

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099664.D
 Acq On : 19 Oct 2017 18:36
 Operator : SJ/JU
 Sample : I5879-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1(6-8)

Manual Integrations
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Quant Time: Oct 20 13:18:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	94248	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	393606	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	179437	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	303871	20.00	ng	0.00
75) Chrysene-d12	13.98	240	157670	20.00	ng	0.00
86) Perylene-d12	15.44	264	163648	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	685469	115.78	ng	0.01
7) Phenol-d6	6.47	99	822285	112.59	ng	0.00
23) Nitrobenzene-d5	7.39	82	479480	78.12	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	168029	114.44	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	917043	85.32	ng	0.00
78) Terphenyl-d14	12.92	244	641686	92.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.48	94	34126	4.178	ng	96
49) Dimethylphthalate	9.57	163	32332	2.387	ng	98
70) Phenanthrene	11.36	178	101687	6.252	ng	98
74) Fluoranthene	12.56	202	165892	10.072	ng	97
77) Pyrene	12.79	202	153030	12.728	ng	98
80) Benzo(a)anthracene	13.97	228	45969	4.815	ng	99
82) Chrysene	14.01	228	48079	5.290	ng	96
85) Indeno(1,2,3-cd)pyrene	16.91	276	28557	3.928	ng	97
87) Benzo(b)fluoranthene	15.02	252	57767m	5.741	ng	
89) Benzo(a)pyrene	15.39	252	42483	4.600	ng	97
91) Benzo(a,h,i)perylene	17.36	276	28251	3.867	ng	96

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

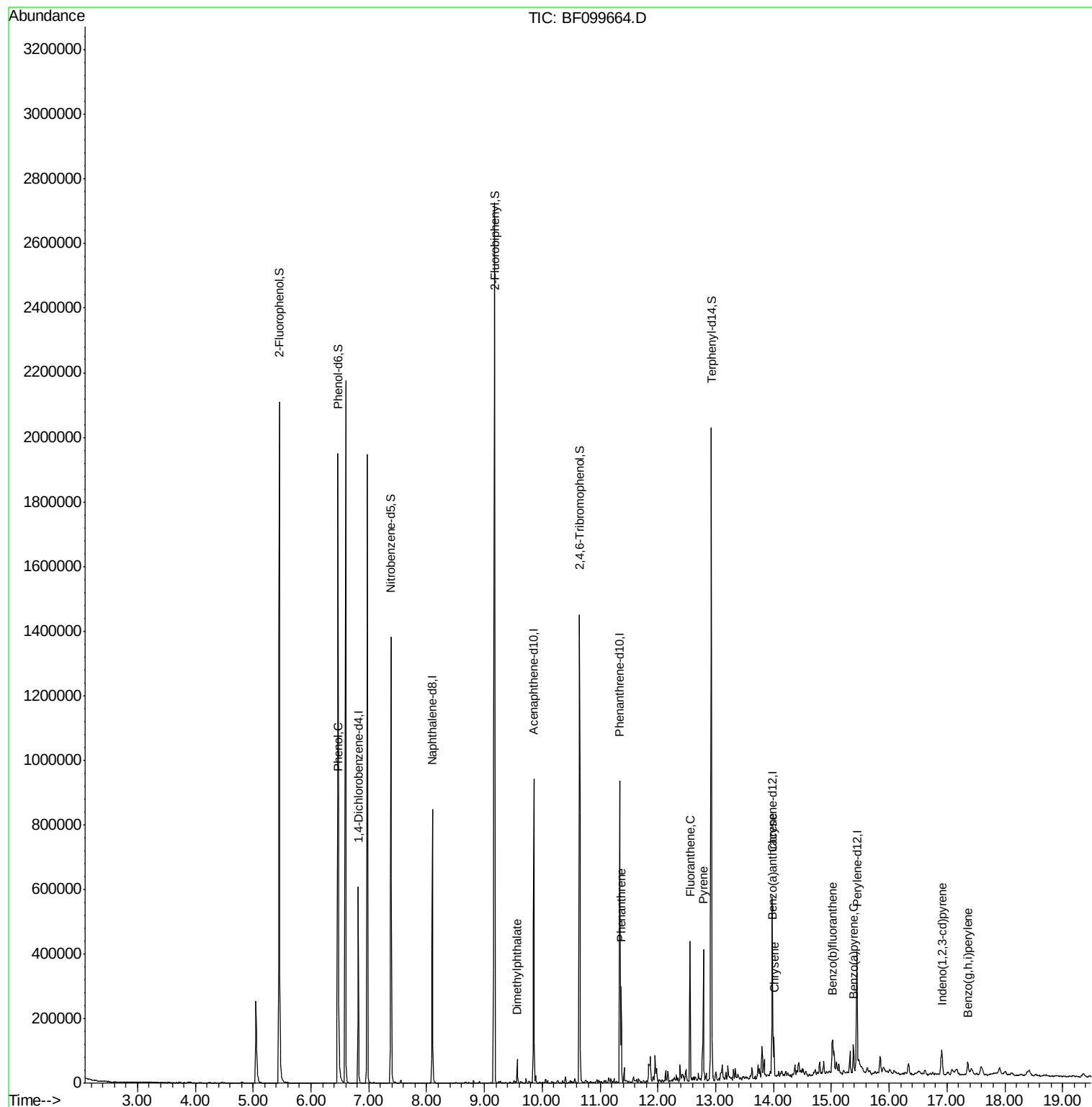
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099664.D
Acq On : 19 Oct 2017 18:36
Operator : SJ/JU
Sample : I5879-07
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ALS Vial : 5 Sample Multiplier: 1

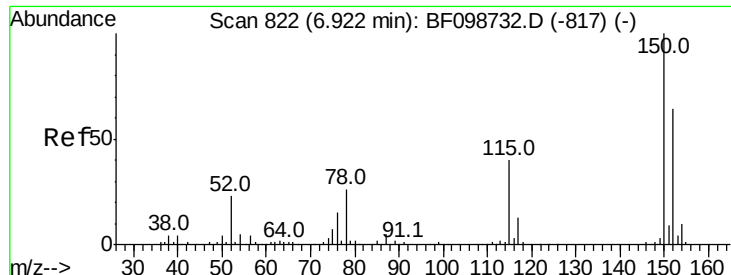
Instrument :
BNA_F
ClientSampleId :
TP-1(6-8)

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Quant Time: Oct 20 13:18:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

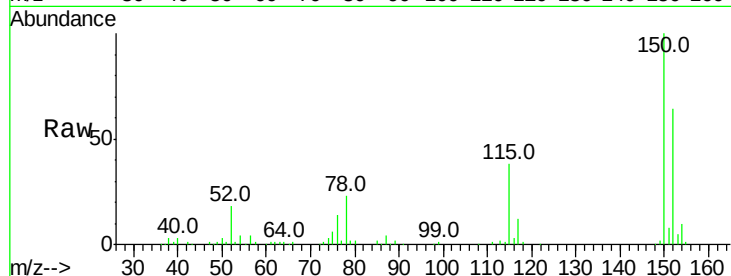
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :
TP-1(6-8)

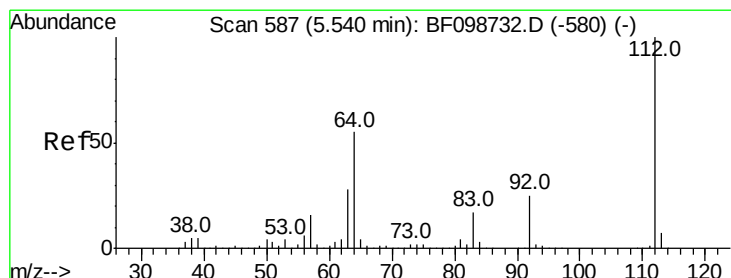
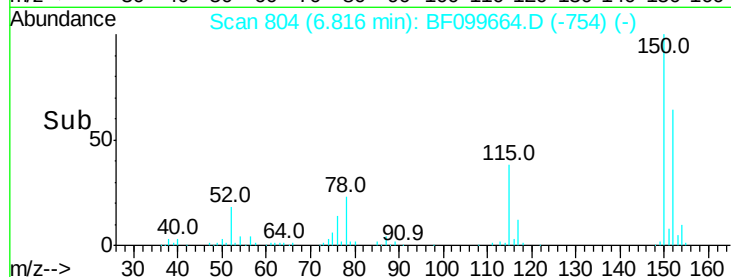
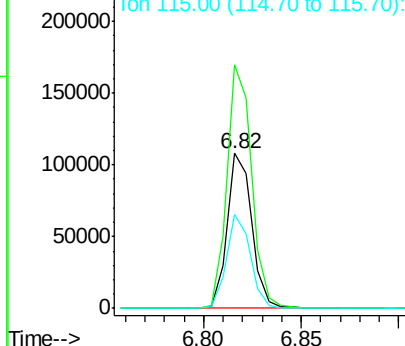
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	60.3	50.1	75.1

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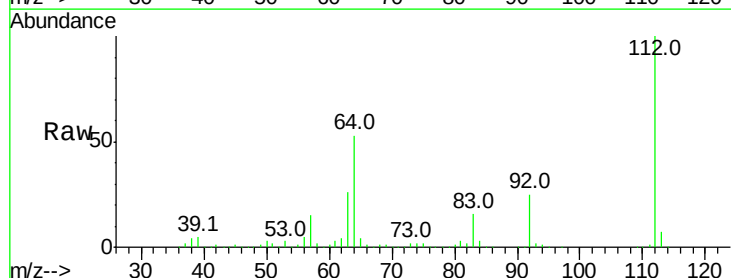
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



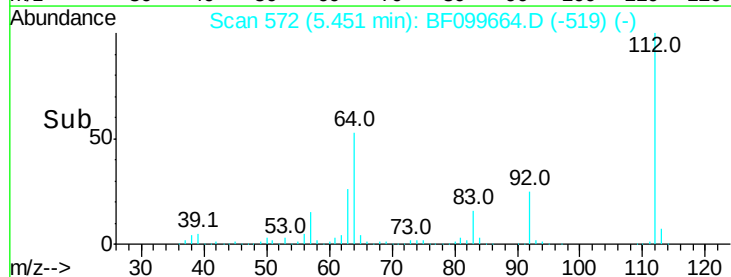
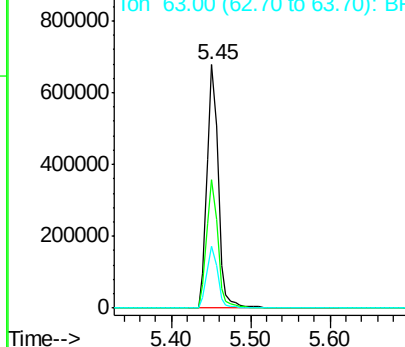
#5

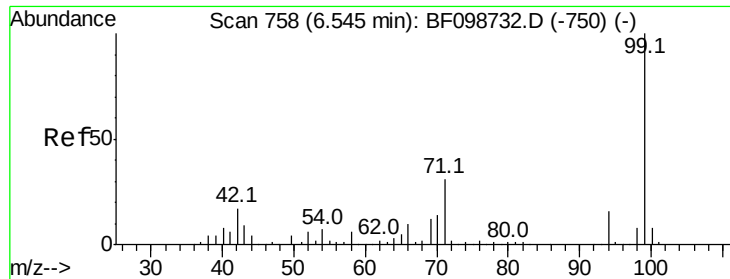
2-Fluorophenol
Concen: 115.779 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	47.9	71.9
63	25.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.587 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF099664.D

Acq: 19 Oct 2017 18:36

Instrument :

BNA_F

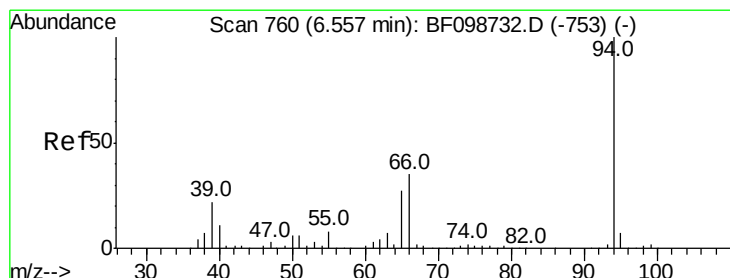
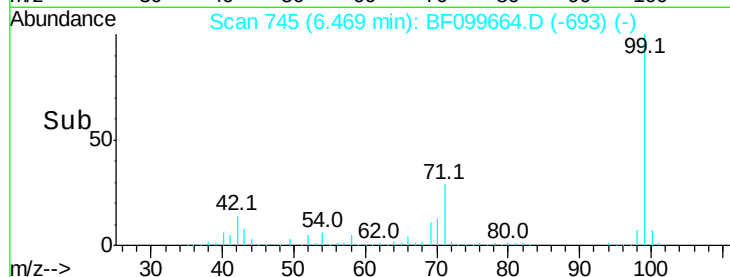
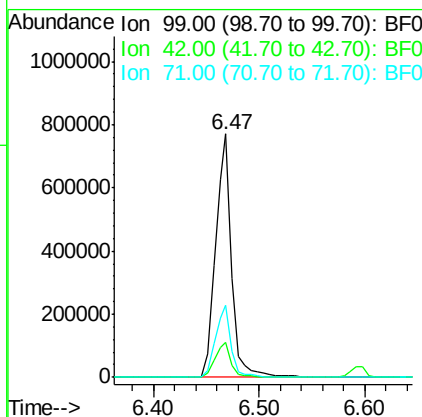
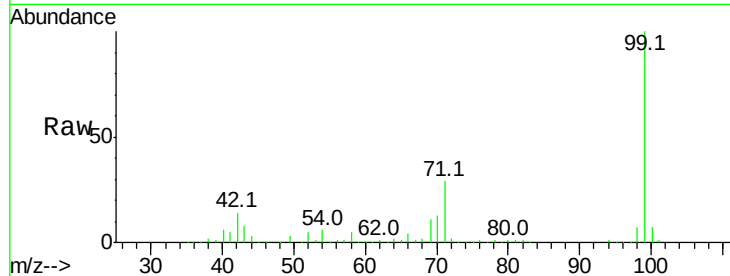
ClientSampleId :

TP-1(6-8)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		822285		
42	14.2	14.5	21.7#		
71	29.5	25.4	38.0		

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#10

Phenol

Concen: 4.178 ng

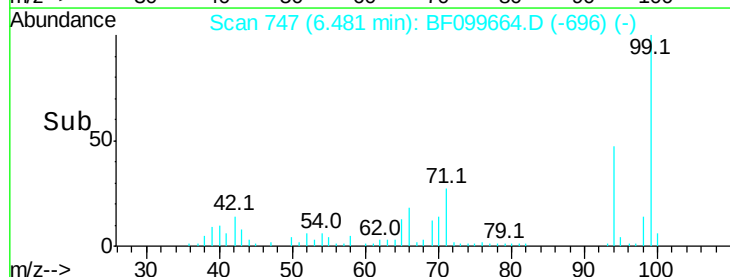
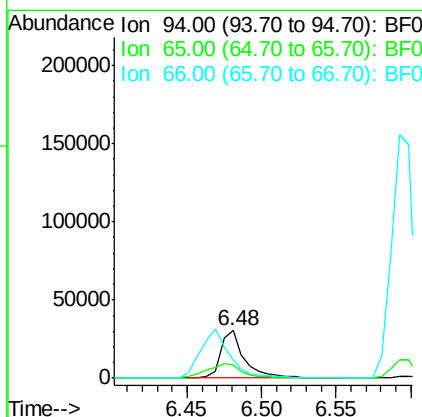
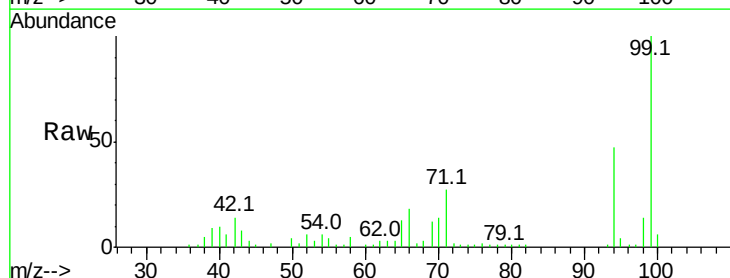
RT: 6.48 min Scan# 747

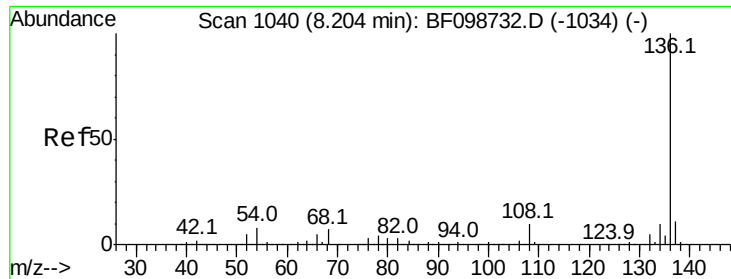
Delta R.T. -0.00 min

Lab File: BF099664.D

Acq: 19 Oct 2017 18:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		34126		
65	27.0	7.9	47.9		
66	39.4	16.2	56.2		





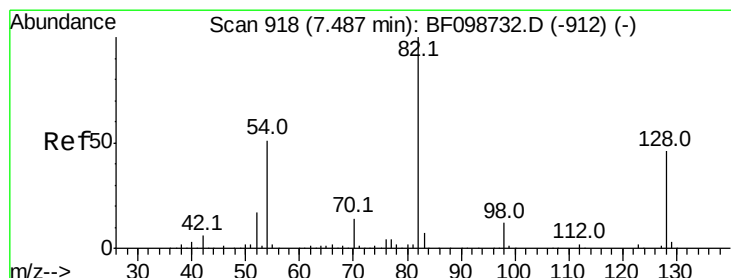
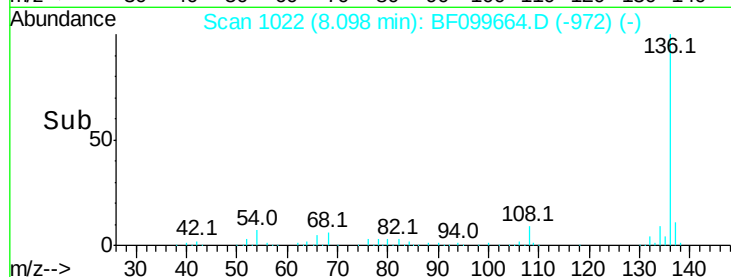
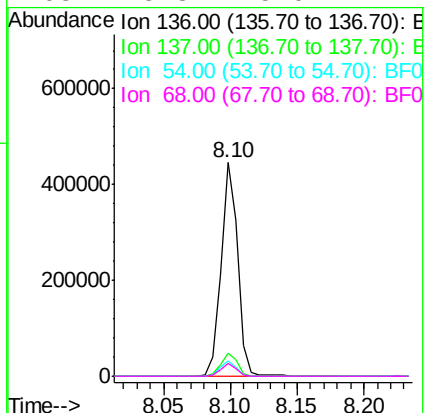
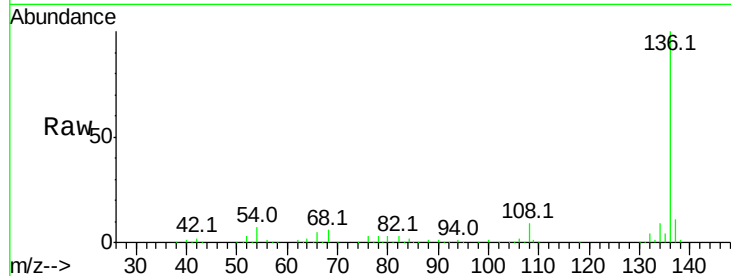
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :
TP-1(6-8)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	393606		
137	11.0		8.9	13.3
54	7.0		6.6	9.8
68	5.8		5.0	7.4

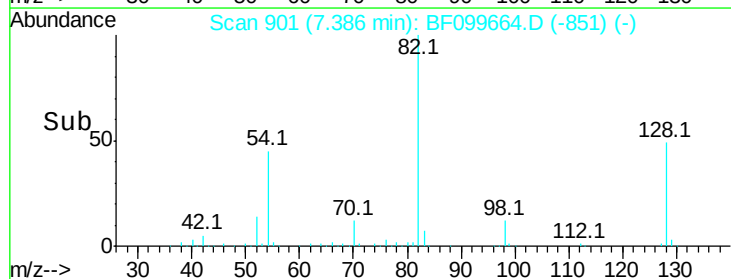
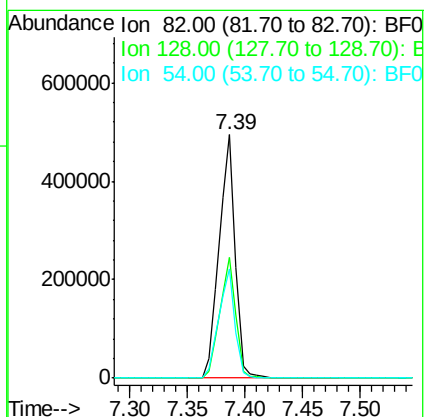
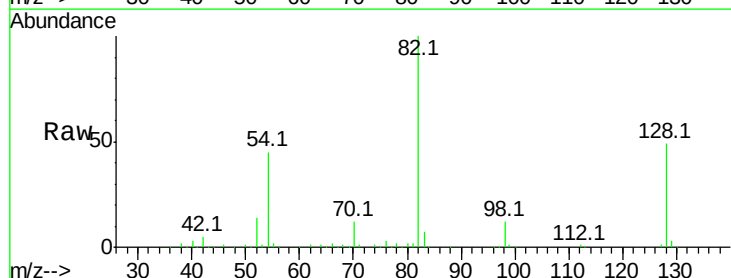
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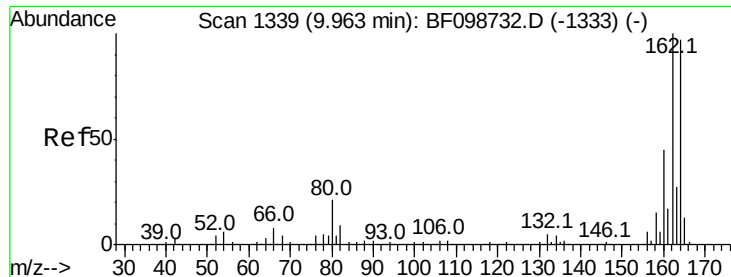
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#23
Nitrobenzene-d5
Concen: 78.122 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	479480		
128	49.5		36.1	54.1
54	44.7		41.4	62.2





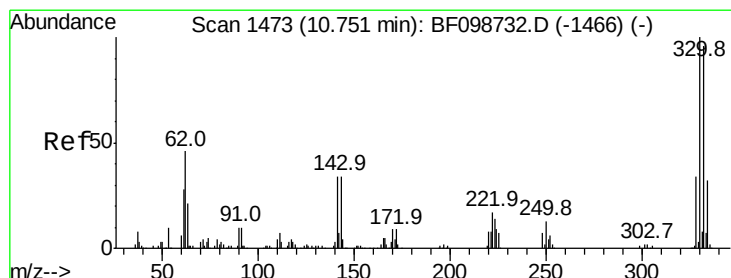
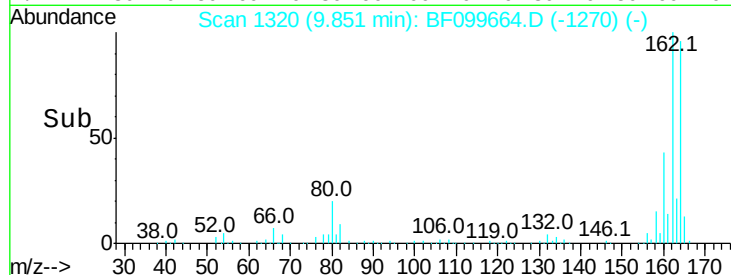
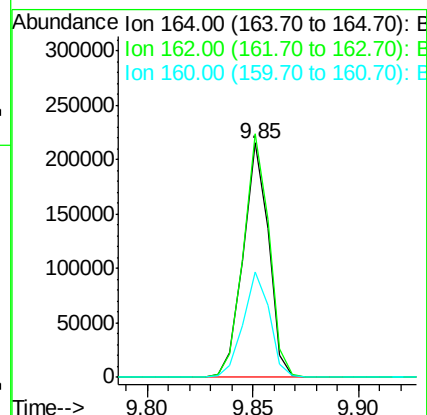
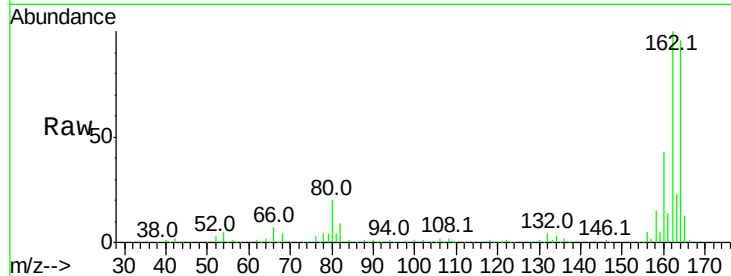
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampled :
TP-1(6-8)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	179437		
162	103.8	86.1	129.1	
160	44.8	38.3	57.5	

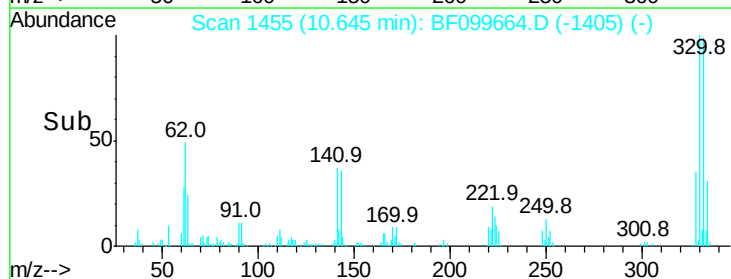
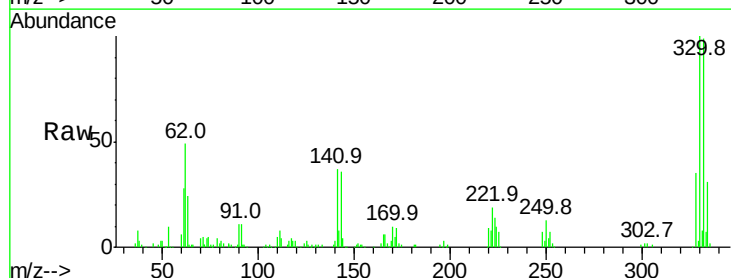
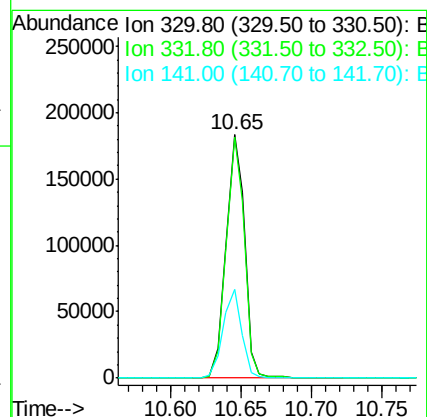
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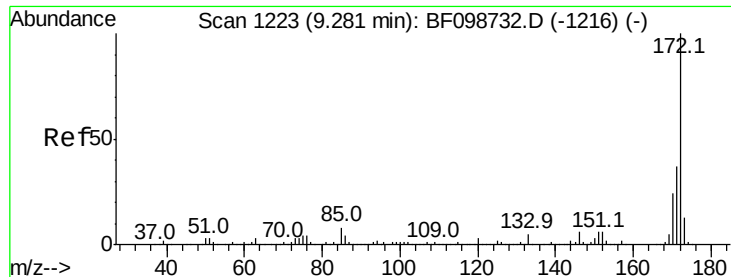
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#41
2,4,6-Tribromophenol
Concen: 114.439 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	168029		
332	97.2	77.0	115.6	
141	36.6	29.9	44.9	





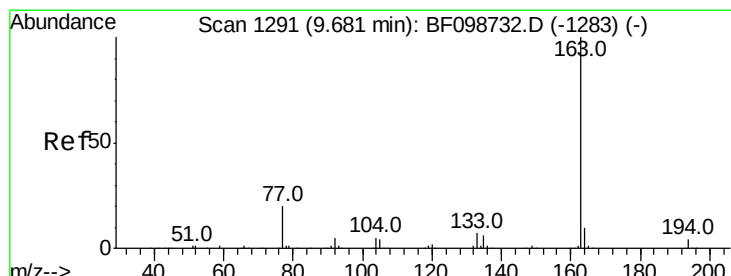
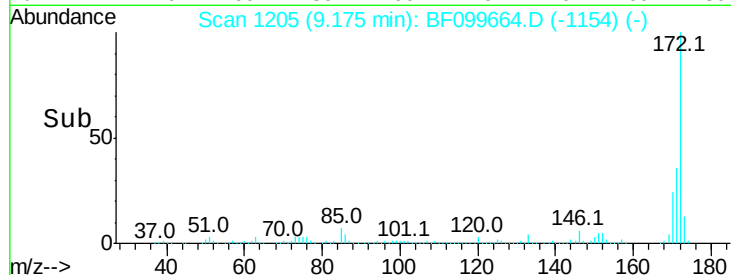
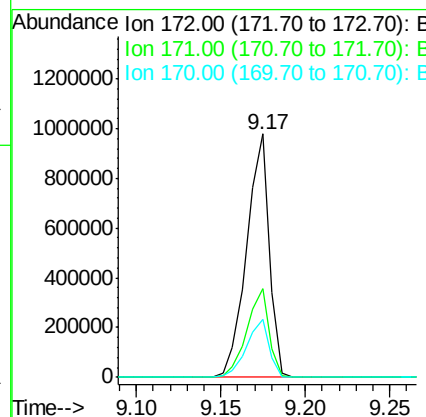
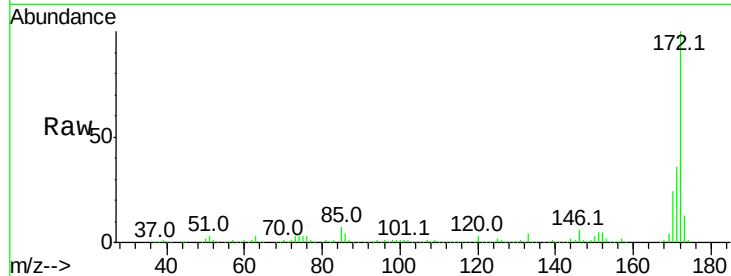
#44
 2-Fluorobiphenyl
 Concen: 85.318 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF099664.D
 Acq: 19 Oct 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-1(6-8)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

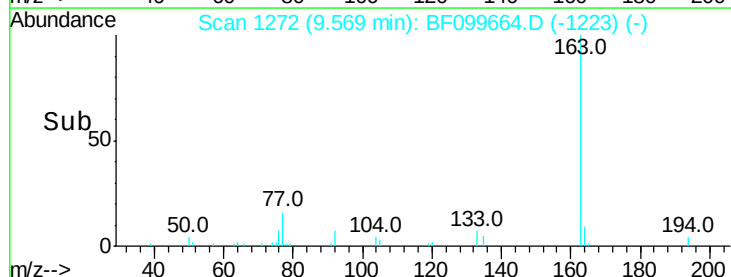
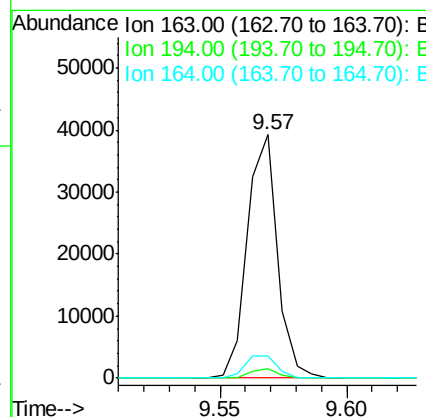
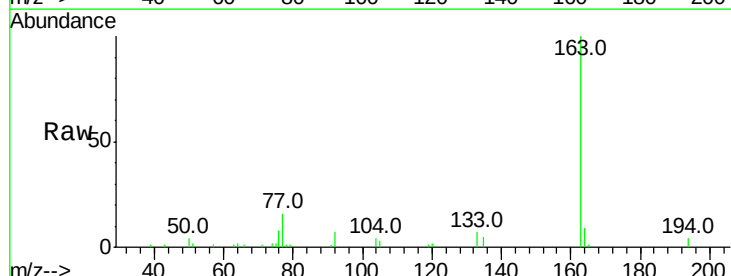
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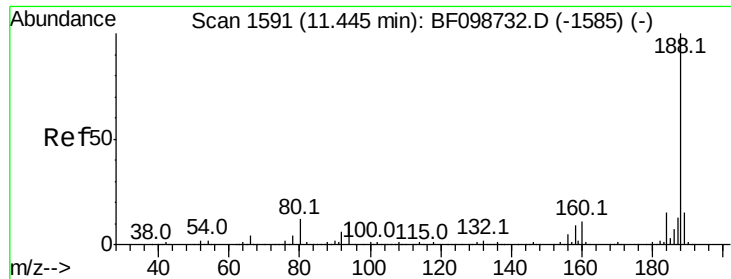
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#49
 Dimethylphthalate
 Concen: 2.387 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF099664.D
 Acq: 19 Oct 2017 18:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.1	8.2	12.2





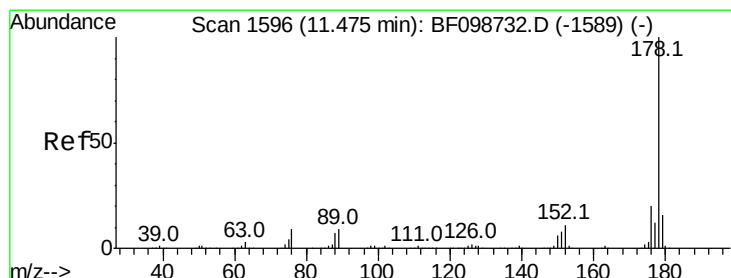
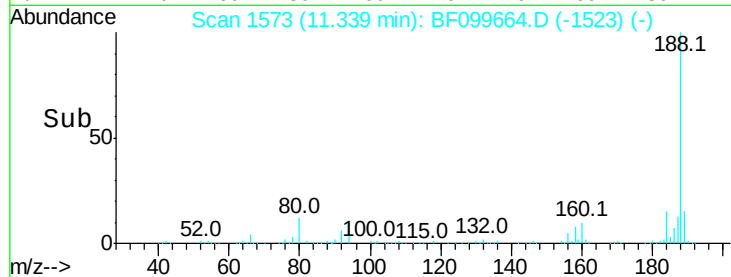
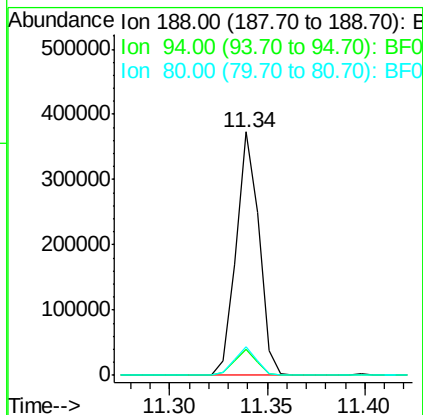
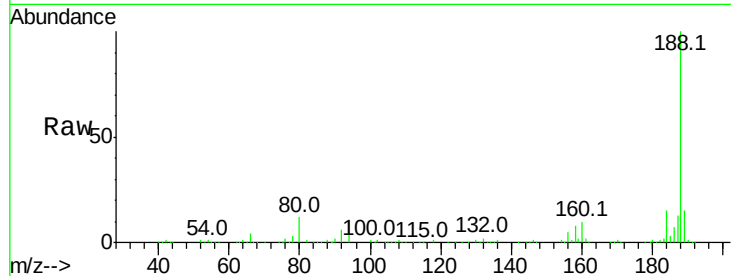
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099664.D
 Acq: 19 Oct 2017 18:36

Instrument :
 BNA_F
 ClientSampled :
 TP-1(6-8)

Tot Ion:	188	Resp:	303871
Ion Ratio	Lower	Upper	
188	100		
94	10.6	8.5	12.7
80	11.7	9.2	13.8

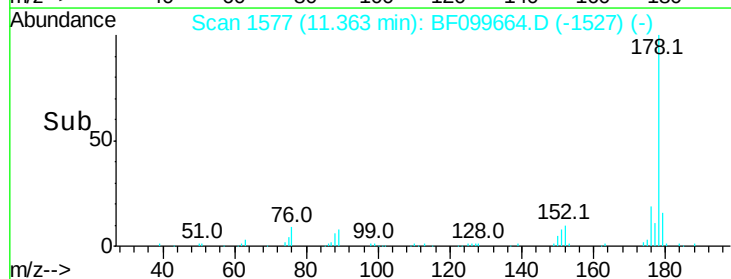
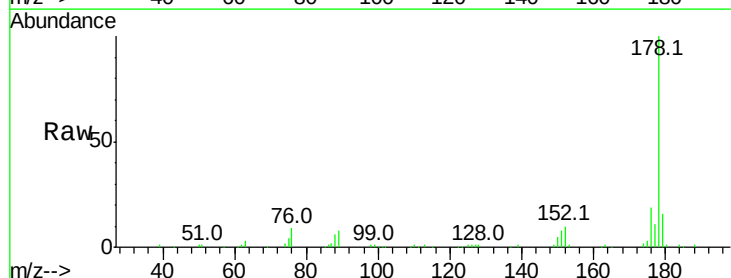
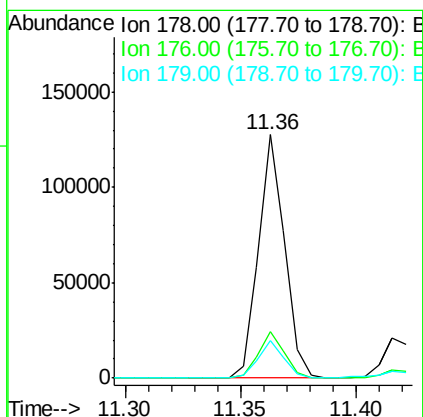
Manual Integrations
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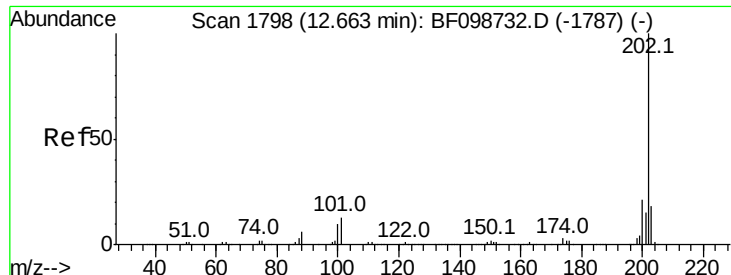
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#70
 Phenanthrene
 Concen: 6.252 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF099664.D
 Acq: 19 Oct 2017 18:36

Tgt Ion:	178	Resp:	101687
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.8	23.8
179	15.5	13.0	19.6





#74

Fluoranthene

Concen: 10.072 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF099664.D

Acq: 19 Oct 2017 18:36

Instrument :

BNA_F

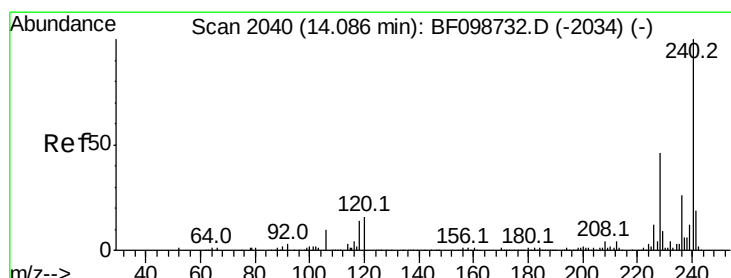
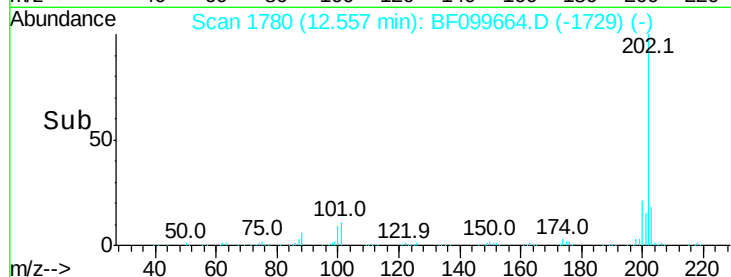
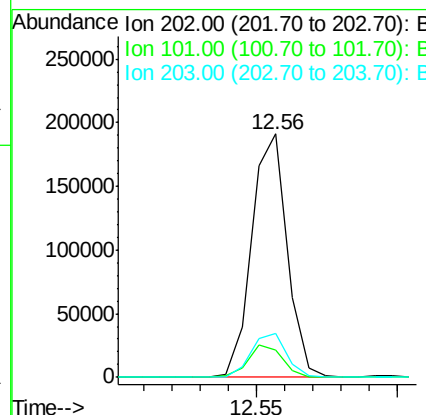
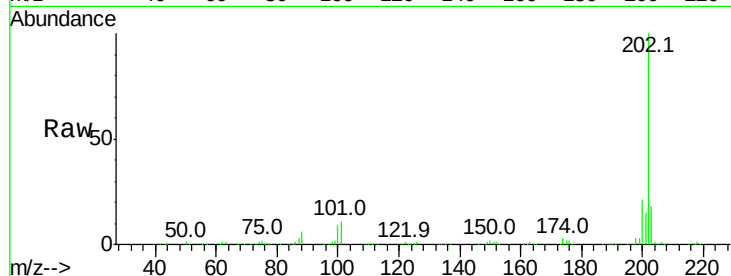
ClientSampled :

TP-1(6-8)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	34.1
203	18.1	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

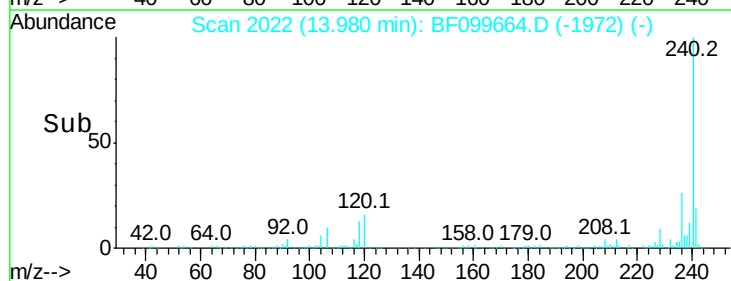
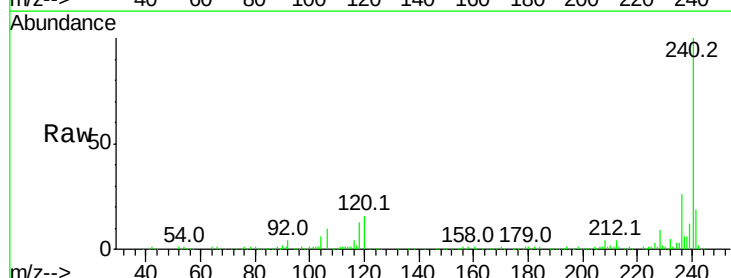
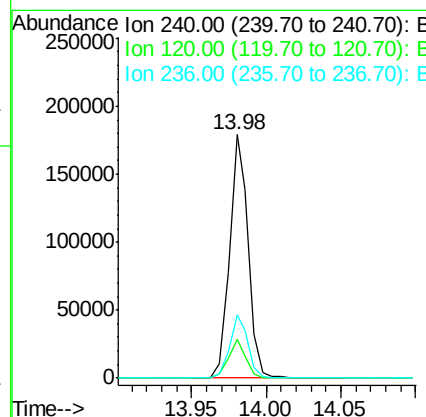
RT: 13.98 min Scan# 2022

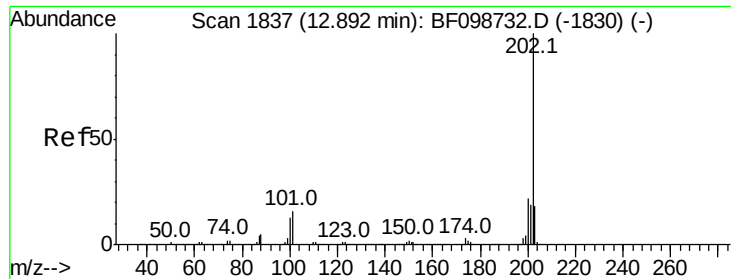
Delta R.T. -0.01 min

Lab File: BF099664.D

Acq: 19 Oct 2017 18:36

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	26.2	20.7	31.1





#77

Pvrene

Concen: 12.728 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF099664.D

Acq: 19 Oct 2017 18:36

Instrument :

BNA_F

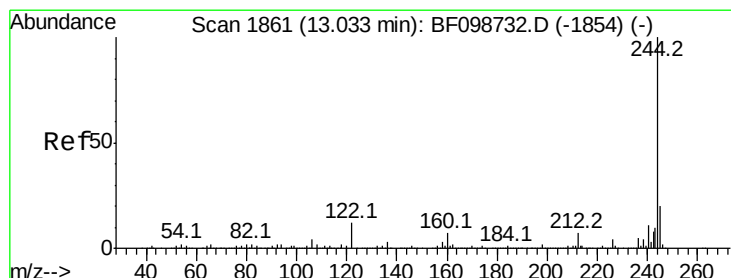
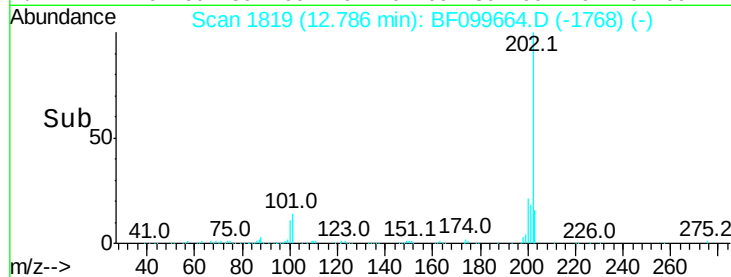
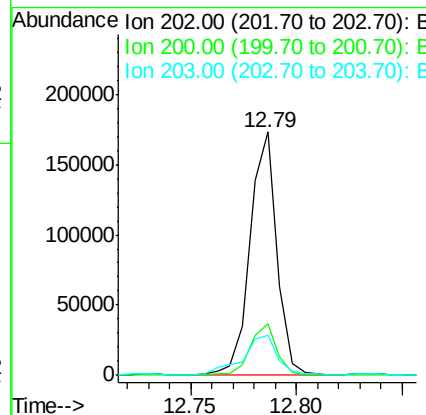
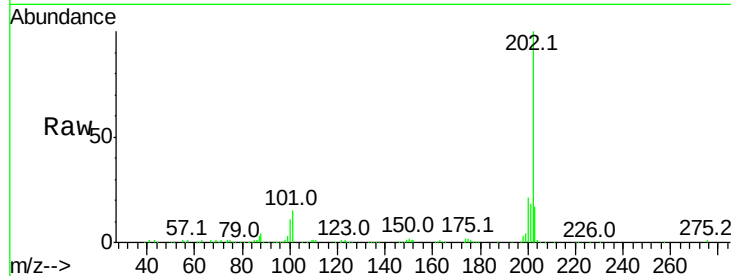
ClientSampleId :

TP-1(6-8)

Tot Ion:	202	Resp:	153030
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	16.6	14.3	21.5

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10/23/2017 3:15:50 PM



#78

Terphenyl-d14

Concen: 92.556 ng

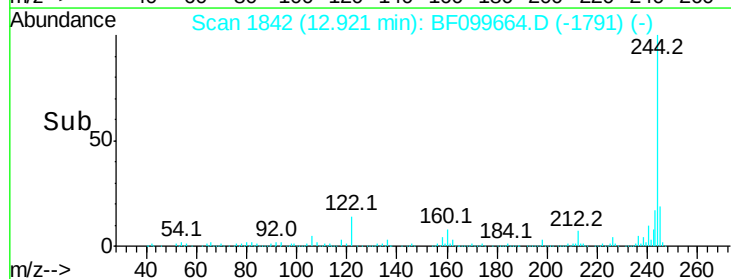
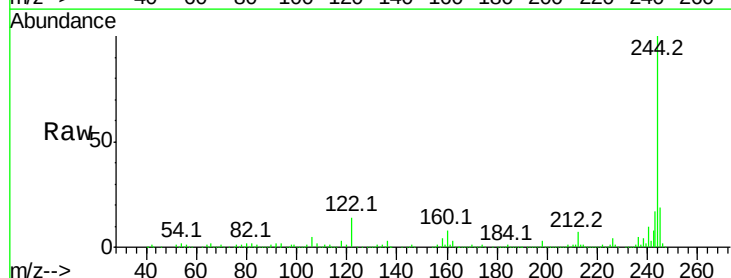
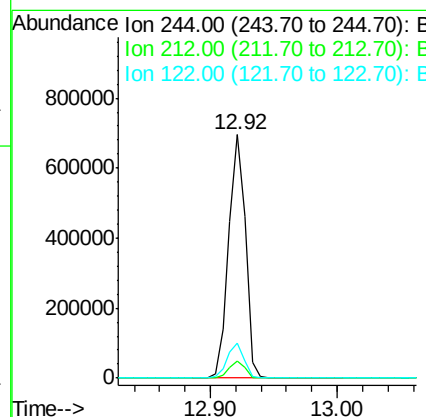
RT: 12.92 min Scan# 1842

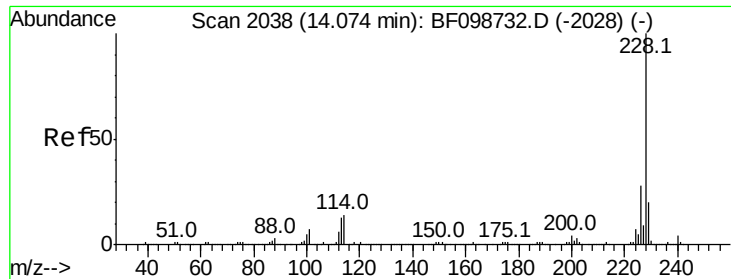
Delta R.T. -0.00 min

Lab File: BF099664.D

Acq: 19 Oct 2017 18:36

Tgt Ion:	244	Resp:	641686
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	14.3	11.0	16.4





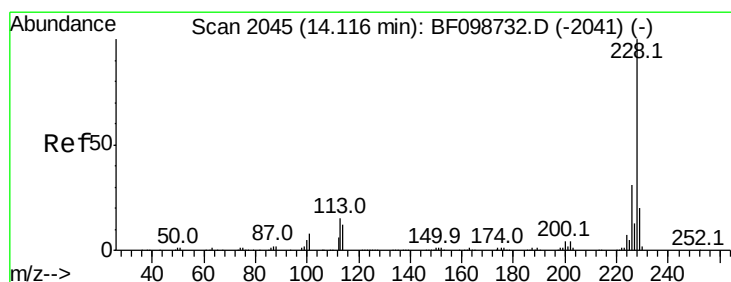
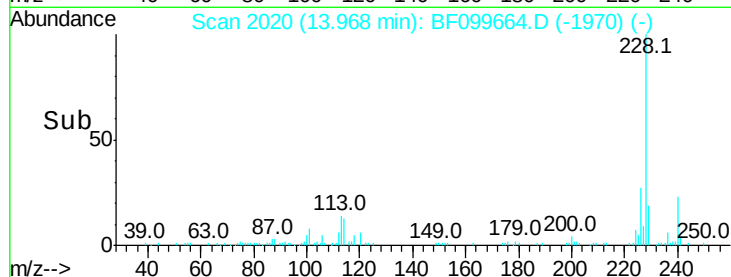
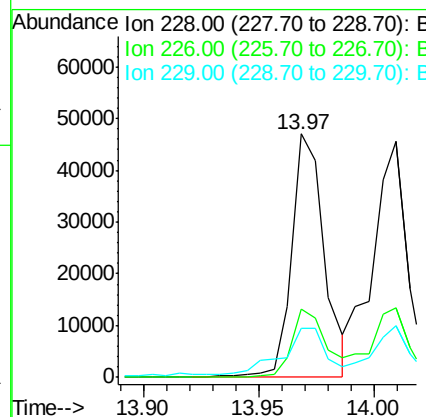
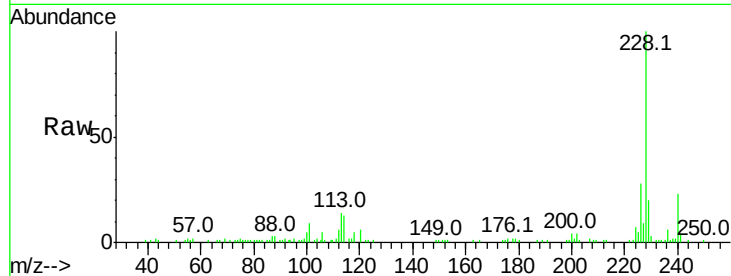
#80
Benzo(a)anthracene
Concen: 4.815 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :
TP-1(6-8)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.3	15.8	23.6

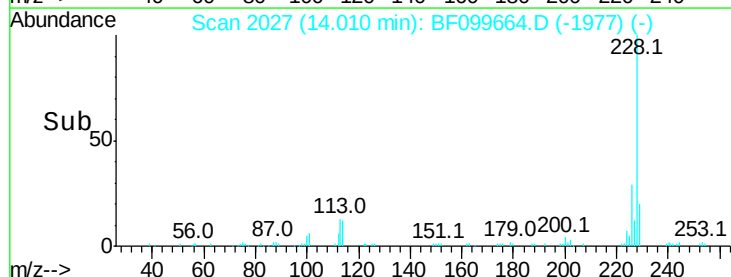
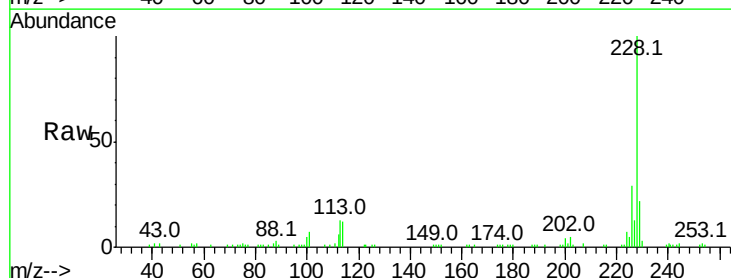
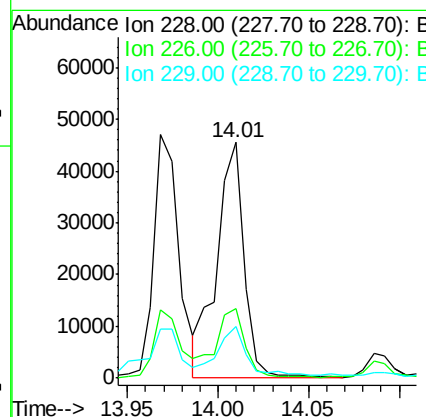
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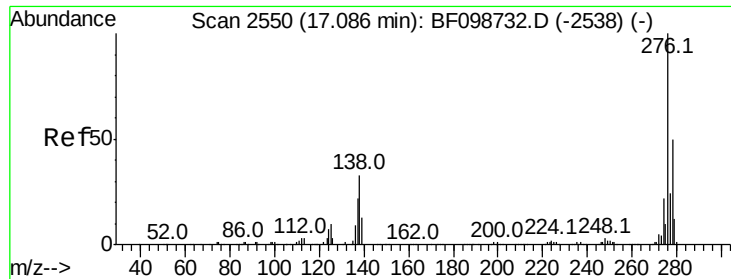
Sohil
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#82
Chrysene
Concen: 5.290 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	22.2	16.2	24.4





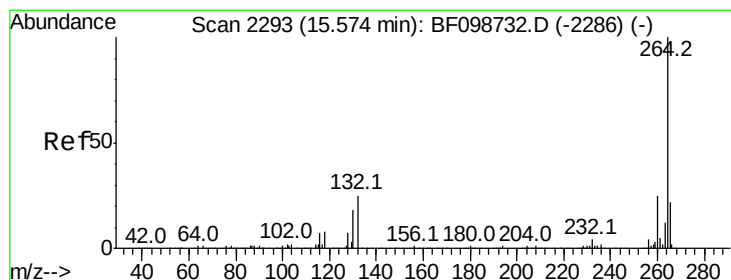
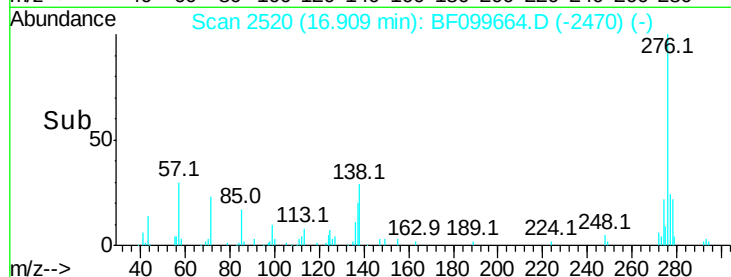
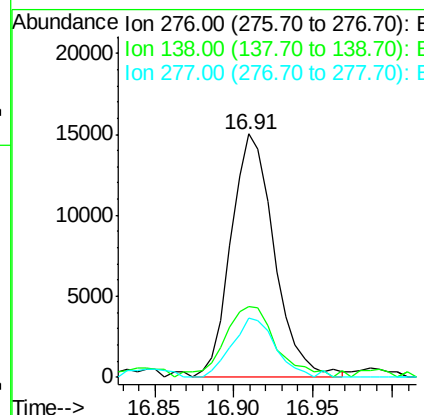
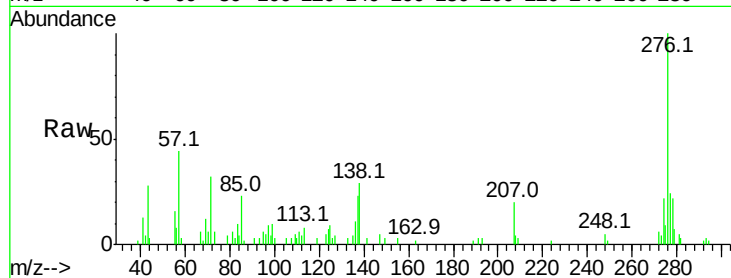
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.928 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :
TP-1(6-8)

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.0	37.6
277	24.7	20.1	30.1

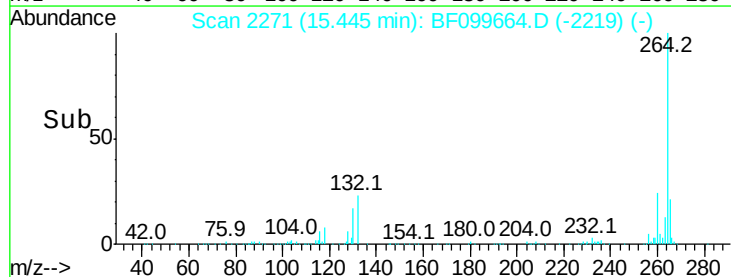
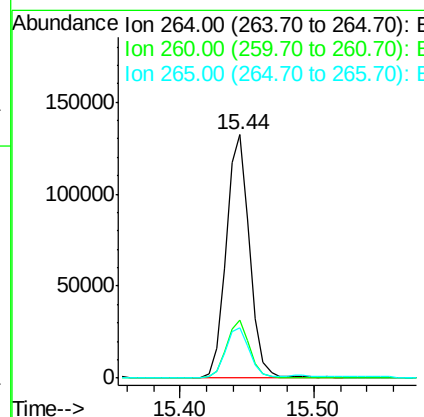
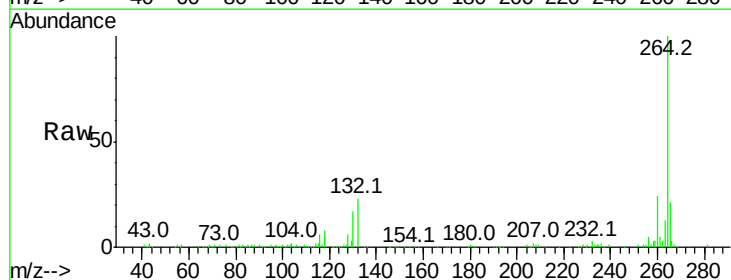
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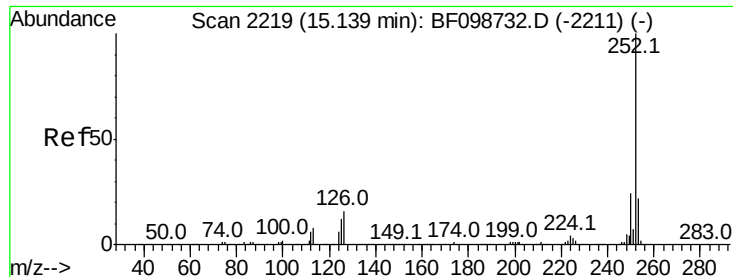
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.5	26.3





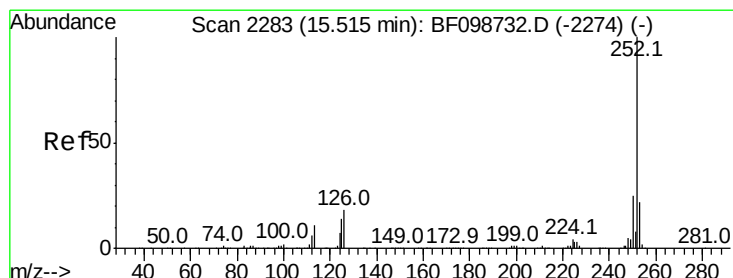
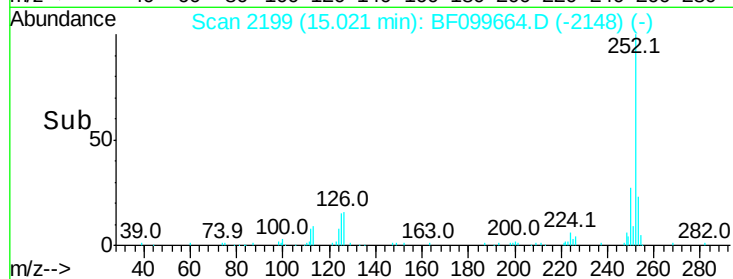
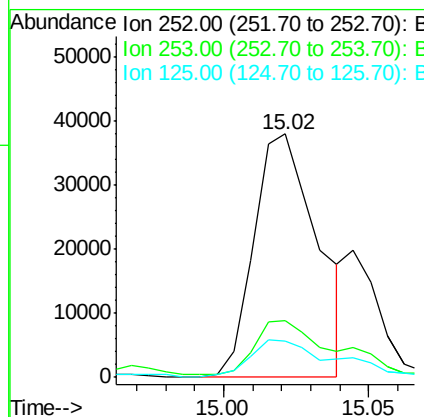
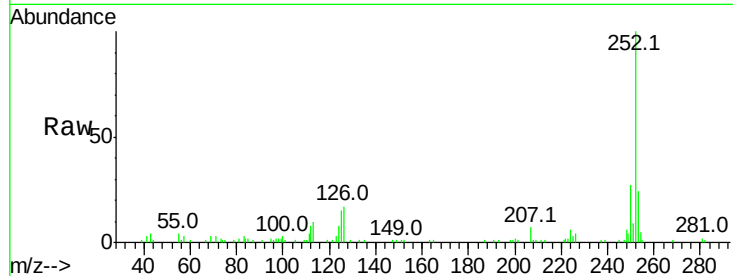
#87
Benzo(b)fluoranthene
Concen: 5.741 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampled :
TP-1(6-8)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	14.8	9.0	13.6

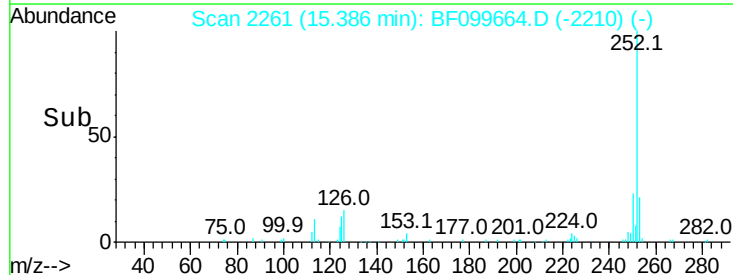
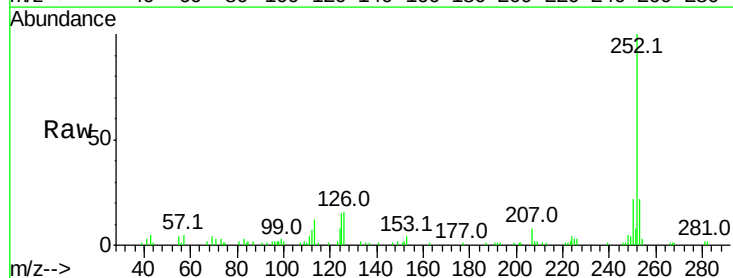
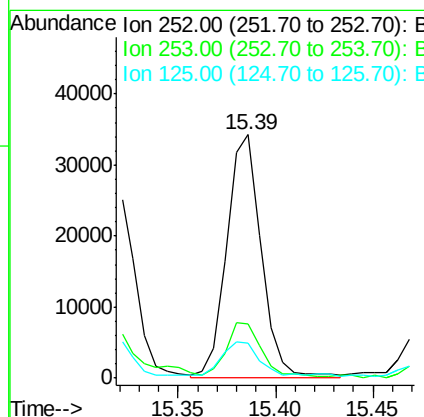
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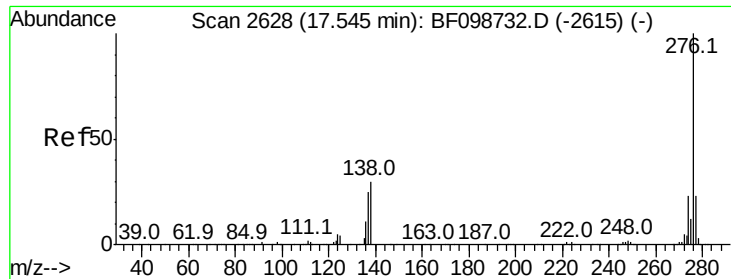
Sohil
10/23/2017 3:15:50 PM



#89
Benzo(a)pyrene
Concen: 4.600 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.6	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.867 ng
 RT: 17.36 min Scan# 2597
 Delta R.T. 0.01 min
 Lab File: BF099664.D
 Acq: 19 Oct 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-1(6-8)

Tot Ion:	276	Resp:	28251
Ion Ratio		Lower	Upper
276	100		
277	23.9	17.9	26.9
138	29.9	21.8	32.8

Manual Integrations
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Sohil
 10/23/2017 3:15:50 PM

