

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097602.D
 Acq On : 11 Aug 2017 19:08
 Operator : SJ/JU
 Sample : I4730-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013

Manual Integrations
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Quant Time: Aug 12 02:08:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	94613	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	404954	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	174873	20.00	ng	0.00
63) Phenanthrene-d10	14.76	188	300610	20.00	ng	0.00
75) Chrysene-d12	18.46	240	205476	20.00	ng	0.00
86) Perylene-d12	20.13	264	160017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	506126	85.03	ng	0.00
7) Phenol-d6	7.05	99	602912	81.65	ng	-0.01
23) Nitrobenzene-d5	8.42	82	361967	56.05	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	106595	80.19	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	578565	49.93	ng	0.00
78) Terphenyl-d14	17.12	244	437621	44.08	ng	0.00
Target Compounds						
10) Phenol	7.07	94	20713	2.562	ng	Qvalue # 30
49) Dimethylphthalate	12.01	163	90903	6.745	ng	99
70) Phenanthrene	14.80	178	36579	2.113	ng	97
74) Fluoranthene	16.57	202	152321	9.736	ng	97
77) Pyrene	16.87	202	119631	7.040	ng	95
80) Benzo(a)anthracene	18.44	228	40908	3.409	ng	97
82) Chrysene	18.50	228	53376	4.472	ng	98
85) Indeno(1,2,3-cd)pyrene	21.37	276	24689	2.659	ng	97
87) Benzo(b)fluoranthene	19.73	252	52915m	5.507	ng	
88) Benzo(k)fluoranthene	19.77	252	21265m	2.197	ng	
89) Benzo(a)pyrene	20.08	252	31668	3.591	ng	# 95
91) Benzo(a,h,i)perylene	21.73	276	23194	3.348	ng	95

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

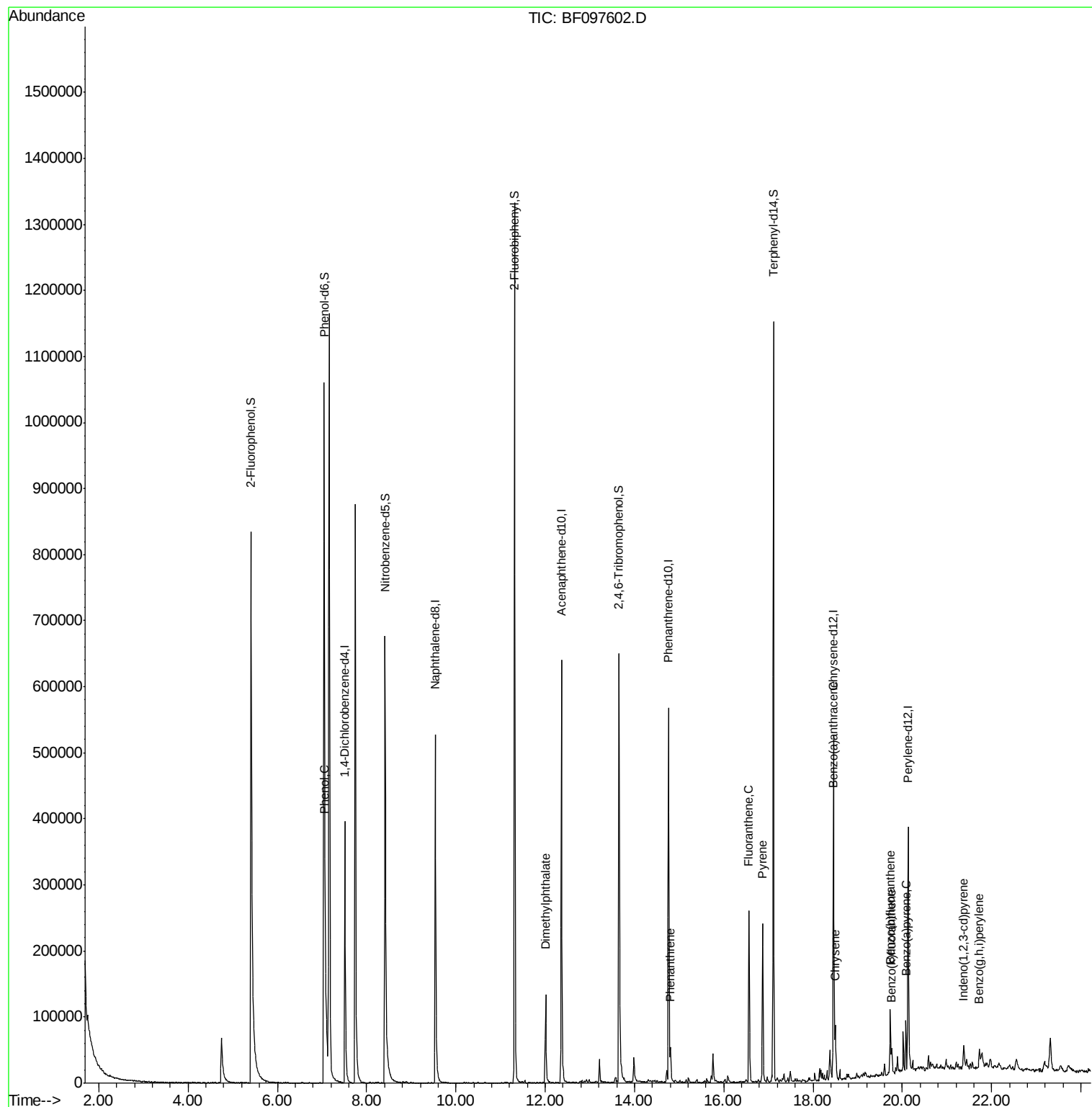
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
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Sample : I4730-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

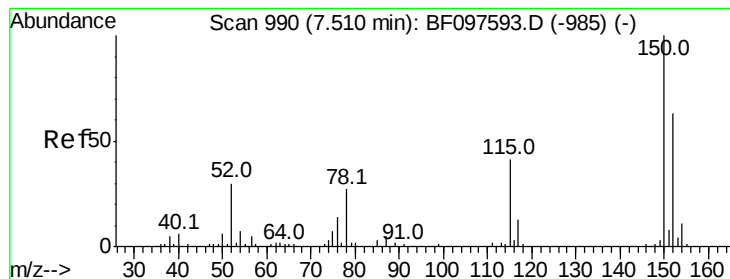
Instrument :
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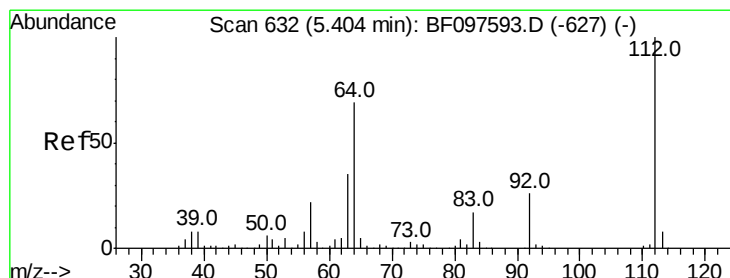
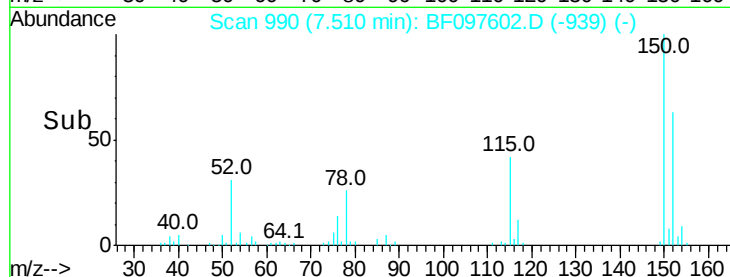
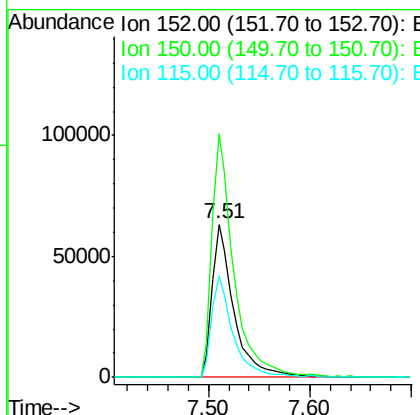
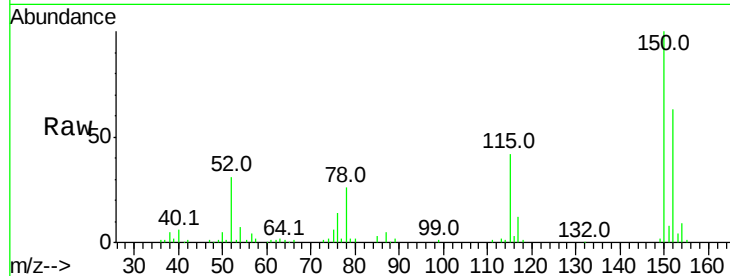
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.51 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF097602.D
 Acq: 11 Aug 2017 19:08

Instrument :
 BNA_F
 ClientSampled :
 FK-PS-01-013

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	66.6	52.2	78.2

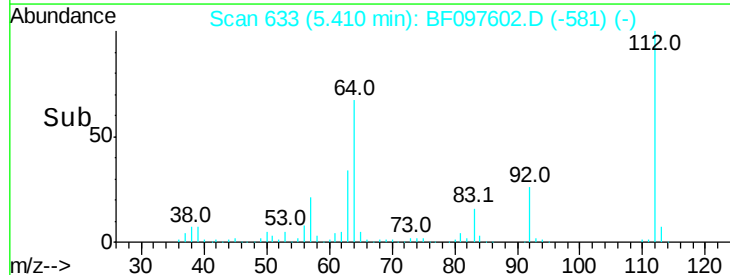
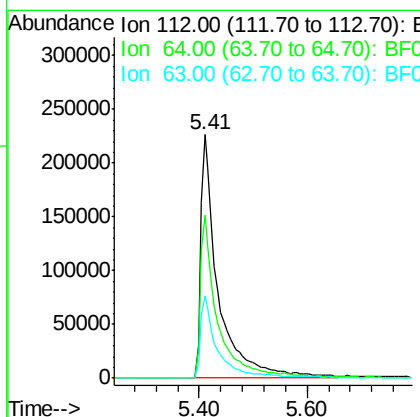
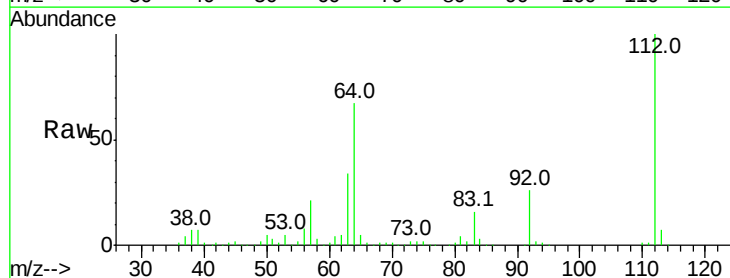
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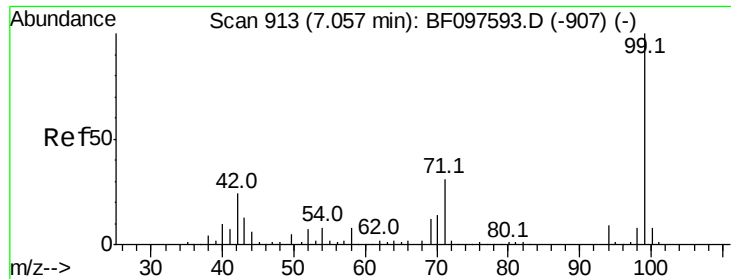
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#5
 2-Fluorophenol
 Concen: 85.029 ng
 RT: 5.41 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: BF097602.D
 Acq: 11 Aug 2017 19:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.0	69.0
63	33.6	23.4	35.0





#7

Phenol-d6

Concen: 81.651 ng

RT: 7.05 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF097602.D

Acq: 11 Aug 2017 19:08

Instrument :

BNA_F

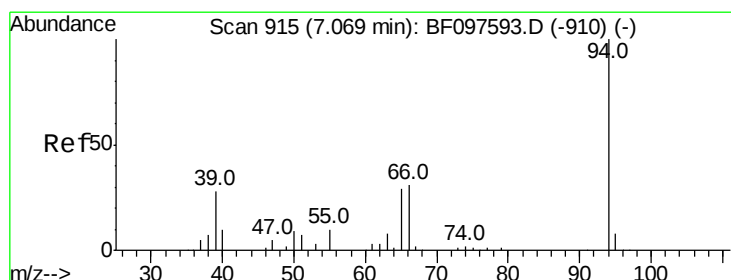
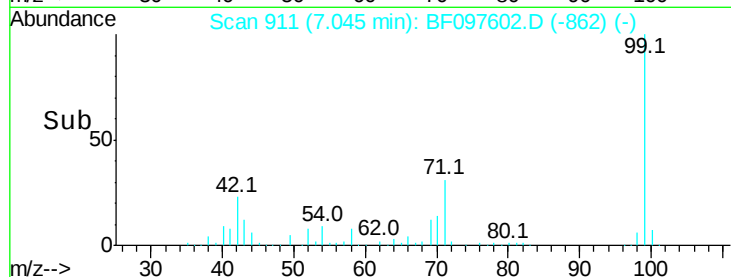
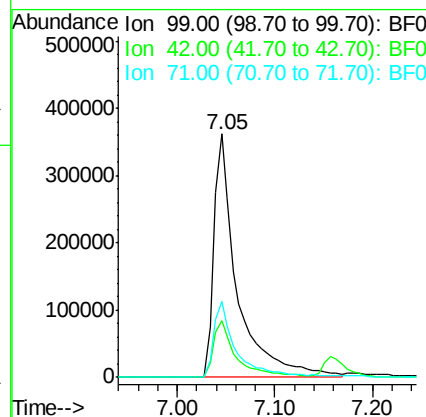
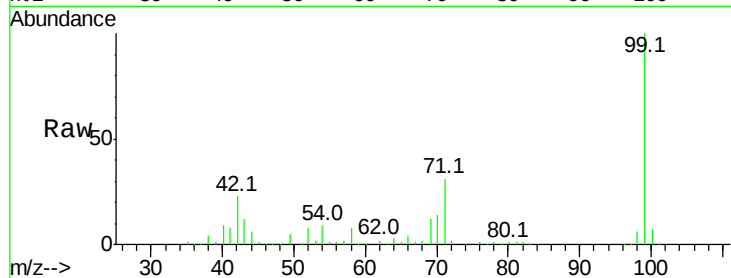
ClientSampleId :

FK-PS-01-013

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		602912		
42	23.1	13.5	20.3#		
71	31.2	24.5	36.7		

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#10

Phenol

Concen: 2.562 ng

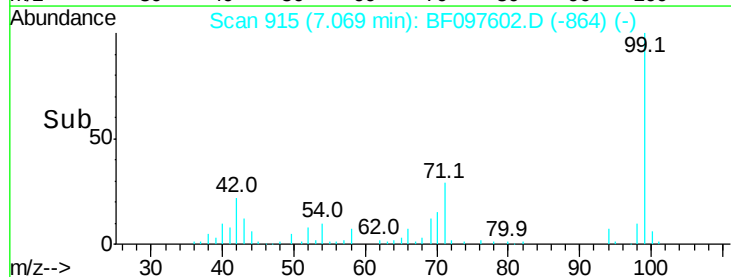
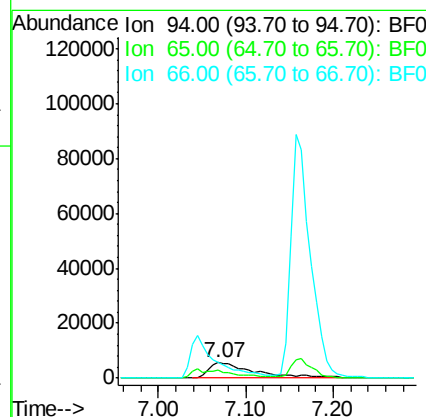
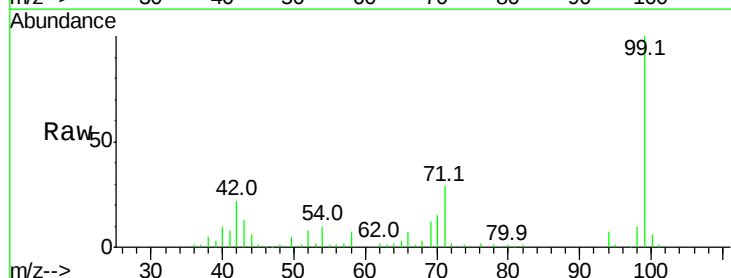
RT: 7.07 min Scan# 915

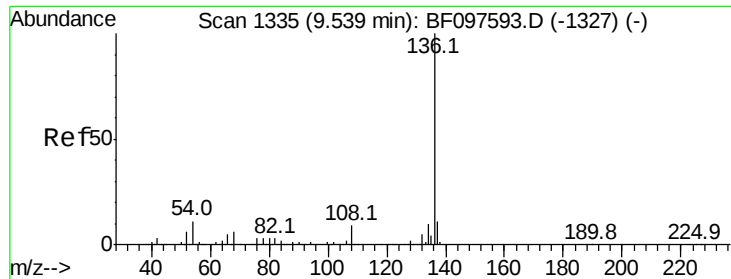
Delta R.T. -0.00 min

Lab File: BF097602.D

Acq: 11 Aug 2017 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		20713		
65	50.5	9.9	49.9#		
66	101.8	23.1	63.1#		





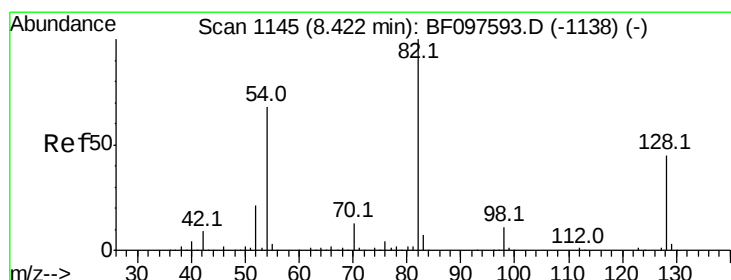
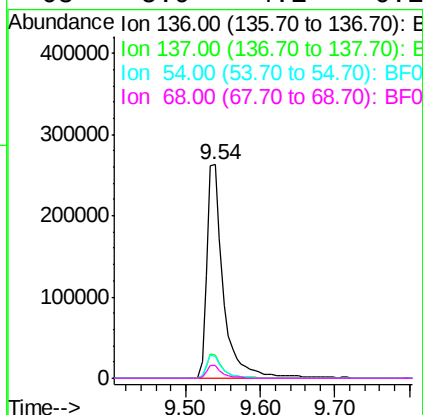
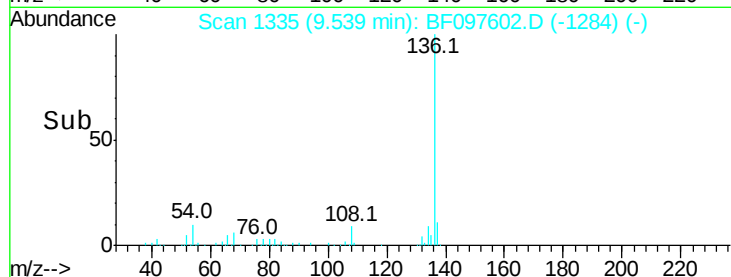
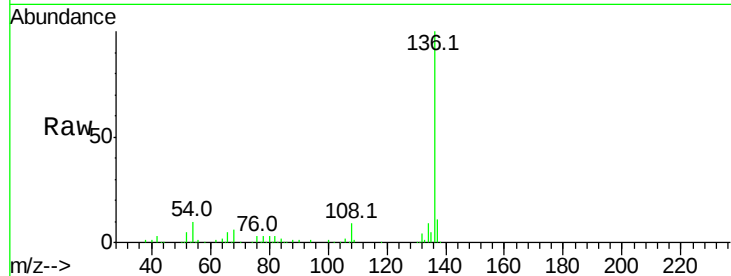
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.54 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	9.9	4.9	7.3	
68	5.9	4.1	6.1	

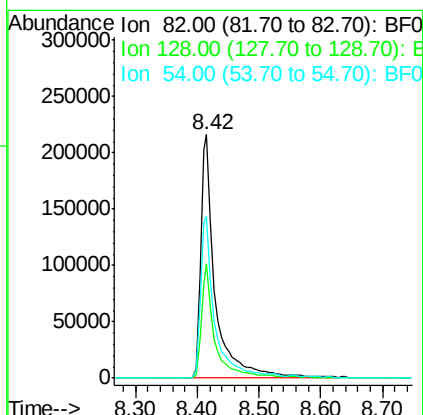
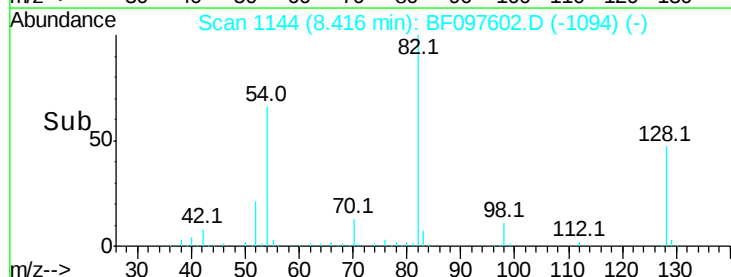
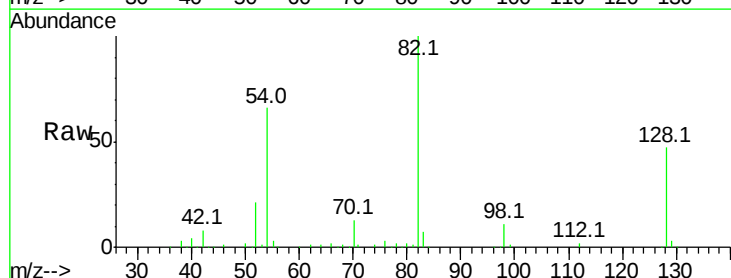
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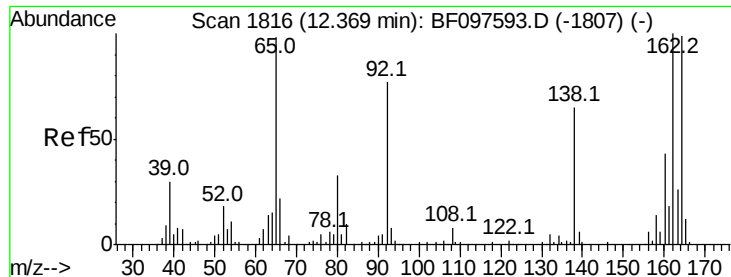
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#23
Nitrobenzene-d5
Concen: 56.048 ng
RT: 8.42 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.0	34.0	51.0	
54	66.2	42.2	63.2	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.36 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF097602.D

Acq: 11 Aug 2017 19:08

Instrument :

BNA_F

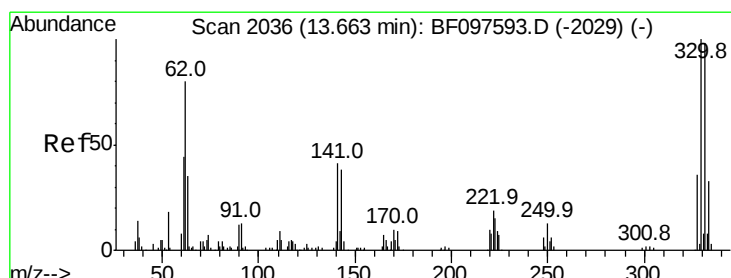
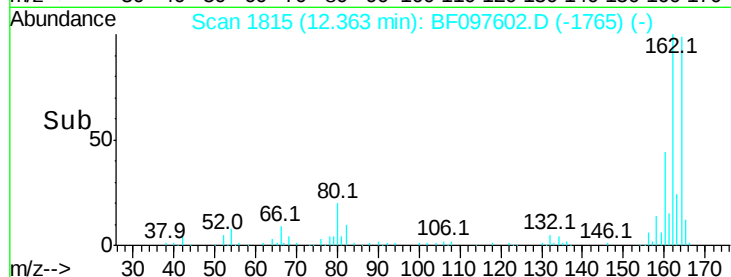
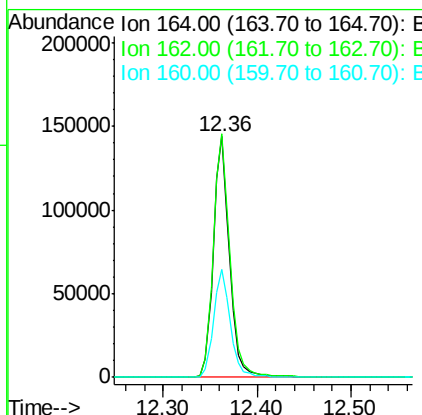
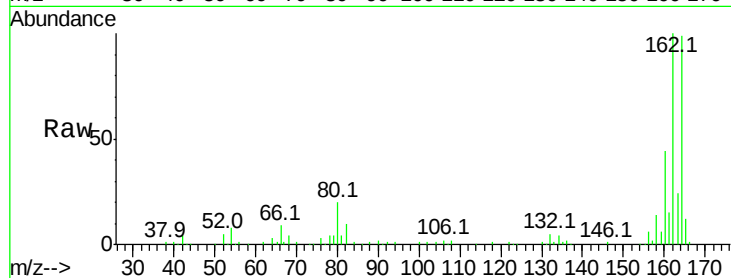
ClientSampleId :

FK-PS-01-013

Tot Ion:	164	Resp:	174873
Ion Ratio	Lower	Upper	
164	100		
162	101.0	82.6	123.8
160	44.6	36.2	54.2

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#41

2,4,6-Tribromophenol

Concen: 80.185 ng

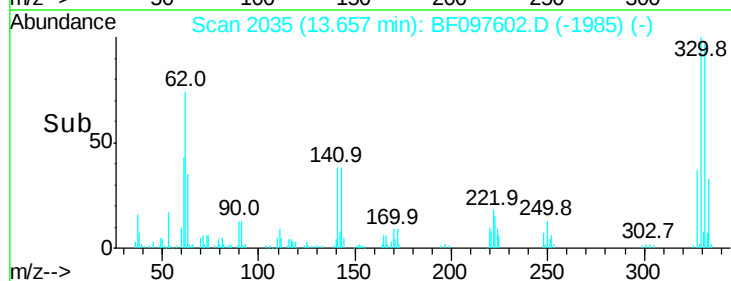
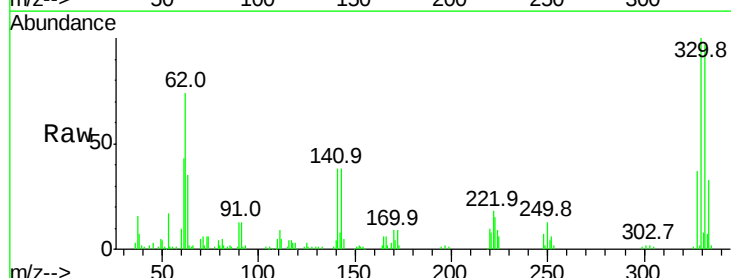
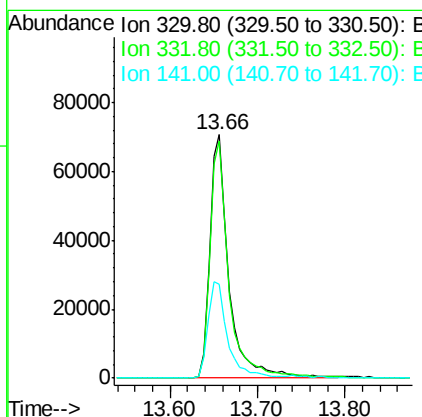
RT: 13.66 min Scan# 2035

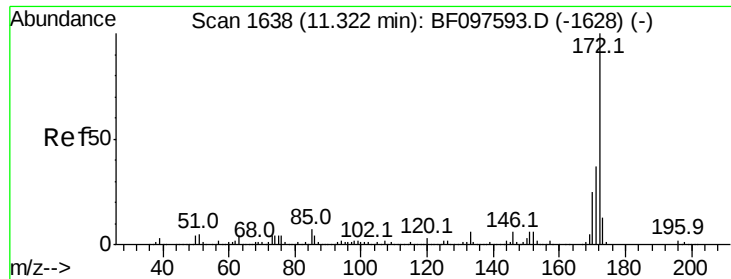
Delta R.T. -0.01 min

Lab File: BF097602.D

Acq: 11 Aug 2017 19:08

Tgt Ion:	330	Resp:	106595
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.6	115.0
141	40.8	31.4	47.2





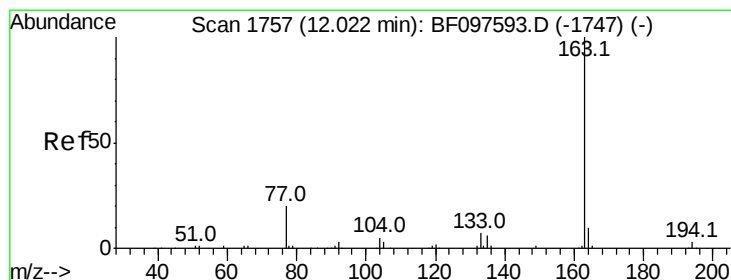
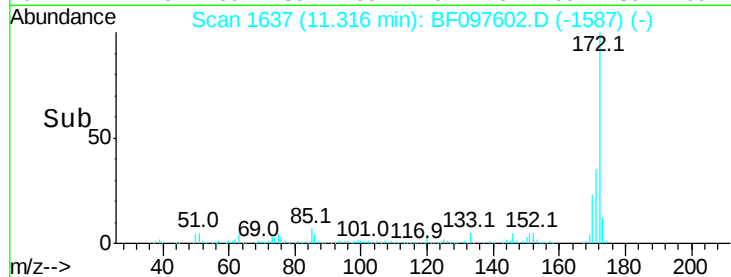
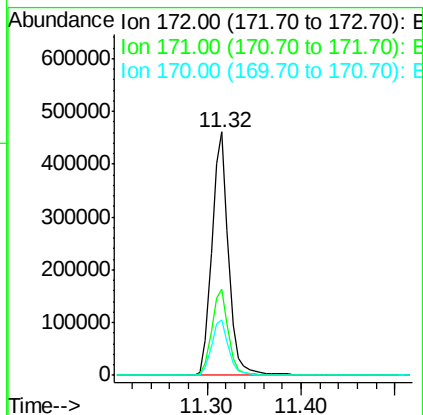
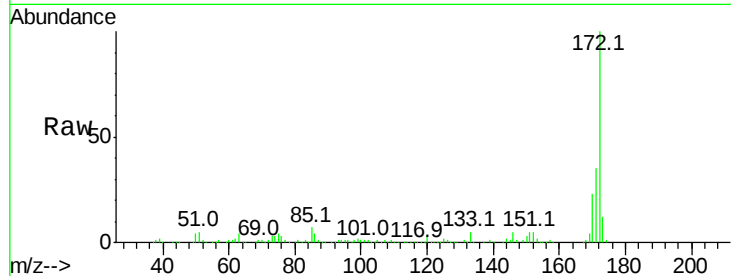
#44
2-Fluorobiphenyl
Concen: 49.931 ng
RT: 11.32 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	29.6	44.4	
170	22.8	19.8	29.8	

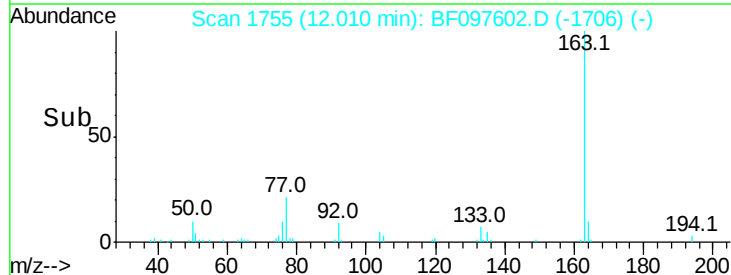
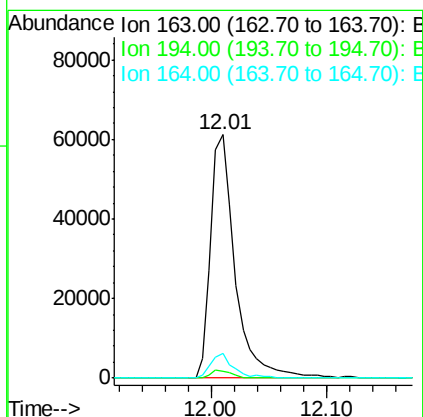
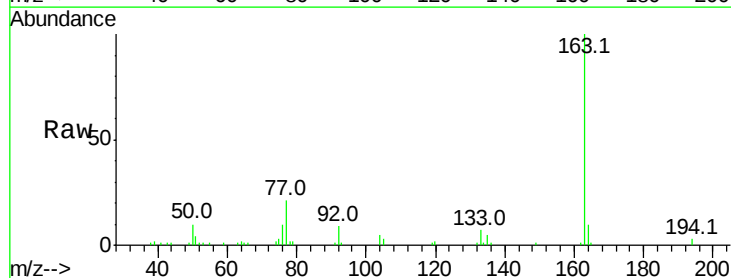
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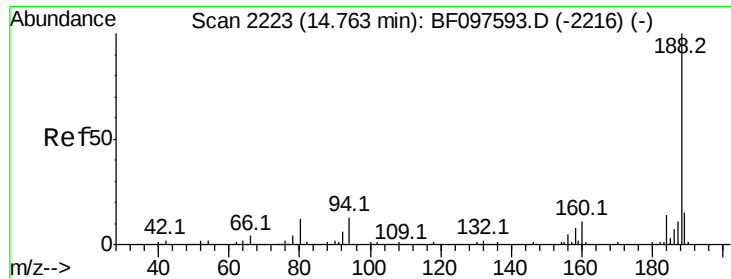
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#49
Dimethylphthalate
Concen: 6.745 ng
RT: 12.01 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	2.8	2.6	4.0	
164	10.0	8.4	12.6	





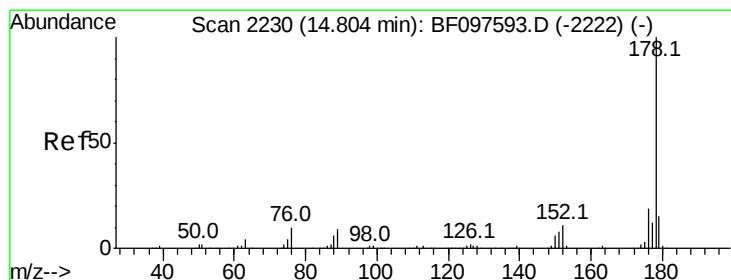
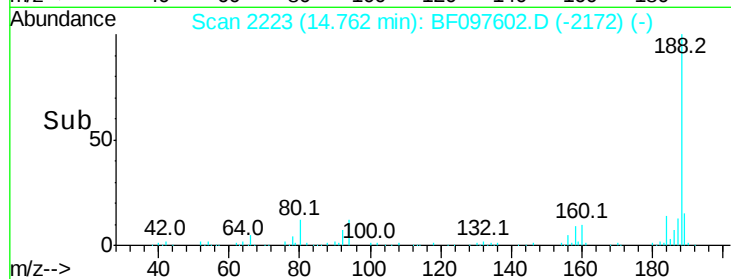
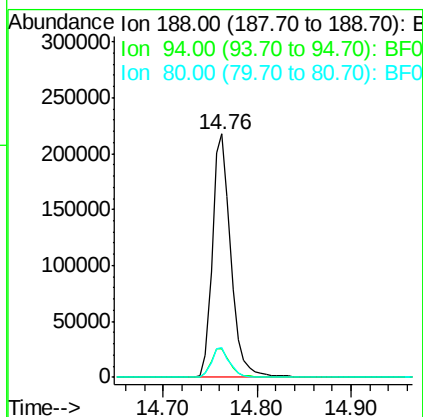
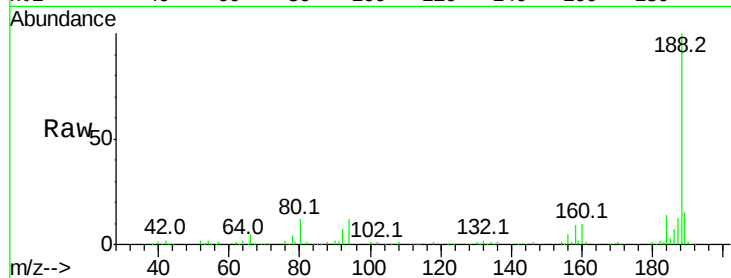
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Phenanthrene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.9	9.4	14.2
80	12.2	10.2	15.2

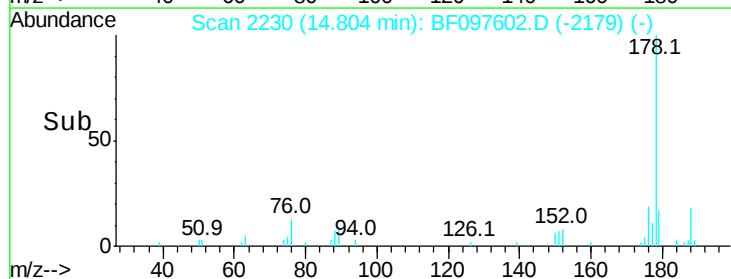
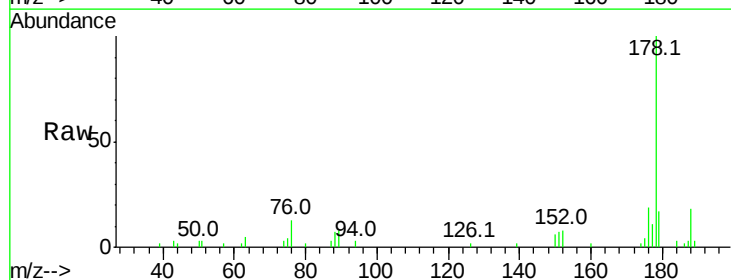
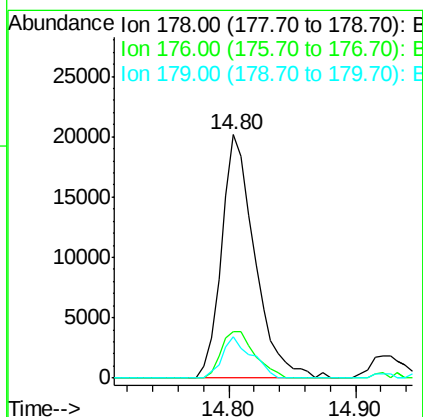
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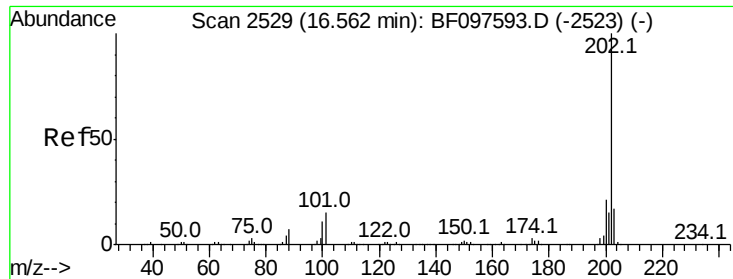
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#70
Phenanthrene
Concen: 2.113 ng
RT: 14.80 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.1	16.2	24.4
179	16.8	12.6	19.0





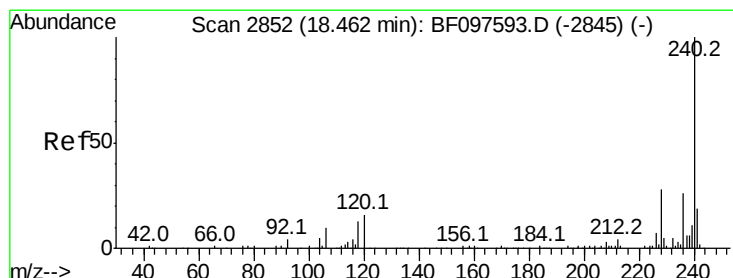
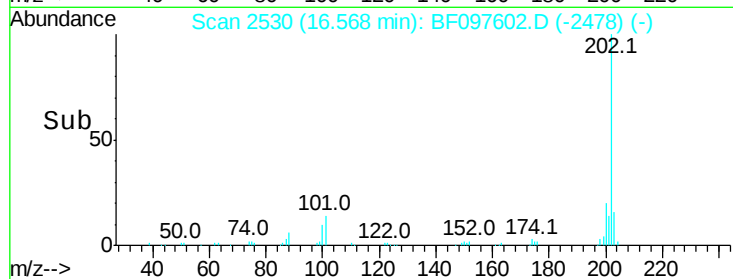
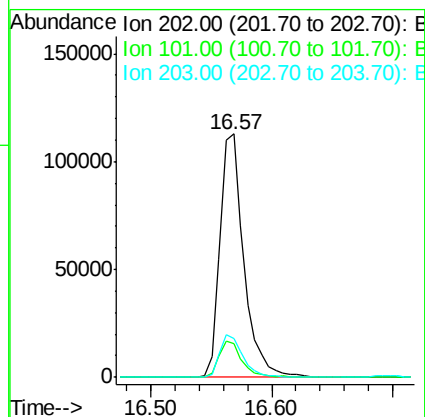
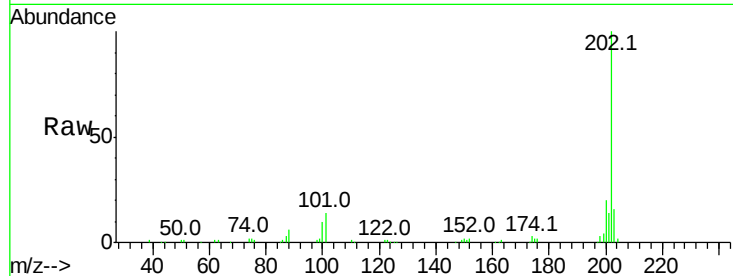
#74
Fluoranthene
Concen: 9.736 ng
RT: 16.57 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	0.0	33.2
203	16.1	0.0	38.1

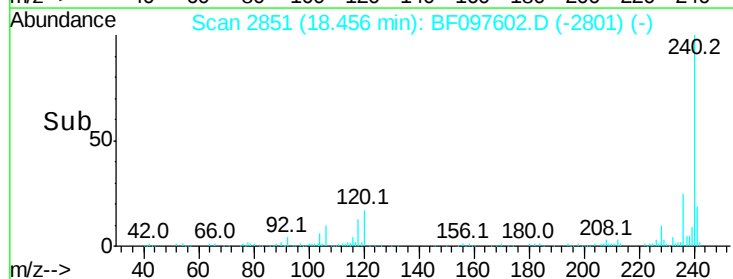
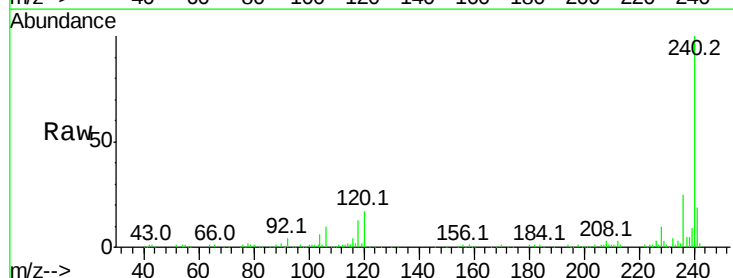
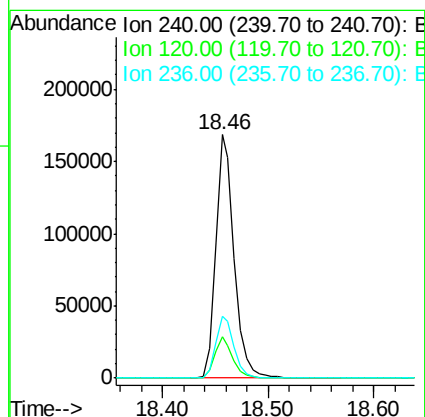
Manual Integrations
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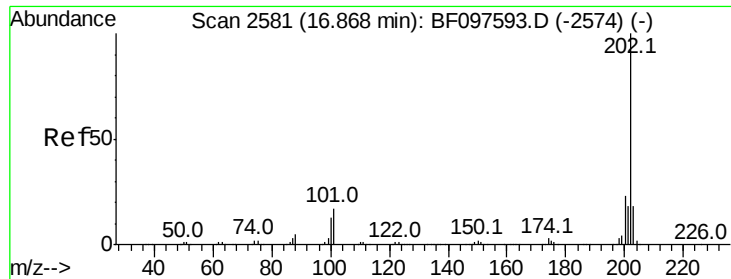
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.46 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.9	5.8	8.8#
236	25.2	20.5	30.7





#77

Pvrene

Concen: 7.040 ng

RT: 16.87 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BF097602.D

Acq: 11 Aug 2017 19:08

Instrument :

BNA_F

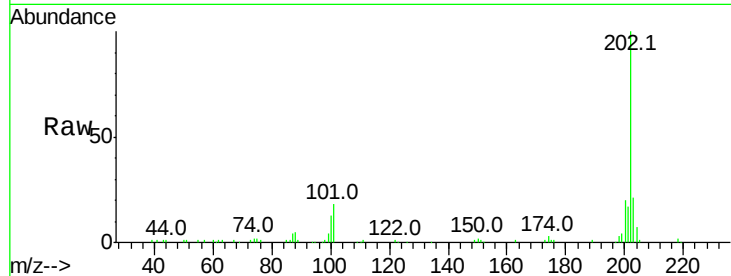
ClientSampleId :

FK-PS-01-013

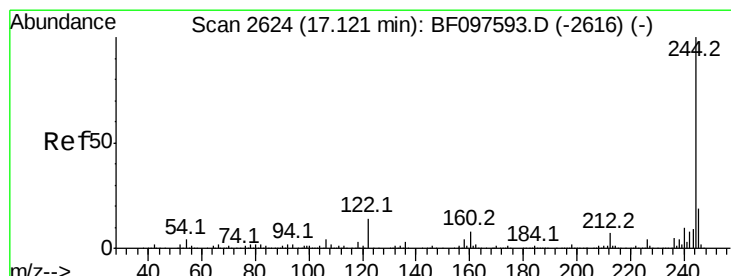
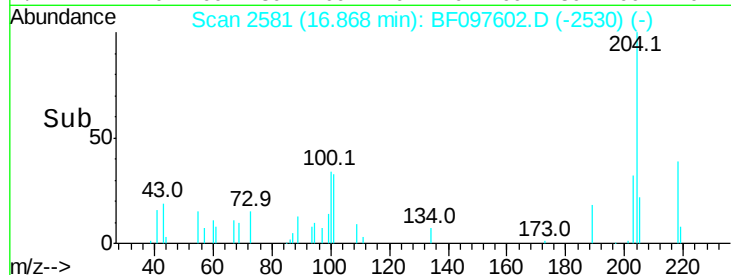
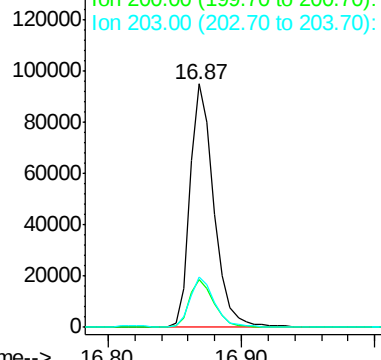
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.9	17.6	26.4	
203	20.7	14.4	21.6	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 44.079 ng

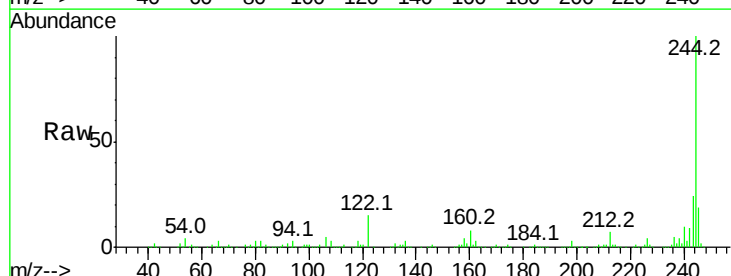
RT: 17.12 min Scan# 2623

Delta R.T. -0.01 min

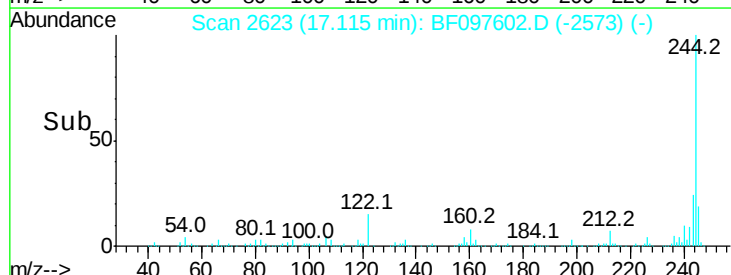
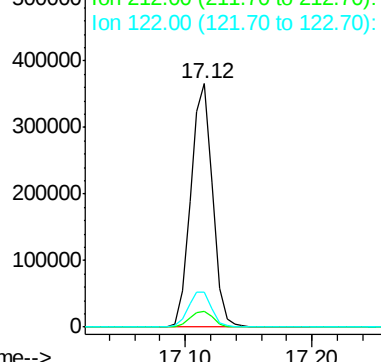
Lab File: BF097602.D

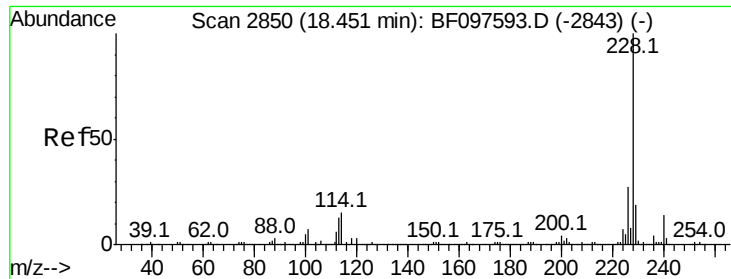
Acq: 11 Aug 2017 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	6.0	9.0	
122	14.6	10.3	15.5	



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





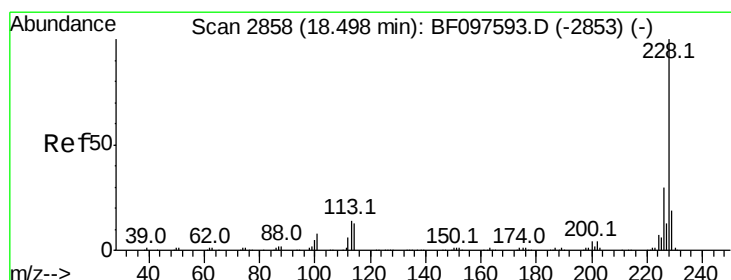
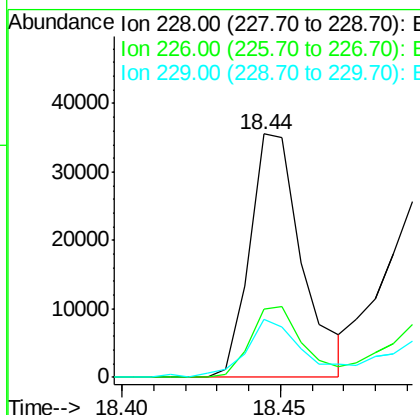
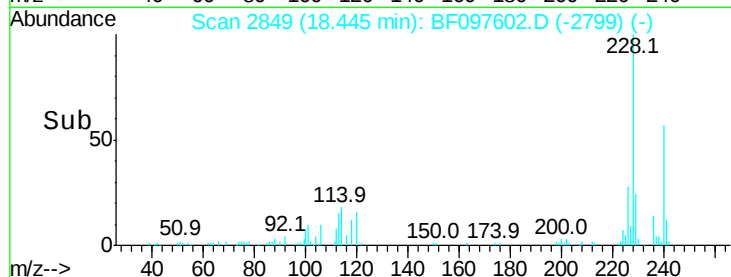
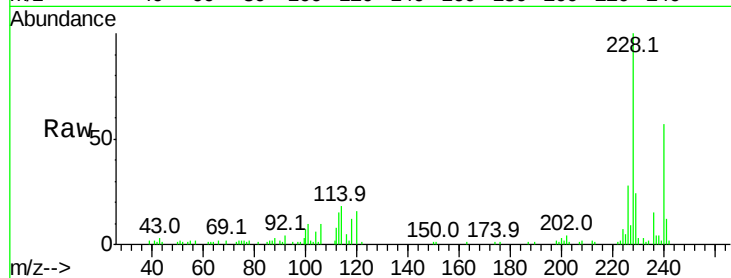
#80
Benzo(a)anthracene
Concen: 3.409 ng
RT: 18.44 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	23.6	16.3	24.5

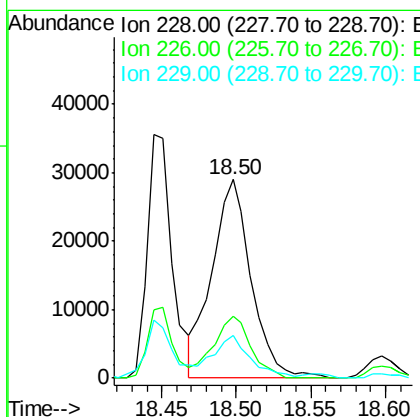
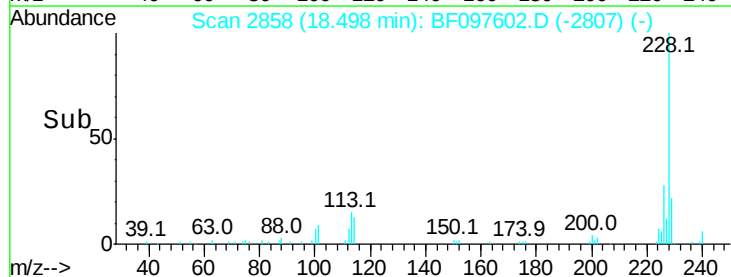
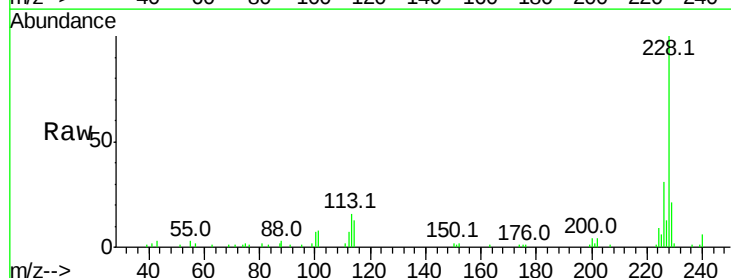
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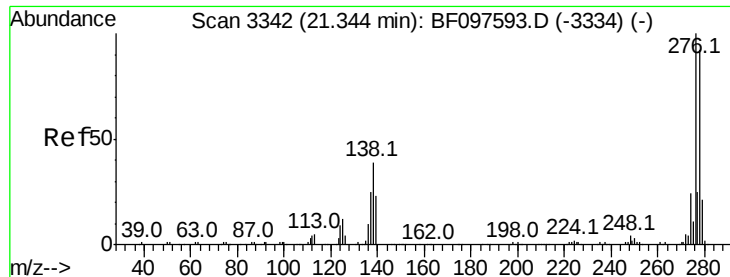
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#82
Chrysene
Concen: 4.472 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	21.4	15.8	23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.659 ng

RT: 21.37 min Scan# 3347

Delta R.T. 0.03 min

Lab File: BF097602.D

Acq: 11 Aug 2017 19:08

Instrument :

BNA_F

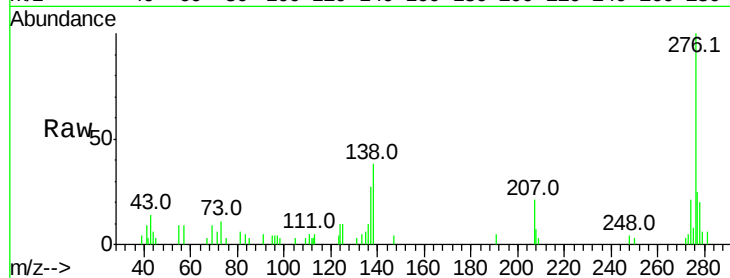
ClientSampleId :

FK-PS-01-013

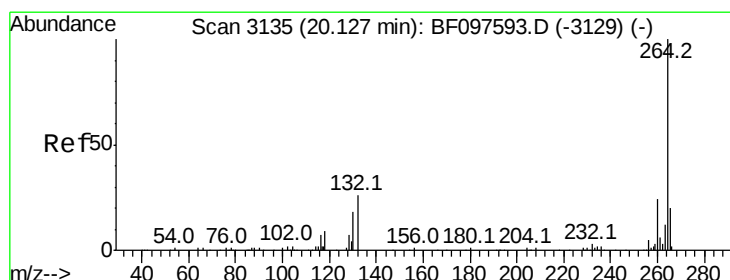
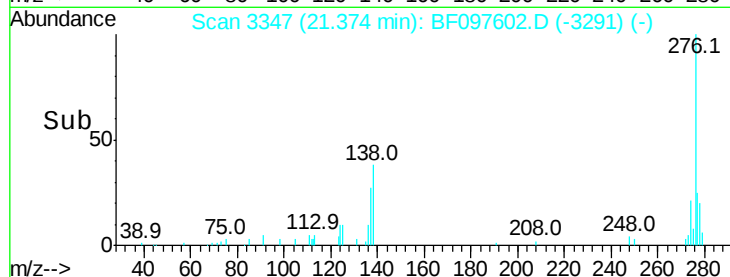
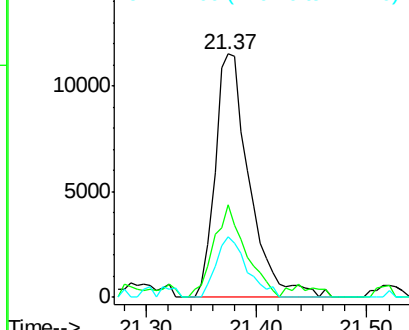
Tot Ion:	276	Resp:	24689
Ion Ratio	Lower	Upper	
276	100		
138	35.5	27.8	41.6
277	22.6	20.2	30.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

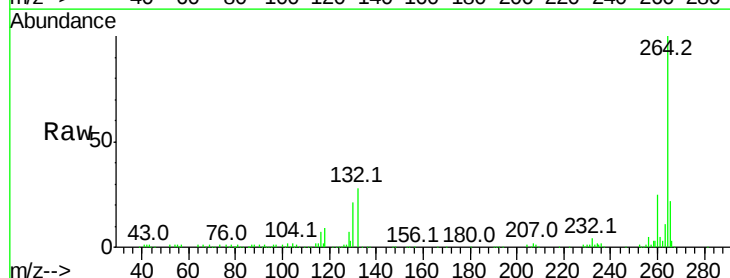
RT: 20.13 min Scan# 3135

Delta R.T. -0.00 min

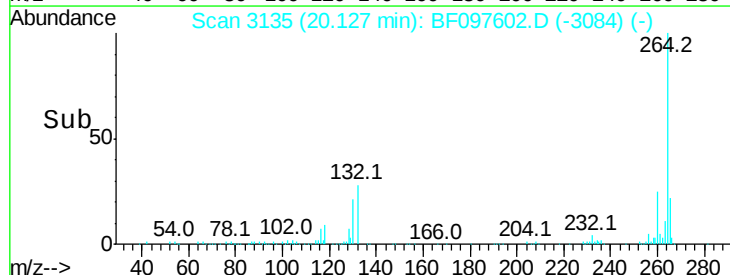
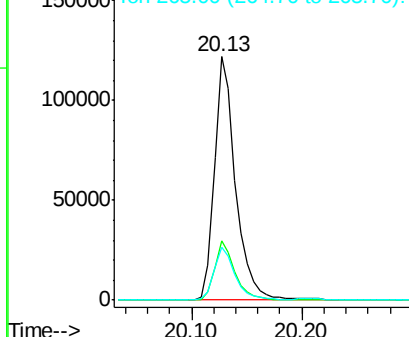
Lab File: BF097602.D

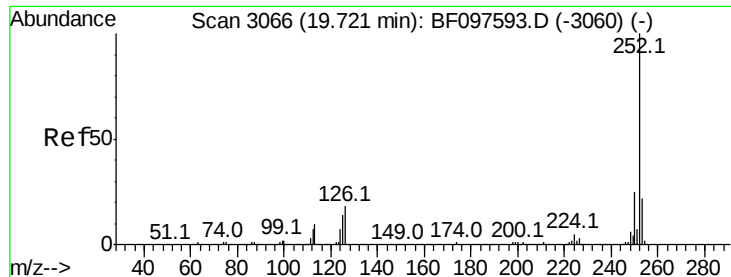
Acq: 11 Aug 2017 19:08

Tgt Ion:	264	Resp:	160017
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	21.7	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





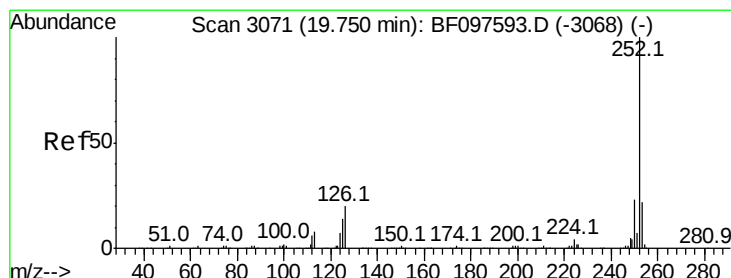
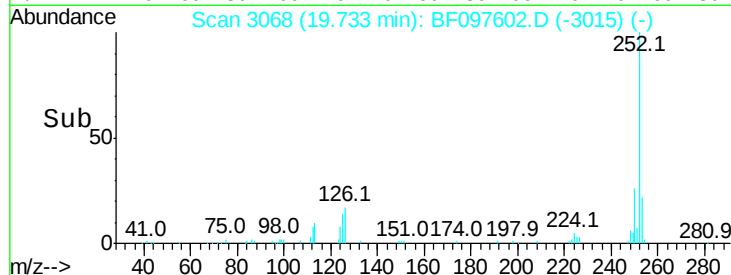
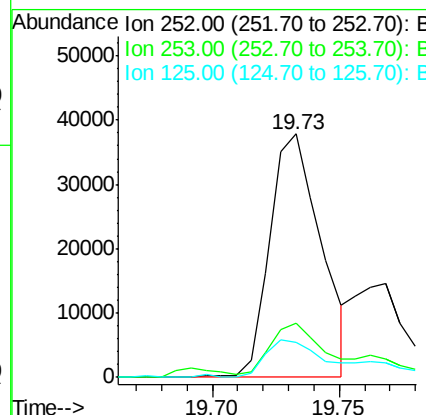
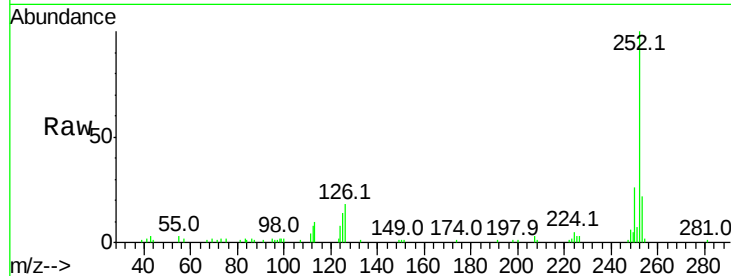
#87
Benzo(b)fluoranthene
Concen: 5.507 ng m
RT: 19.73 min Scan# 3068
Delta R.T. 0.01 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.3	9.8	14.8

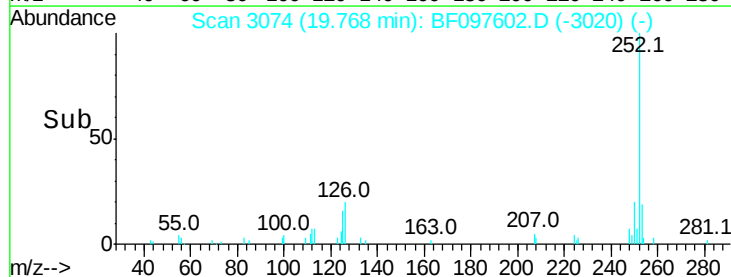
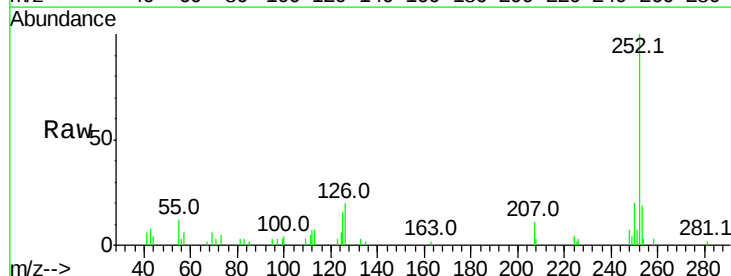
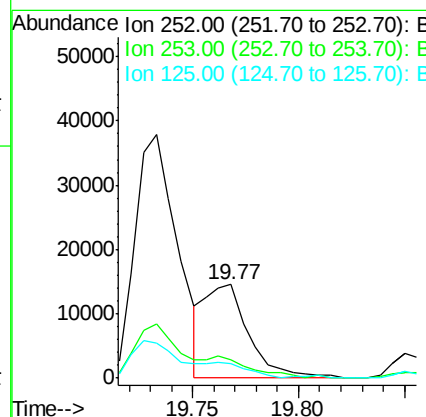
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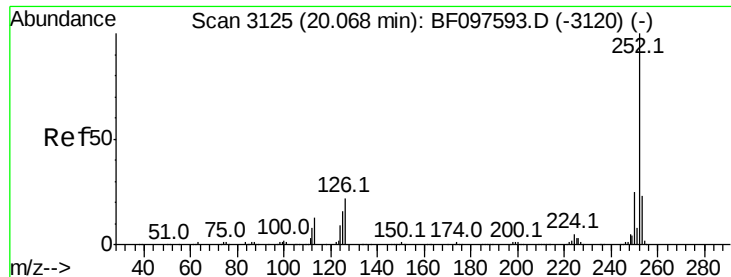
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#88
Benzo(k)fluoranthene
Concen: 2.197 ng m
RT: 19.77 min Scan# 3074
Delta R.T. 0.02 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.1	18.4	27.6
125	15.7	13.1	19.7





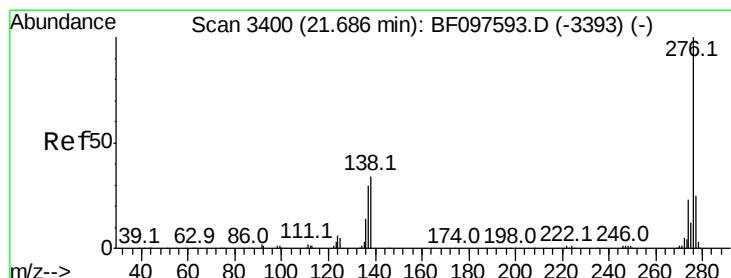
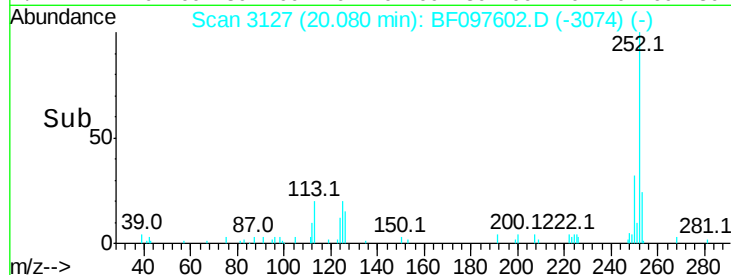
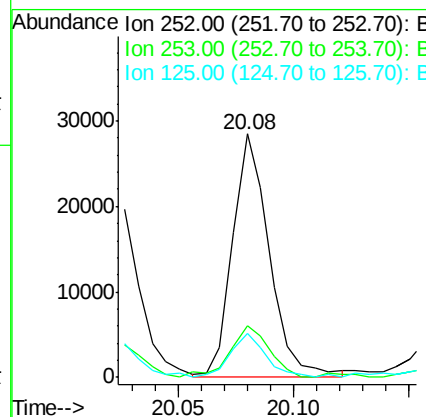
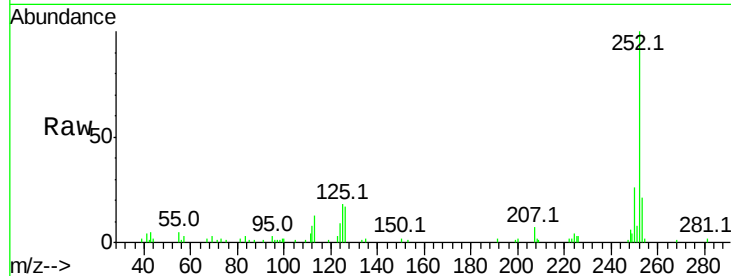
#89
Benzo(a)pyrene
Concen: 3.591 ng
RT: 20.08 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	17.9	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.348 ng
RT: 21.73 min Scan# 3407
Delta R.T. 0.04 min
Lab File: BF097602.D
Acq: 11 Aug 2017 19:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	36.4	25.4	38.0

