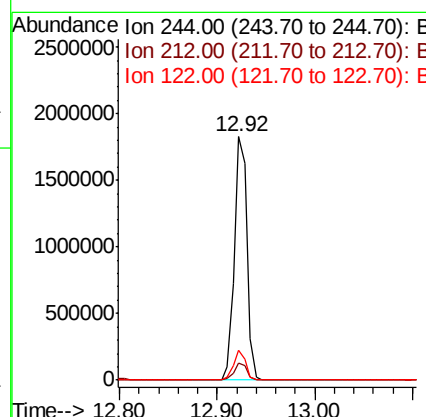
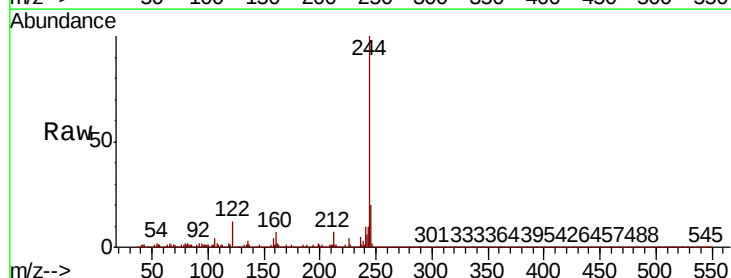
Manual Integrations
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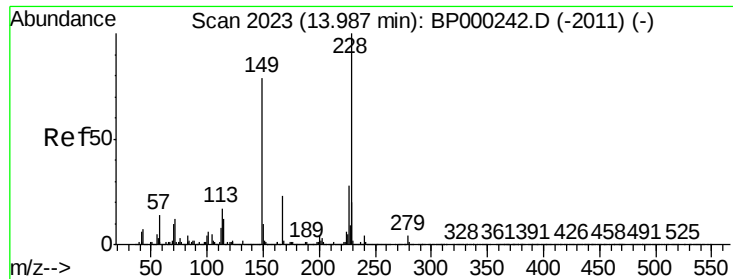
mohammad
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#79
Terphenyl-d14
Concen: 38.046 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.1	9.0	13.4





#81

Benzo(a)anthracene

Concen: 5.249 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000257.D

Acq: 16 Sep 2019 23:37

Instrument :

BNA_P

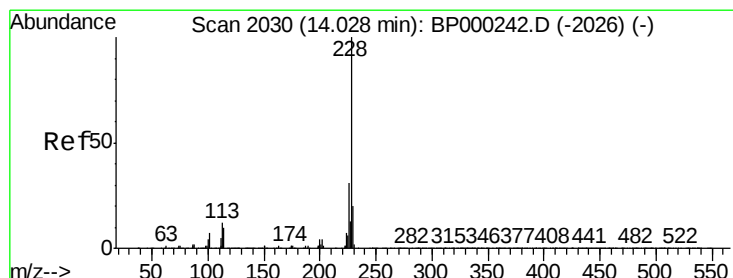
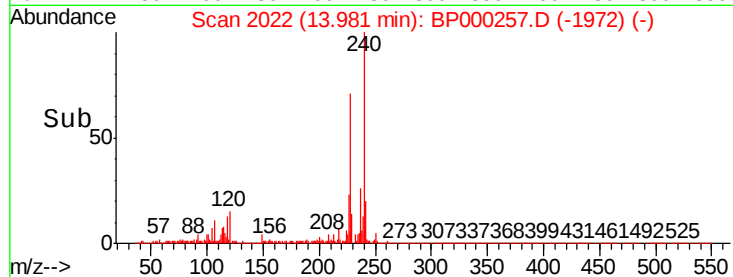
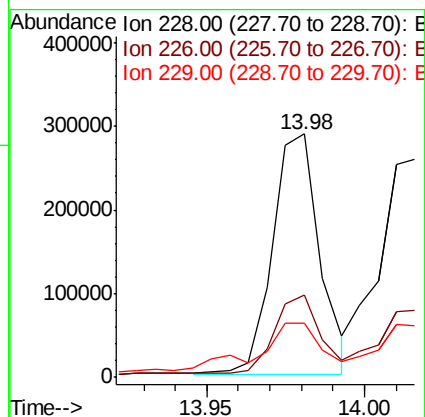
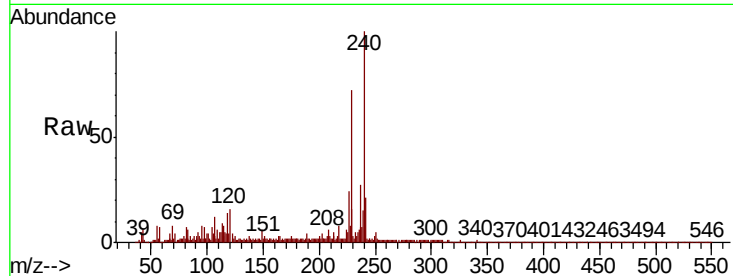
ClientSampleId :

COMP-29

Tot Ion:	228	Resp:	299221
Ion Ratio	Lower	Upper	
228	100		
226	33.7	22.2	33.4#
229	22.4	16.0	24.0

Manual Integrations
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#83

Chrysene

Concen: 4.983 ng

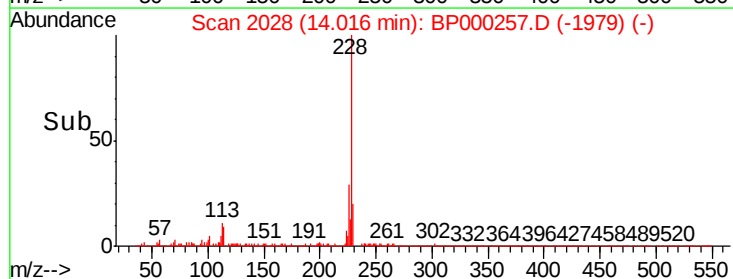
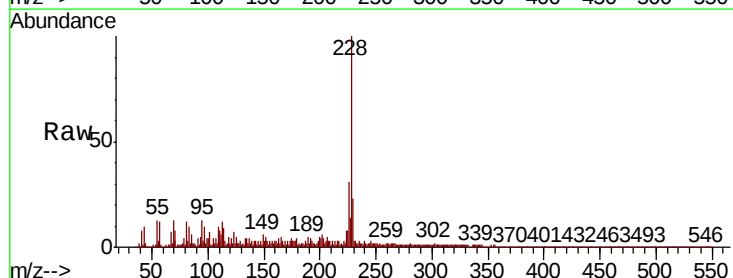
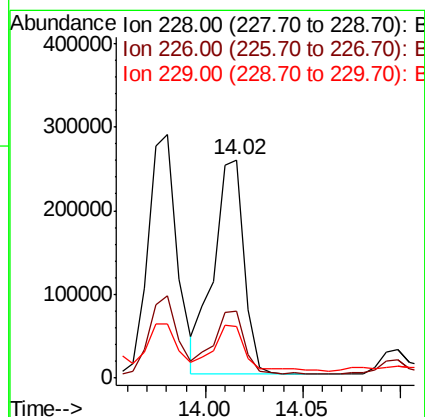
RT: 14.02 min Scan# 2028

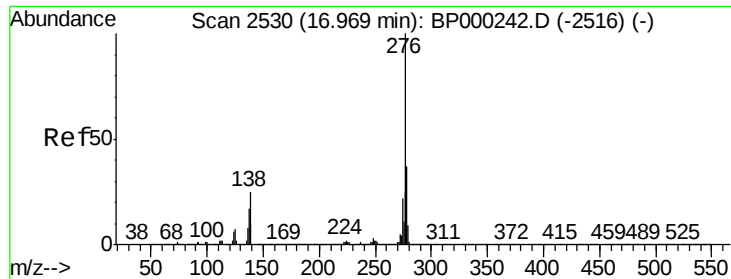
Delta R.T. -0.01 min

Lab File: BP000257.D

Acq: 16 Sep 2019 23:37

Tgt Ion:	228	Resp:	278876
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.9	37.3
229	23.4	16.2	24.2





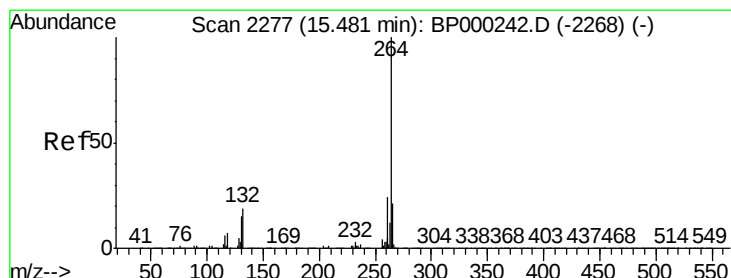
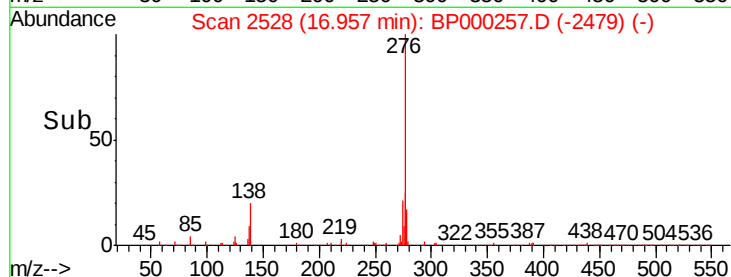
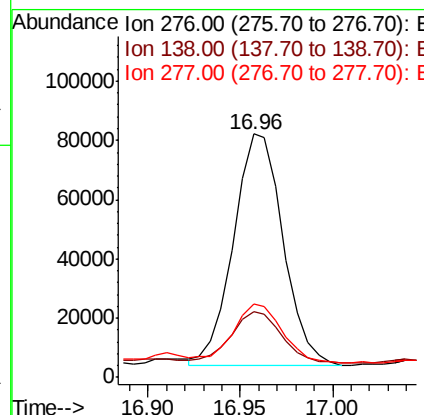
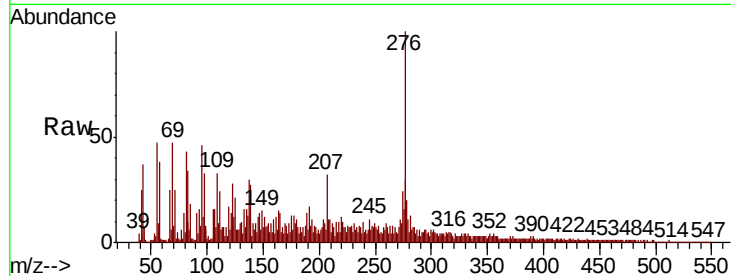
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.154 ng/ml
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampled :
COMP-29

Tot Ion	Ratio	Resp	Lower	Upper
276	100	146964		
138	5.0	22.6	33.8#	
277	5.5	20.4	30.6#	

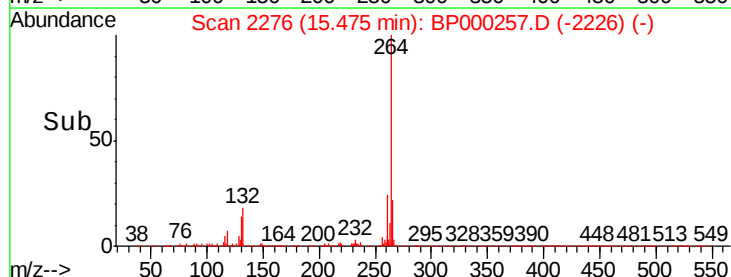
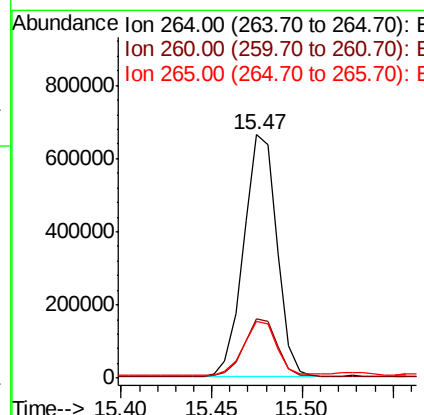
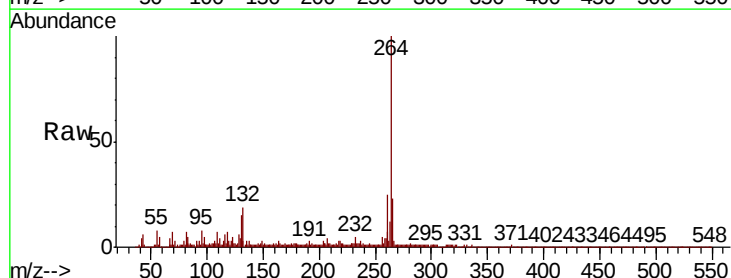
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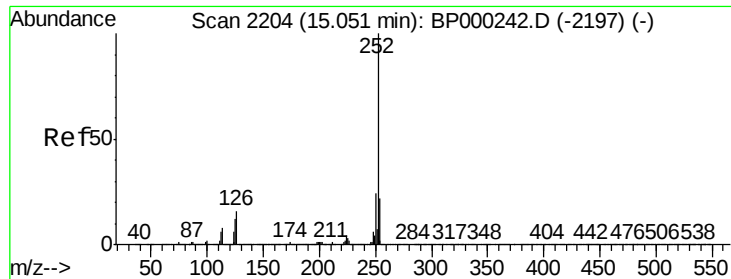
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	838402		
260	24.5	18.9	28.3	
265	23.3	17.2	25.8	





#88

Benzo(b)fluoranthene

Concen: 6.896 ng m

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BP000257.D

Acq: 16 Sep 2019 23:37

Instrument :

BNA_P

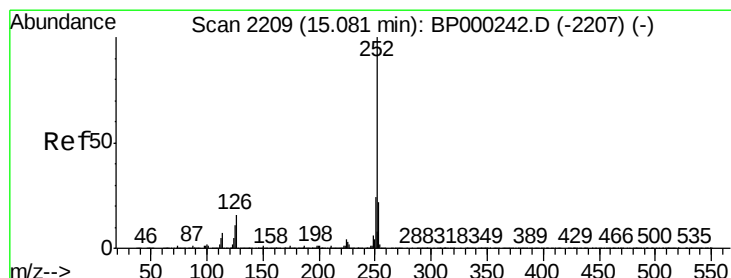
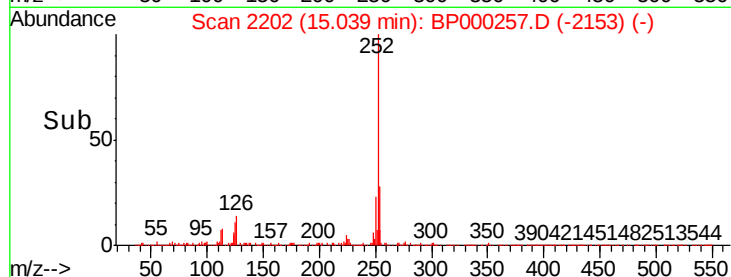
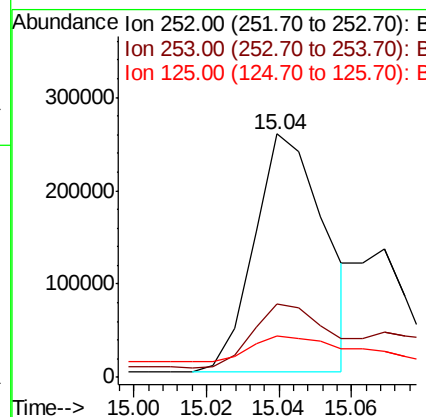
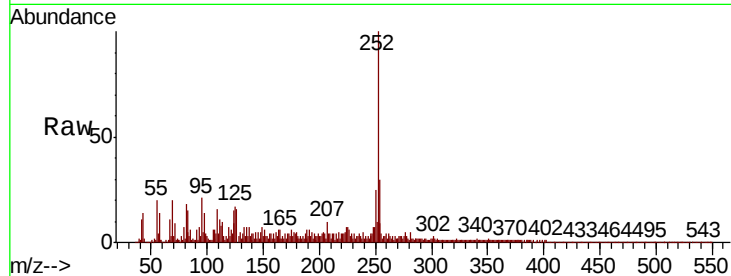
ClientSampleId :

COMP-29

Tot Ion:	252	Resp:	344897
Ion Ratio	Lower	Upper	
252	100		
253	30.2	17.8	26.6#
125	16.8	9.5	14.3#

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#89

Benzo(k)fluoranthene

Concen: 2.735 ng m

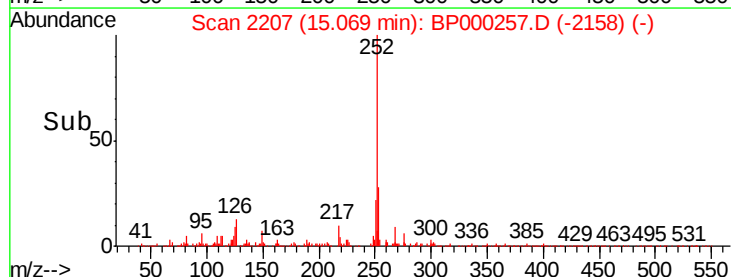
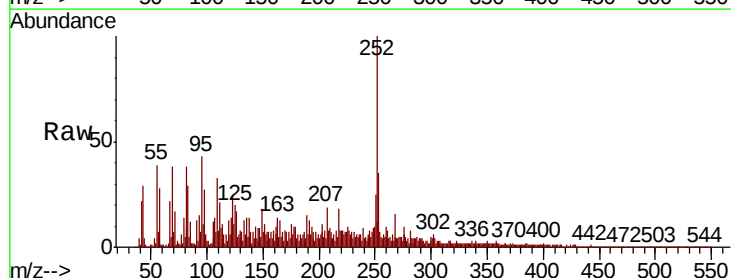
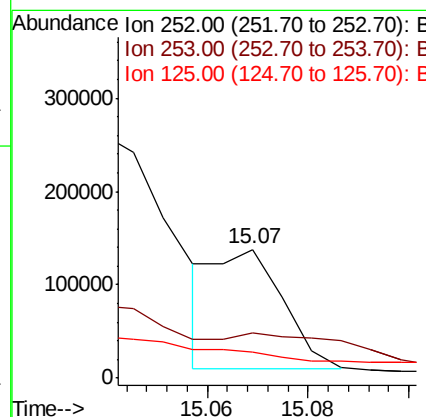
RT: 15.07 min Scan# 2207

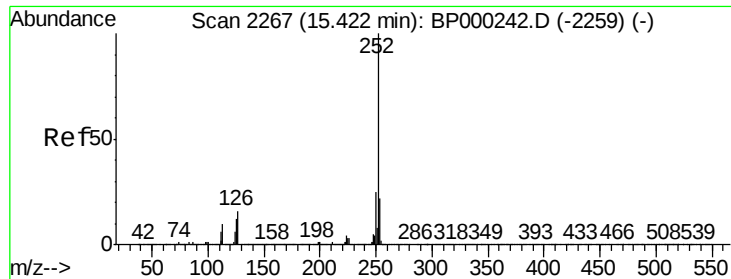
Delta R.T. -0.01 min

Lab File: BP000257.D

Acq: 16 Sep 2019 23:37

Tgt Ion:	252	Resp:	119308
Ion Ratio	Lower	Upper	
252	100		
253	35.2	17.8	26.8#
125	20.4	9.6	14.4#





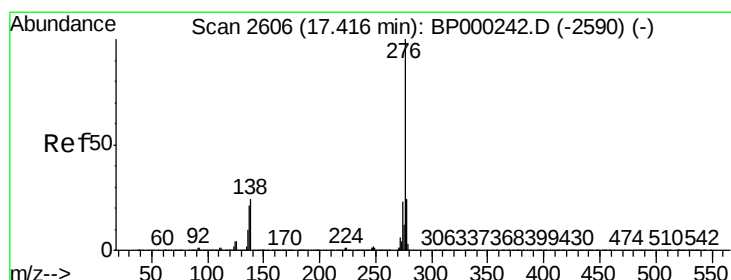
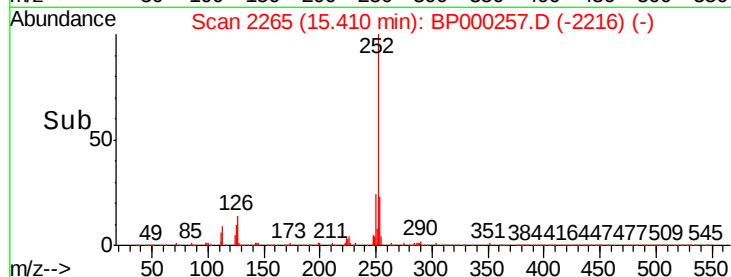
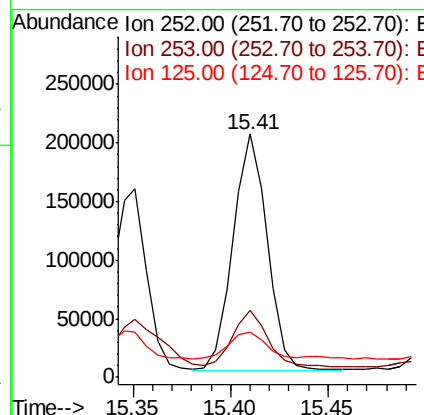
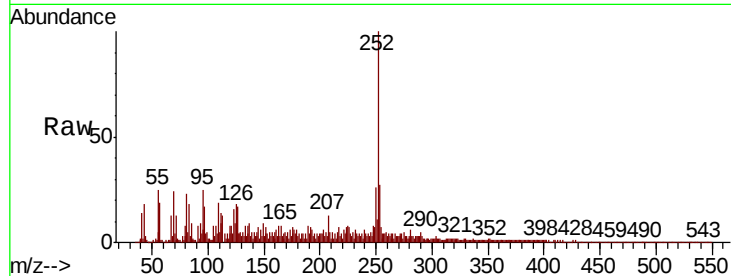
#90
Benzo(a)pyrene
Concen: 5.383 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampled :
COMP-29

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.7	26.5#
125	18.3	10.0	15.0#

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#92
Benzo(g,h,i)perylene
Concen: 3.225 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.1	28.7
138	26.6	19.5	29.3

