

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097226.D
 Acq On : 1 Aug 2017 12:15
 Operator : SJ/JU
 Sample : I4471-23
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-K6-WSW

Manual Integrations
 APPROVED

Sohil
 8/2/2017 7:15:13 PM

Quant Time: Aug 01 15:16:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 01 14:57:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	112595	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	448687	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	153749	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	231289	20.00	ng	0.00
75) Chrysene-d12	13.59	240	223213	20.00	ng	0.00
86) Perylene-d12	14.94	264	168332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	690613	92.46	ng	0.00
7) Phenol-d6	6.15	99	825147	96.77	ng	0.00
23) Nitrobenzene-d5	7.03	82	414595	54.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	105648	86.97	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	654513	72.25	ng	0.00
78) Terphenyl-d14	12.55	244	417679	38.15	ng	0.00
Target Compounds						
10) Phenol	6.16	94	27678	2.737	ng	96
49) Dimethylphthalate	9.23	163	131404	11.255	ng	98
57) Fluorene	10.04	166	18690	2.137	ng	97
70) Phenanthrene	10.99	178	176109	14.211	ng	98
71) Anthracene	11.05	178	32537	2.563	ng	98
74) Fluoranthene	12.17	202	144269	11.883	ng	99
77) Pyrene	12.40	202	116292	6.364	ng	98
80) Benzo(a)anthracene	13.58	228	56661	3.923	ng	98
82) Chrysene	13.62	228	51495	3.651	ng	97
87) Benzo(b)fluoranthene	14.59	252	47676m	4.712	ng	
89) Benzo(a)pyrene	14.89	252	28606	3.089	ng	# 90

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

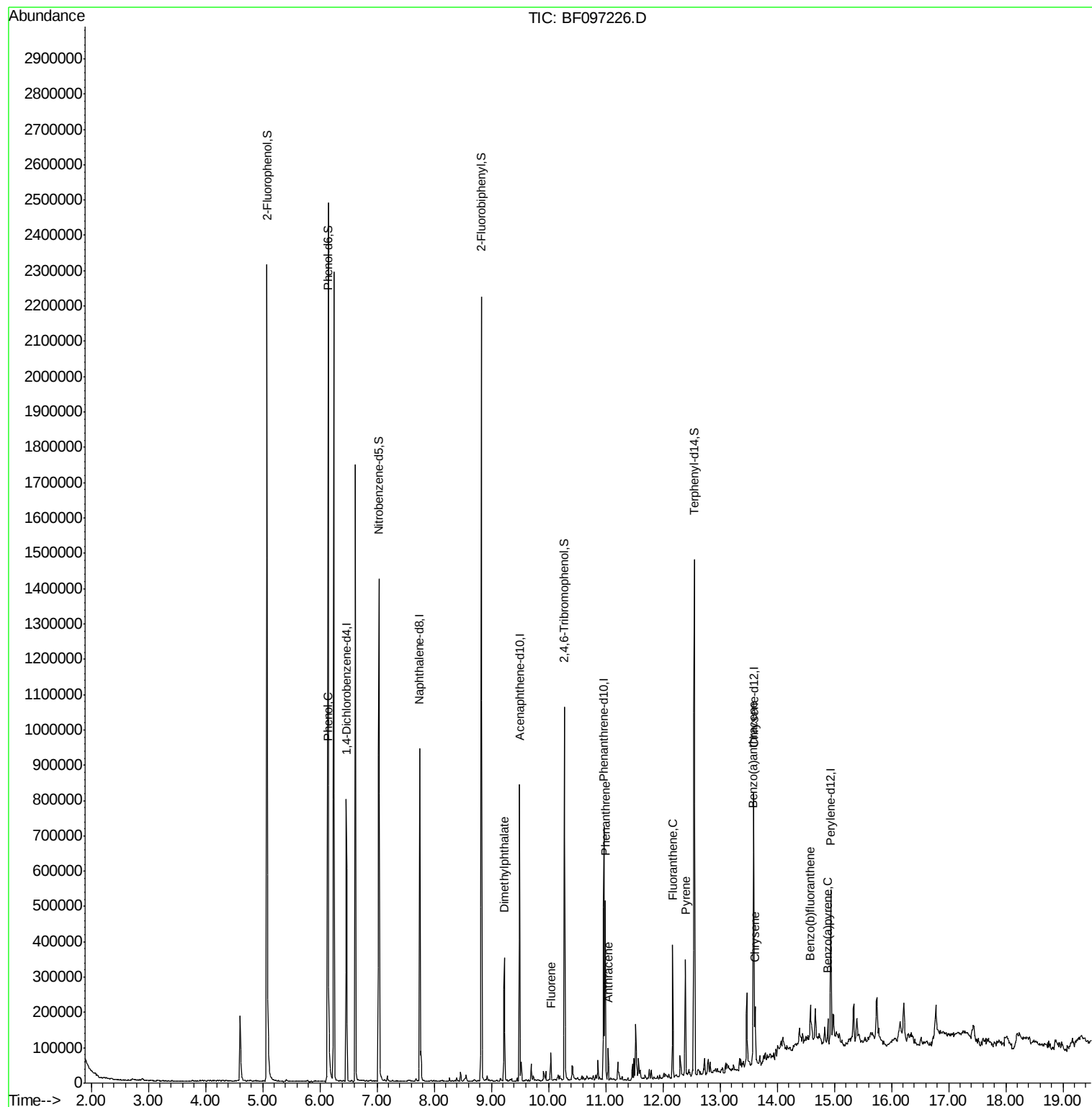
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097226.D
Acq On : 1 Aug 2017 12:15
Operator : SJ/JU
Sample : I4471-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

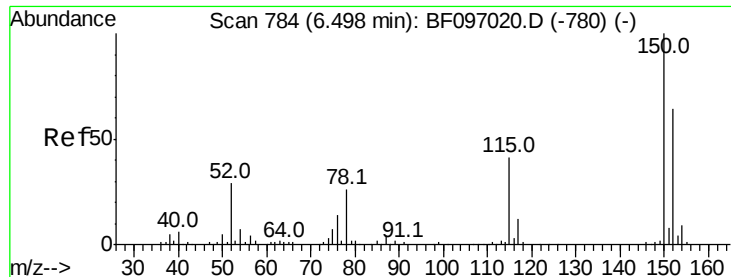
Instrument :
BNA_F
ClientSampled :
E2-K6-WSW

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#1

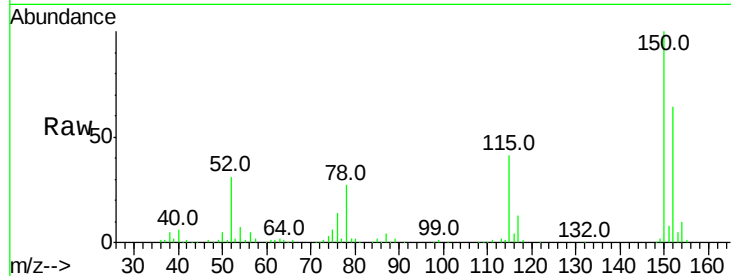
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF097226.D
Acq: 1 Aug 2017 12:15

Instrument :
BNA_F
ClientSampleId :
E2-K6-WSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	64.5	52.2	78.2

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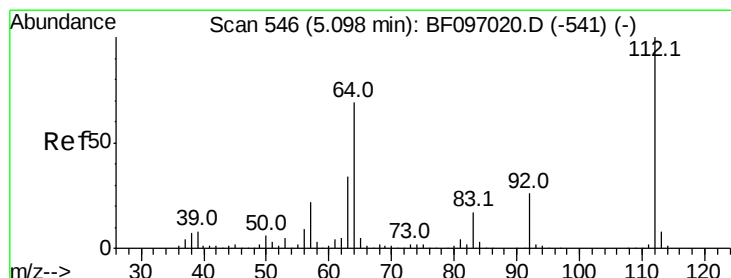
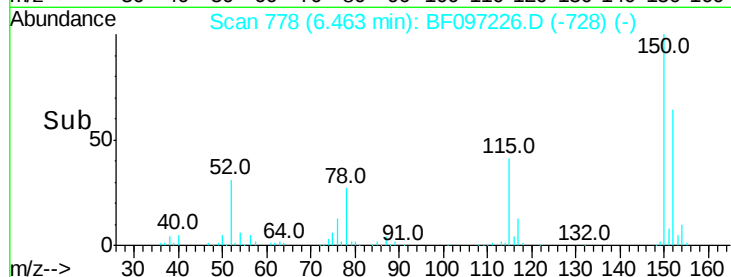
Abundance

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

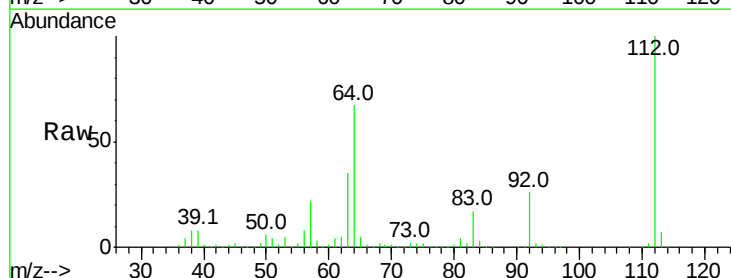
Time-->



#5

2-Fluorophenol
Concen: 92.463 ng
RT: 5.07 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF097226.D
Acq: 1 Aug 2017 12:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.0	69.0
63	34.7	23.4	35.0



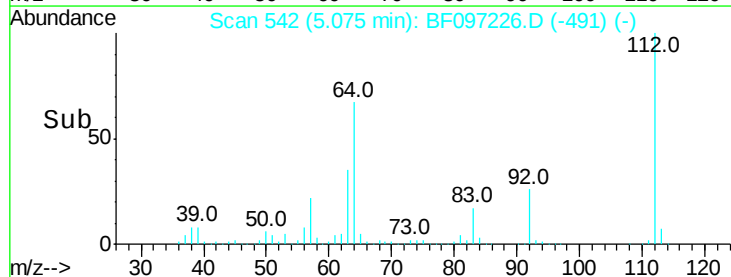
Abundance

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

Time-->





#7

Phenol-d6

Concen: 96.771 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF097226.D

Acq: 1 Aug 2017 12:15

Instrument :

BNA_F

ClientSampled :

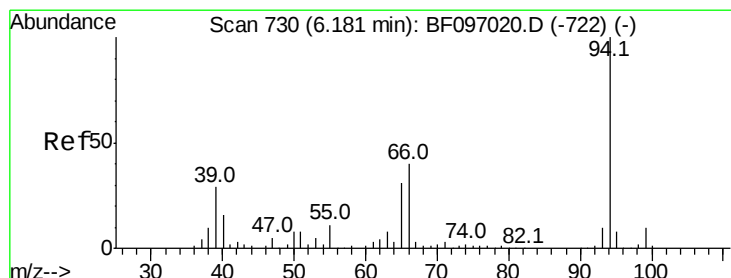
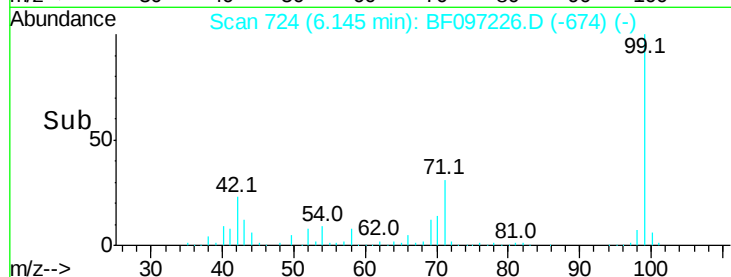
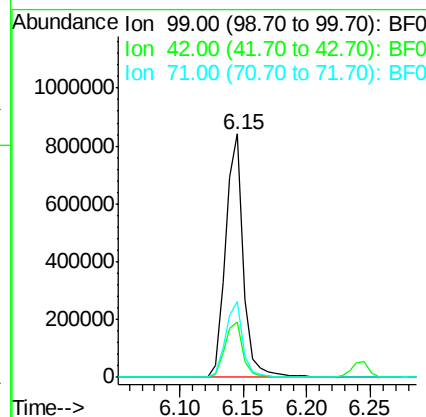
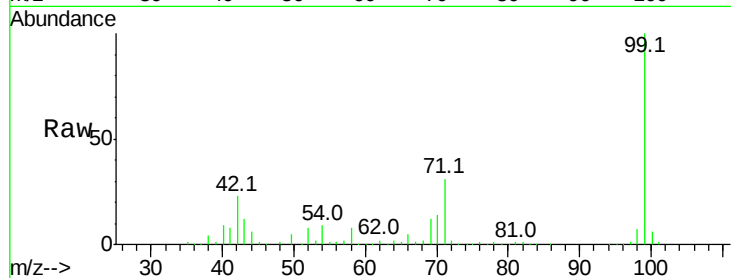
E2-K6-WSW

Tot Ion: 99 Resp: 825147

Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	31.4	24.5	36.7

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#10

Phenol

Concen: 2.737 ng

RT: 6.16 min Scan# 726

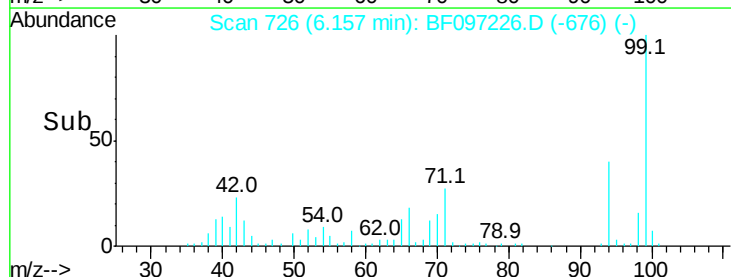
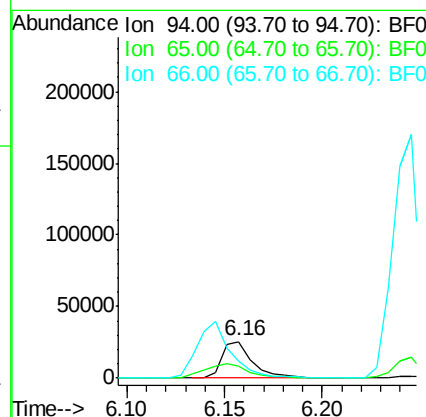
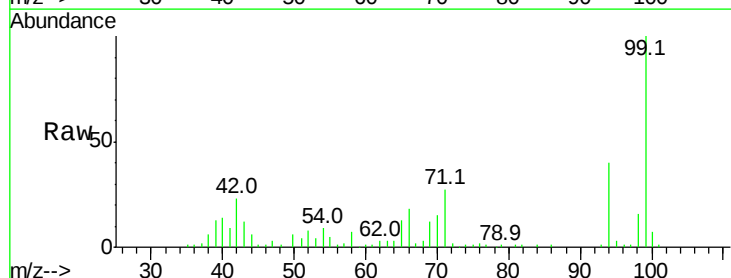
Delta R.T. -0.01 min

Lab File: BF097226.D

Acq: 1 Aug 2017 12:15

Tgt Ion: 94 Resp: 27678

Ion	Ratio	Lower	Upper
94	100		
65	31.9	9.9	49.9
66	45.5	23.1	63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF097226.D

Acq: 1 Aug 2017 12:15

Instrument :

BNA_F

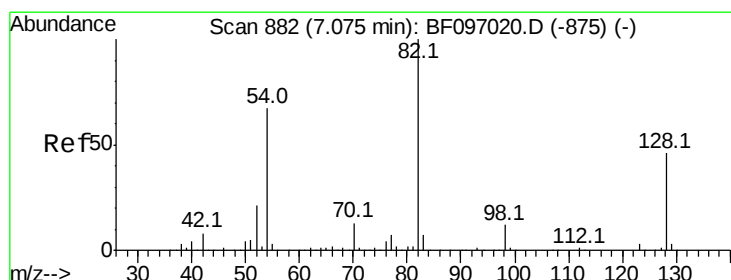
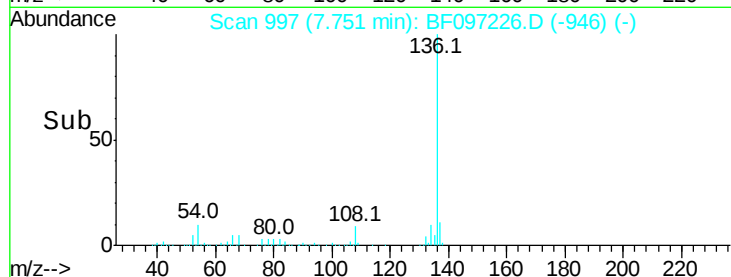
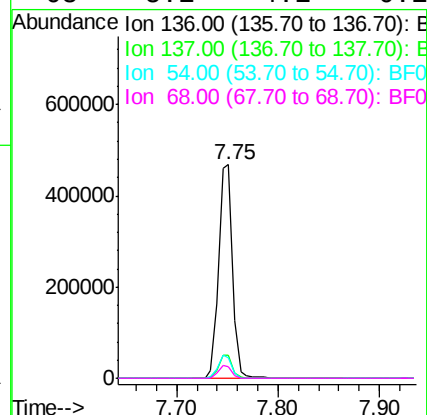
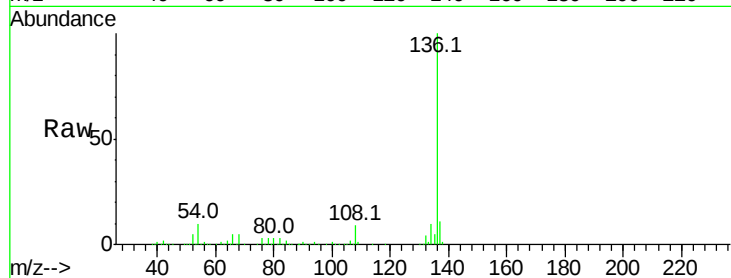
ClientSampled :

E2-K6-WSW

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	9.8	4.9	7.3	
68	5.1	4.1	6.1	

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#23

Nitrobenzene-d5

Concen: 54.207 ng

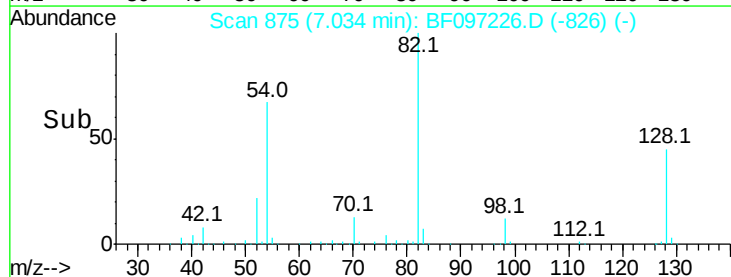
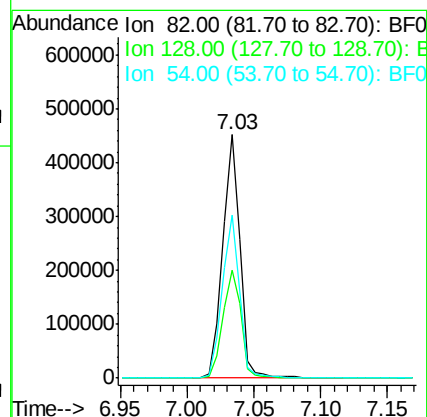
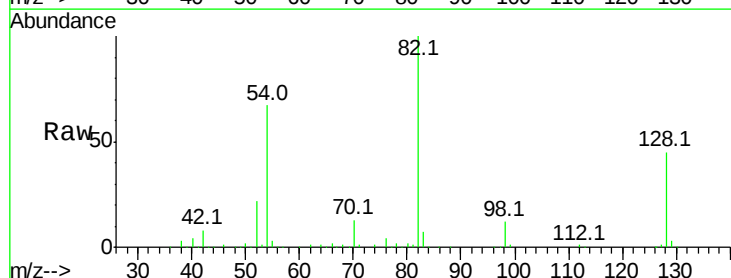
RT: 7.03 min Scan# 875

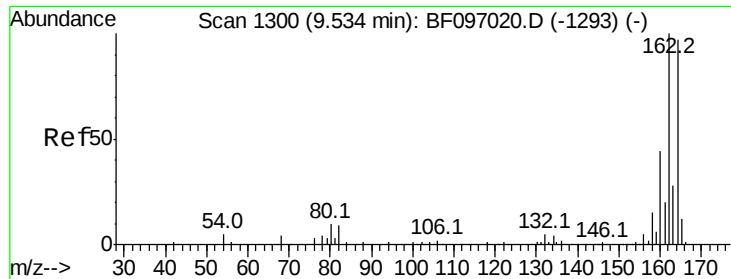
Delta R.T. -0.01 min

Lab File: BF097226.D

Acq: 1 Aug 2017 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.6	34.0	51.0	
54	67.1	42.2	63.2	





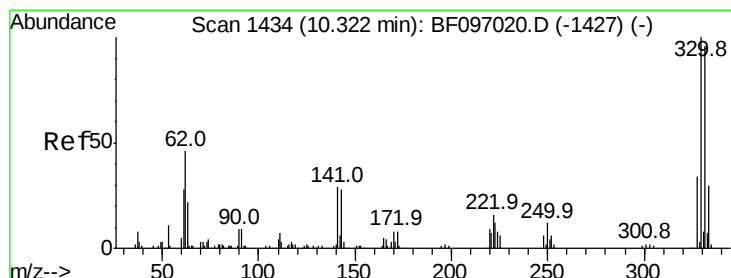
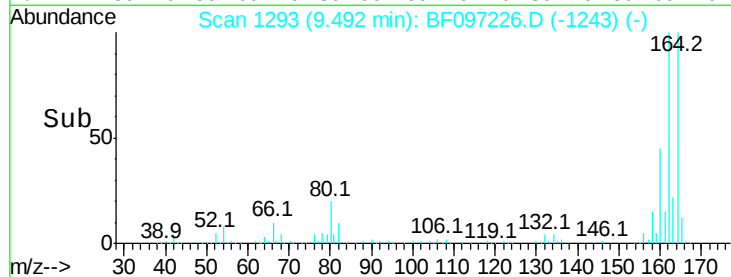
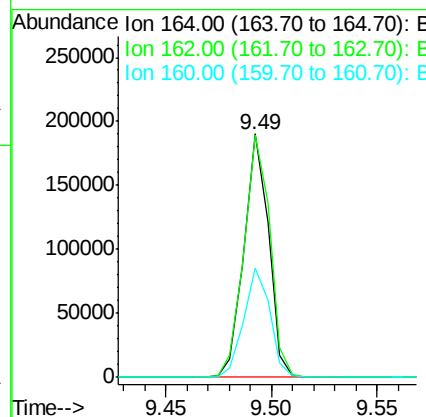
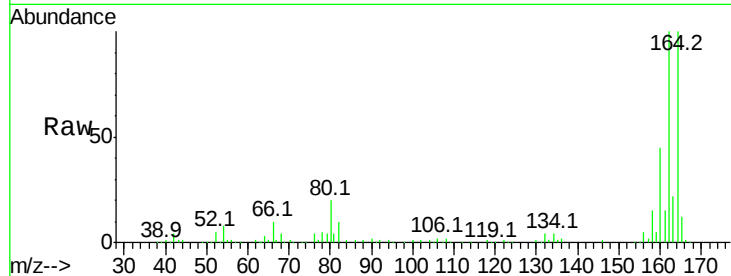
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF097226.D
 Acq: 1 Aug 2017 12:15

Instrument :
 BNA_F
 ClientSampleId :
 E2-K6-WSW

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.6	123.8
160	44.8	36.2	54.2

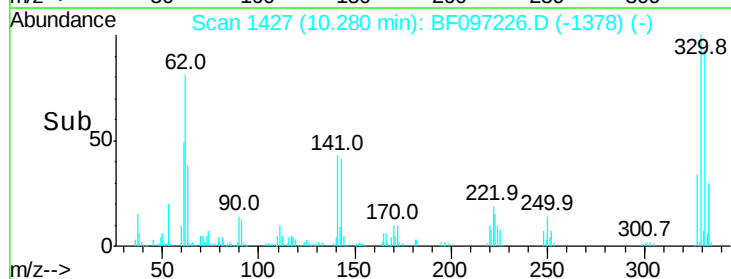
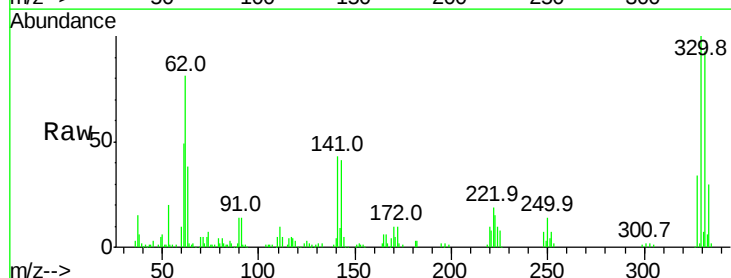
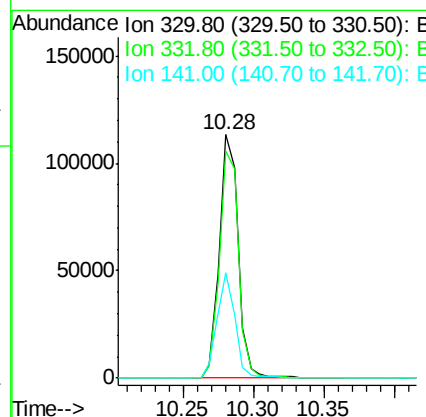
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#41
 2,4,6-Tribromophenol
 Concen: 86.970 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097226.D
 Acq: 1 Aug 2017 12:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	41.5	31.4	47.2





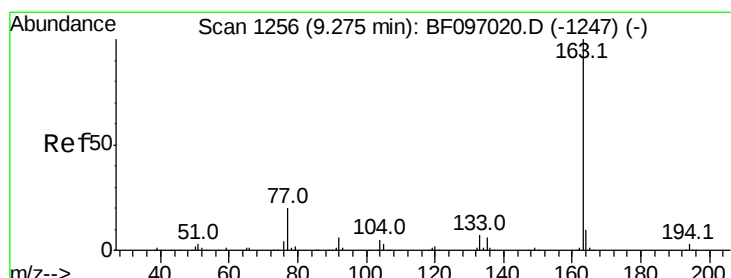
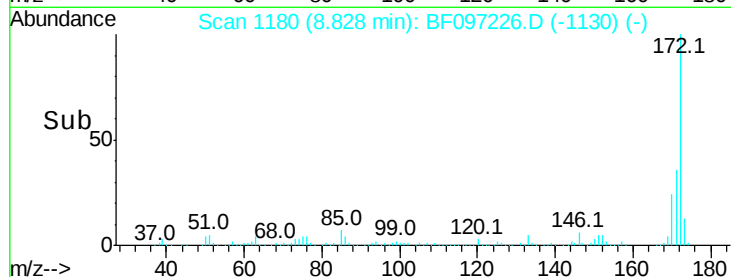
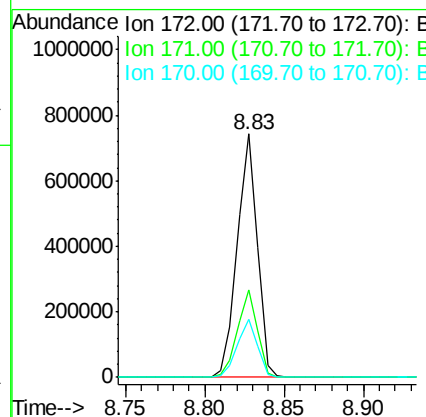
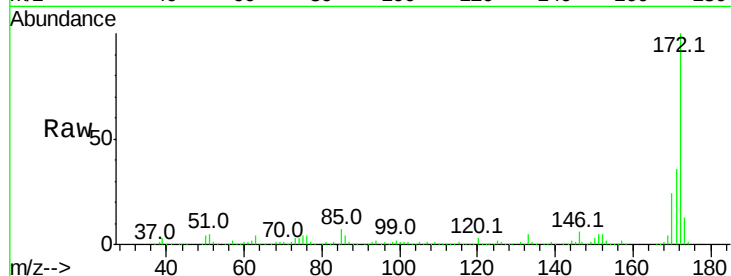
#44
2-Fluorobiphenyl
Concen: 72.246 ng
RT: 8.83 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF097226.D
Acq: 1 Aug 2017 12:15

Instrument :
BNA_F
ClientSampleId :
E2-K6-WSW

Tot Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.1	29.6	44.4
170	24.0	19.8	29.8

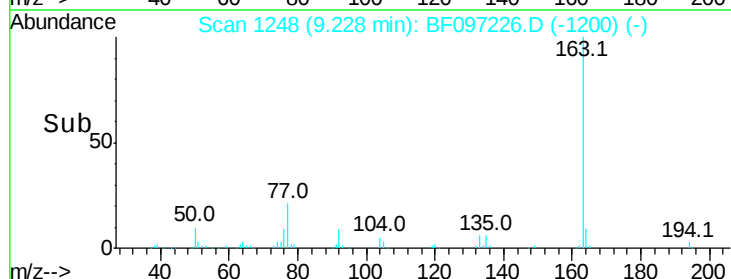
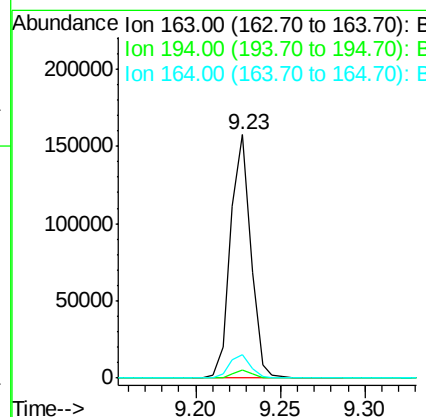
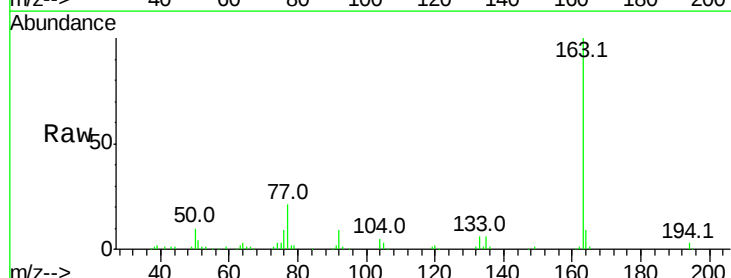
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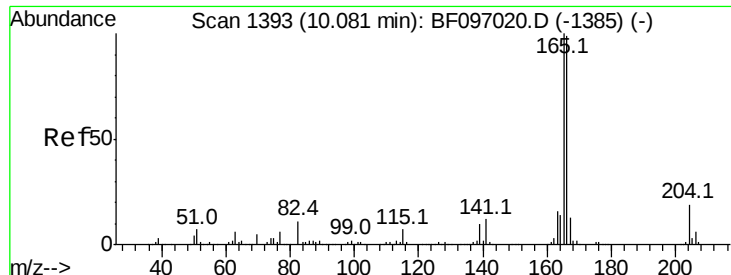
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#49
Dimethylphthalate
Concen: 11.255 ng
RT: 9.23 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF097226.D
Acq: 1 Aug 2017 12:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	9.5	8.4	12.6





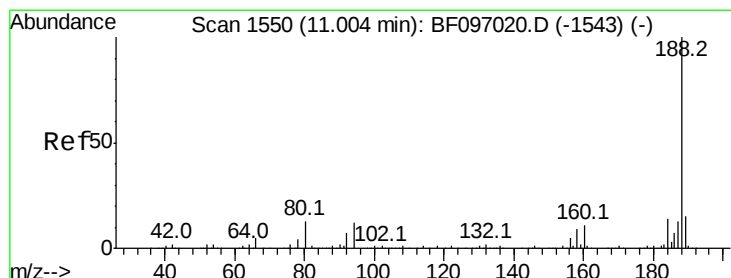
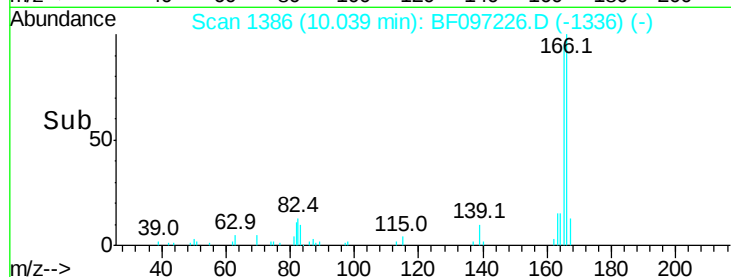
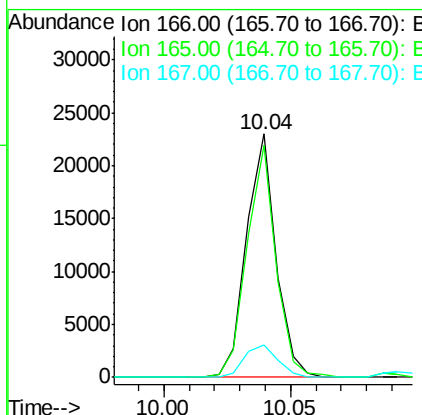
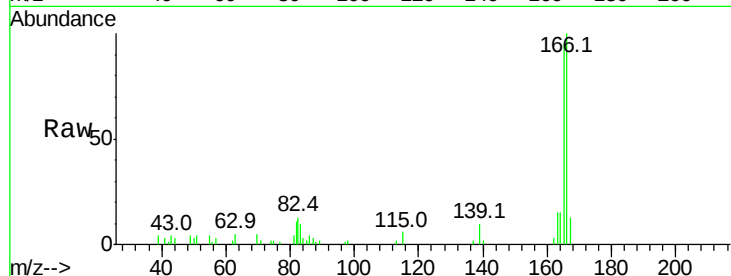
#57
Fluorene
 Concen: 2.137 ng
 RT: 10.04 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF097226.D
 Acq: 1 Aug 2017 12:15

Instrument :
 BNA_F
 ClientSampleId :
 E2-K6-WSW

Tot Ion	Ratio	Resp	Lower	Upper
166	100	18690		
165	95.1		78.8	118.2
167	13.3		10.6	16.0

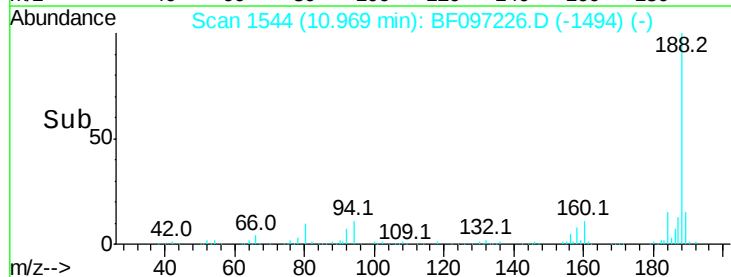
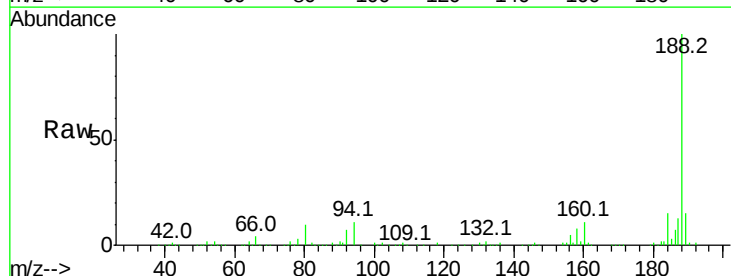
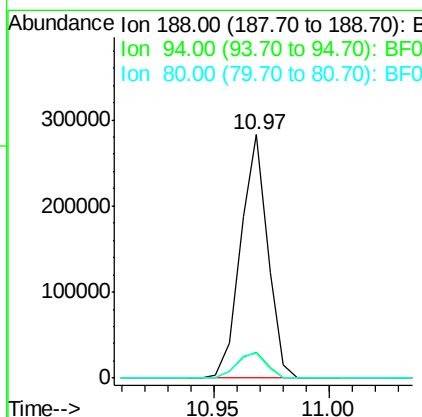
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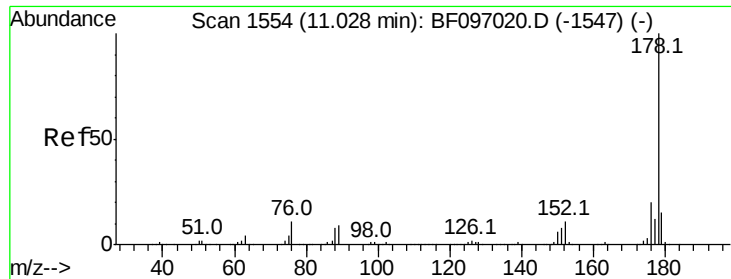
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.97 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF097226.D
 Acq: 1 Aug 2017 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	231289		
94	10.9		9.4	14.2
80	10.3		10.2	15.2





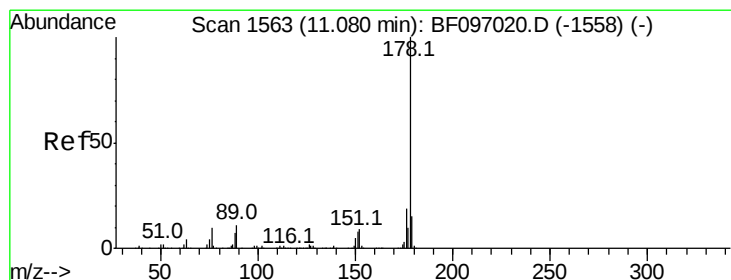
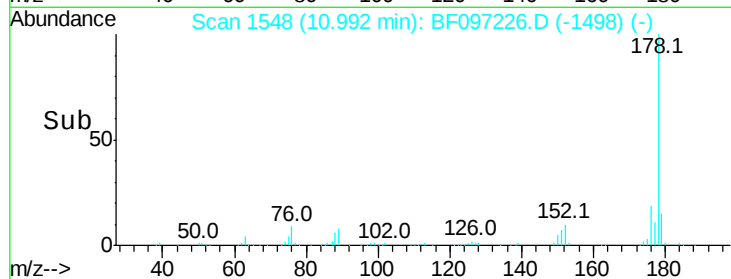
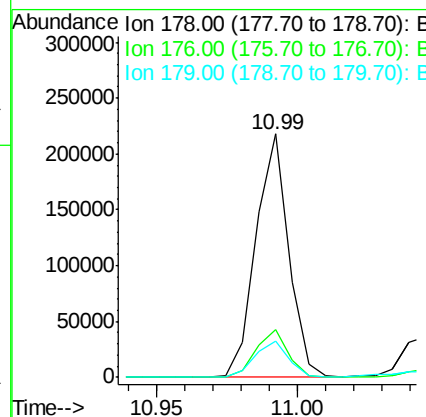
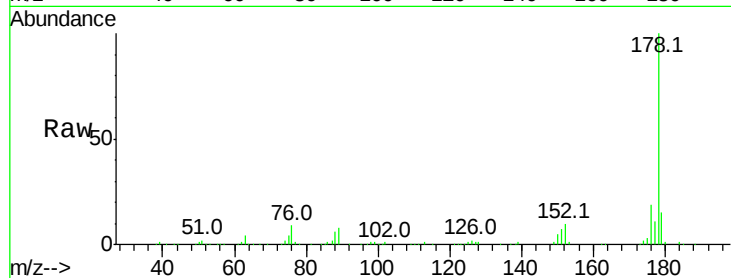
#70
Phenanthrene
Concen: 14.211 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF097226.D
Acq: 1 Aug 2017 12:15

Instrument :
BNA_F
ClientSampleId :
E2-K6-WSW

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	14.8	12.6	19.0

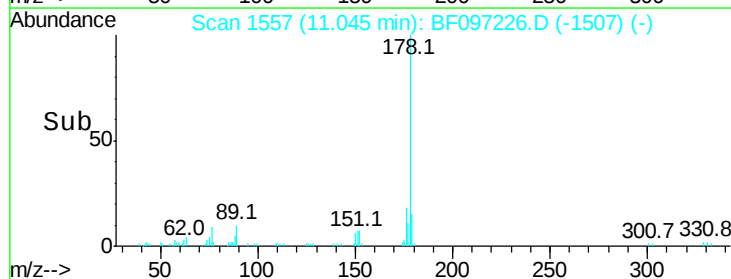
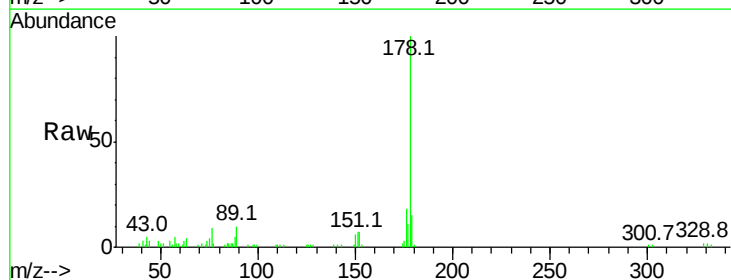
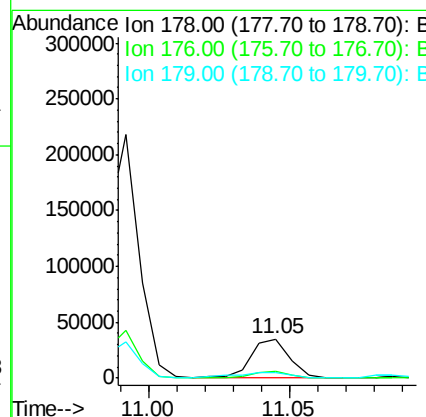
Manual Integrations
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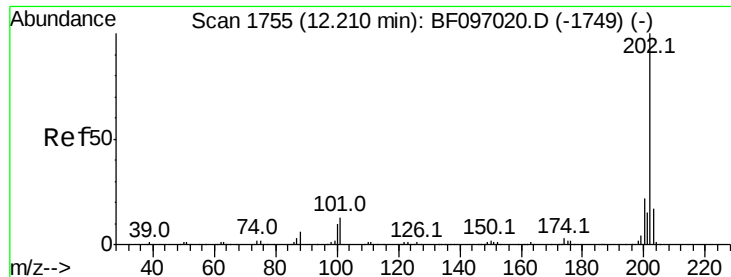
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#71
Anthracene
Concen: 2.563 ng
RT: 11.05 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF097226.D
Acq: 1 Aug 2017 12:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.4	12.7	19.1





#74

Fluoranthene

Concen: 11.883 ng

RT: 12.17 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BF097226.D

Acq: 1 Aug 2017 12:15

Instrument :

BNA_F

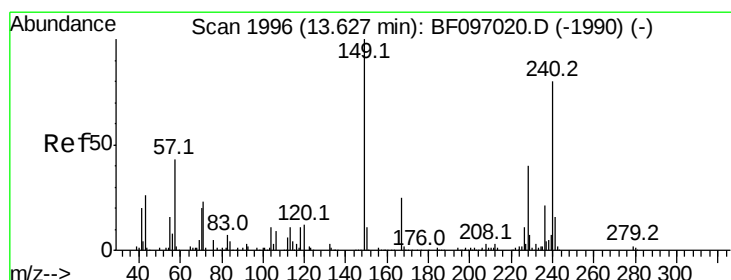
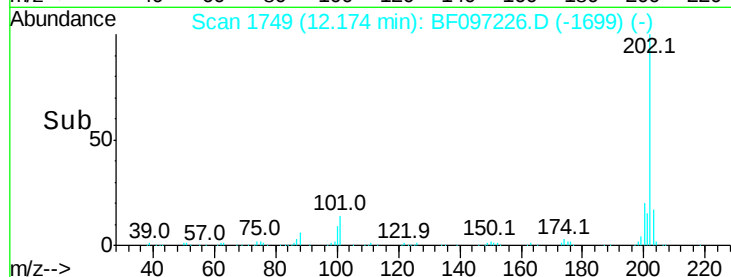
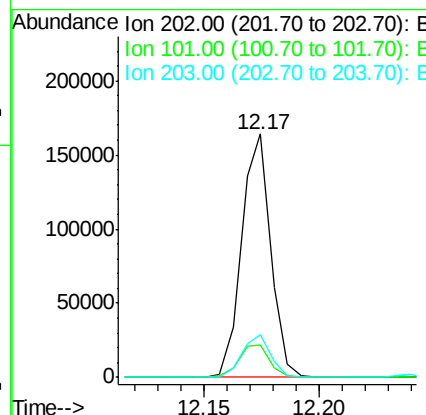
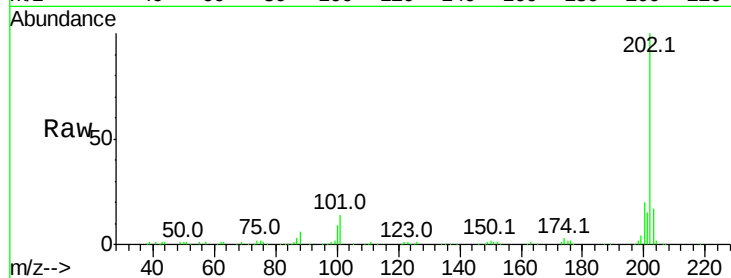
ClientSampleId :

E2-K6-WSW

Tot Ion	Ratio	Resp	Lower	Upper
202	100	144269		
101	13.5	0.0	33.2	
203	17.4	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

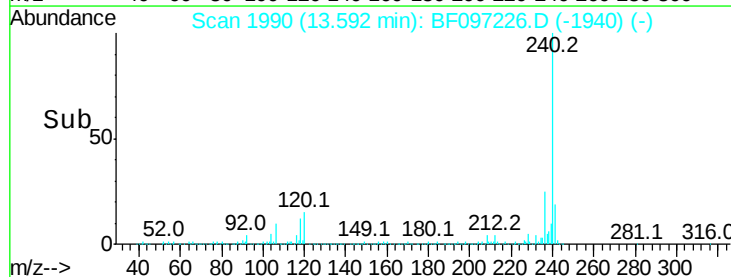
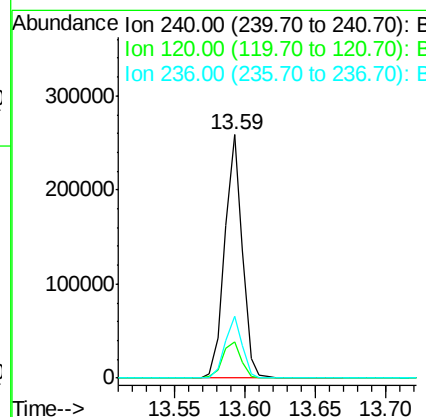
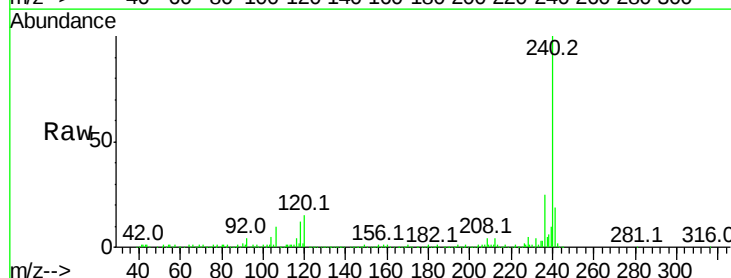
RT: 13.59 min Scan# 1990

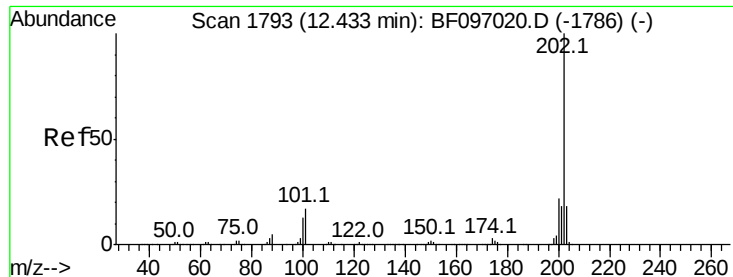
Delta R.T. -0.01 min

Lab File: BF097226.D

Acq: 1 Aug 2017 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	223213		
120	14.8	5.8	8.8#	
236	25.2	20.5	30.7	





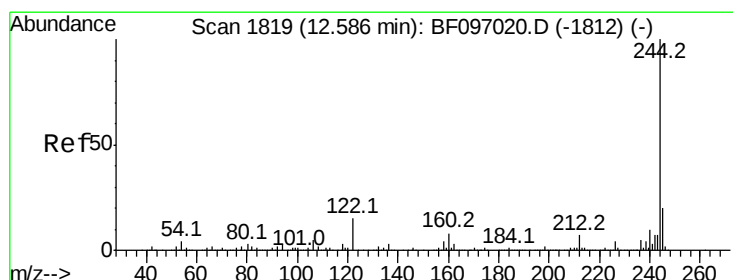
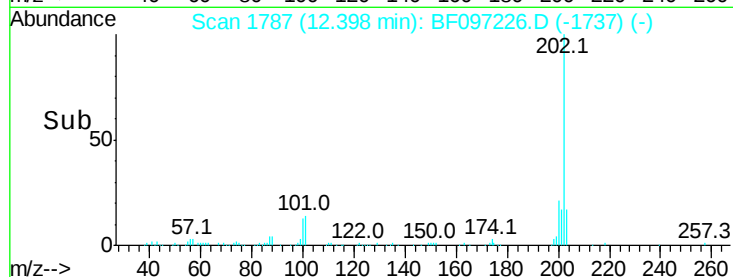
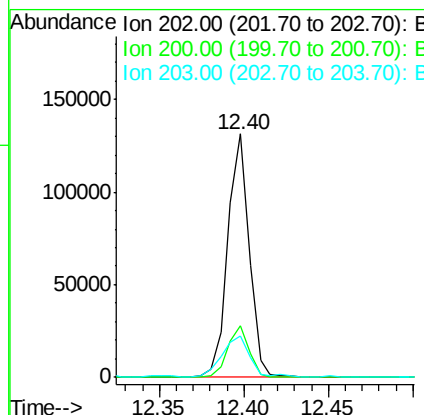
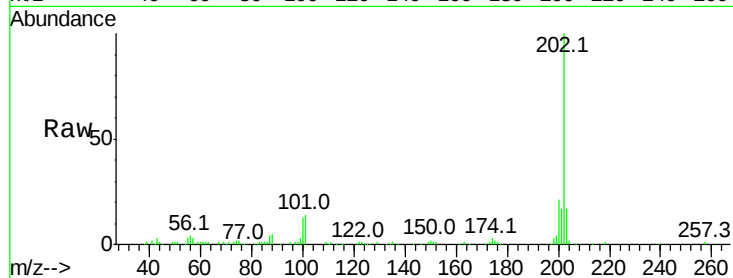
#77
Pvrene
Concen: 6.364 ng
RT: 12.40 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF097226.D
Acq: 1 Aug 2017 12:15

Instrument :
BNA_F
ClientSampleId :
E2-K6-WSW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.0	14.4	21.6

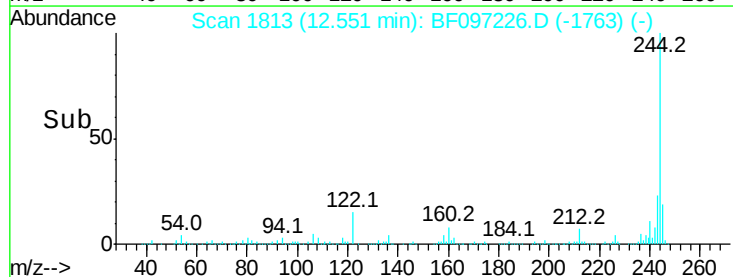
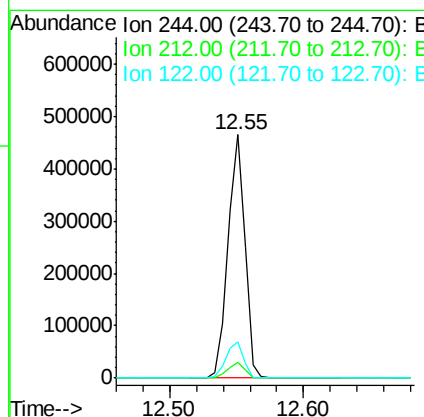
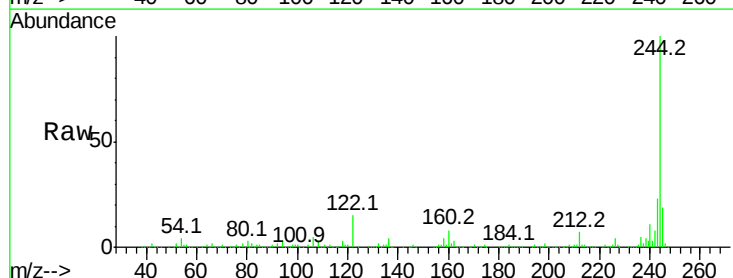
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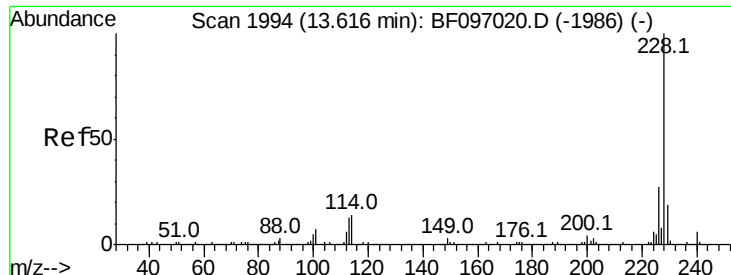
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#78
Terphenyl-d14
Concen: 38.151 ng
RT: 12.55 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF097226.D
Acq: 1 Aug 2017 12:15

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.1	10.3	15.5





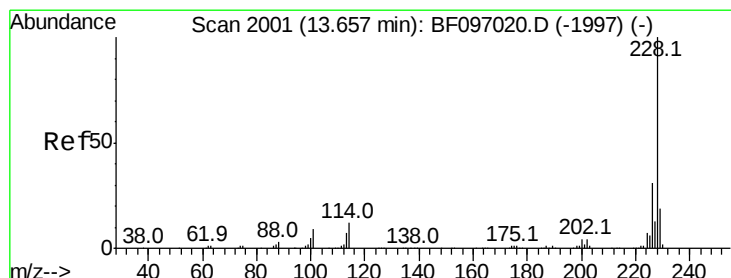
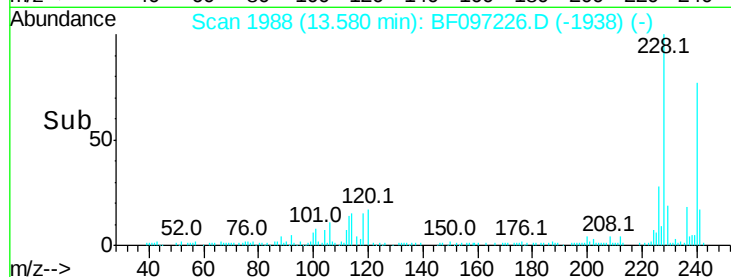
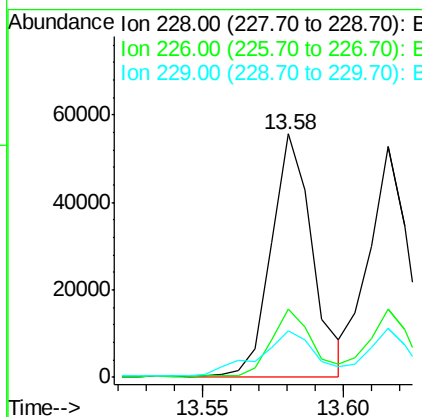
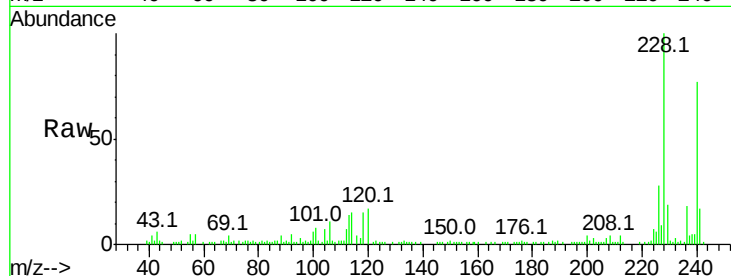
#80
Benzo(a)anthracene
Concen: 3.923 ng
RT: 13.58 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF097226.D
Acq: 1 Aug 2017 12:15

Instrument :
BNA_F
ClientSampleId :
E2-K6-WSW

Tot Ion:228	Resp:	56661
Ion Ratio	Lower	Upper
228 100		
226 27.8	22.6	33.8
229 19.0	16.3	24.5

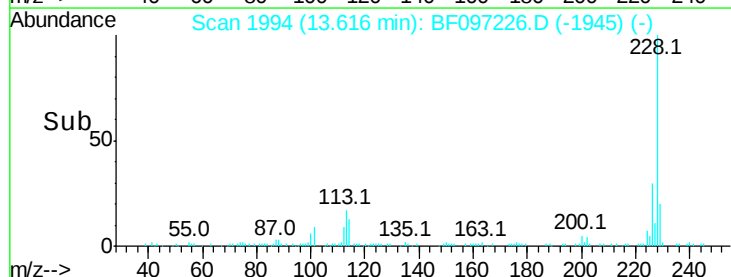
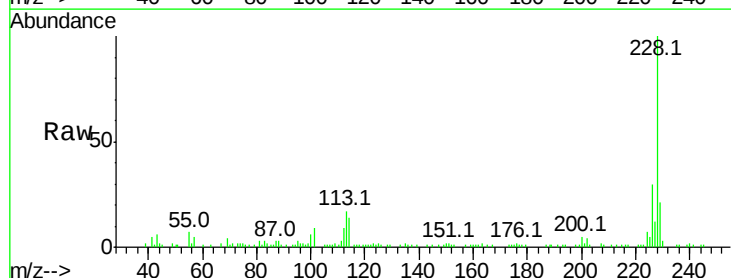
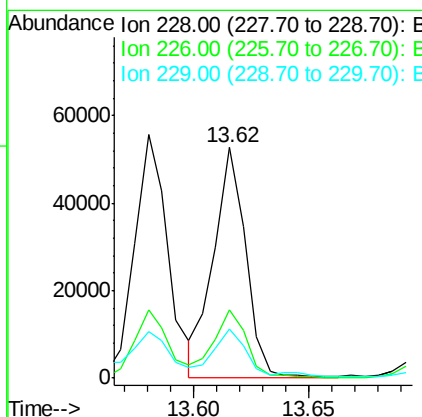
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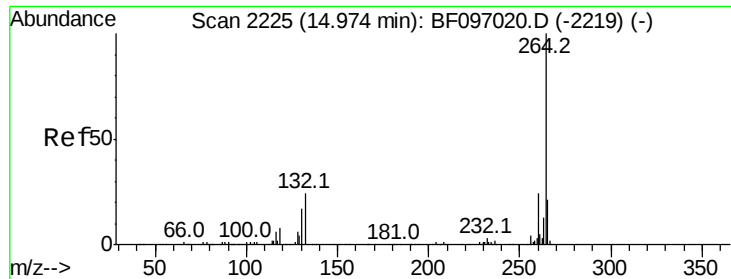
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#82
Chrysene
Concen: 3.651 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF097226.D
Acq: 1 Aug 2017 12:15

Tgt Ion:228	Resp:	51495
Ion Ratio	Lower	Upper
228 100		
226 29.8	24.9	37.3
229 21.1	15.8	23.6





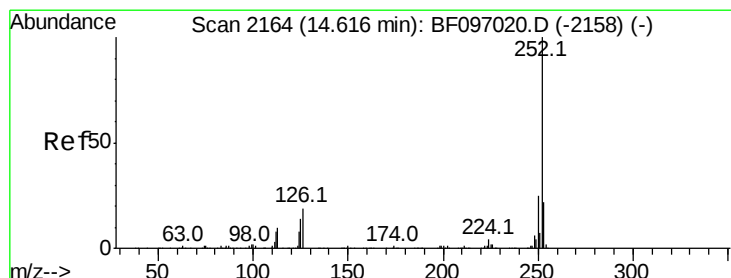
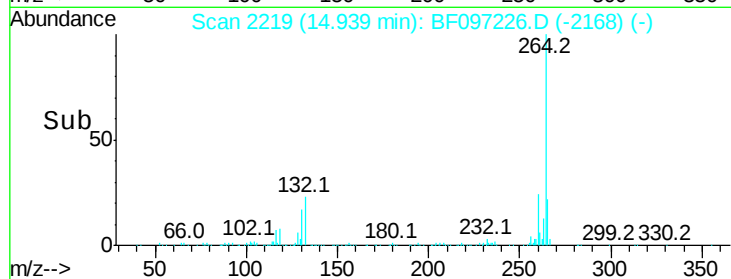
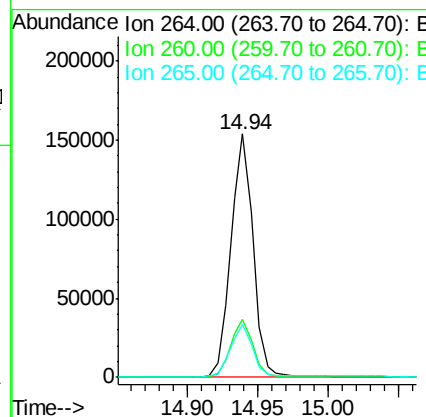
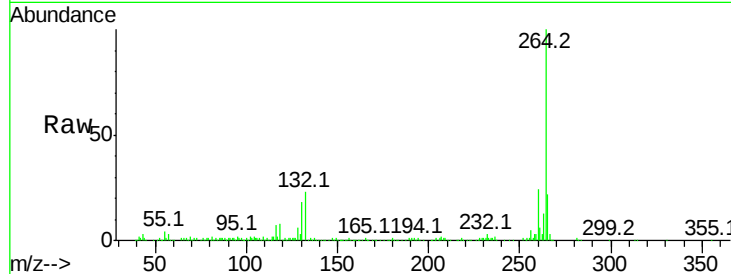
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.94 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF097226.D
Acq: 1 Aug 2017 12:15

Instrument :
BNA_F
ClientSampleId :
E2-K6-WSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.8	17.2	25.8

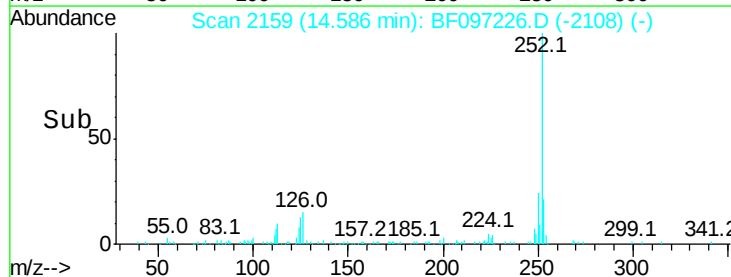
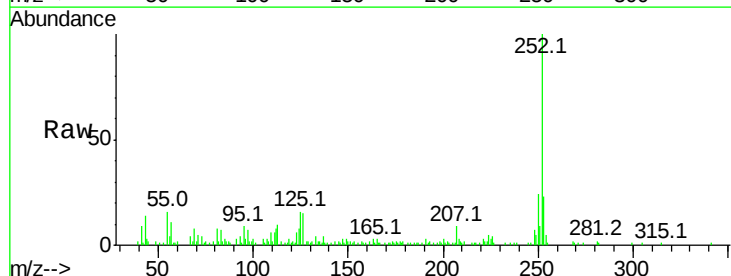
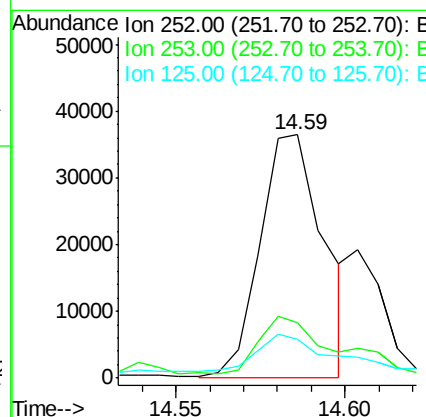
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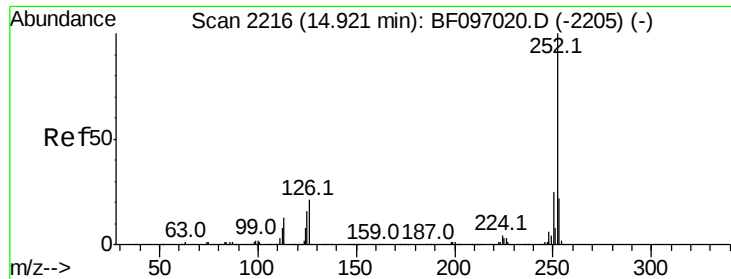
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#87
Benzo(b)fluoranthene
Concen: 4.712 ng m
RT: 14.59 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BF097226.D
Acq: 1 Aug 2017 12:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	15.7	9.8	14.8#





#89
 Benzo(a)pyrene
 Concen: 3.089 ng
 RT: 14.89 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BF097226.D
 Acq: 1 Aug 2017 12:15

Instrument :
 BNA_F
 ClientSampleId :
 E2-K6-WSW

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.9	17.5	26.3
125	18.3	11.0	16.4

Manual Integrations
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