

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103456.D
 Acq On : 6 Mar 2018 15:24
 Operator : SJ/JU
 Sample : J1792-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Manual Integrations
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Sohil
 3/7/2018 12:15:16 PM

Quant Time: Mar 06 16:43:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	131018	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	576896	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	232282	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	342111	20.00	ng	0.00
75) Chrysene-d12	14.06	240	241109	20.00	ng	0.00
86) Perylene-d12	15.58	264	198198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	587246	67.79	ng	0.00
7) Phenol-d6	6.51	99	835035	78.78	ng	0.00
23) Nitrobenzene-d5	7.44	82	501745	49.67	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	129640	65.94	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	839296	57.49	ng	0.00
78) Terphenyl-d14	12.99	244	560124	55.84	ng	0.00
Target Compounds						
70) Phenanthrene	11.43	178	114010	6.056	ng	99
73) Di-n-butylphthalate	11.95	149	195487	8.126	ng	99
74) Fluoranthene	12.63	202	212358	11.224	ng	99
77) Pyrene	12.86	202	188527	10.029	ng	99
80) Benzo(a)anthracene	14.05	228	85463	5.463	ng	97
82) Chrysene	14.09	228	86162	5.672	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	63382	4.729	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.13	276	40804	3.393	ng	95
87) Benzo(b)fluoranthene	15.13	252	109631m	8.413	ng	
88) Benzo(k)fluoranthene	15.16	252	35488m	2.892	ng	
89) Benzo(a)pyrene	15.52	252	70426	6.052	ng	# 92
91) Benzo(a,h,i)perylene	17.60	276	44954	5.115	ng	# 89

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

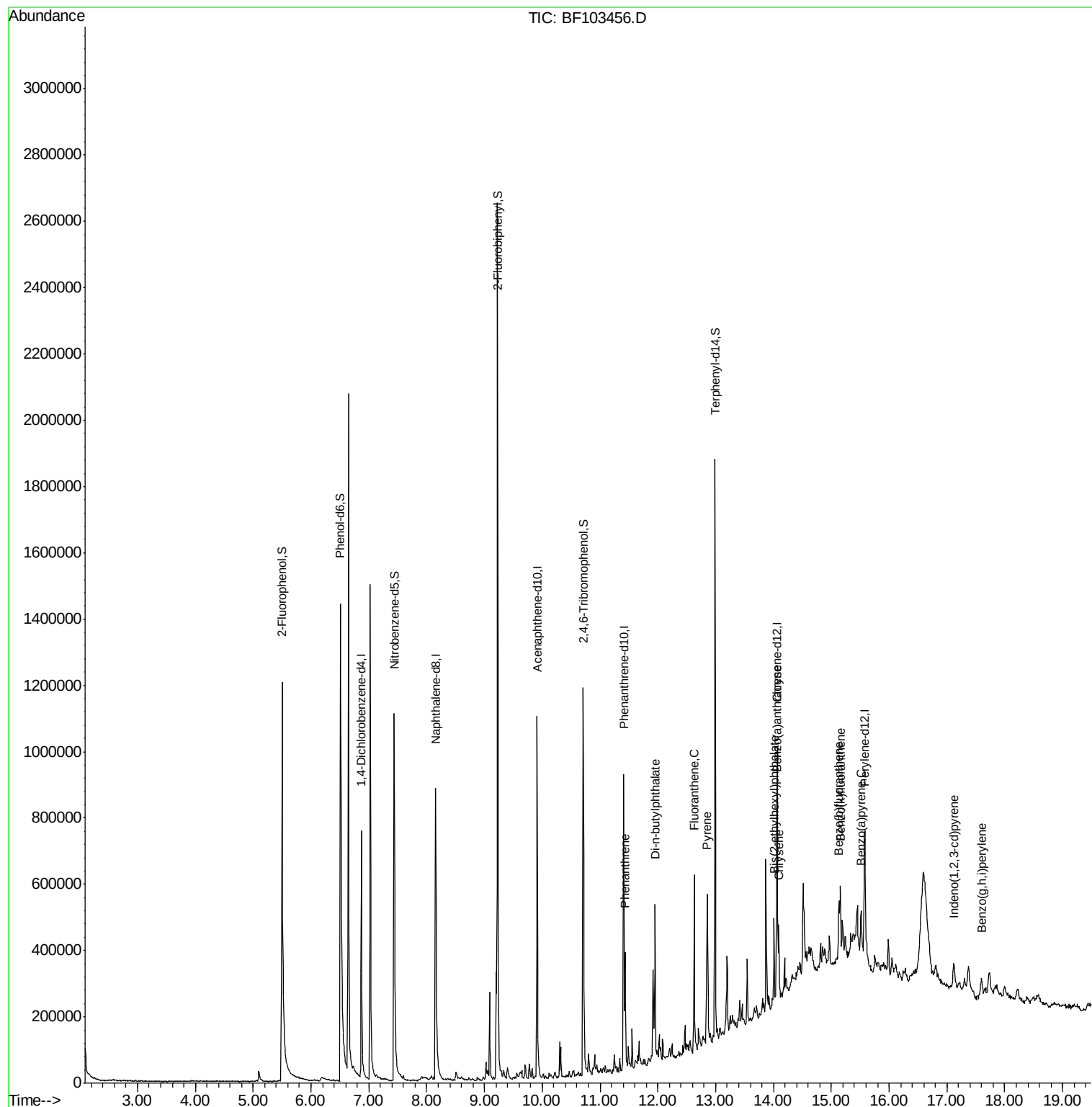
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103456.D
Acq On : 6 Mar 2018 15:24
Operator : SJ/JU
Sample : J1792-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

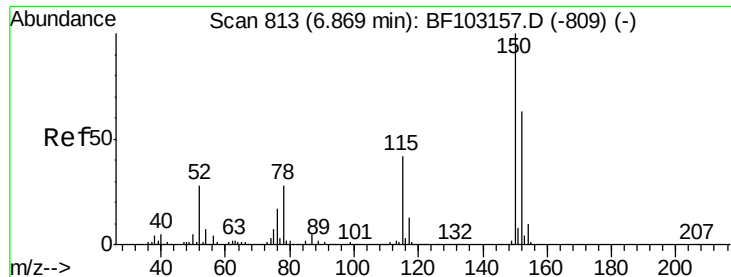
Instrument :
BNA_F
ClientSampleId :
TP-7

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Quant Time: Mar 06 16:43:52 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

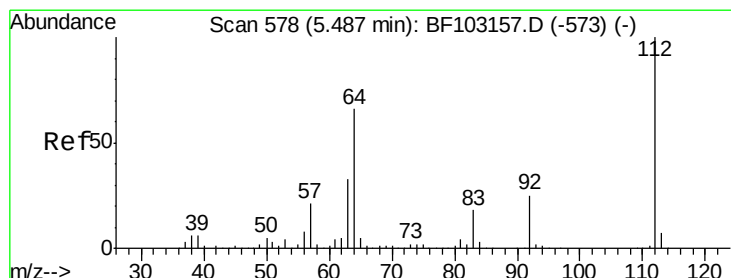
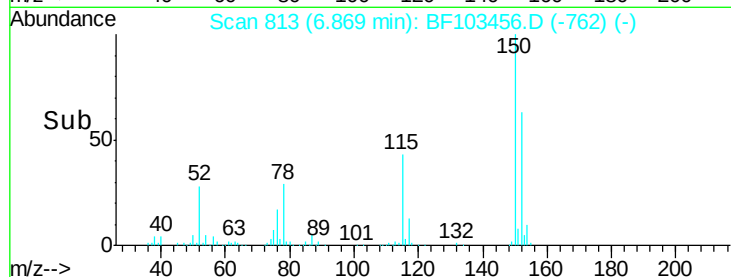
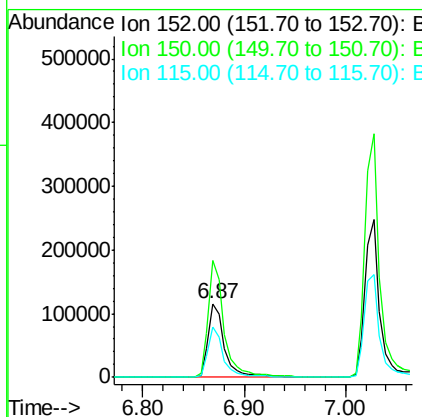
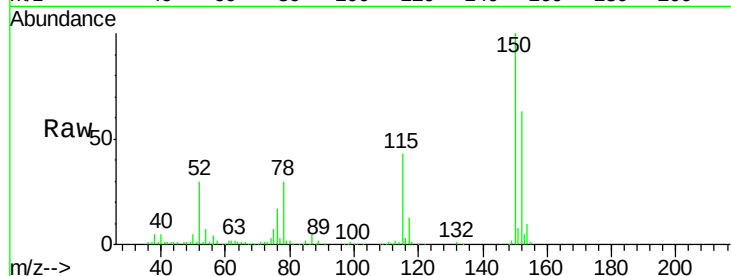
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103456.D
Acq: 6 Mar 2018 15:24

Instrument :
BNA_F
ClientSampled :
TP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	68.1	50.1	75.1

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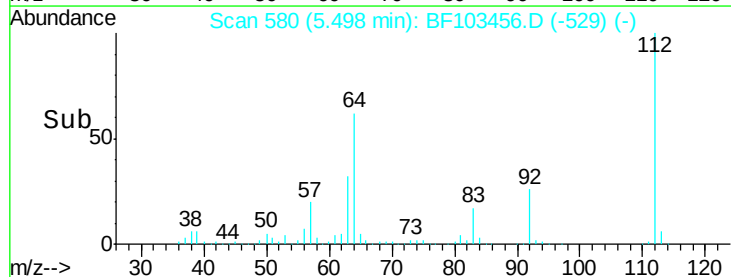
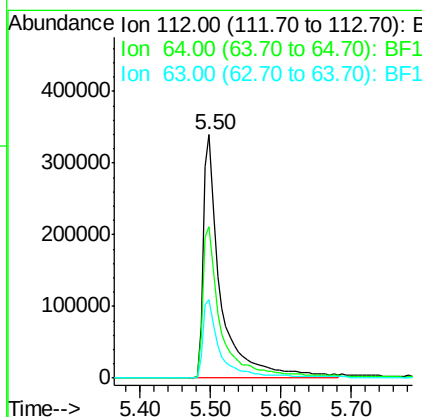
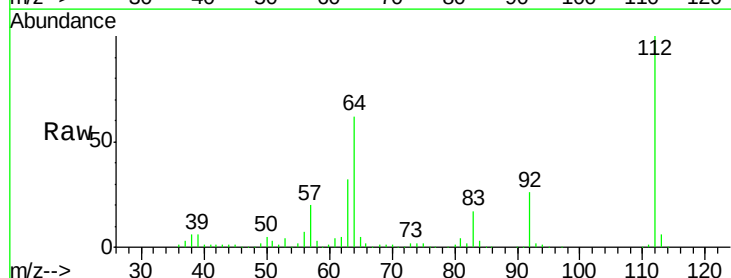
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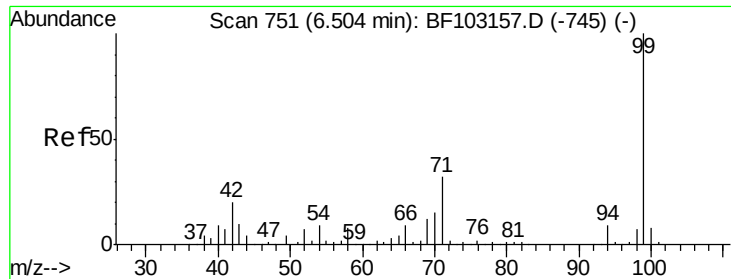


#5

2-Fluorophenol
Concen: 67.790 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103456.D
Acq: 6 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.9	71.9
63	32.5	23.7	35.5





#7

Phenol-d6

Concen: 78.776 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103456.D

Acq: 6 Mar 2018 15:24

Instrument :

BNA_F

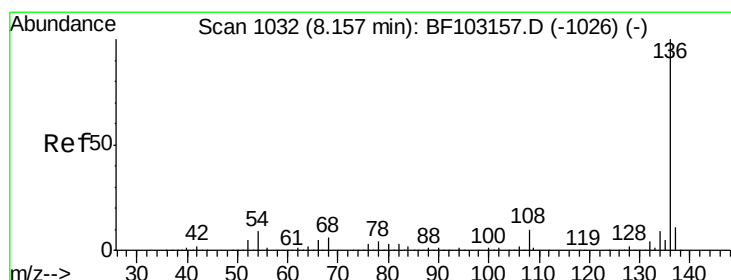
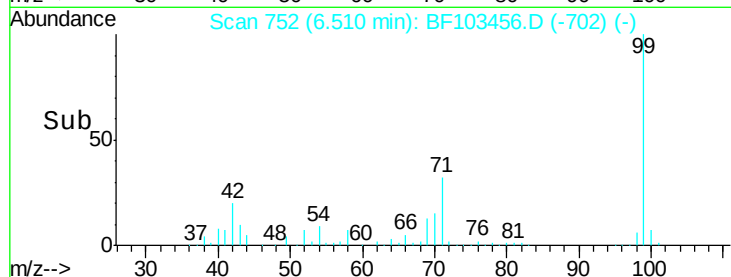
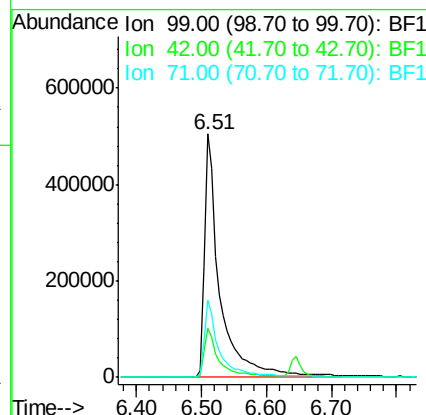
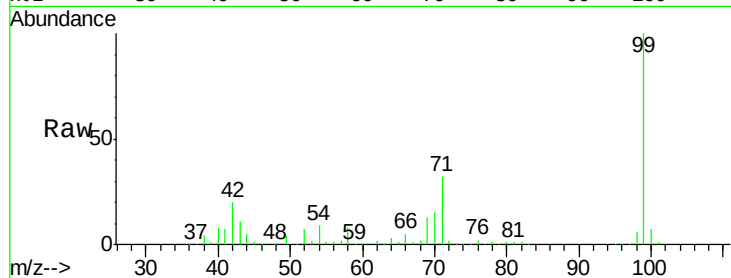
ClientSampled :

TP-7

Tot Ion:	99	Resp:	835035
Ion Ratio	Lower	Upper	
99	100		
42	20.1	14.5	21.7
71	31.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

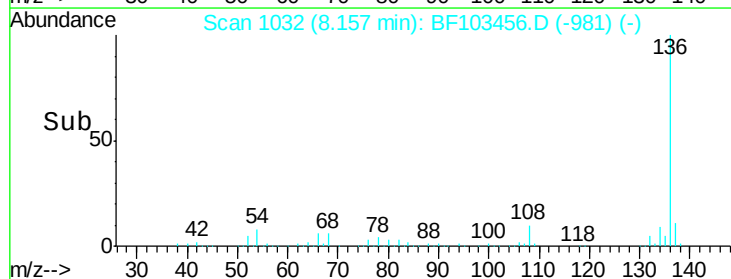
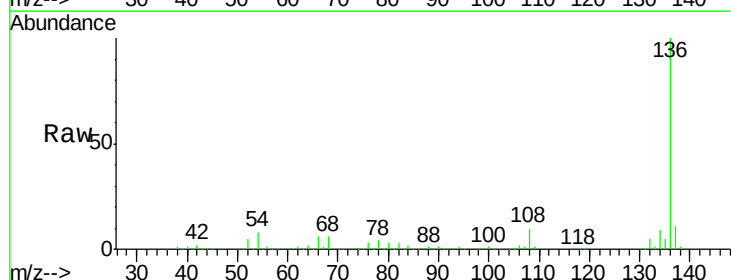
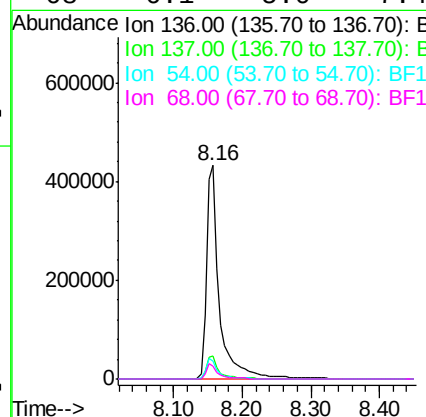
RT: 8.16 min Scan# 1032

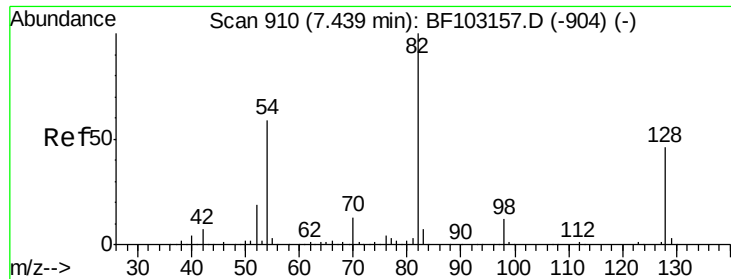
Delta R.T. 0.00 min

Lab File: BF103456.D

Acq: 6 Mar 2018 15:24

Tgt Ion:	136	Resp:	576896
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.2	6.6	9.8
68	6.1	5.0	7.4





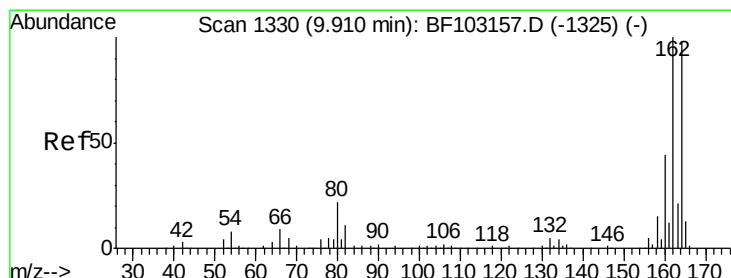
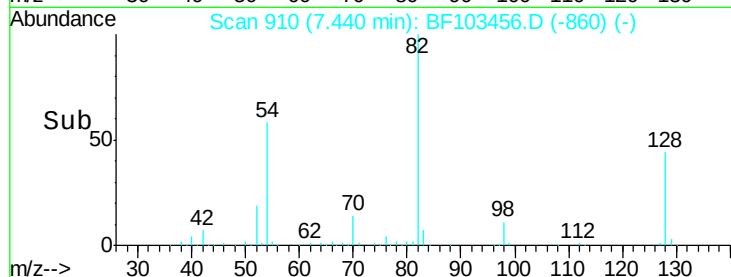
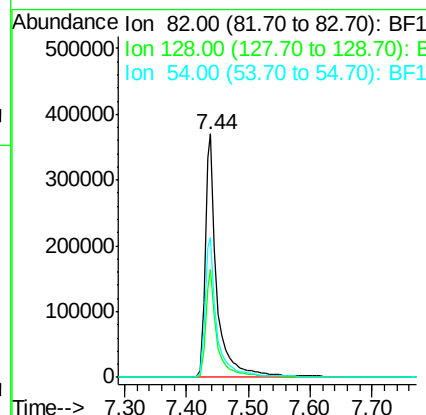
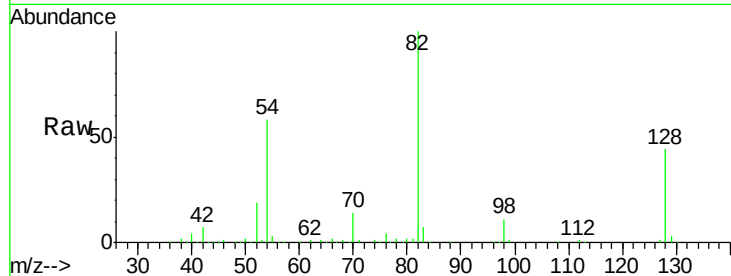
#23
 Nitrobenzene-d5
 Concen: 49.669 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103456.D
 Acq: 6 Mar 2018 15:24

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	57.6	41.4	62.2

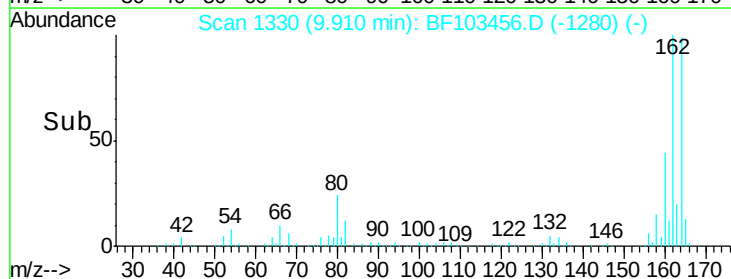
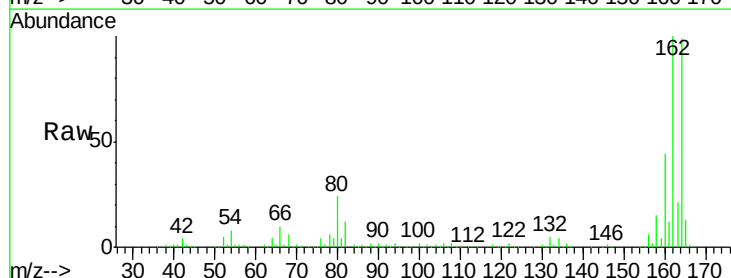
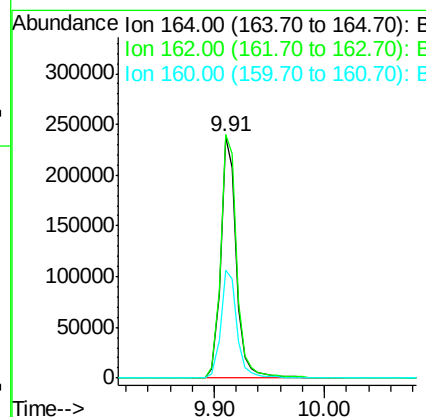
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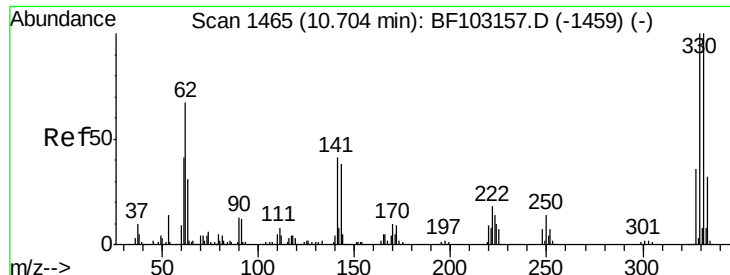
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103456.D
 Acq: 6 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	44.6	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 65.936 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF103456.D

Acq: 6 Mar 2018 15:24

Instrument :

BNA_F

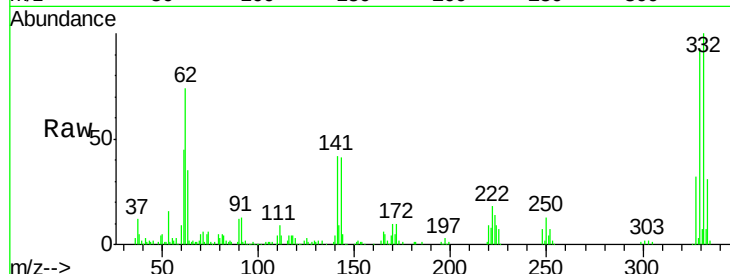
ClientSampled :

TP-7

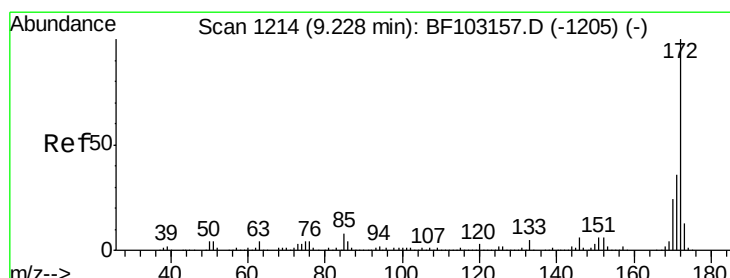
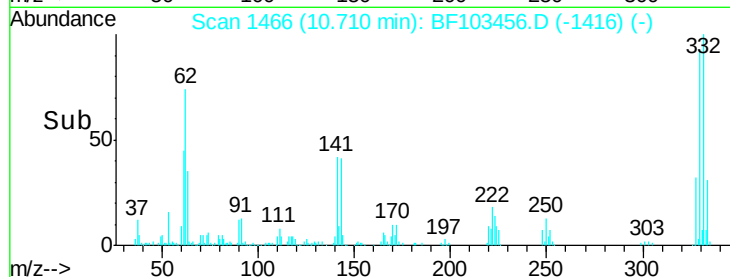
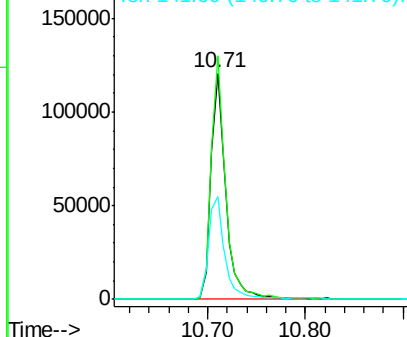
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	104.4	77.0	115.6	
141	49.3	29.9	44.9	

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 57.490 ng

RT: 9.23 min Scan# 1214

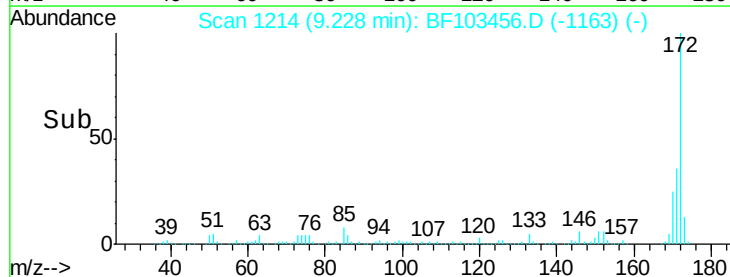
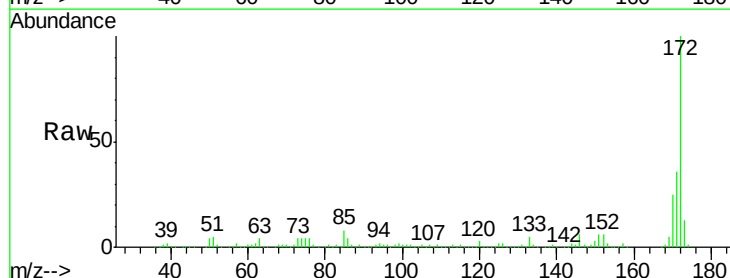
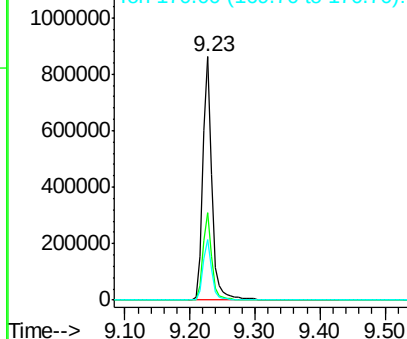
Delta R.T. 0.00 min

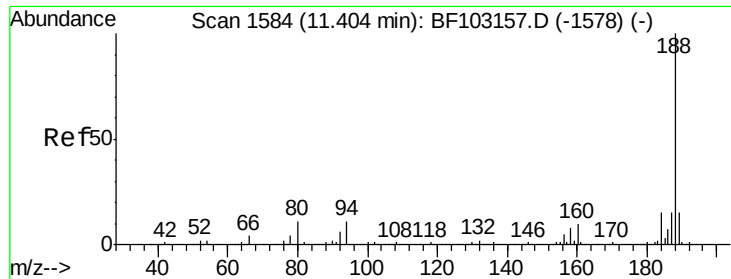
Lab File: BF103456.D

Acq: 6 Mar 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.7	44.5	
170	24.6	19.6	29.4	

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





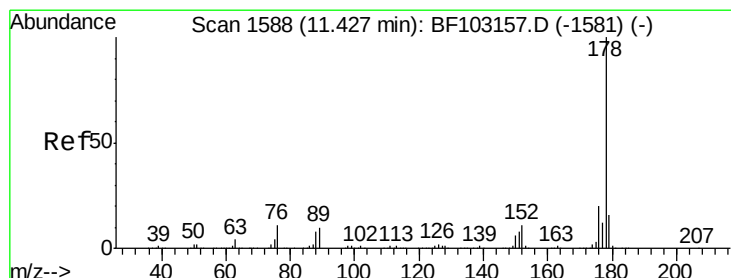
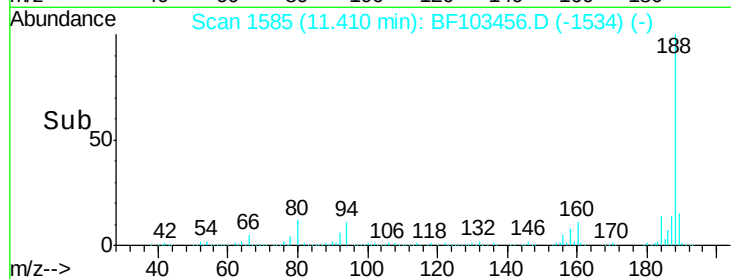
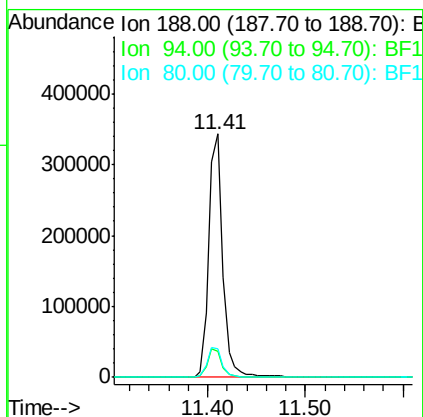
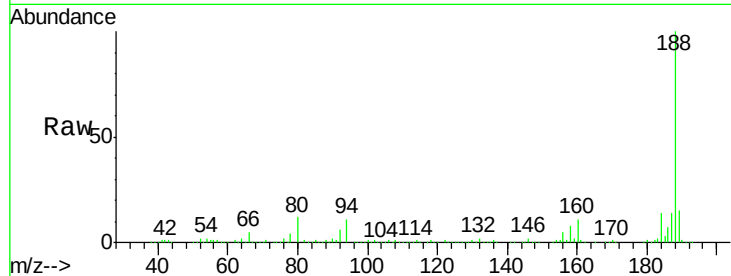
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103456.D
Acq: 6 Mar 2018 15:24

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Resp	Lower	Upper
188	100	342111		
94	10.9		8.5	12.7
80	11.9		9.2	13.8

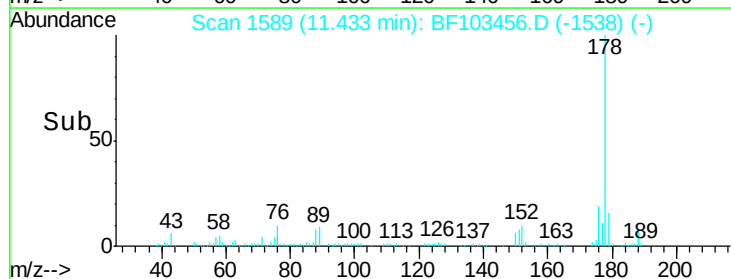
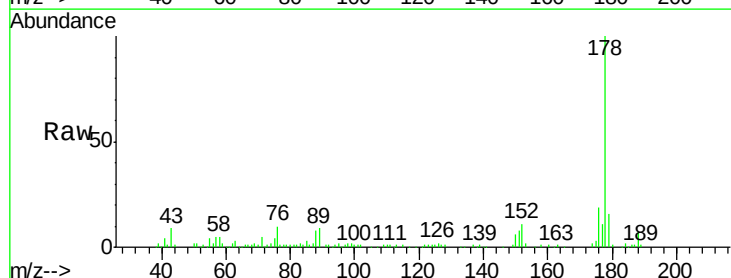
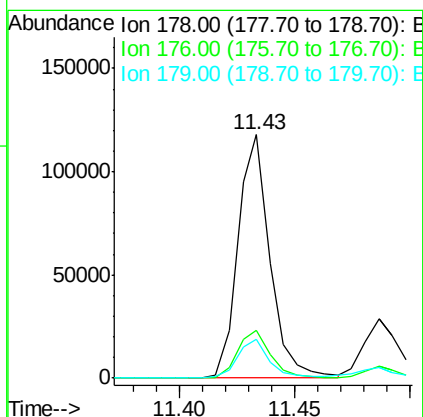
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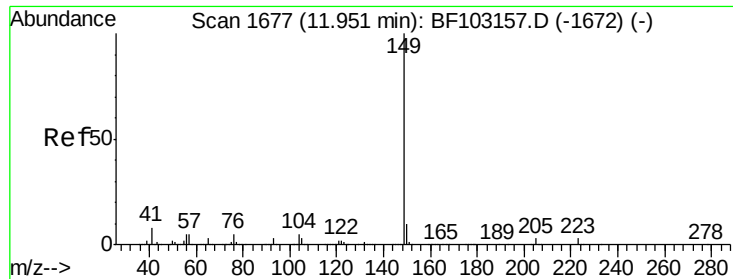
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#70
Phenanthrene
Concen: 6.056 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103456.D
Acq: 6 Mar 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	114010		
176	19.4		15.8	23.8
179	15.7		13.0	19.6





#73

Di-n-butylphthalate

Concen: 8.126 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF103456.D

Acq: 6 Mar 2018 15:24

Instrument :

BNA_F

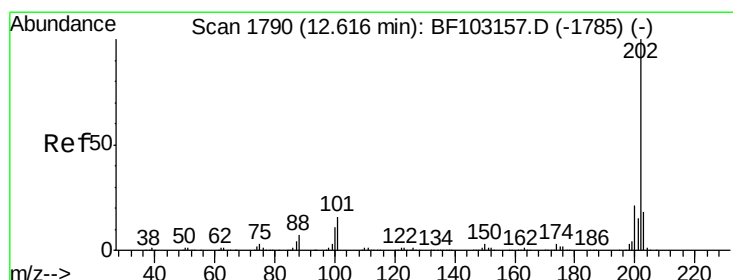
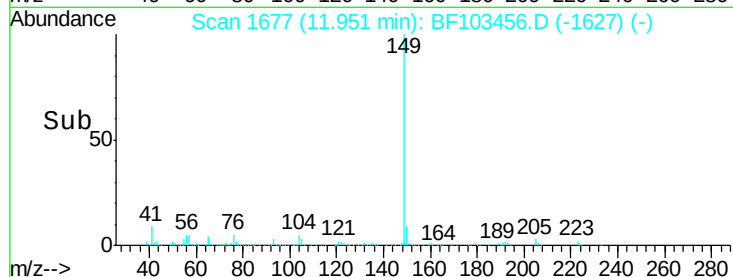
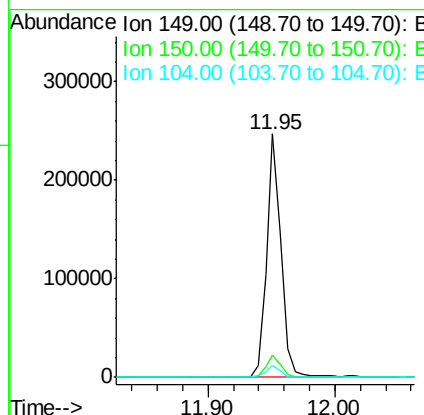
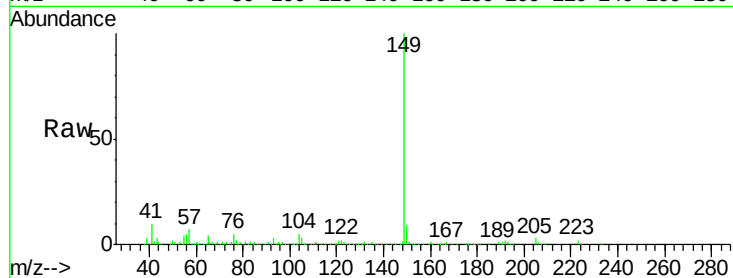
ClientSampleId :

TP-7

Tot Ion:	149	Resp:	195487
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	5.0	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 11.224 ng

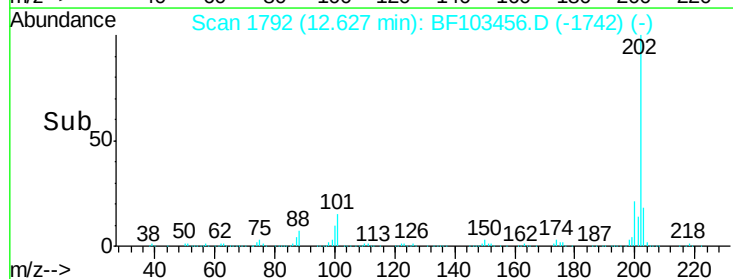
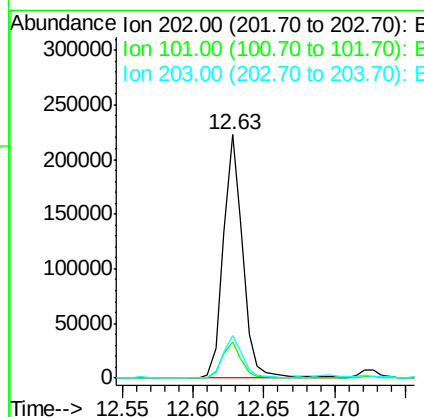
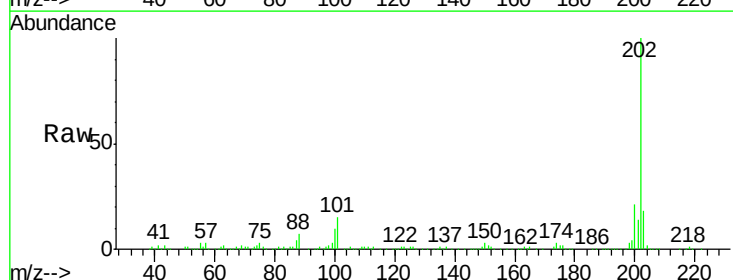
RT: 12.63 min Scan# 1792

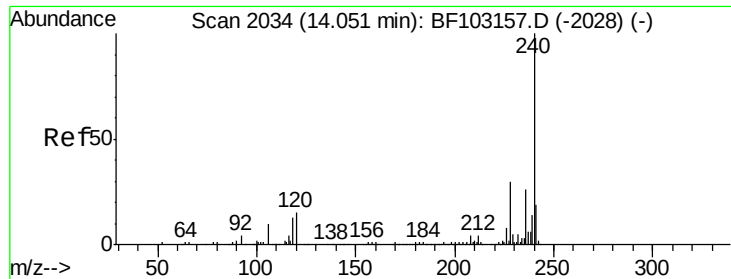
Delta R.T. -0.01 min

Lab File: BF103456.D

Acq: 6 Mar 2018 15:24

Tgt Ion:	202	Resp:	212358
Ion Ratio	Lower	Upper	
202	100		
101	14.7	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103456.D

Acq: 6 Mar 2018 15:24

Instrument :

BNA_F

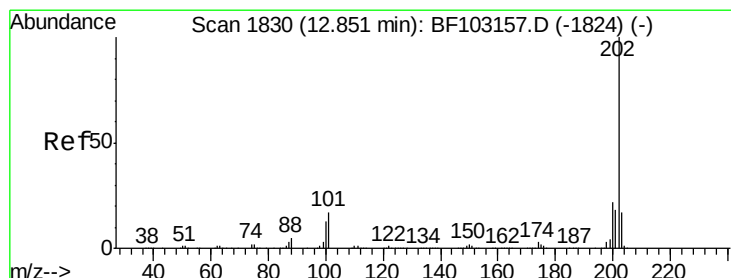
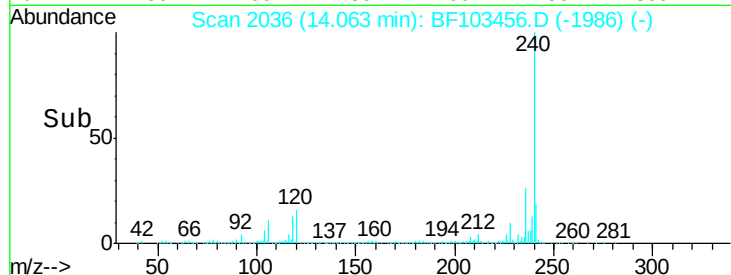
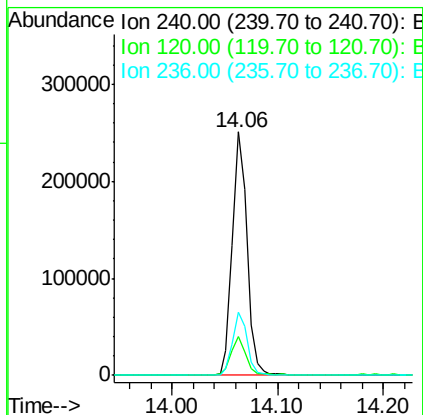
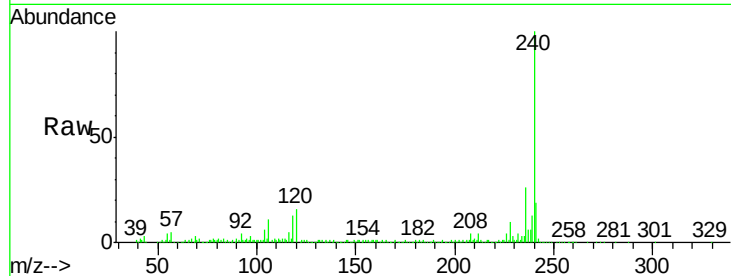
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	9.5	14.3#
236	25.9	20.7	31.1

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#77

Pyrene

Concen: 10.029 ng

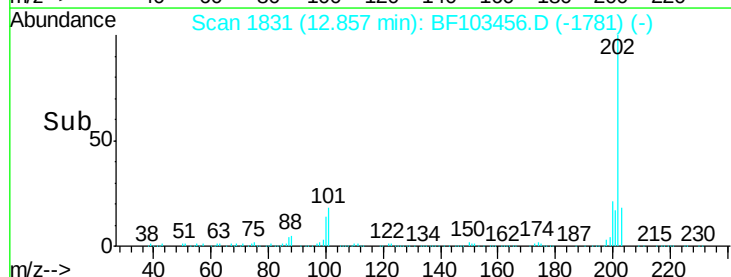
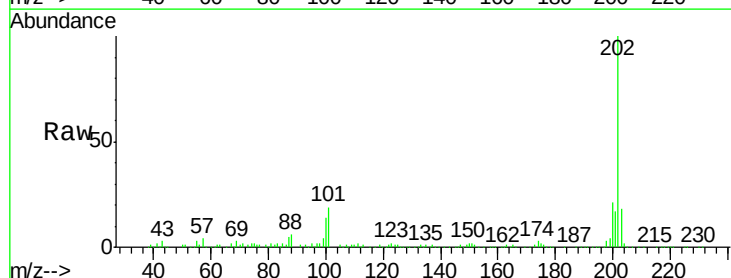
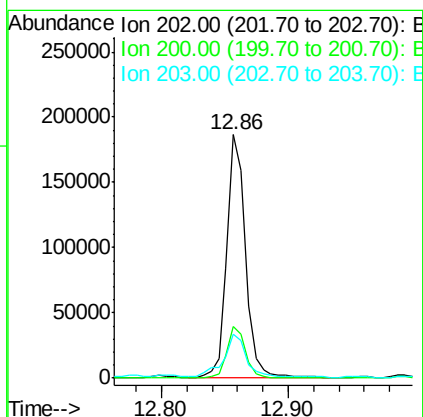
RT: 12.86 min Scan# 1831

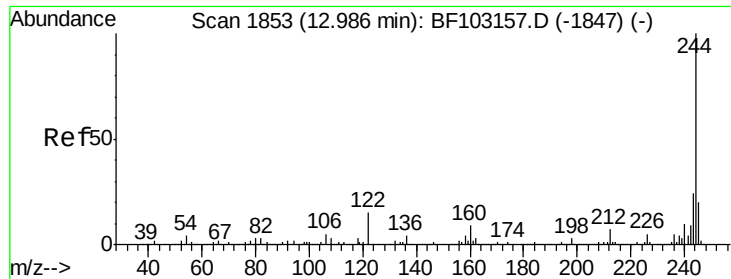
Delta R.T. -0.01 min

Lab File: BF103456.D

Acq: 6 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.1	14.3	21.5





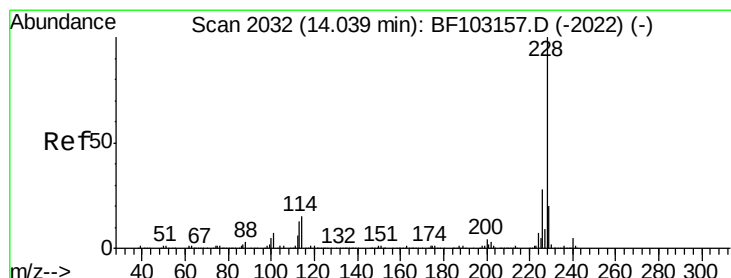
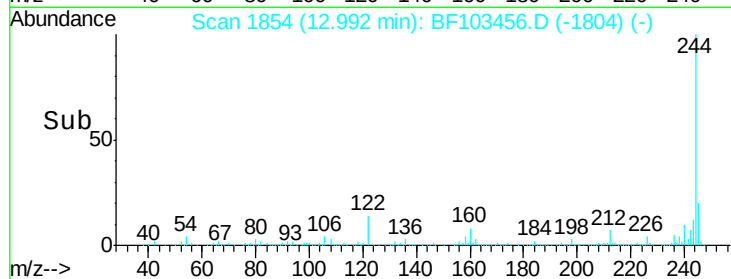
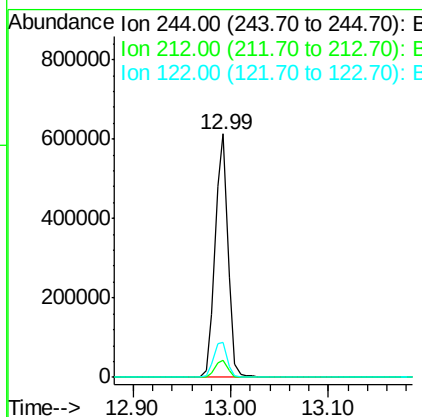
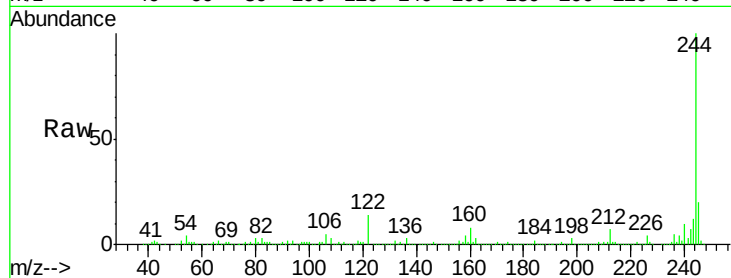
#78
 Terphenyl-d14
 Concen: 55.845 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF103456.D
 Acq: 6 Mar 2018 15:24

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.1	11.0	16.4

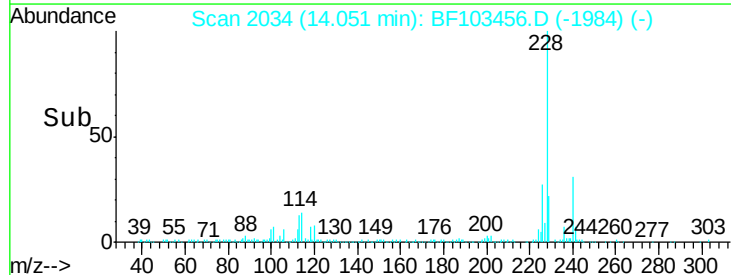
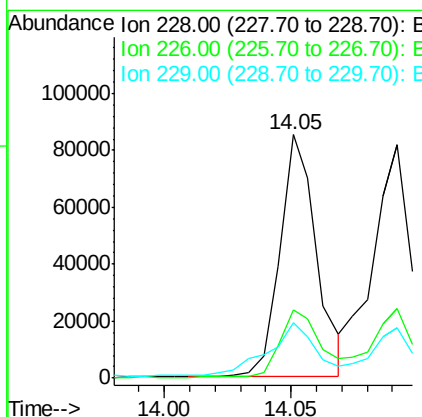
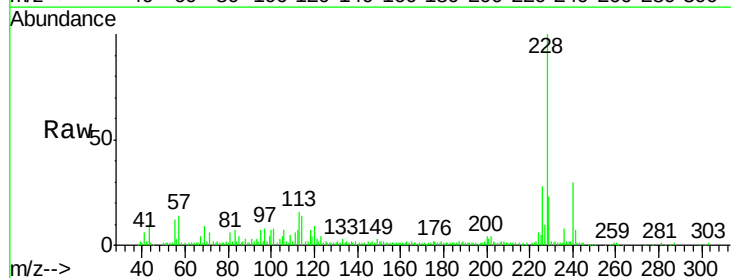
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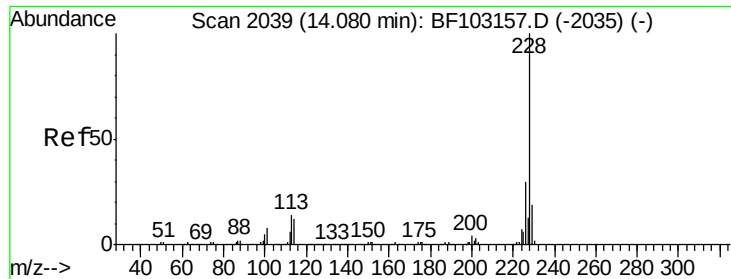
Sohil
 3/7/2018 12:15:16 PM



#80
 Benzo(a)anthracene
 Concen: 5.463 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF103456.D
 Acq: 6 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	23.0	15.8	23.6





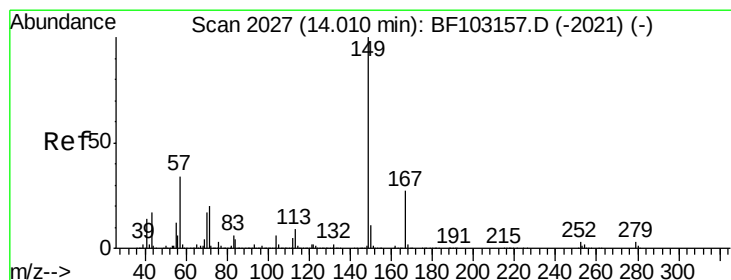
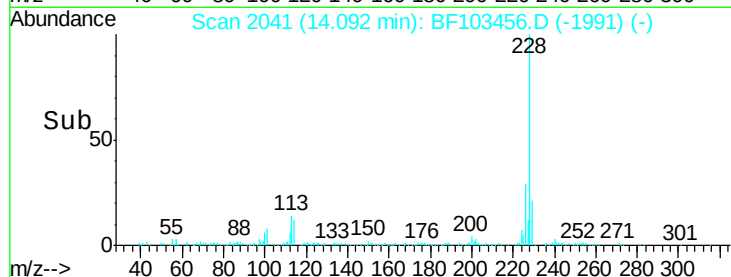
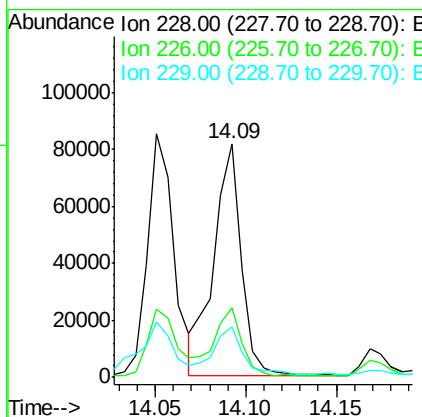
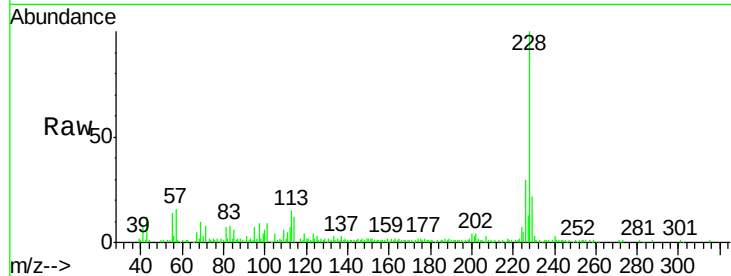
#82
Chrysene
Concen: 5.672 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103456.D
Acq: 6 Mar 2018 15:24

Instrument :
BNA_F
ClientSampled :
TP-7

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	21.8	16.2	24.4

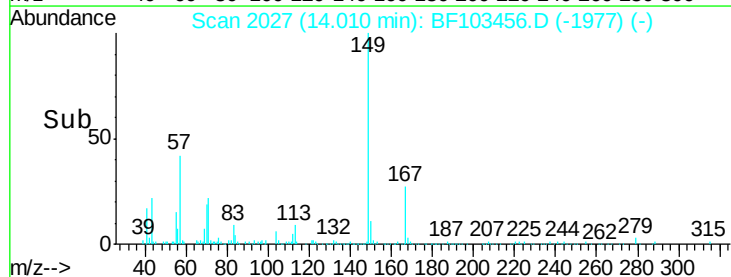
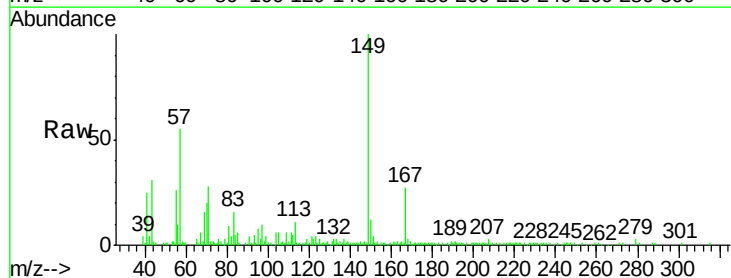
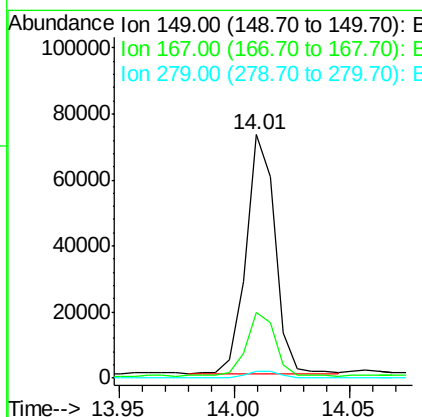
Manual Integrations
APPROVED

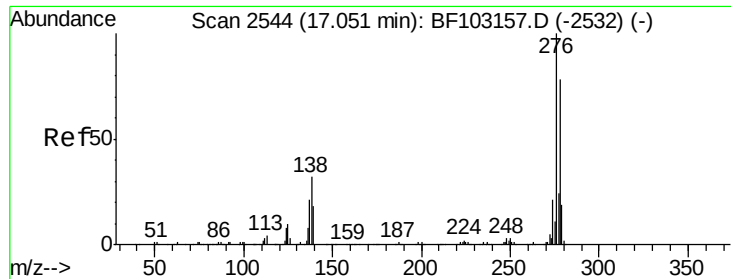
Sohil
3/7/2018 12:15:16 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 4.729 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF103456.D
Acq: 6 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	2.7	3.0	4.4#





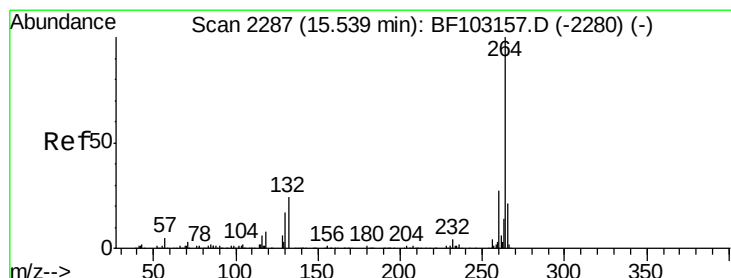
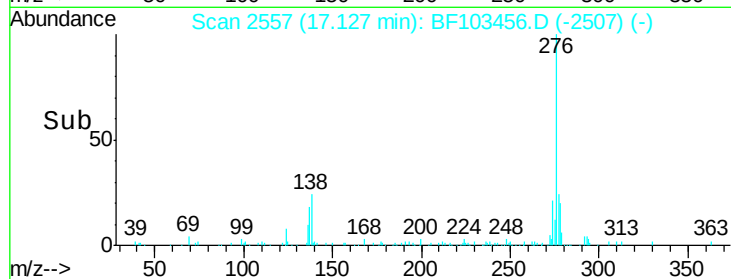
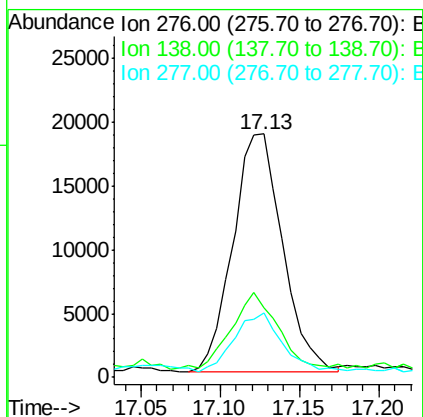
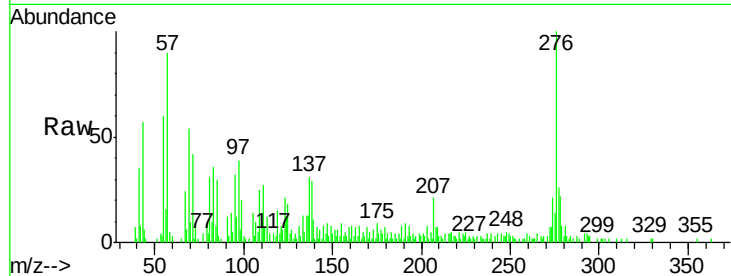
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.393 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103456.D
Acq: 6 Mar 2018 15:24

Instrument :
BNA_F
ClientSampled :
TP-7

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.0	37.6
277	23.6	20.1	30.1

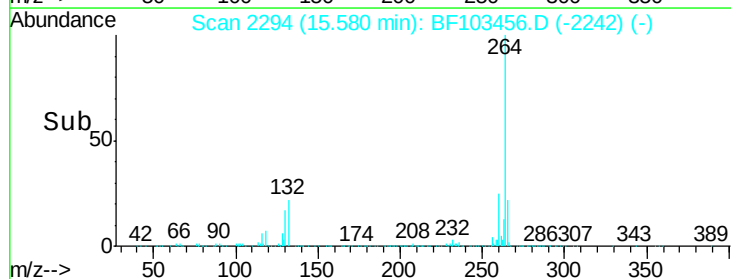
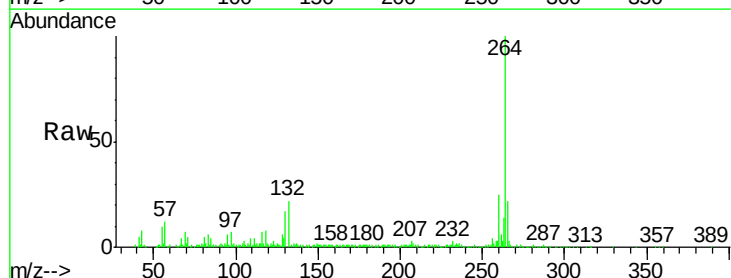
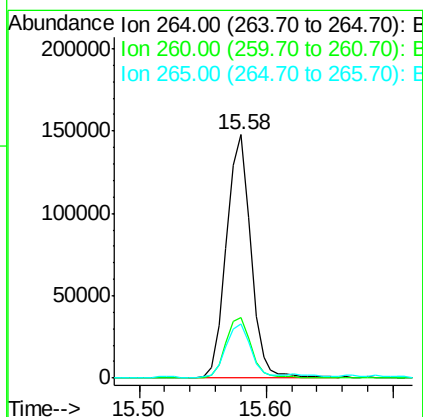
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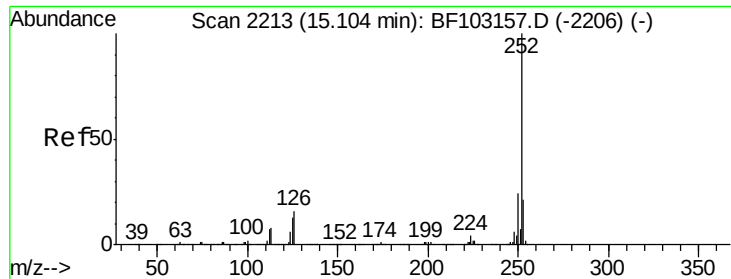
Sohil
3/7/2018 12:15:16 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103456.D
Acq: 6 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.2	17.5	26.3





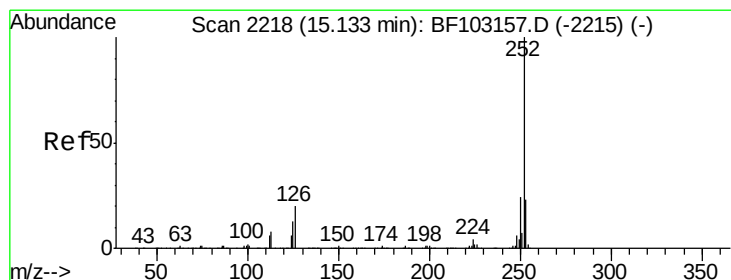
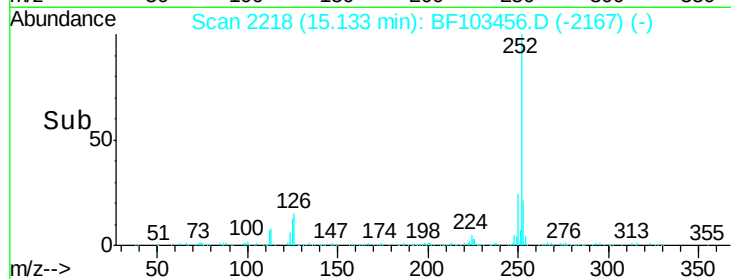
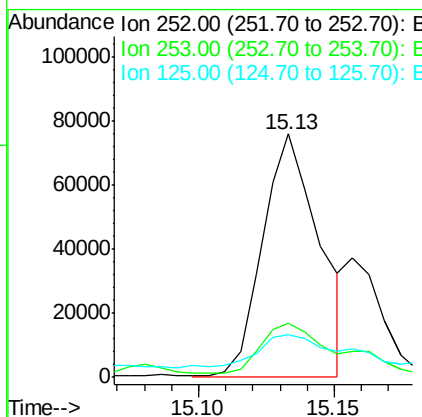
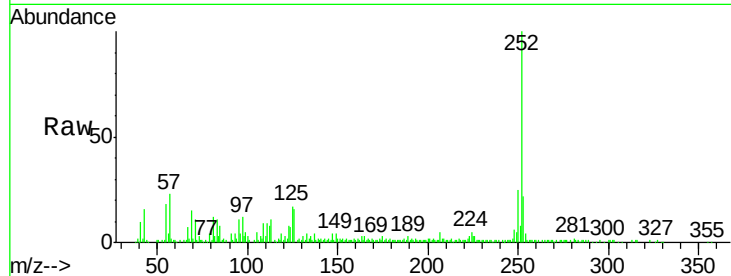
#87
Benzo(b)fluoranthene
Concen: 8.413 ng m
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103456.D
Acq: 6 Mar 2018 15:24

Instrument :
BNA_F
ClientSampled :
TP-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	17.5	9.0	13.6#

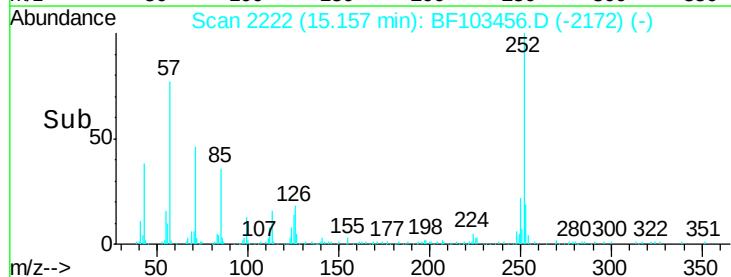
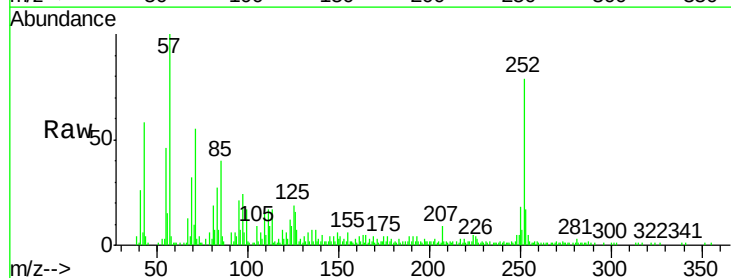
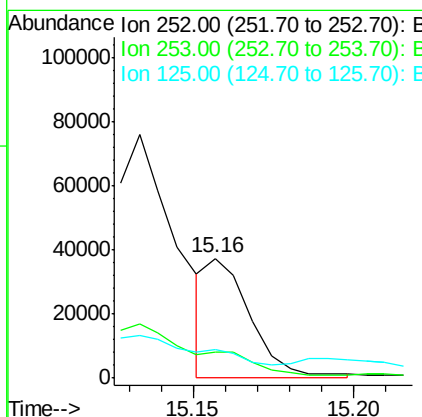
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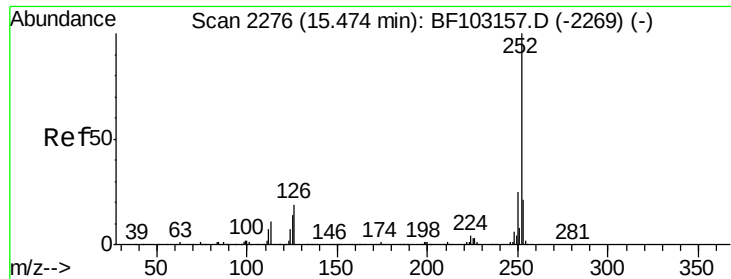
Sohil
3/7/2018 12:15:16 PM



#88
Benzo(k)fluoranthene
Concen: 2.892 ng m
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF103456.D
Acq: 6 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	24.1	10.2	15.2#





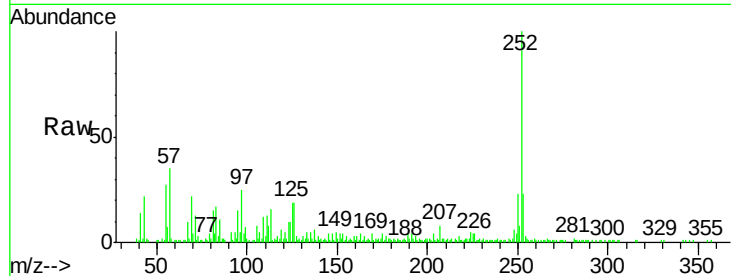
#89
Benzo(a)pyrene
Concen: 6.052 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF103456.D
Acq: 6 Mar 2018 15:24

Instrument :
BNA_F
ClientSampled :
TP-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	18.7	9.8	14.6

Manual Integrations
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Sohil
3/7/2018 12:15:16 PM

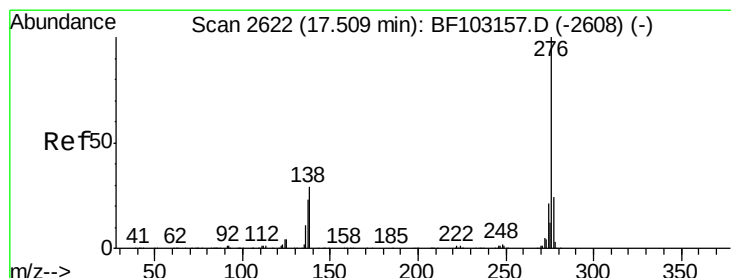
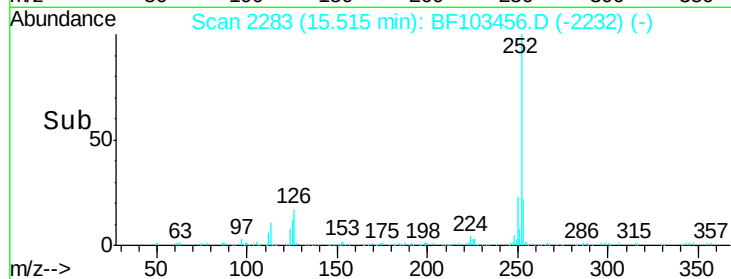
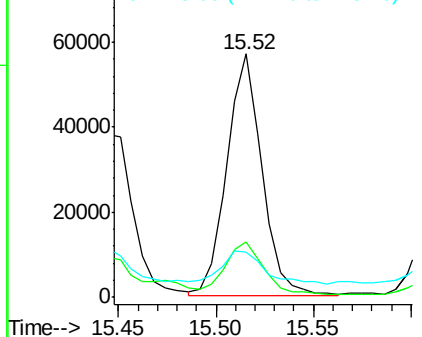


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 5.115 ng
RT: 17.60 min Scan# 2637
Delta R.T. 0.00 min
Lab File: BF103456.D
Acq: 6 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	17.9	26.9
138	34.2	21.8	32.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

