

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
 Data File : BP000264.D
 Acq On : 17 Sep 2019 11:47
 Operator : HP/JU
 Sample : K4889-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMP

Manual Integrations
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mohammad
 9/19/2019 4:45:50 PM

Quant Time: Sep 18 09:23:50 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	341943	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1200409	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	666238	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1062418	20.00	ng	0.00
76) Chrysene-d12	14.00	240	810607	20.00	ng	0.00
87) Perylene-d12	15.48	264	875152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1923663	97.12	ng	0.00
7) Phenol-d6	6.42	99	2438613	100.44	ng	0.00
23) Nitrobenzene-d5	7.35	82	1296374	69.68	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	683661	103.46	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2686339	72.57	ng	0.00
79) Terphenyl-d14	12.93	244	2545756	65.88	ng	0.00
Target Compounds						
10) Phenol	6.43	94	82311	2.984	ng	99
49) Acenaphthylene	9.69	152	819746	14.105	ng	99
50) Dimethylphthalate	9.55	163	260983	5.750	ng	# 88
59) 2,3,4,6-Tetrachlorophenol	10.16	232	101424	9.132	ng	97
70) Pentachlorophenol	11.15	266	2016594	281.909	ng	99
71) Phenanthrene	11.35	178	260365	4.890	ng	97
72) Anthracene	11.40	178	282700	5.159	ng	98
75) Fluoranthene	12.55	202	609939	10.669	ng	97
78) Pyrene	12.79	202	1280518	21.114	ng	99
81) Benzo(a)anthracene	13.99	228	576217m	11.253	ng	
83) Chrysene	14.02	228	588222	11.700	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	77090	2.304	ng	91
86) Indeno(1,2,3-cd)pyrene	16.96	276	459362m	7.496	ng	
88) Benzo(b)fluoranthene	15.05	252	851926m	16.318	ng	
89) Benzo(k)fluoranthene	15.07	252	231638m	5.086	ng	
90) Benzo(a)pyrene	15.42	252	592510	12.473	ng	# 95
91) Dibenzo(a,h)anthracene	16.97	278	117930	2.663	ng	# 87
92) Benzo(g,h,i)perylene	17.40	276	538252	11.823	ng	98

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

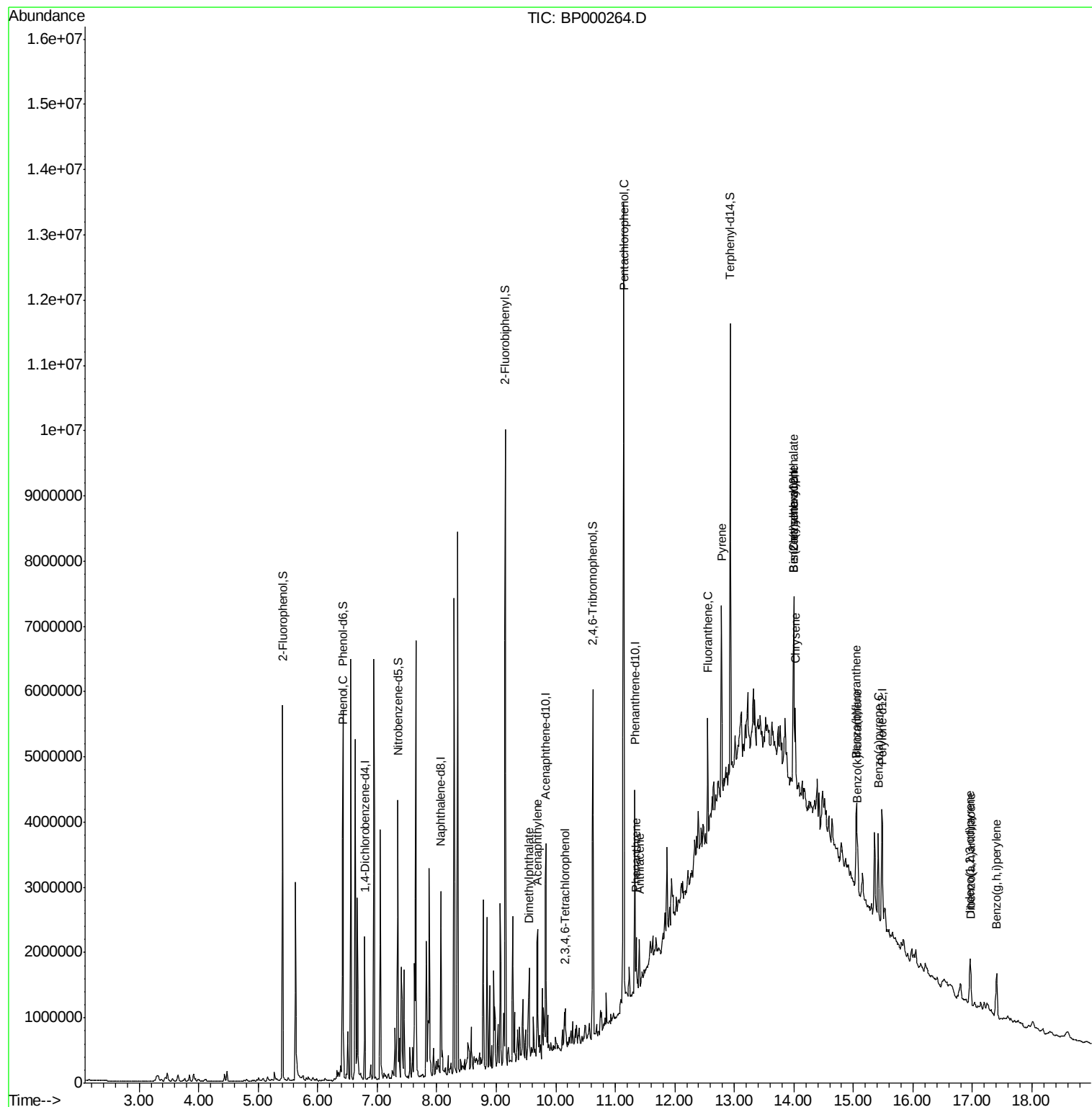
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
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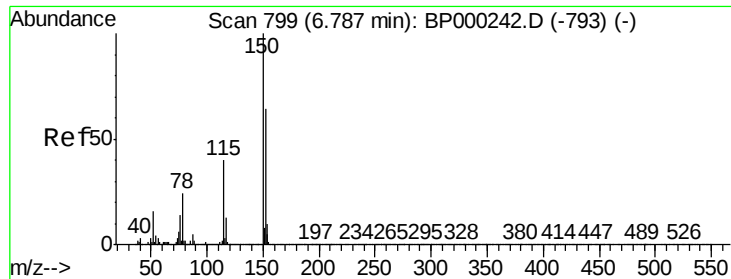
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Quant Time: Sep 18 09:23:50 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

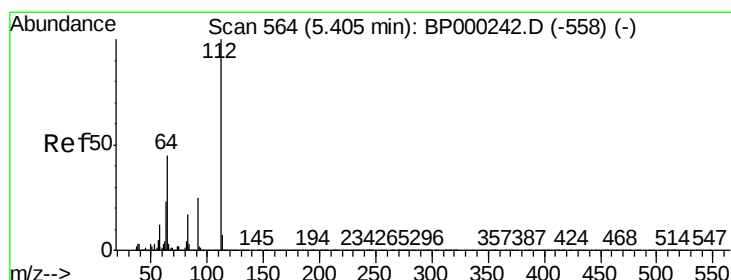
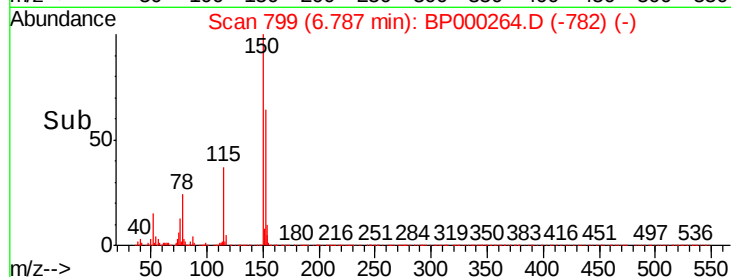
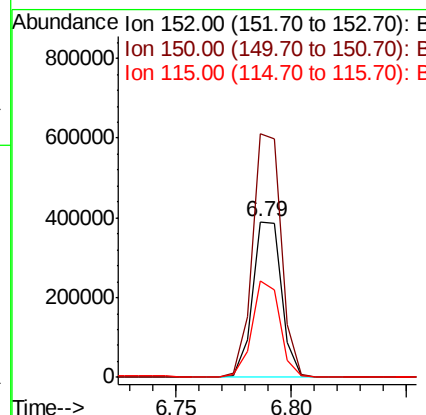
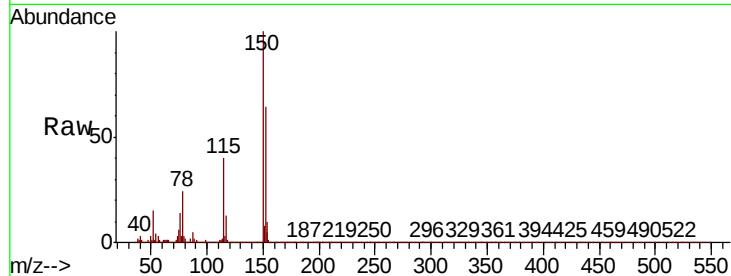
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.2	187.8
115	62.2	49.7	74.5

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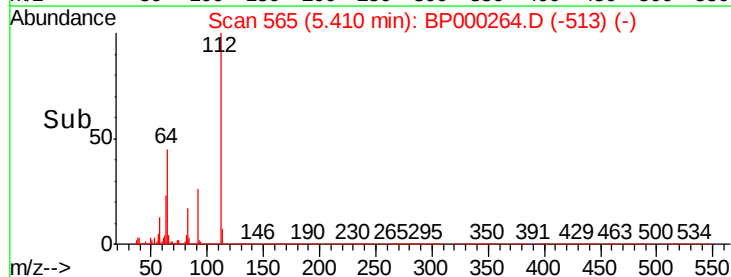
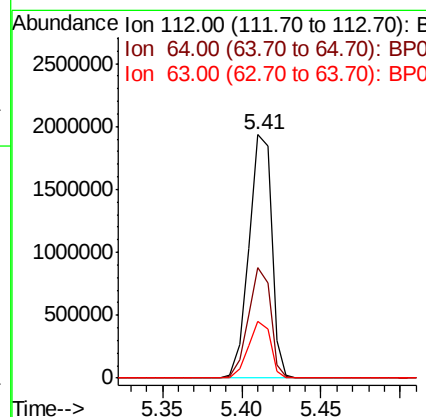
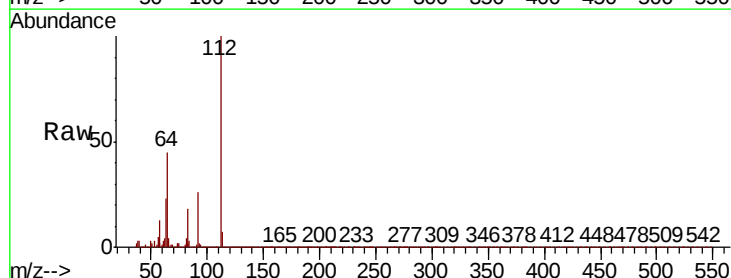
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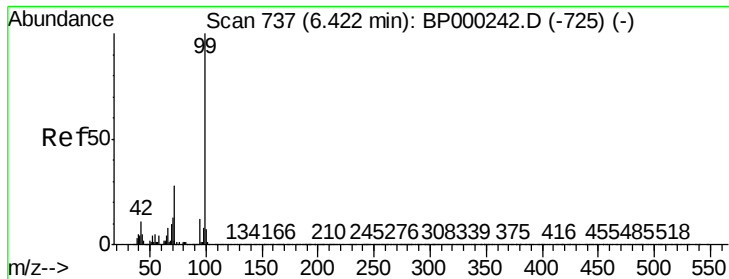


#5

2-Fluorophenol
Concen: 97.119 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.4	36.2	54.4
63	23.2	18.3	27.5





#7

Phenol-d6

Concen: 100.439 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000264.D

Acq: 17 Sep 2019 11:47

Instrument :

BNA_P

ClientSampleId :

DRUM-COMP

Tot Ion: 99 Resp: 2438613

Ion Ratio Lower Upper

99 100

42 11.2 8.5 12.7

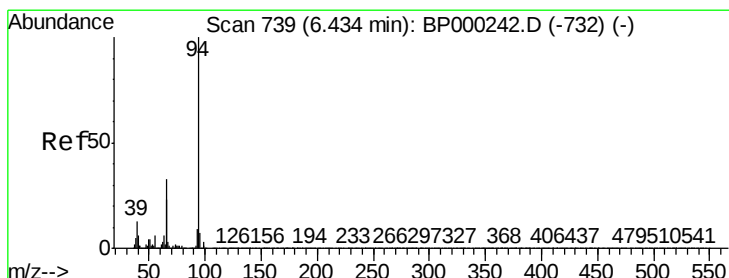
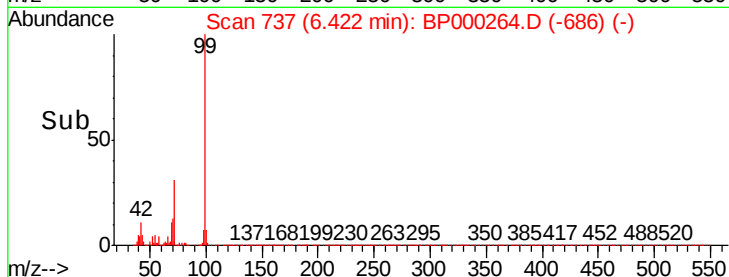
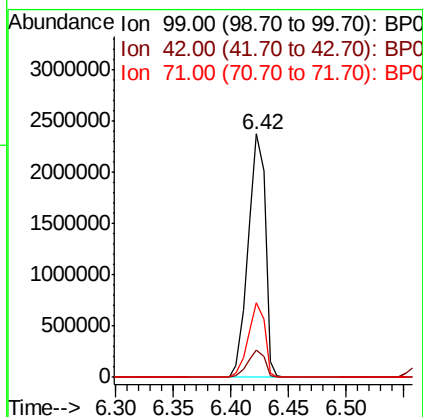
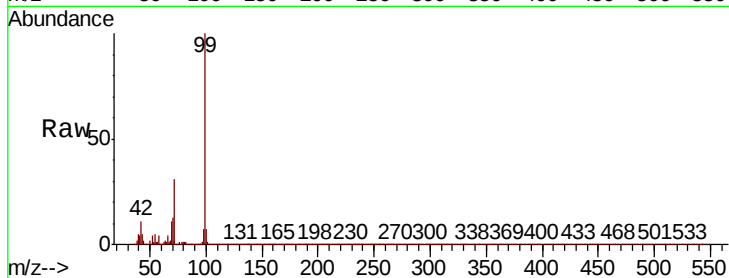
71 30.6 22.6 34.0

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#10

Phenol

Concen: 2.984 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000264.D

Acq: 17 Sep 2019 11:47

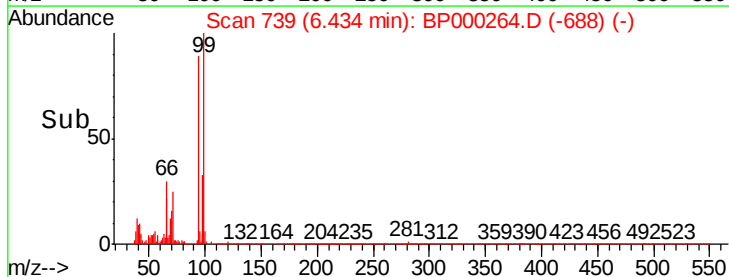
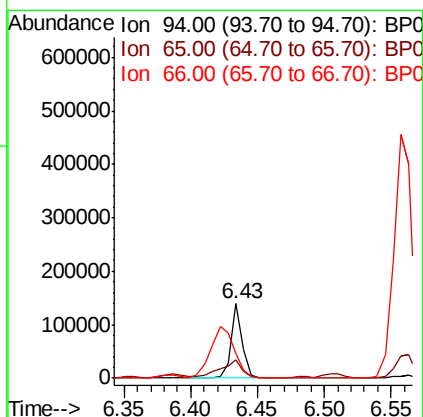
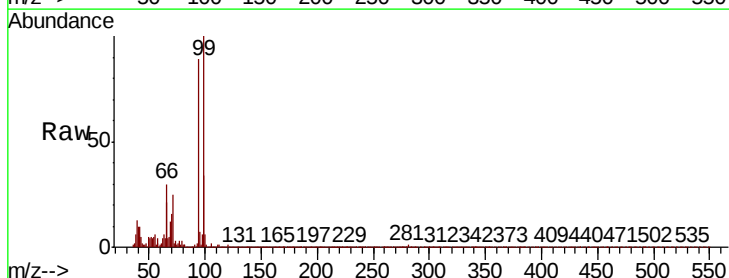
Tgt Ion: 94 Resp: 82311

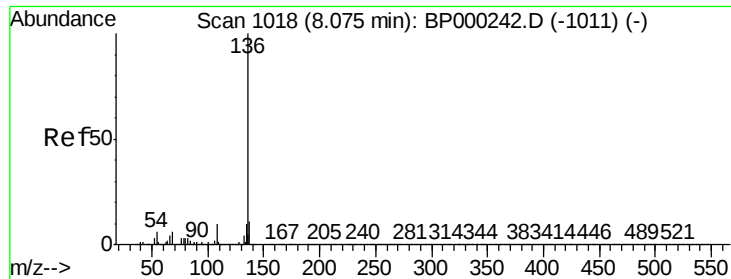
Ion Ratio Lower Upper

94 100

65 23.8 3.3 43.3

66 33.5 12.7 52.7





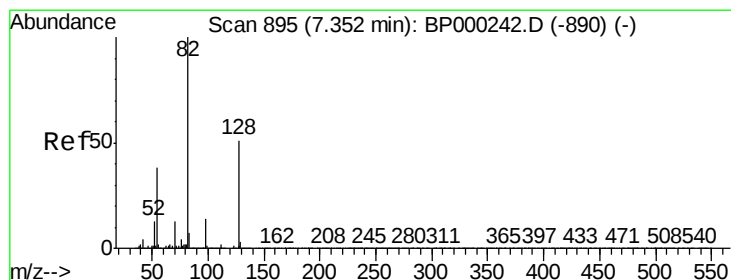
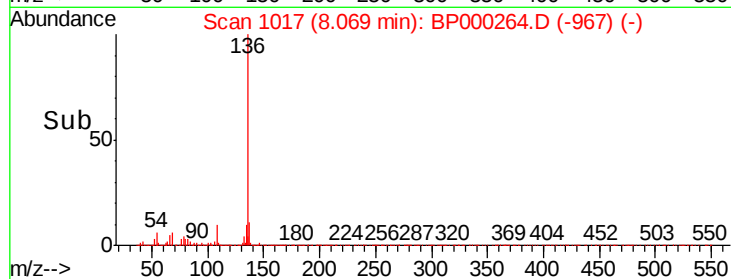
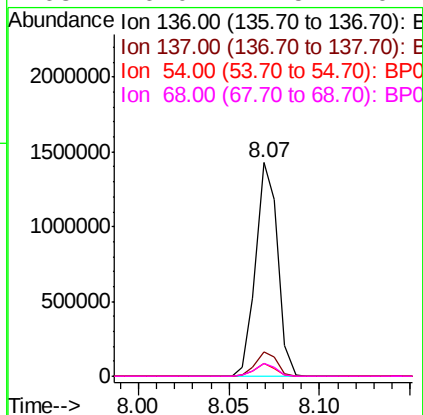
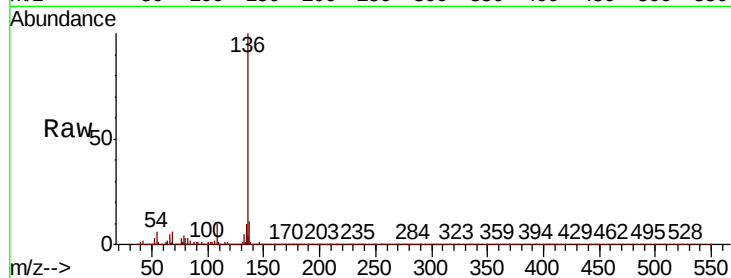
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.3	8.6	13.0		
54	6.0	4.5	6.7		
68	6.0	4.5	6.7		

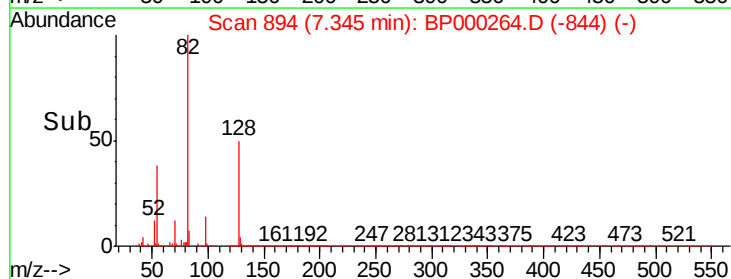
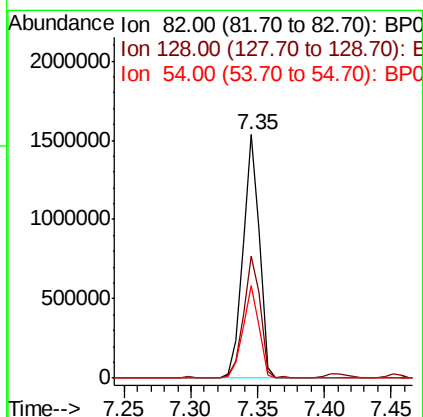
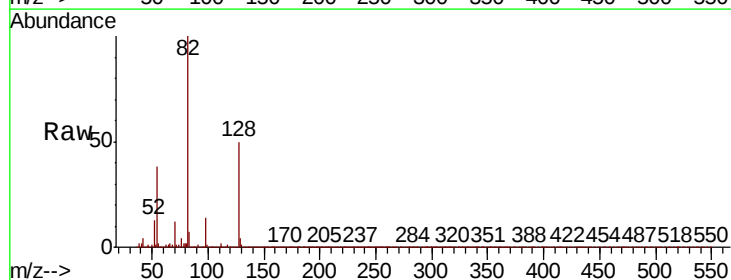
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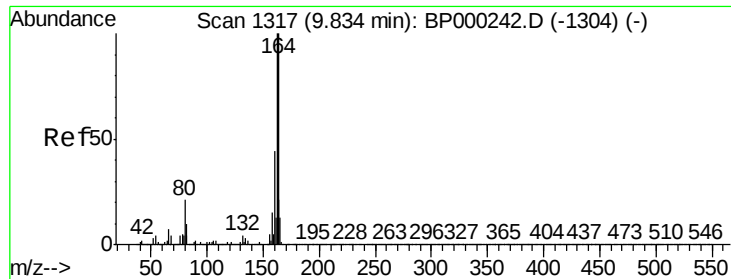
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#23
Nitrobenzene-d5
Concen: 69.677 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	50.1	40.7	61.1		
54	38.1	30.1	45.1		





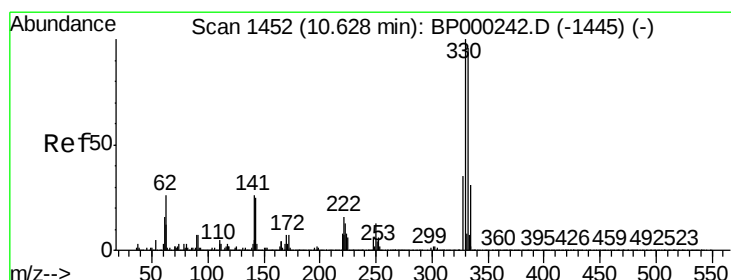
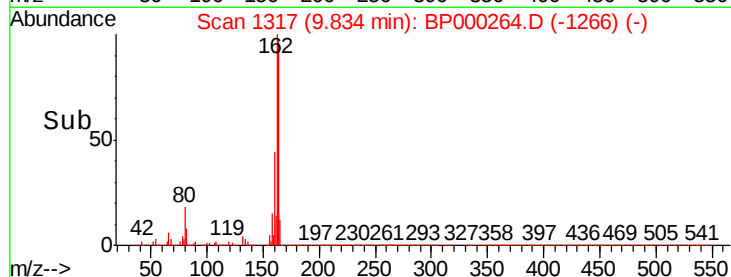
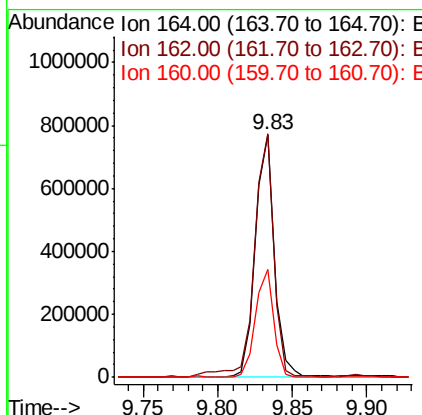
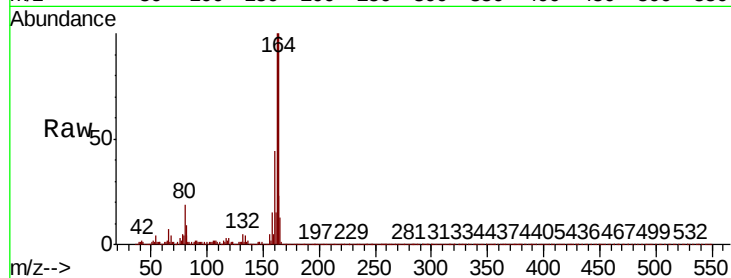
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.9	119.9
160	44.3	35.6	53.4

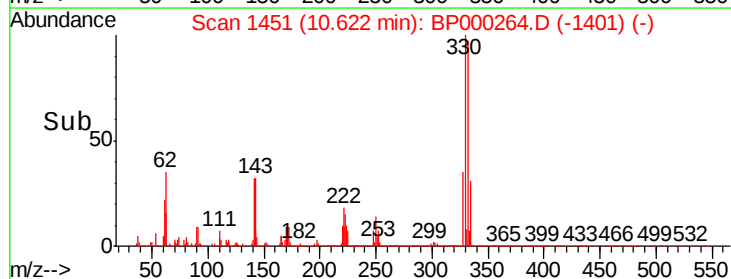
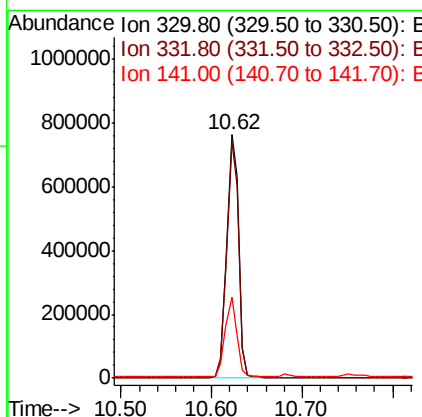
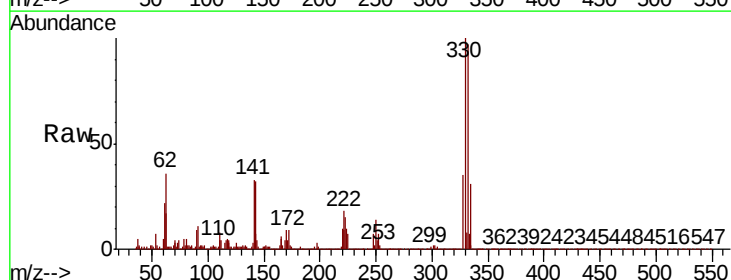
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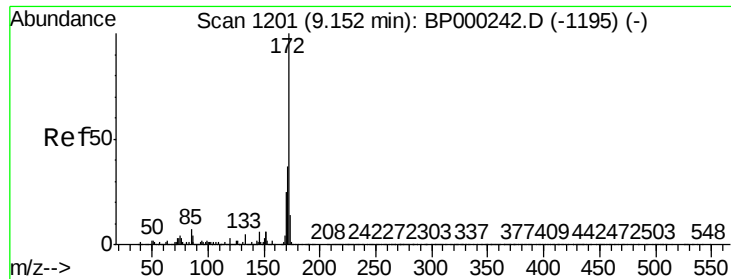
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#42
2,4,6-Tribromophenol
Concen: 103.457 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	31.5	26.5	39.7





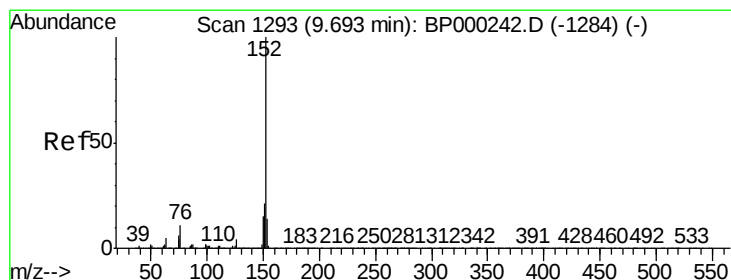
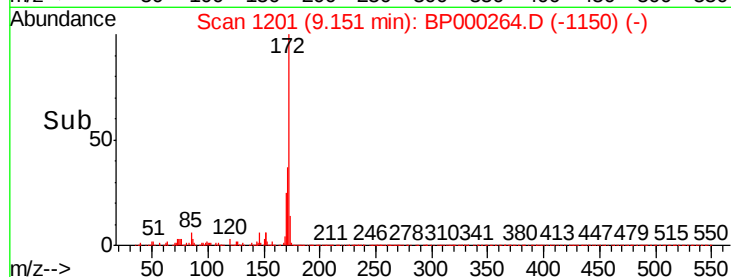
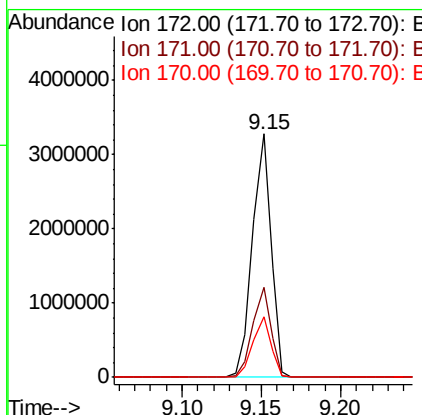
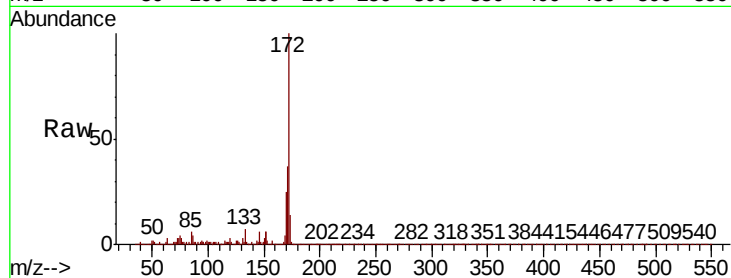
#45
2-Fluorobiphenyl
Concen: 72.570 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	24.6	19.8	29.6

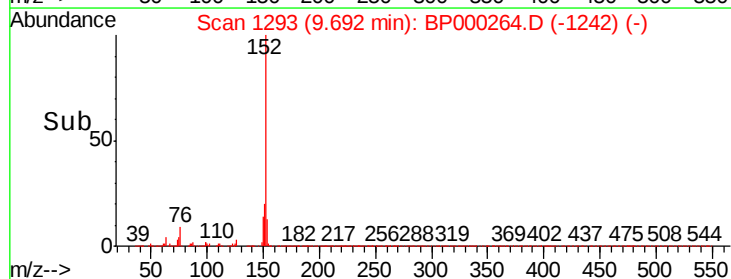
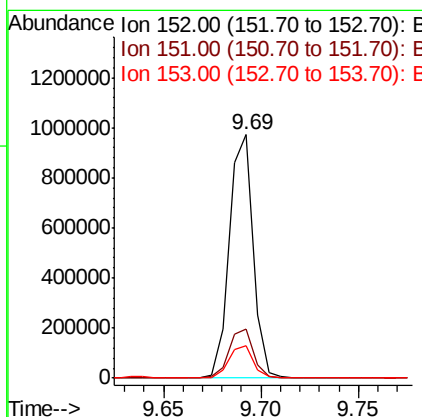
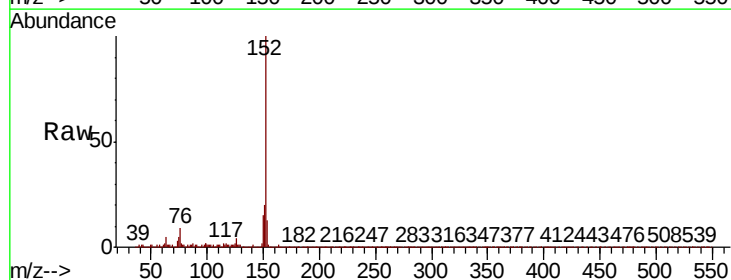
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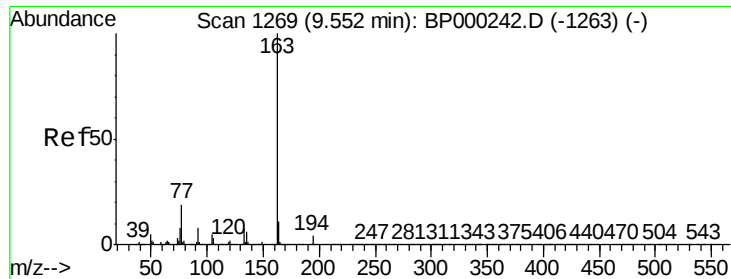
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#49
Acenaphthylene
Concen: 14.105 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	13.2	11.0	16.4





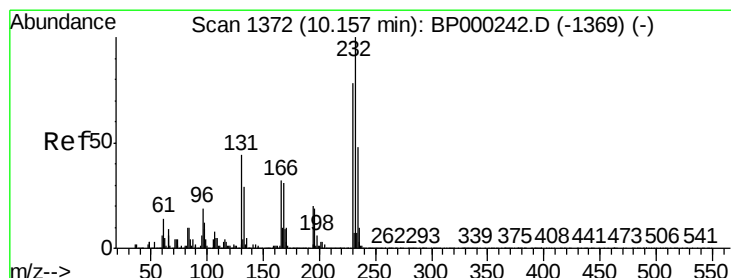
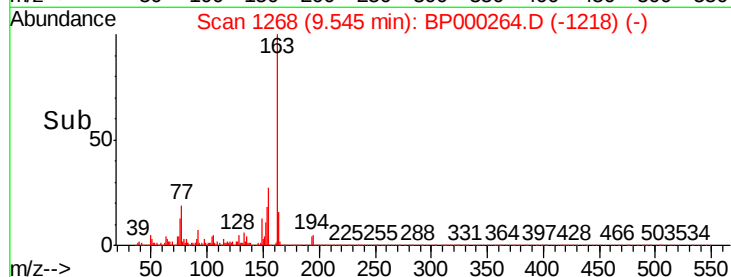
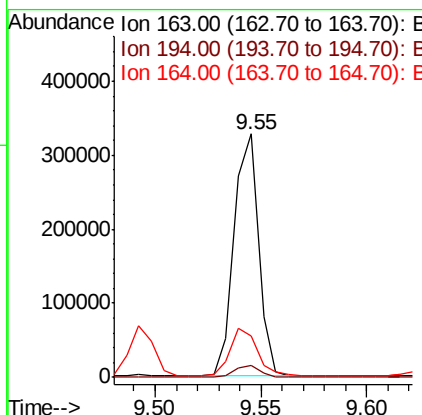
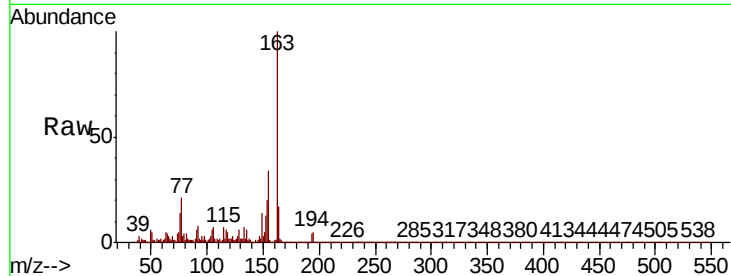
#50
Dimethylphthalate
Concen: 5.750 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	260983		
194	4.9		3.4	5.0
164	16.7		8.5	12.7#

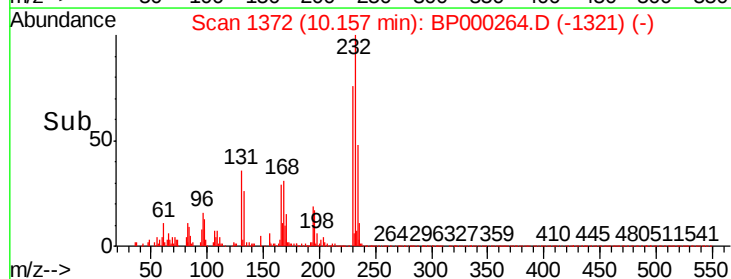
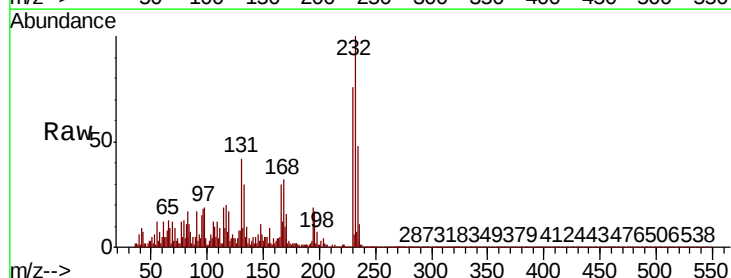
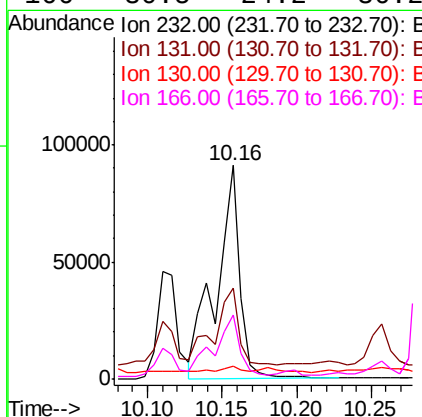
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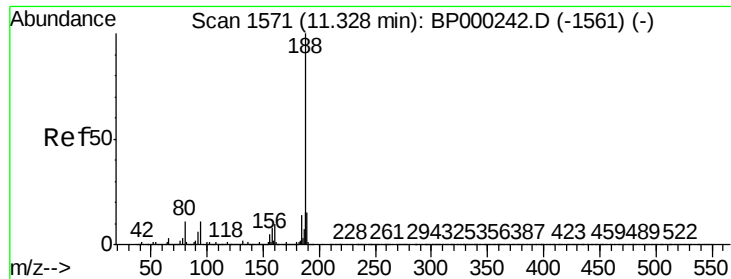
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#59
2,3,4,6-Tetrachlorophenol
Concen: 9.132 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	101424		
131	39.2		33.6	50.4
130	1.9		1.8	2.6
166	30.5		24.2	36.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000264.D

Acq: 17 Sep 2019 11:47

Instrument :

BNA_P

ClientSampleId :

DRUM-COMP

Tot Ion:188 Resp: 1062418

Ion Ratio Lower Upper

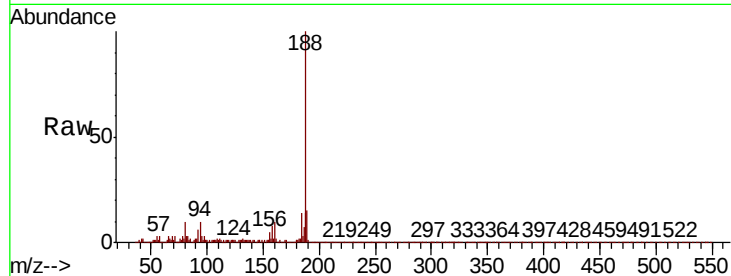
188 100

94 10.2 8.5 12.7

80 10.4 8.6 13.0

Manual Integrations
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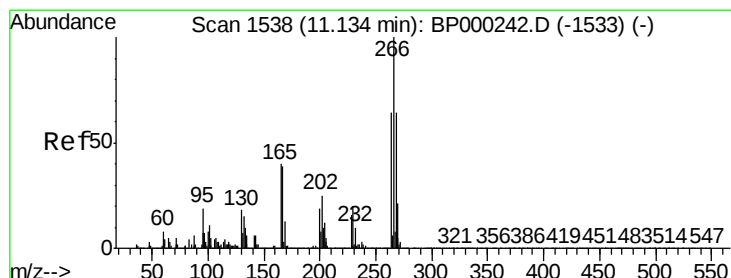
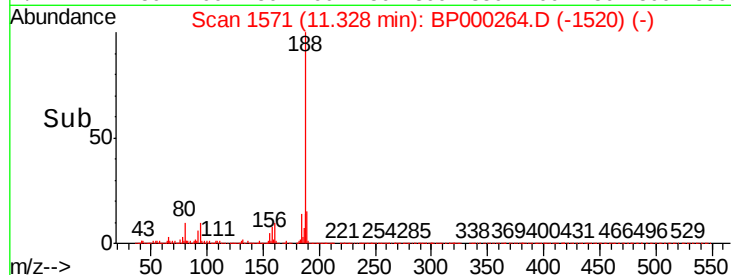
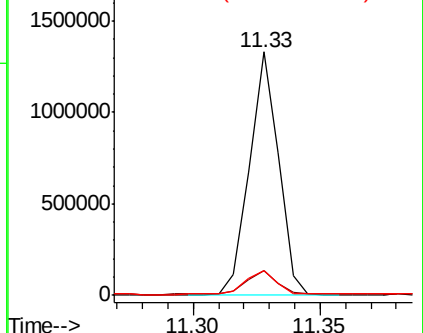
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#70

Pentachlorophenol

Concen: 281.909 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BP000264.D

Acq: 17 Sep 2019 11:47

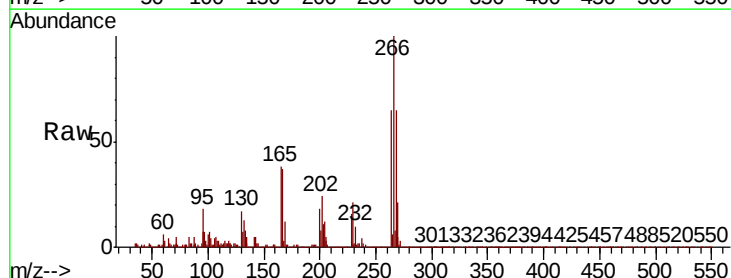
Tgt Ion:266 Resp: 2016594

Ion Ratio Lower Upper

266 100

268 65.1 51.6 77.4

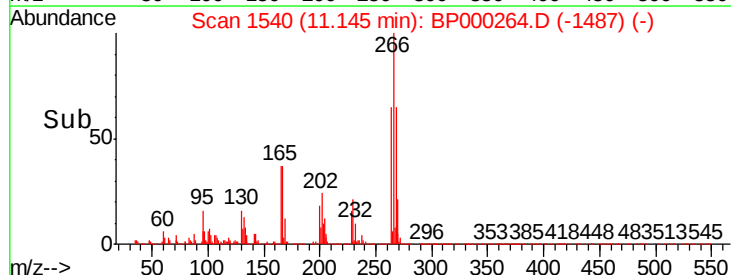
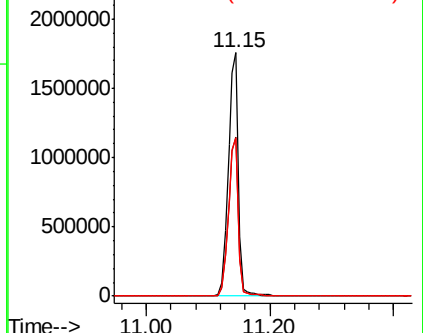
264 64.6 50.8 76.2

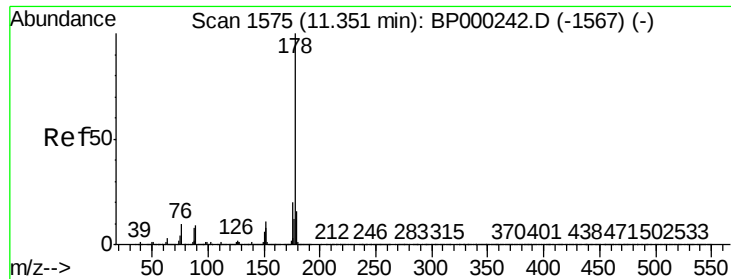


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





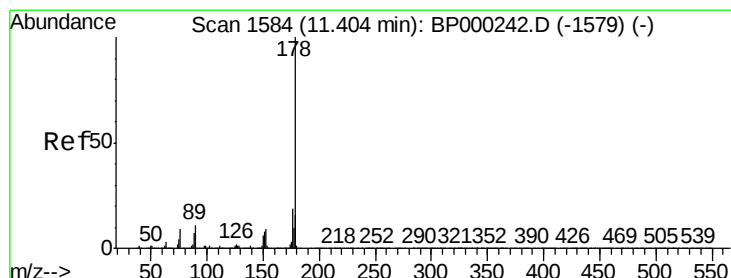
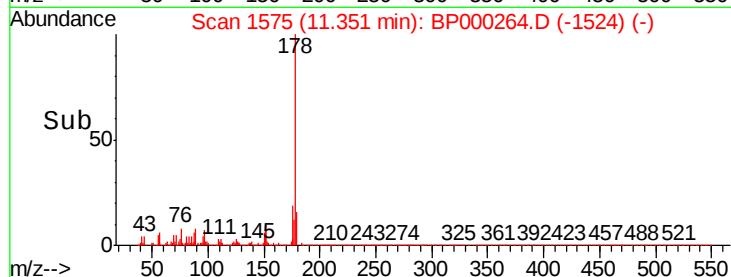
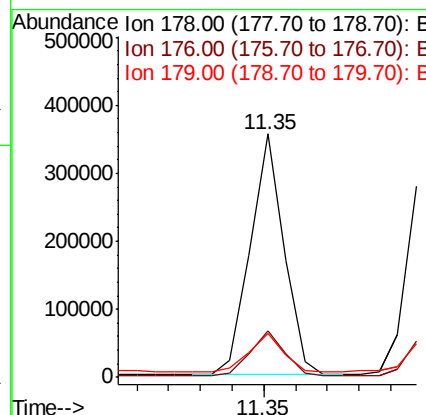
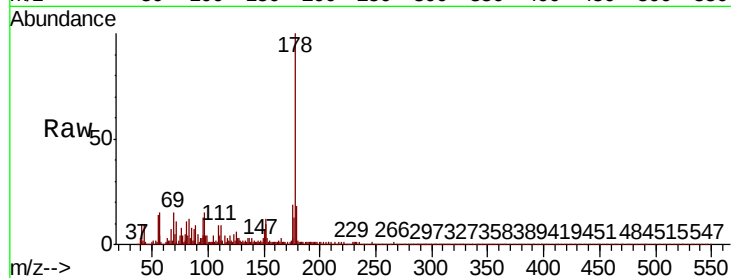
#71
Phenanthrene
Concen: 4.890 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	18.1	12.7	19.1

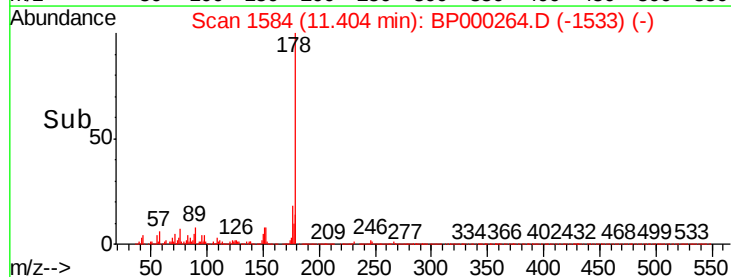
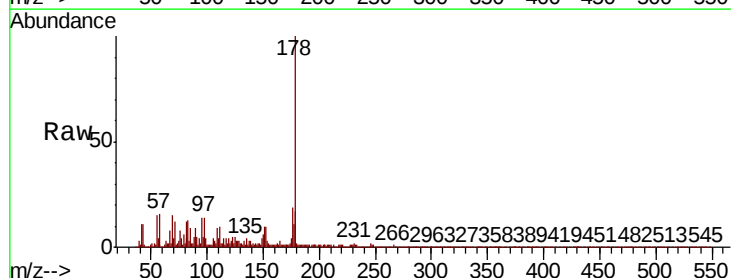
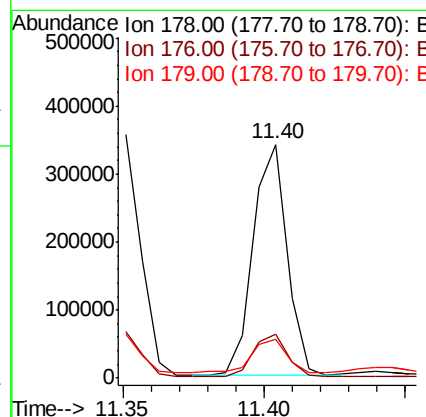
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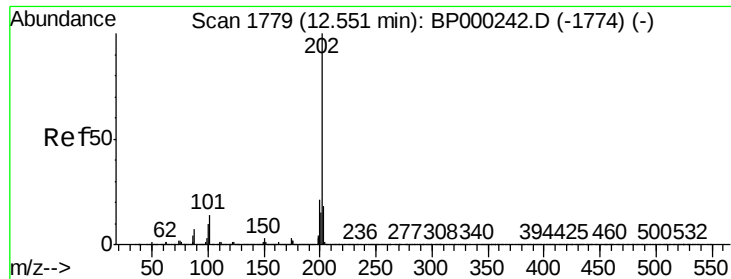
mohammad
9/19/2019 4:45:50 PM



#72
Anthracene
Concen: 5.159 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	16.8	12.7	19.1





#75

Fluoranthene

Concen: 10.669 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000264.D

Acq: 17 Sep 2019 11:47

Instrument :

BNA_P

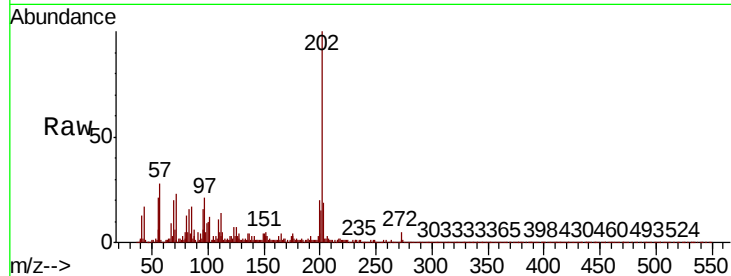
ClientSampleId :

DRUM-COMP

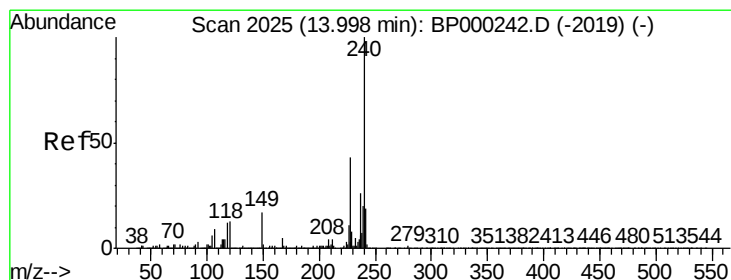
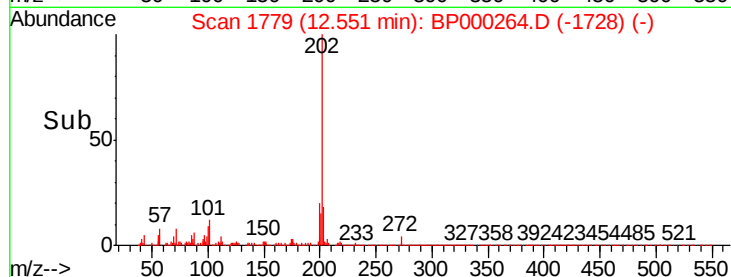
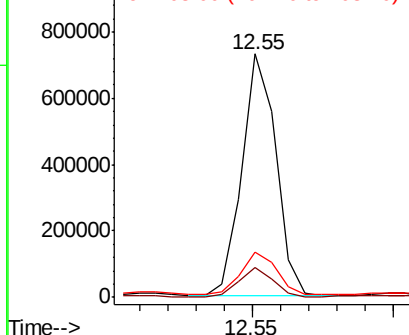
Tot Ion:	202	Resp:	609939
Ion Ratio		Lower	Upper
202	100		
101	12.2	0.0	33.9
203	18.7	0.0	38.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

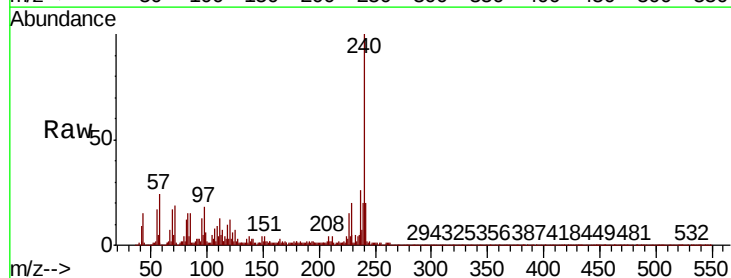
RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

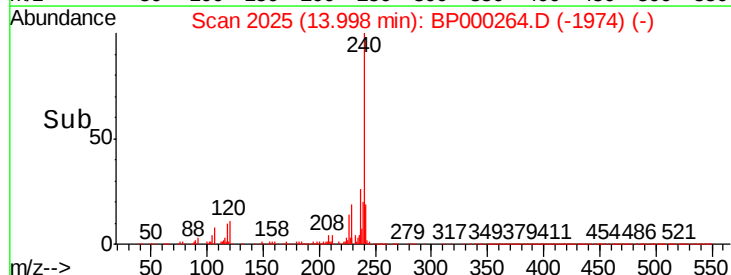
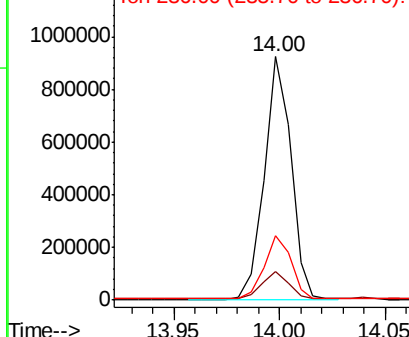
Lab File: BP000264.D

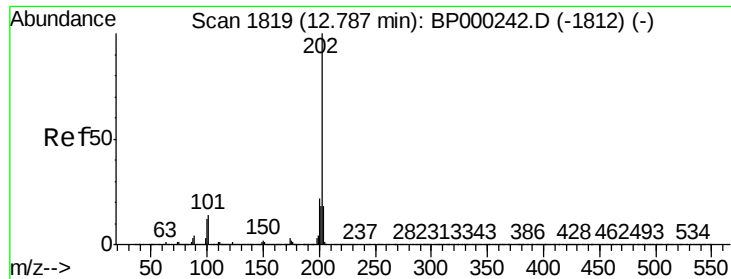
Acq: 17 Sep 2019 11:47

Tgt Ion:	240	Resp:	810607
Ion Ratio		Lower	Upper
240	100		
120	11.6	10.4	15.6
236	26.3	21.0	31.6



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





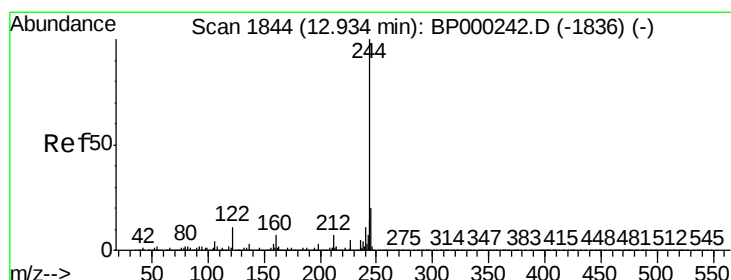
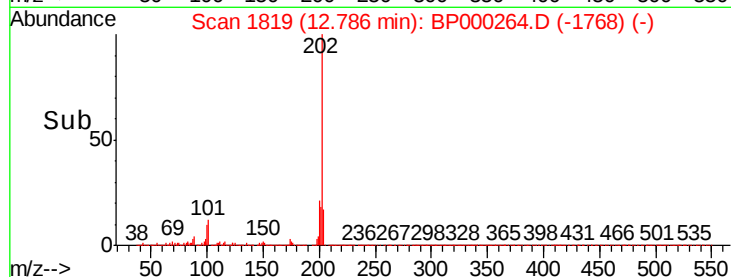
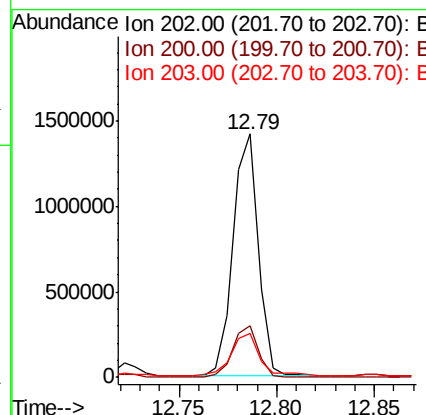
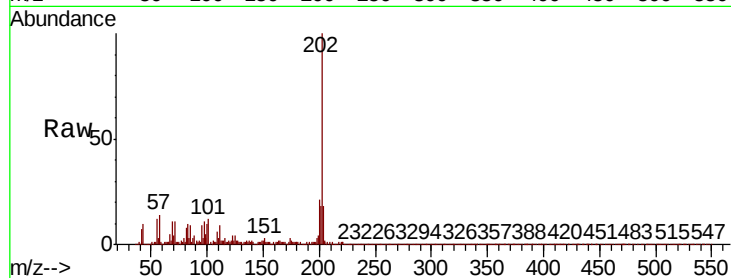
#78
Pvrene
Concen: 21.114 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.5	26.3
203	18.3	14.3	21.5

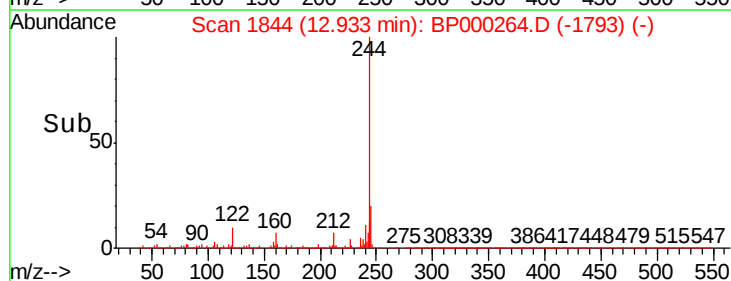
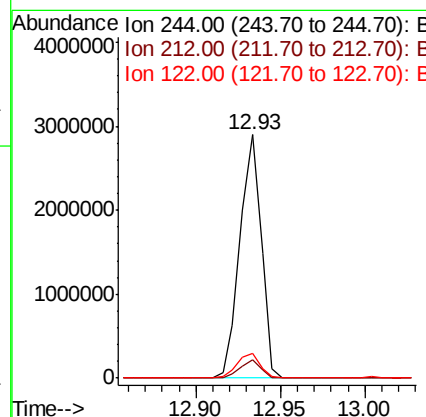
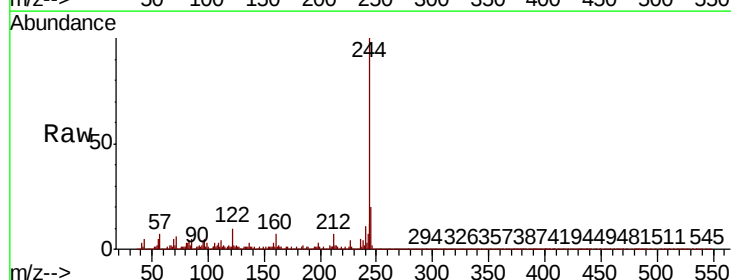
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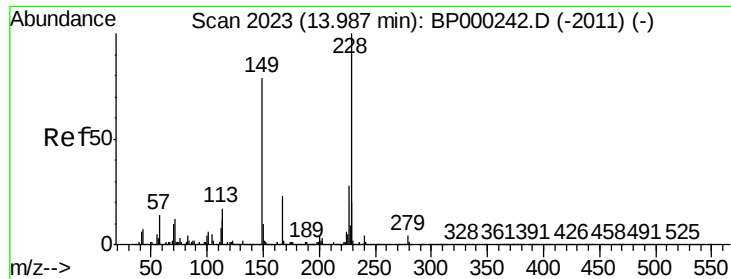
mohammad
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#79
Terphenyl-d14
Concen: 65.884 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	9.9	9.0	13.4





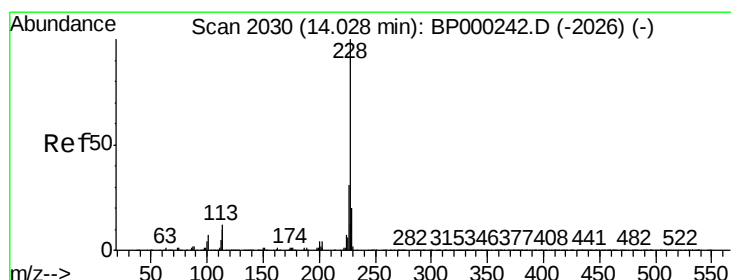
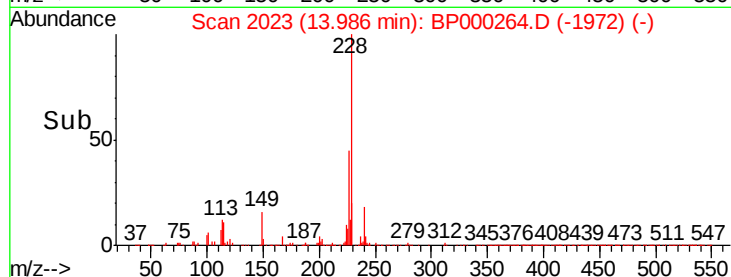
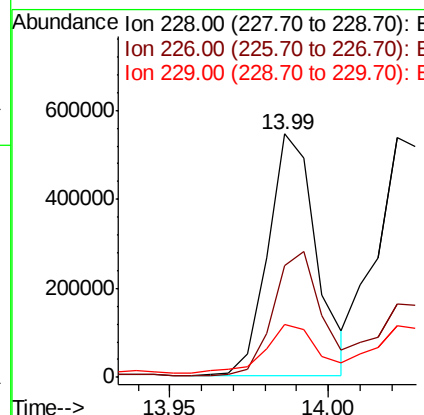
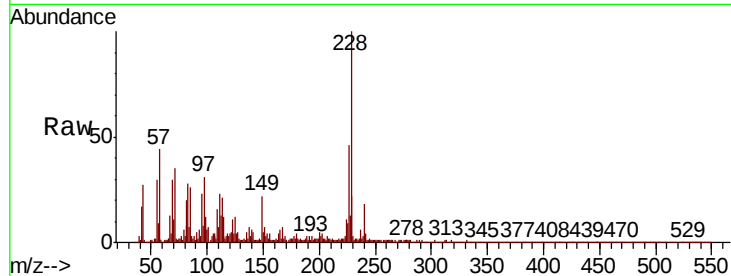
#81
Benzo(a)anthracene
Concen: 11.253 ng m
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	45.9	22.2	33.4#
229	21.7	16.0	24.0

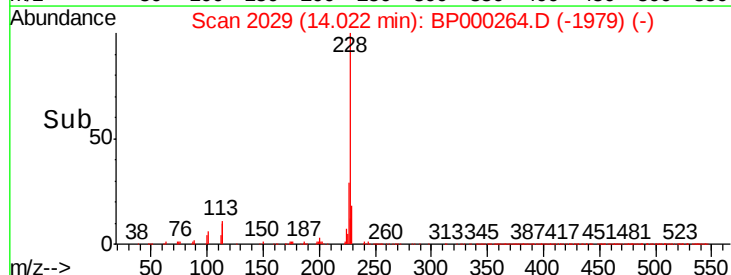
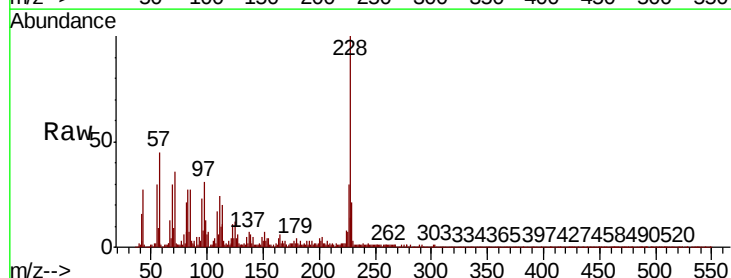
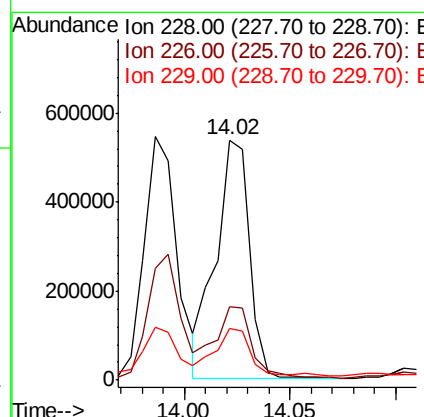
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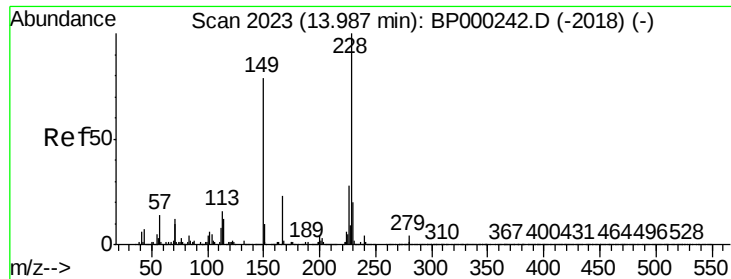
mohammad
9/19/2019 4:45:50 PM



#83
Chrysene
Concen: 11.700 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.3	16.2	24.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.304 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BP000264.D

Acq: 17 Sep 2019 11:47

Instrument :

BNA_P

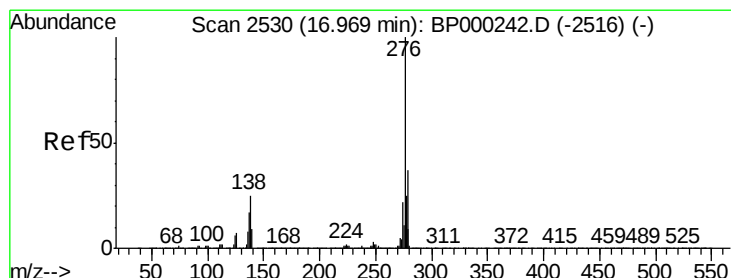
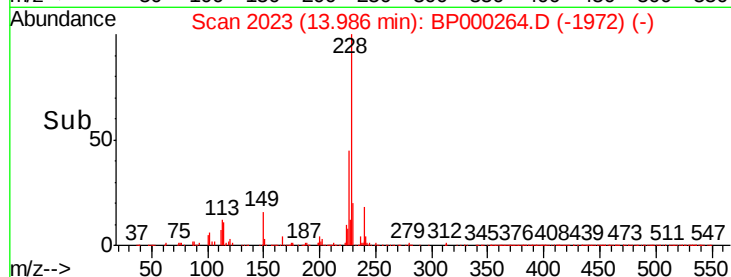
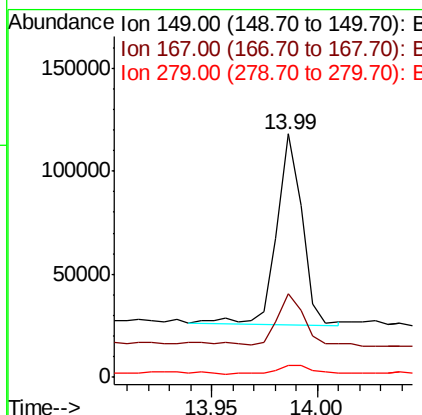
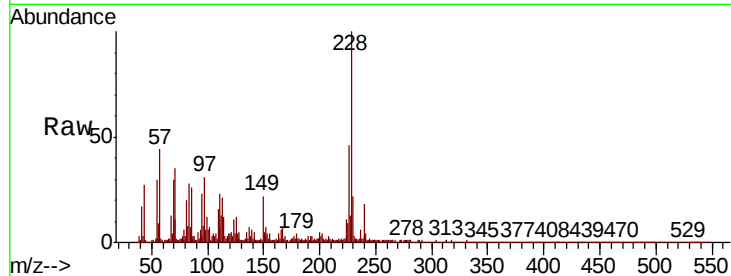
ClientSampleId :

DRUM-COMP

Tot Ion:	149	Resp:	77090
Ion Ratio	Lower	Upper	
149	100		
167	34.3	23.0	34.4
279	5.0	3.7	5.5

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 7.496 ng m

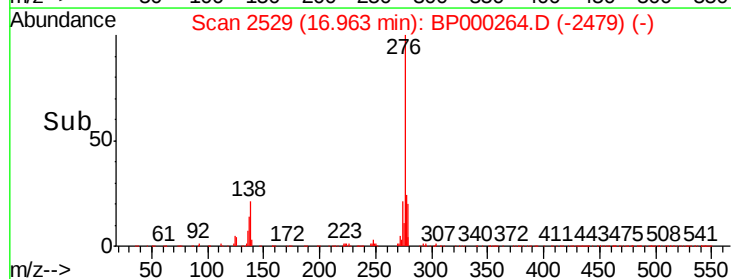
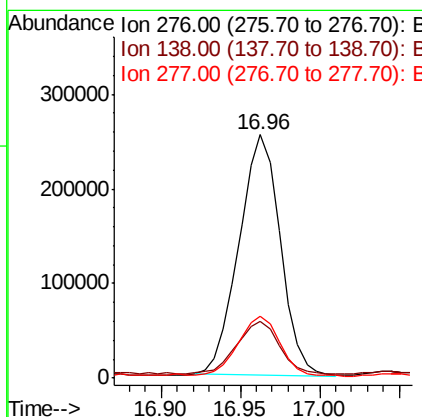
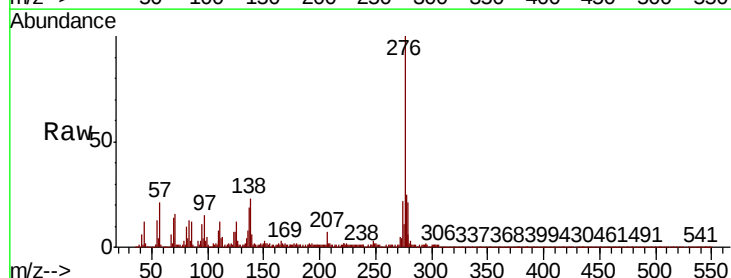
RT: 16.96 min Scan# 2529

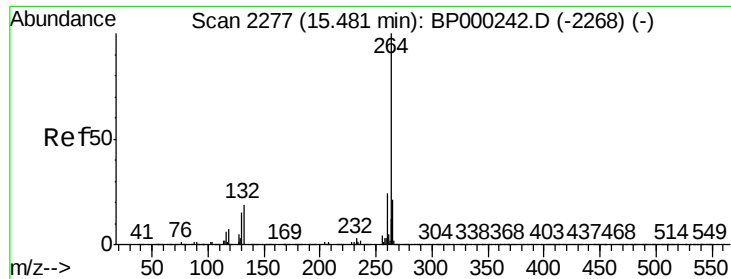
Delta R.T. -0.01 min

Lab File: BP000264.D

Acq: 17 Sep 2019 11:47

Tgt Ion:	276	Resp:	459362
Ion Ratio	Lower	Upper	
276	100		
138	1.2	22.6	33.8#
277	0.9	20.4	30.6#





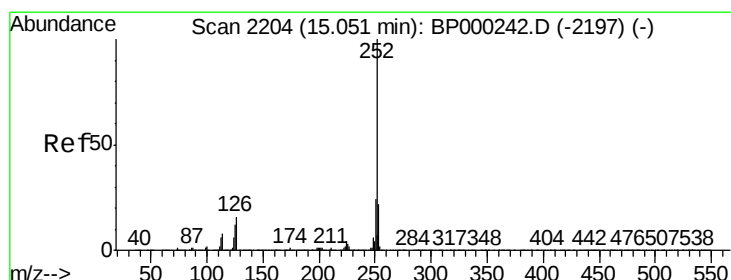
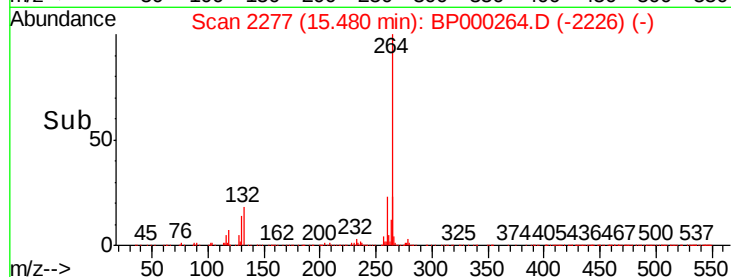
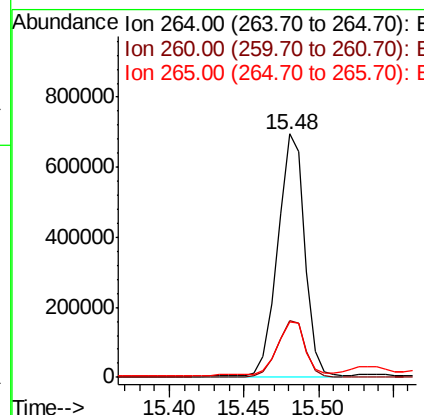
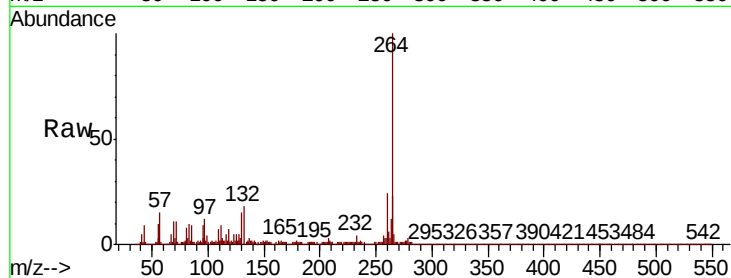
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	18.9	28.3
265	23.0	17.2	25.8

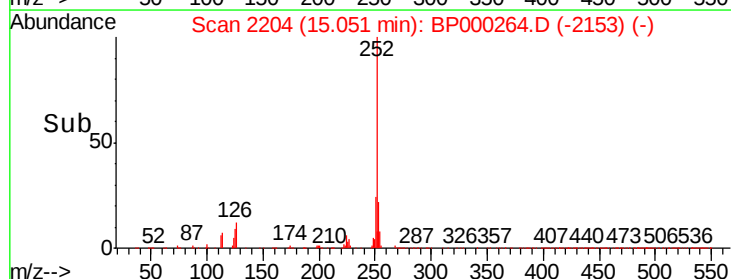
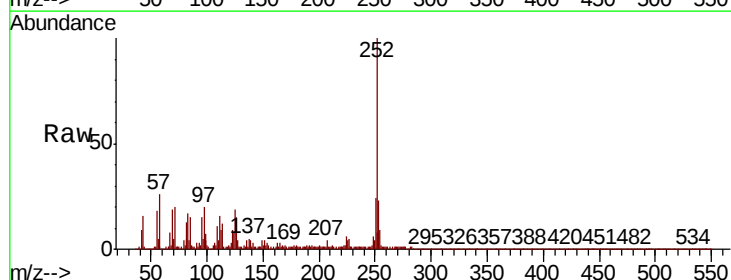
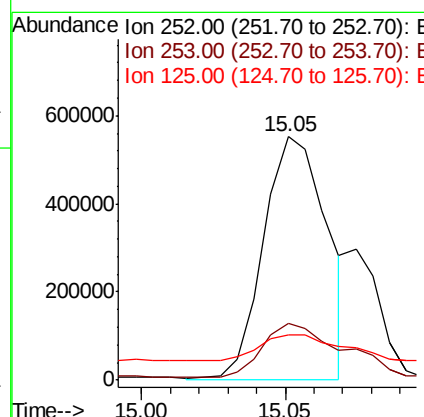
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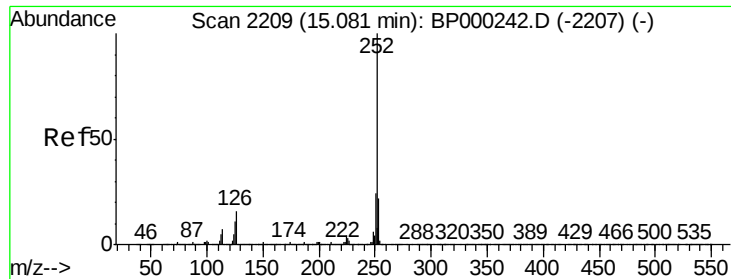
mohammad
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#88
Benzo(b)fluoranthene
Concen: 16.318 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	17.8	26.6
125	18.5	9.5	14.3





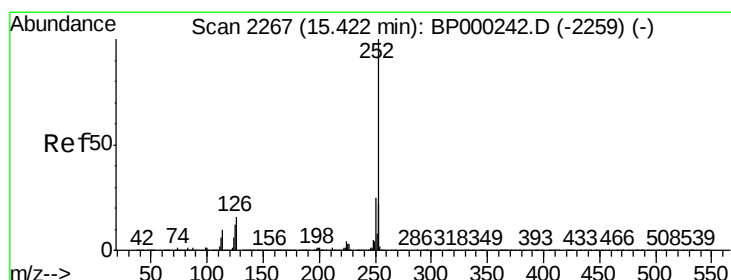
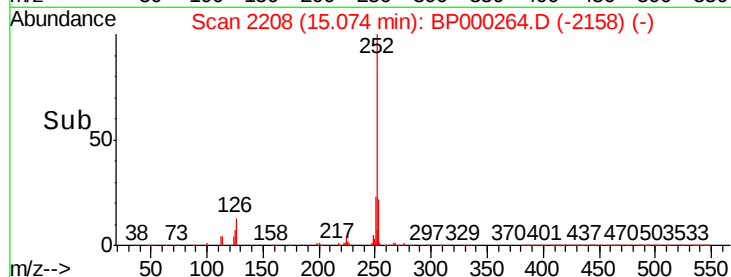
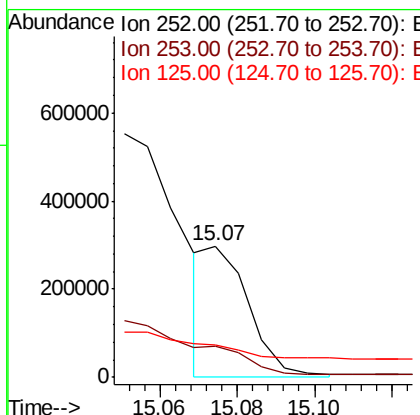
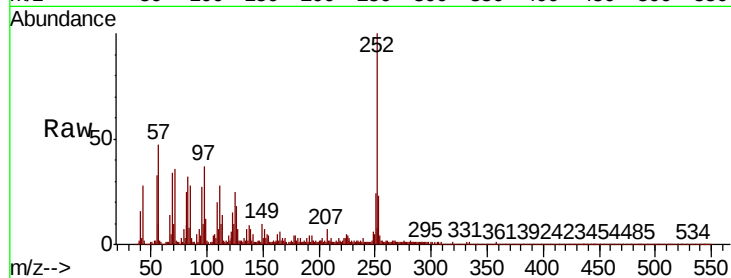
#89
Benzo(k)fluoranthene
Concen: 5.086 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	24.6	9.6	14.4

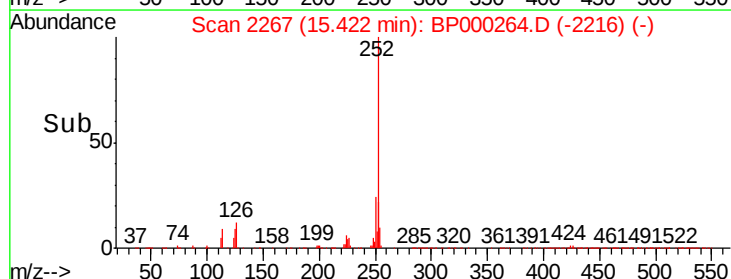
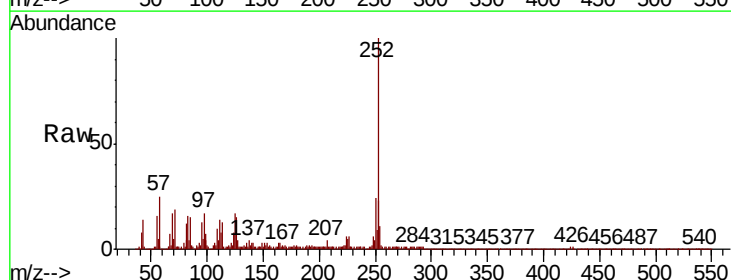
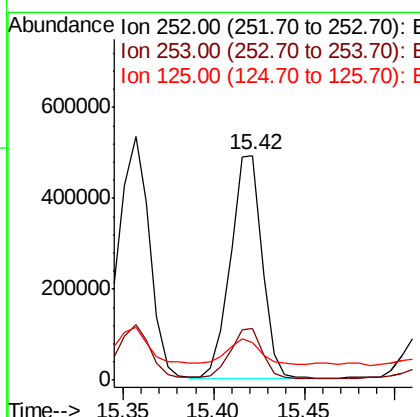
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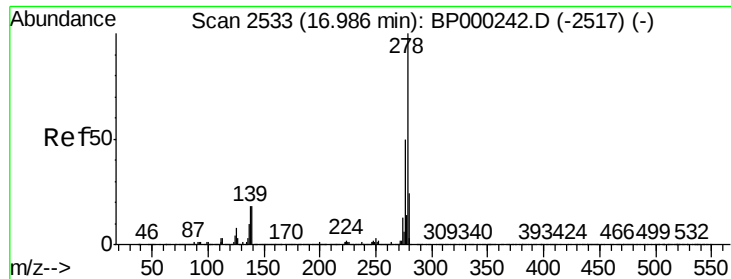
mohammad
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#90
Benzo(a)pyrene
Concen: 12.473 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	16.8	10.0	15.0





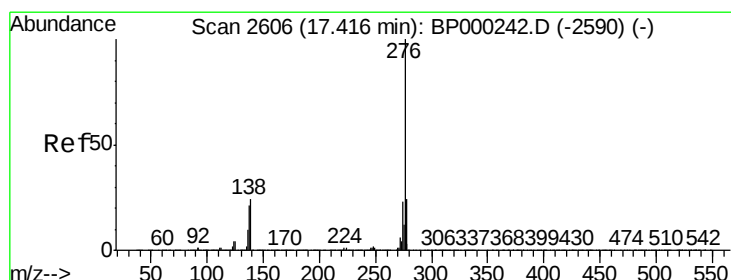
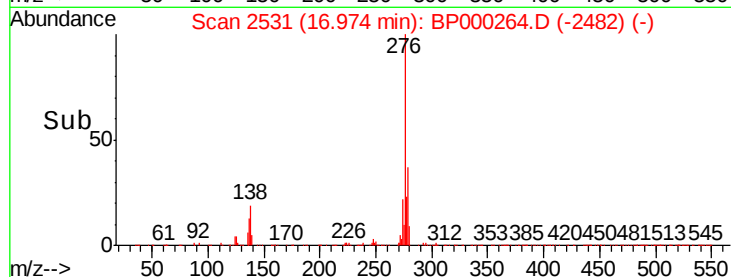
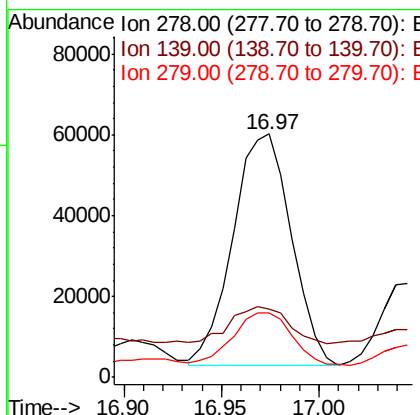
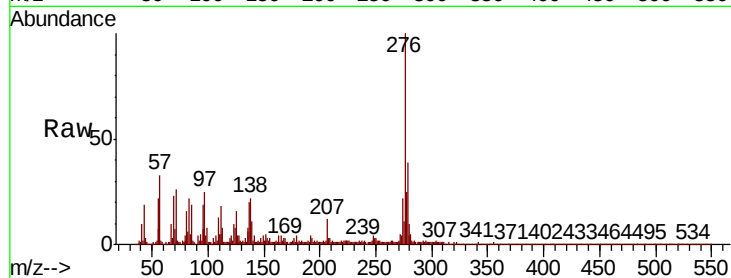
#91
Dibenzo(a,h)anthracene
Concen: 2.663 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.2	14.5	21.7#
279	26.6	19.0	28.6

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9/19/2019 4:45:50 PM



#92
Benzo(g,h,i)perylene
Concen: 11.823 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BP000264.D
Acq: 17 Sep 2019 11:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.1	28.7
138	23.8	19.5	29.3

