

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096685.D
 Acq On : 12 Jul 2017 11:11
 Operator : SJ/JU
 Sample : I4130-19
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-SSW

Manual Integrations
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Quant Time: Jul 12 15:20:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	114408	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	476370	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	222755	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	318787	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	226403	20.00	ng	-0.02
86) Perylene-d12	15.23	264	157033	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	816753	105.37	ng	0.00
7) Phenol-d6	6.33	99	857341	89.97	ng	-0.01
23) Nitrobenzene-d5	7.25	82	474143	59.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	148379	85.28	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	971617	74.58	ng	-0.02
78) Terphenyl-d14	12.78	244	532004	50.21	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.44	163	283093	17.024	ng	99
70) Phenanthrene	11.22	178	125286	7.270	ng	97
74) Fluoranthene	12.40	202	177097	10.482	ng	98
77) Pyrene	12.63	202	174057	9.578	ng	97
80) Benzo(a)anthracene	13.82	228	79682	6.078	ng	98
82) Chrysene	13.85	228	70641	5.145	ng	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	26357	2.432	ng	95
87) Benzo(b)fluoranthene	14.83	252	70481m	7.163	ng	
88) Benzo(k)fluoranthene	14.86	252	19975m	2.269	ng	
89) Benzo(a)pyrene	15.17	252	46831	5.331	ng	96
91) Benzo(g,h,i)perylene	16.97	276	24962	3.486	ng	98

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

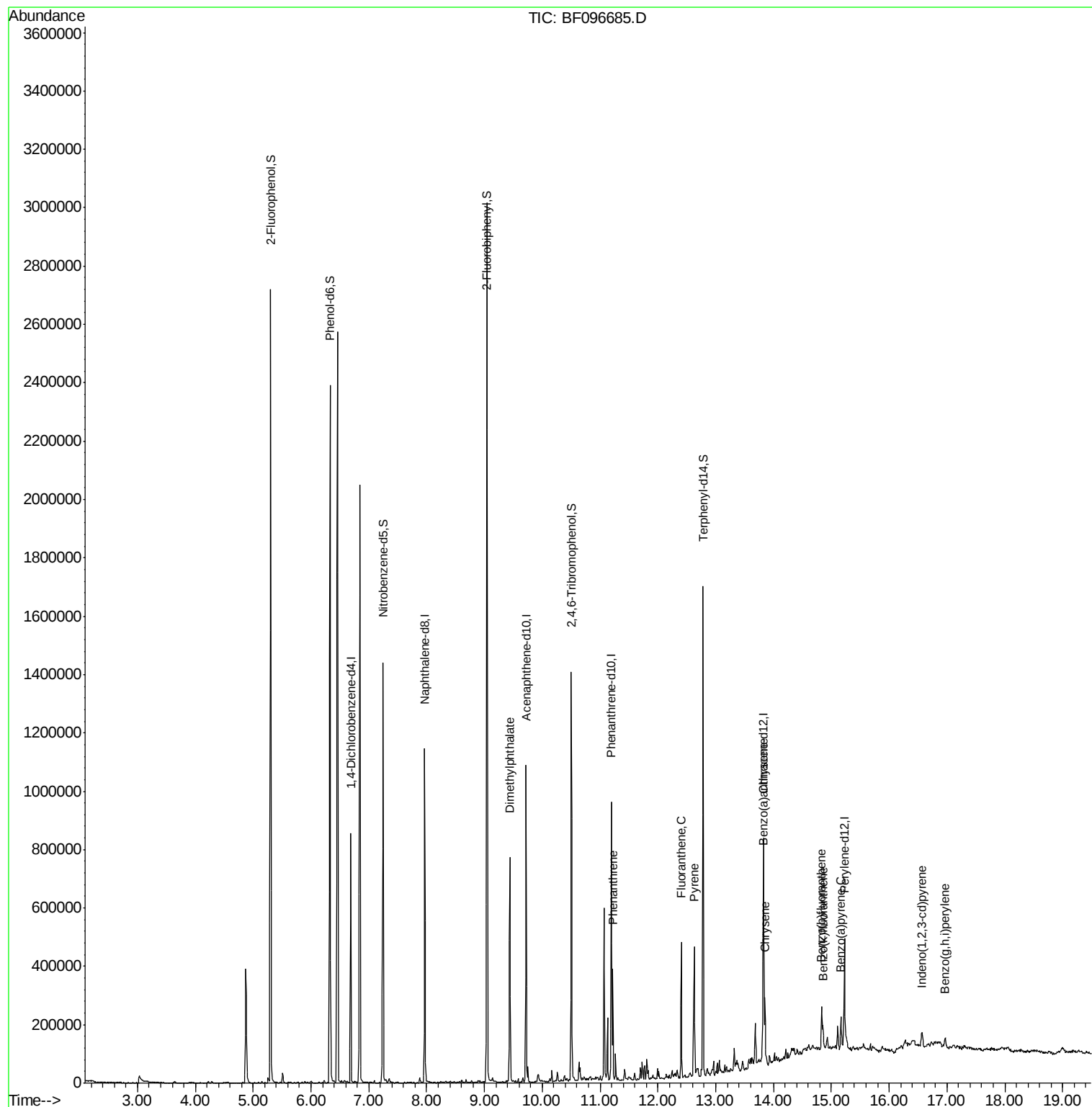
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096685.D
Acq On : 12 Jul 2017 11:11
Operator : SJ/JU
Sample : I4130-19
Misc :
ALS Vial : 50 Sample Multiplier: 1

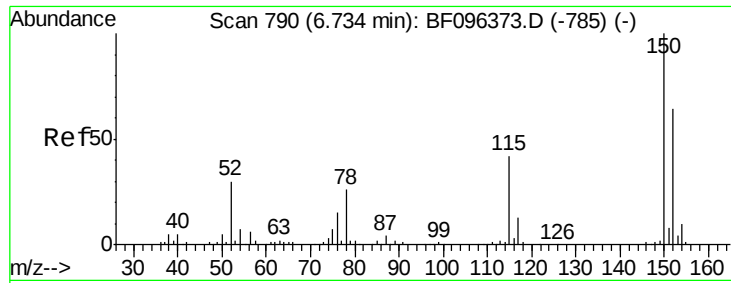
Instrument :
BNA_F
ClientSampleId :
E2-HS3-SSW

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#1

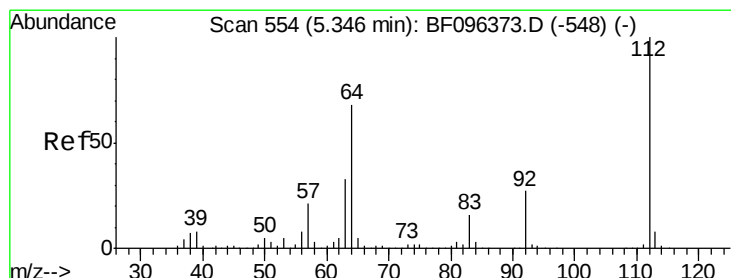
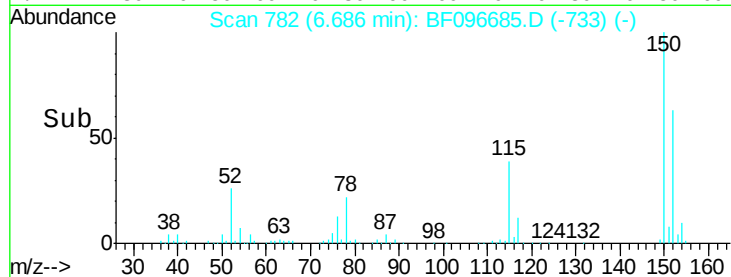
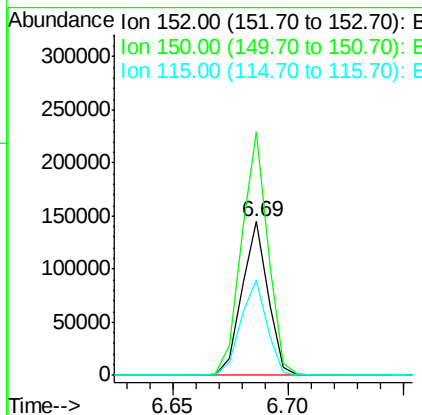
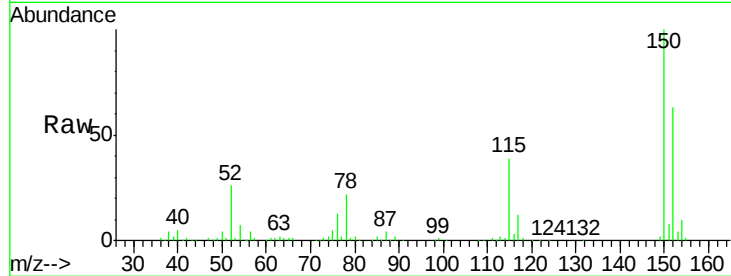
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096685.D
Acq: 12 Jul 2017 11:11

Instrument :
BNA_F
ClientSampleId :
E2-HS3-SSW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	62.0	52.2	78.2

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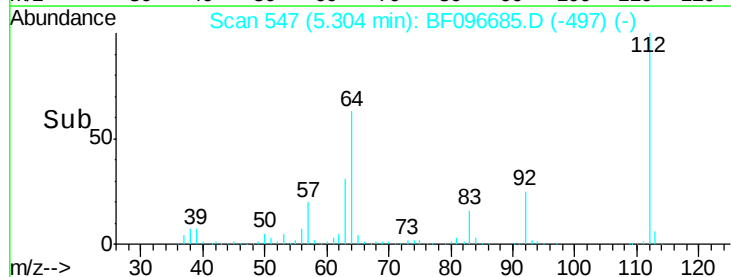
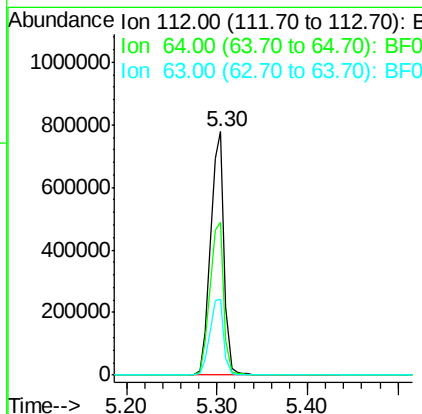
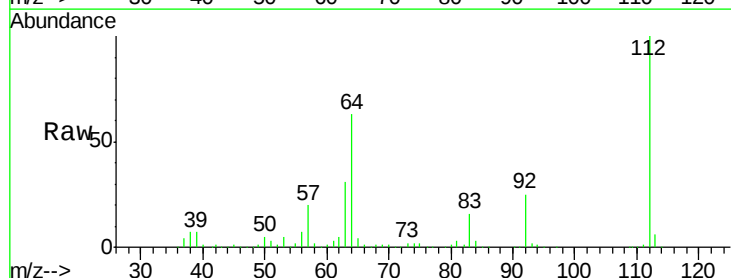
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#5

2-Fluorophenol
Concen: 105.369 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF096685.D
Acq: 12 Jul 2017 11:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	46.0	69.0
63	31.4	23.4	35.0





#7

Phenol-d6

Concen: 89.969 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096685.D

Acq: 12 Jul 2017 11:11

Instrument :

BNA_F

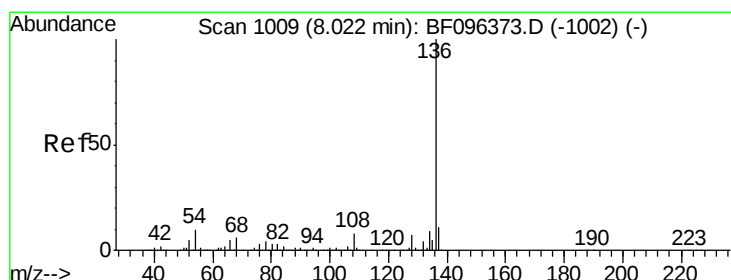
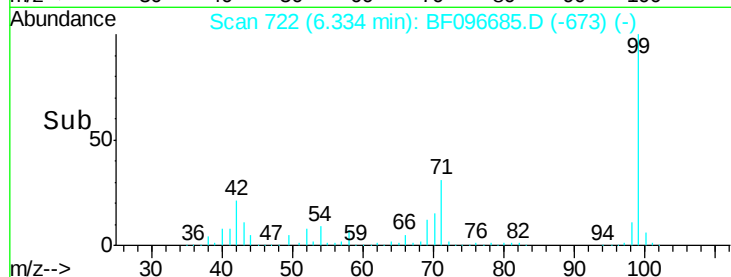
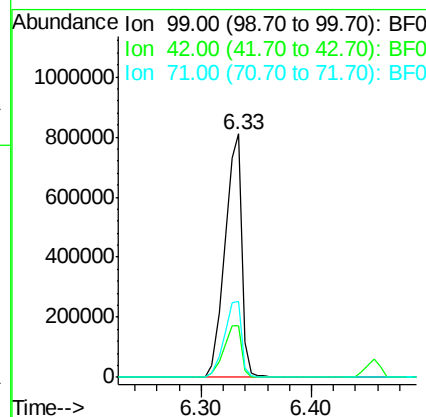
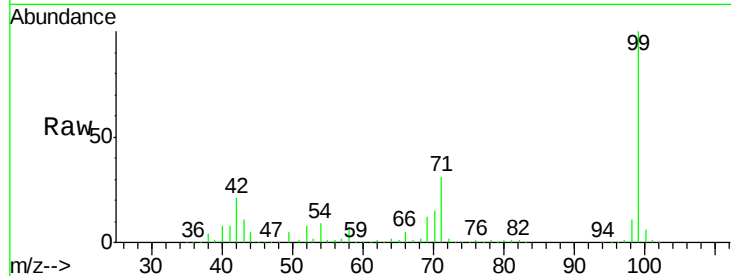
ClientSampleId :

E2-HS3-SSW

Tgt Ion:	99	Resp:	857341
Ion Ratio	Lower	Upper	
99	100		
42	21.4	13.5	20.3#
71	31.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

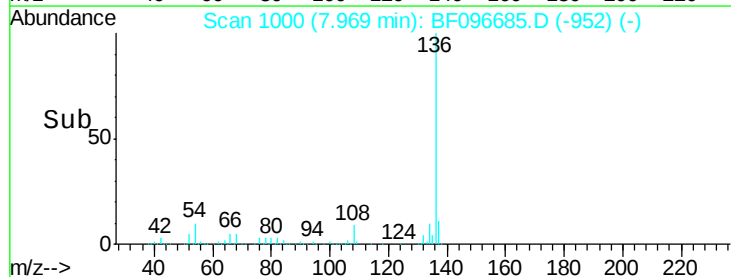
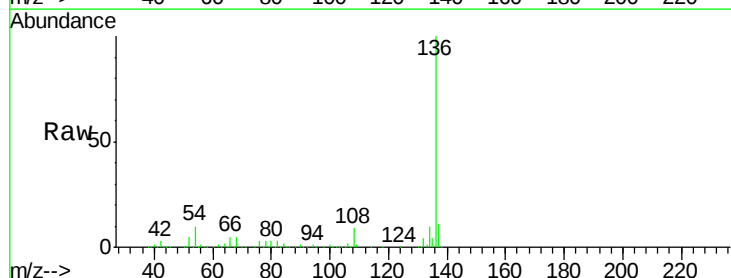
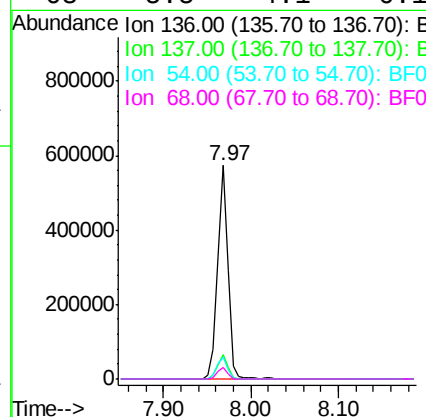
RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096685.D

Acq: 12 Jul 2017 11:11

Tgt Ion:	136	Resp:	476370
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	10.2	4.9	7.3#
68	5.5	4.1	6.1





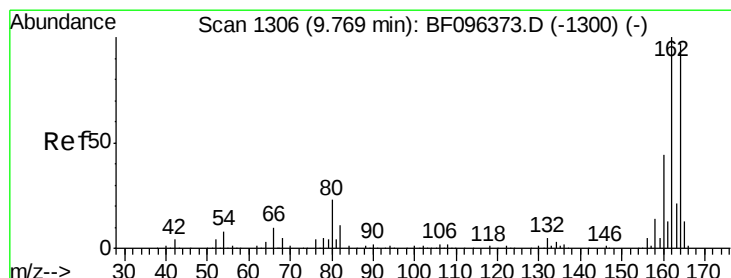
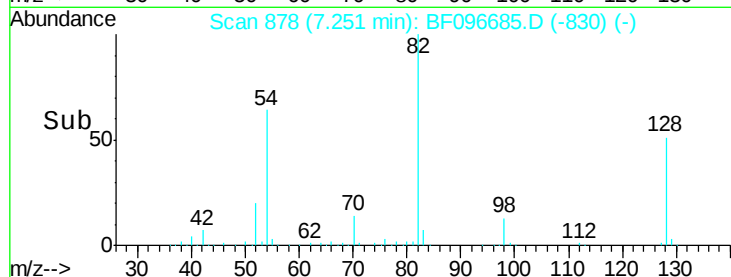
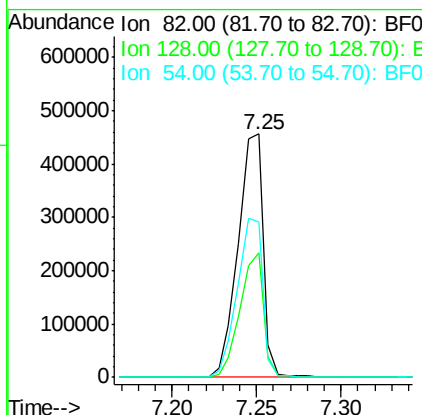
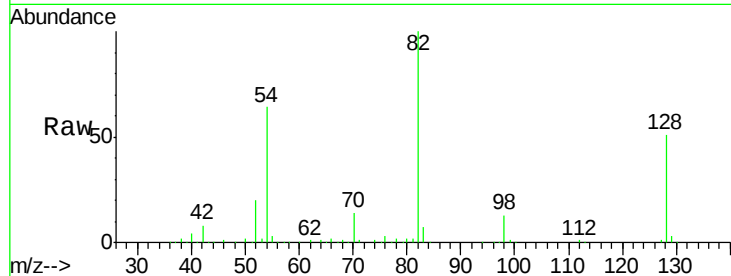
#23
 Nitrobenzene-d5
 Concen: 59.810 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096685.D
 Acq: 12 Jul 2017 11:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-SSW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.4	34.0	51.0#
54	64.0	42.2	63.2#

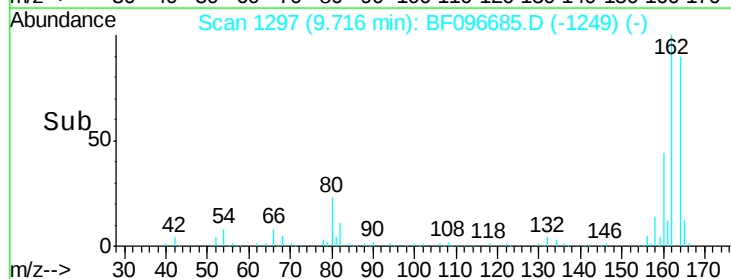
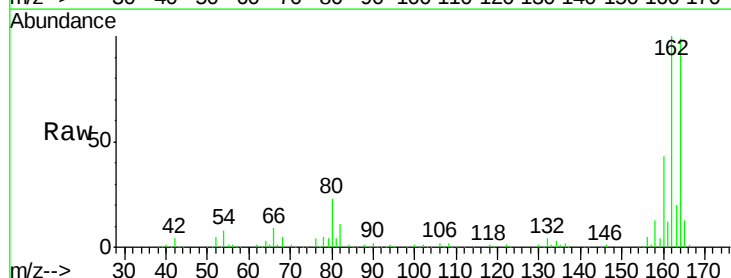
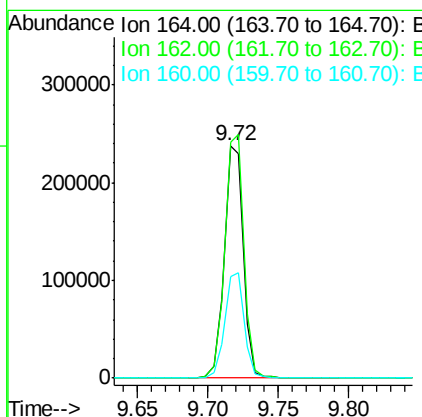
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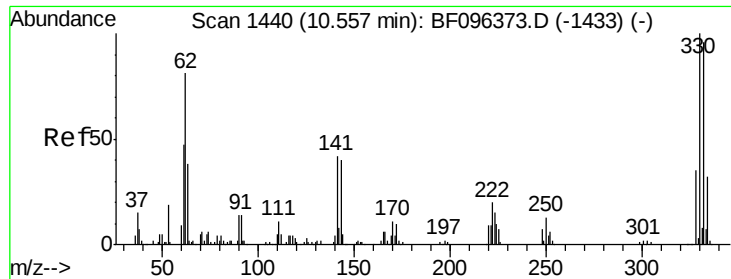
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096685.D
 Acq: 12 Jul 2017 11:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	43.8	36.2	54.2





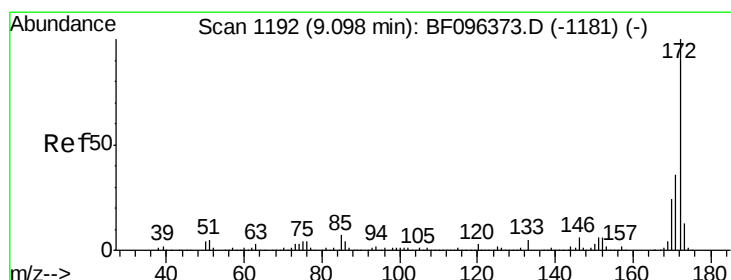
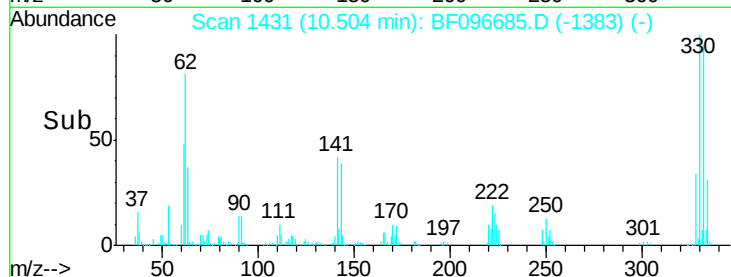
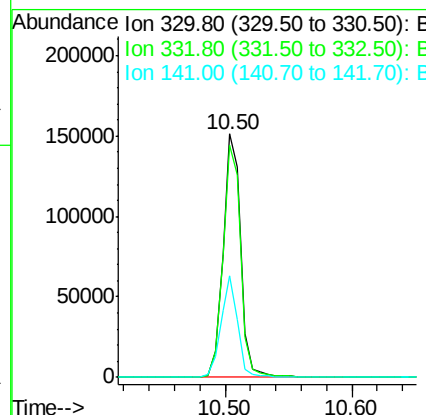
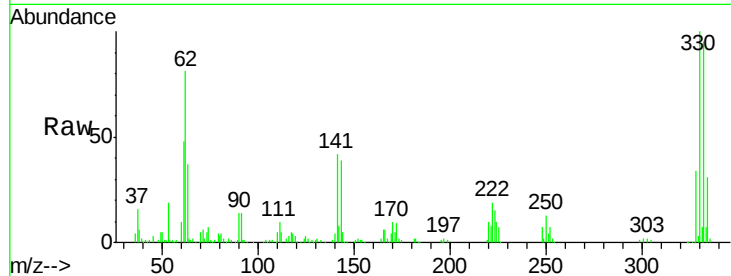
#41
 2,4,6-Tribromophenol
 Concen: 85.276 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096685.D
 Acq: 12 Jul 2017 11:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-SSW

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	148379		
332	96.2	76.6	115.0	
141	39.6	31.4	47.2	

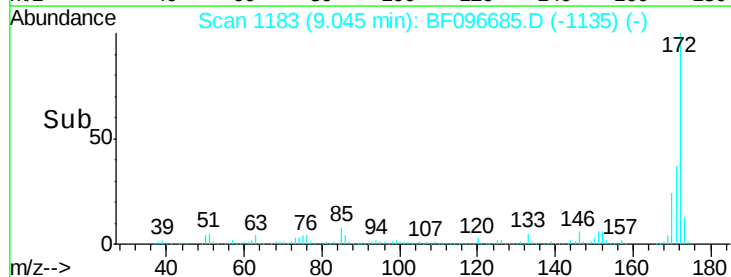
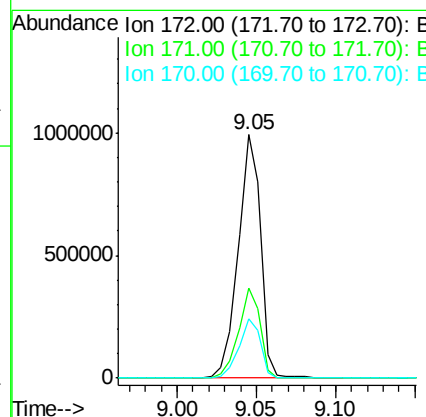
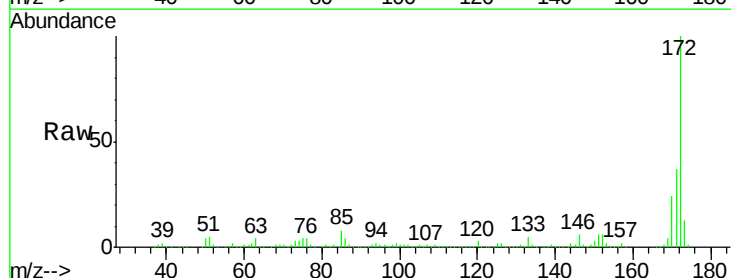
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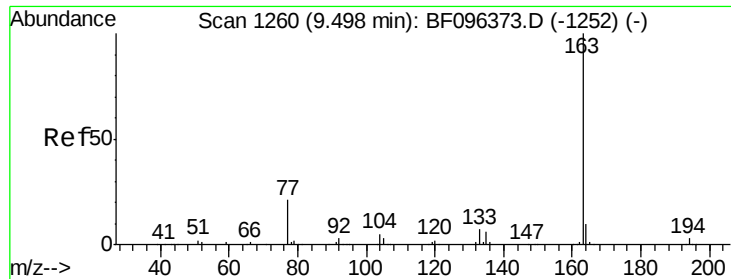
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#44
 2-Fluorobiphenyl
 Concen: 74.577 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096685.D
 Acq: 12 Jul 2017 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	971617		
171	36.7	29.6	44.4	
170	24.2	19.8	29.8	





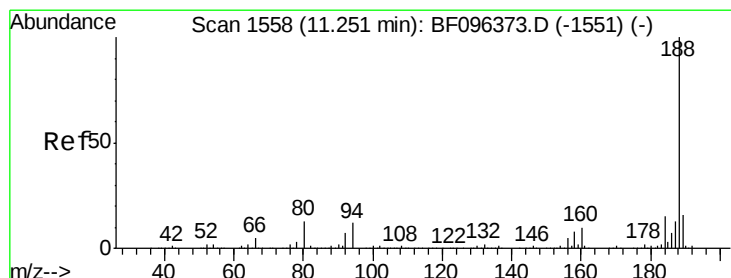
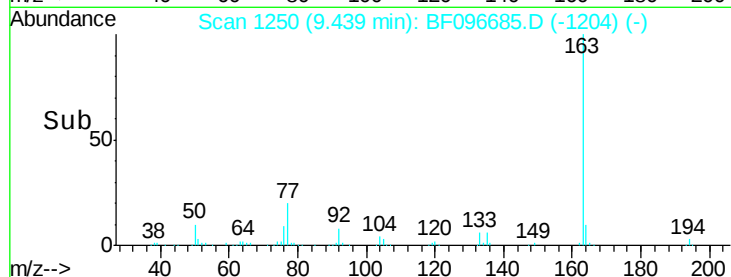
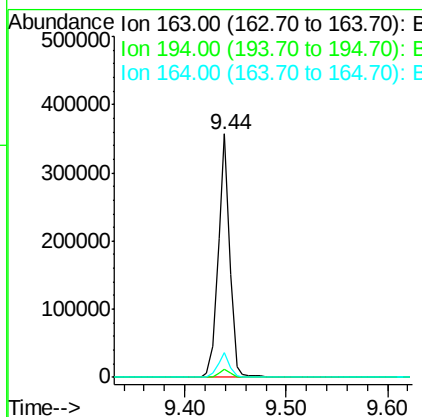
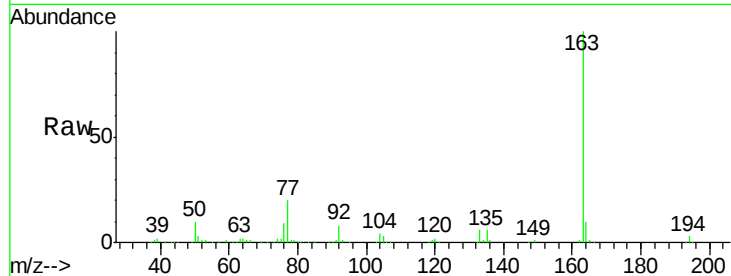
#49
Dimethylphthalate
Concen: 17.024 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096685.D
Acq: 12 Jul 2017 11:11

Instrument :
BNA_F
ClientSampleId :
E2-HS3-SSW

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.0	8.4	12.6

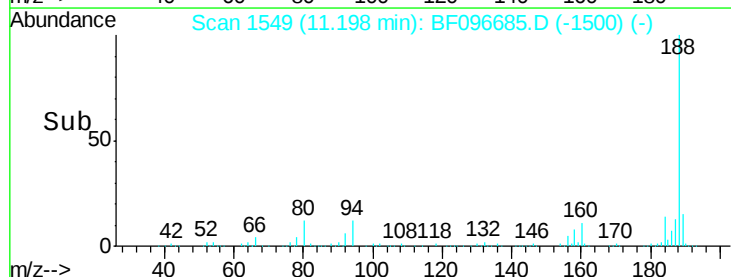
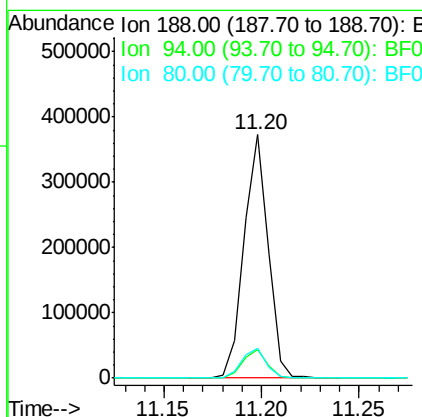
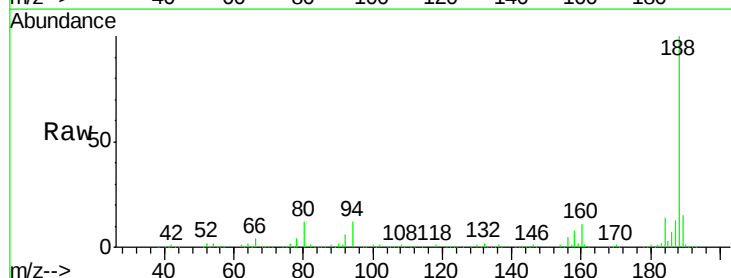
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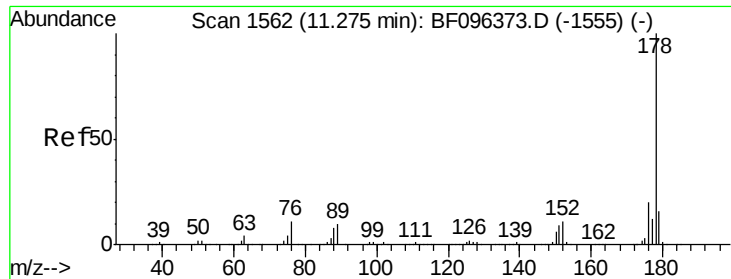
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096685.D
Acq: 12 Jul 2017 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.8	9.4	14.2
80	12.1	10.2	15.2





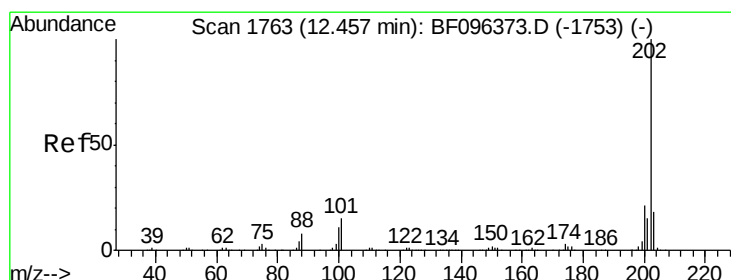
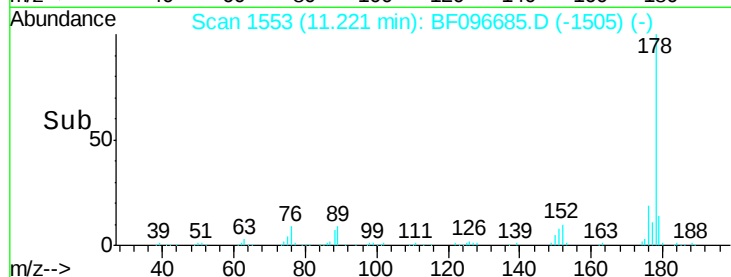
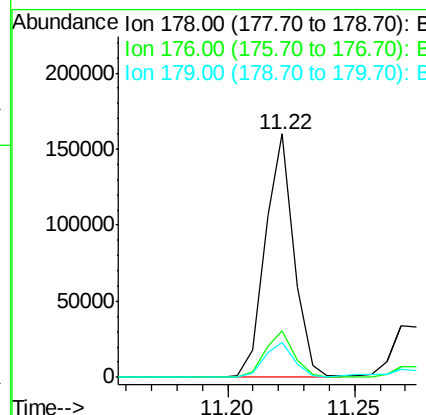
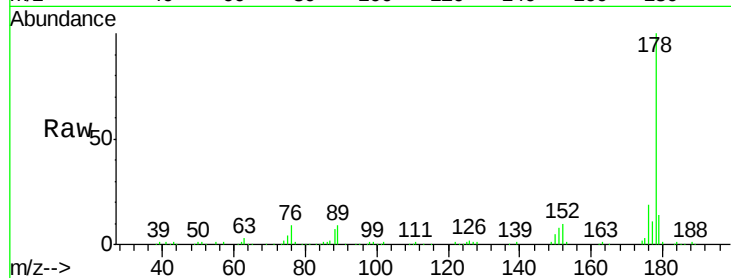
#70
Phenanthrene
Concen: 7.270 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF096685.D
Acq: 12 Jul 2017 11:11

Instrument :
BNA_F
ClientSampleId :
E2-HS3-SSW

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.4	12.6	19.0

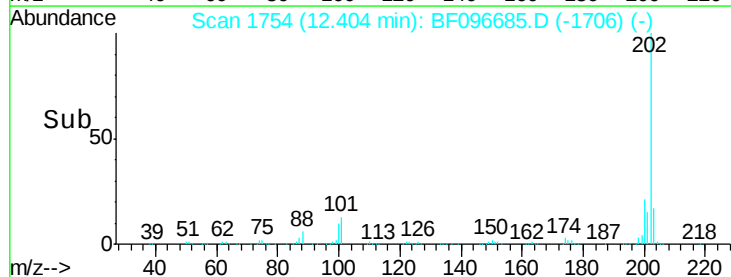
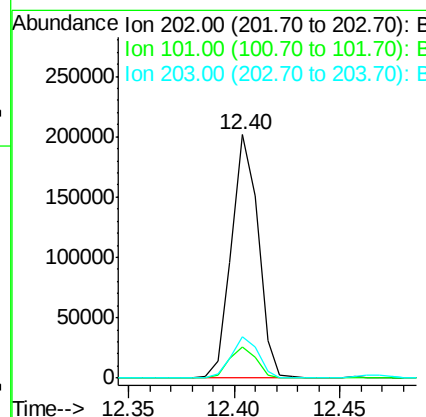
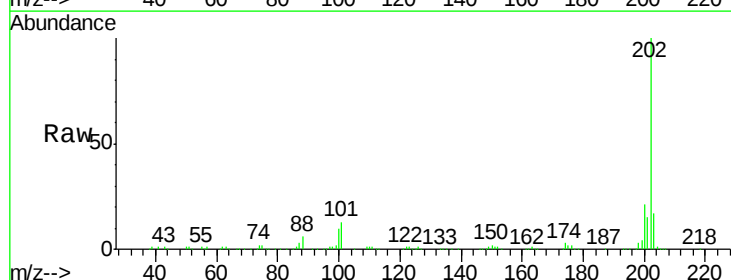
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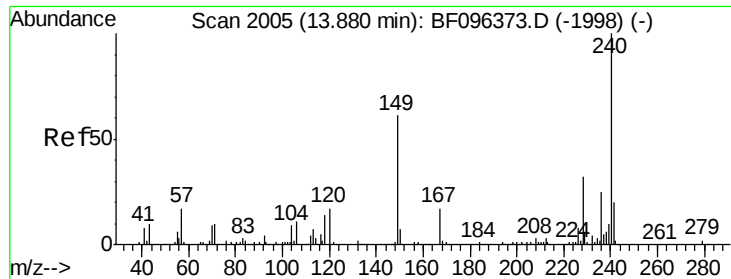
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#74
Fluoranthene
Concen: 10.482 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096685.D
Acq: 12 Jul 2017 11:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096685.D

Acq: 12 Jul 2017 11:11

Instrument :

BNA_F

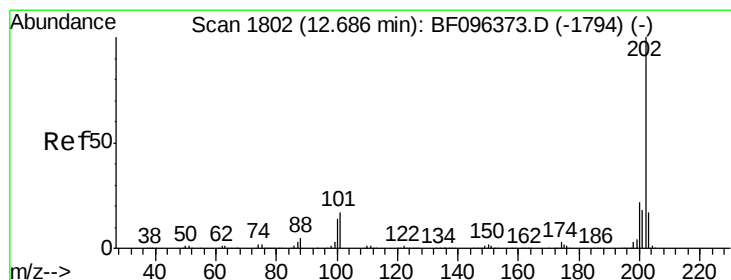
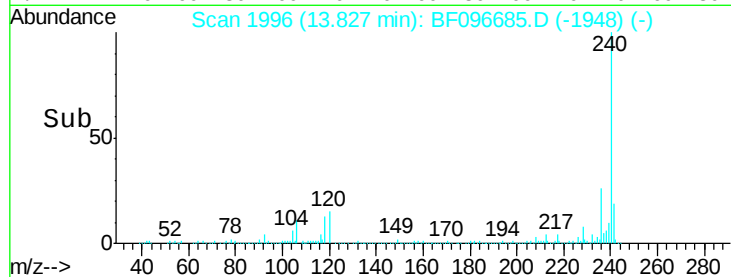
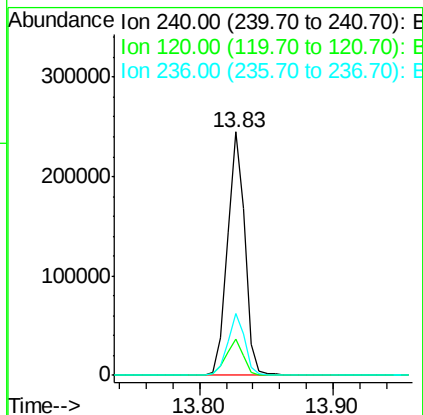
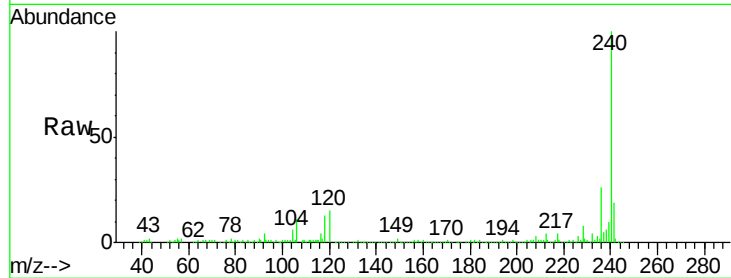
ClientSampleId :

E2-HS3-SSW

Tgt Ion:240 Resp: 226403
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 25.5 20.5 30.7

Manual Integrations
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#77

Pyrene

Concen: 9.578 ng

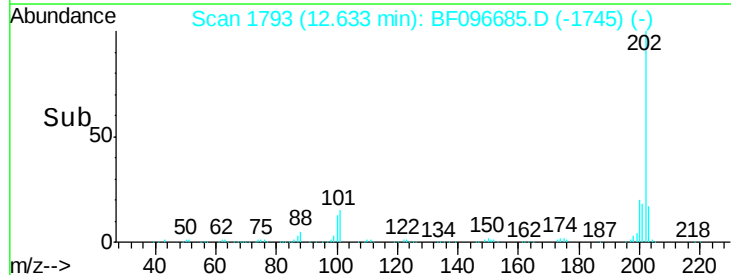
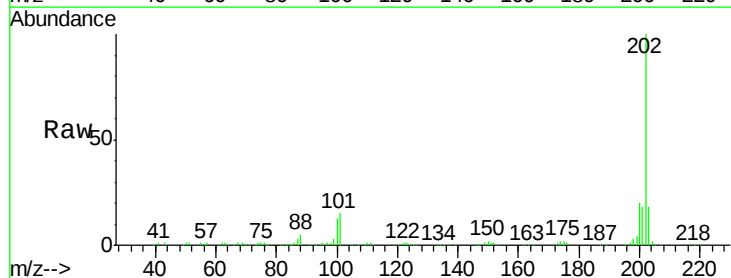
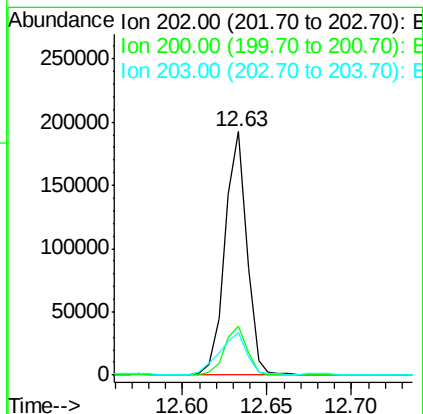
RT: 12.63 min Scan# 1793

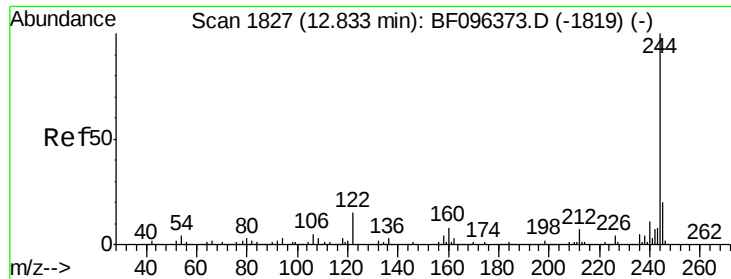
Delta R.T. -0.02 min

Lab File: BF096685.D

Acq: 12 Jul 2017 11:11

Tgt Ion:202 Resp: 174057
 Ion Ratio Lower Upper
 202 100
 200 20.0 17.6 26.4
 203 17.6 14.4 21.6





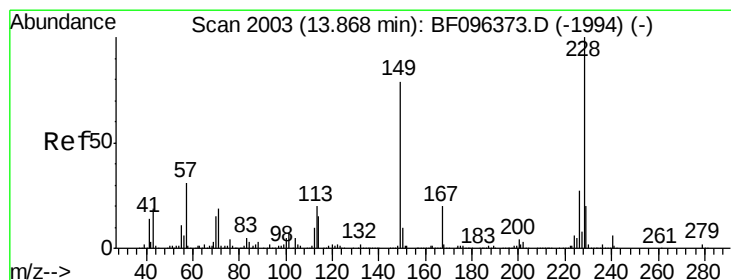
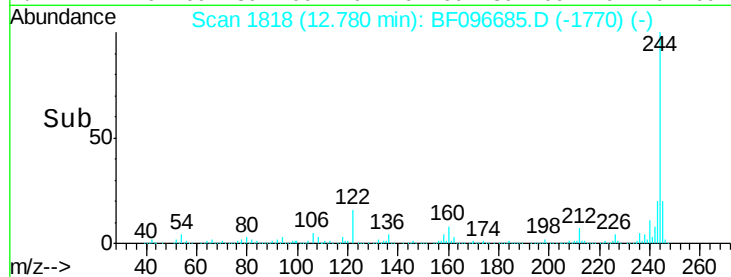
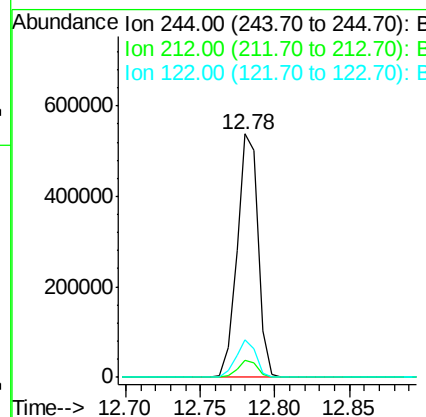
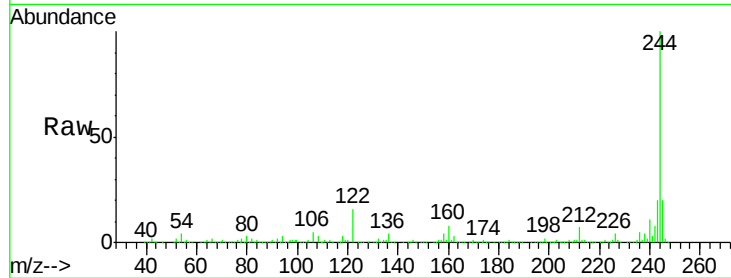
#78
 Terphenyl-d14
 Concen: 50.212 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096685.D
 Acq: 12 Jul 2017 11:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-SSW

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.5	10.3	15.5

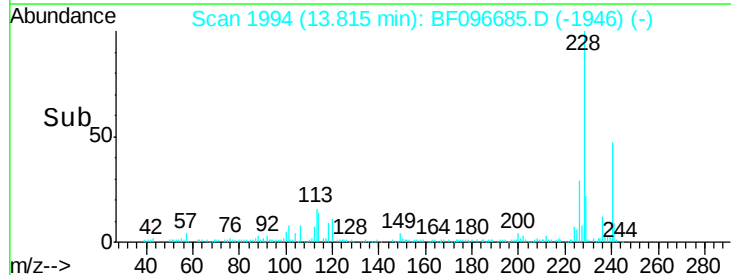
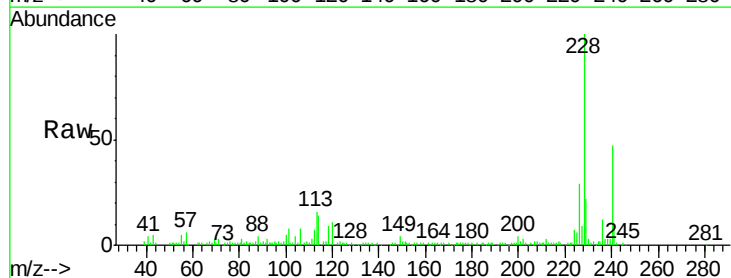
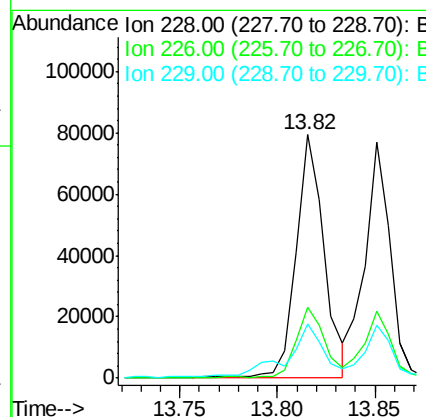
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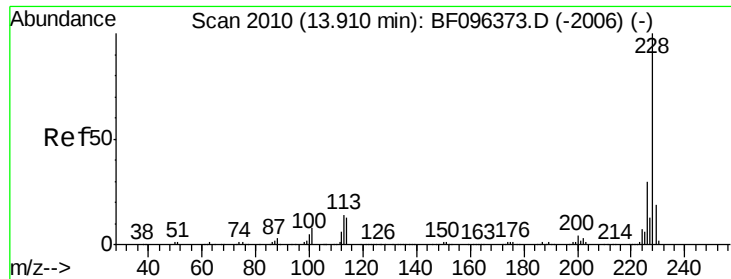
mohammad
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#80
 Benzo(a)anthracene
 Concen: 6.078 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF096685.D
 Acq: 12 Jul 2017 11:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	22.1	16.3	24.5





#82

Chrysene

Concen: 5.145 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF096685.D

Acq: 12 Jul 2017 11:11

Instrument :

BNA_F

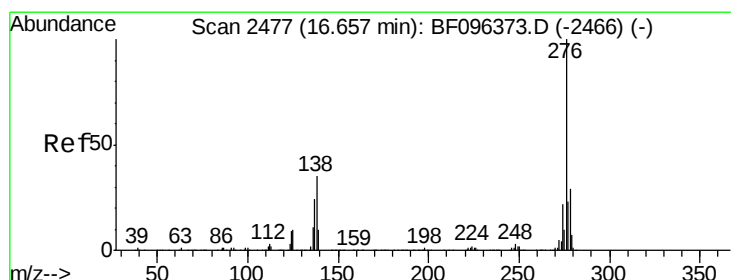
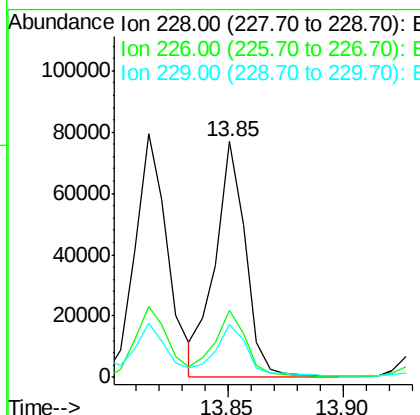
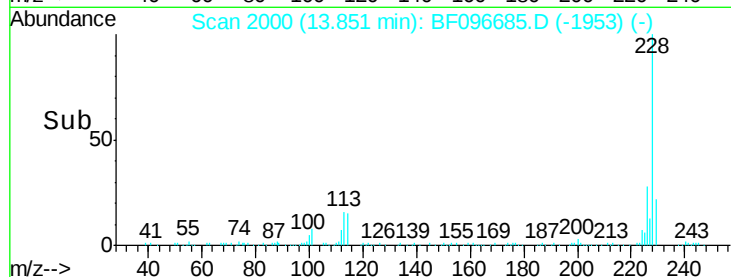
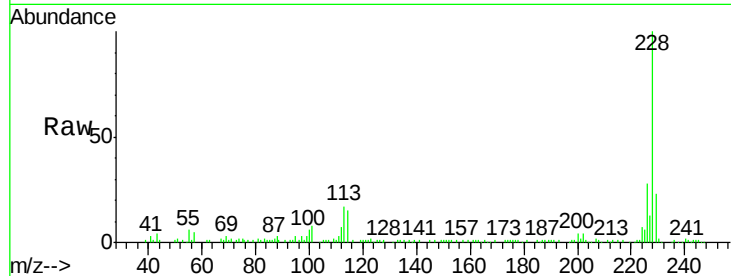
ClientSampleId :

E2-HS3-SSW

Tgt Ion:	228	Resp:	70641
Ion Ratio	Lower	Upper	
228	100		
226	28.3	24.9	37.3
229	22.6	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.432 ng

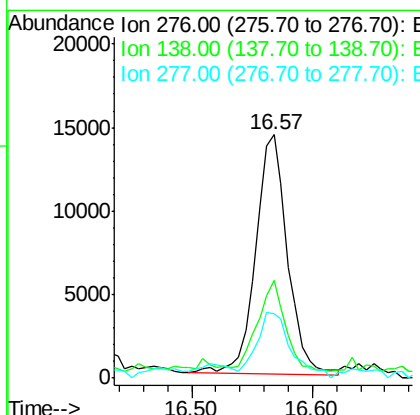
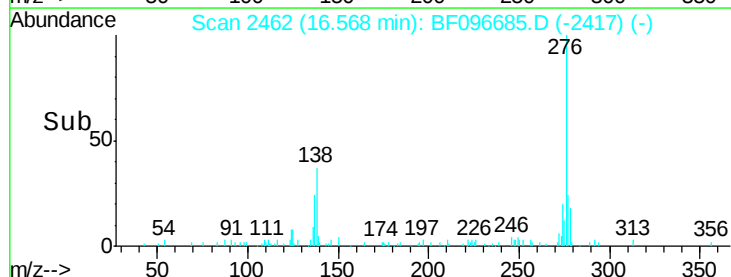
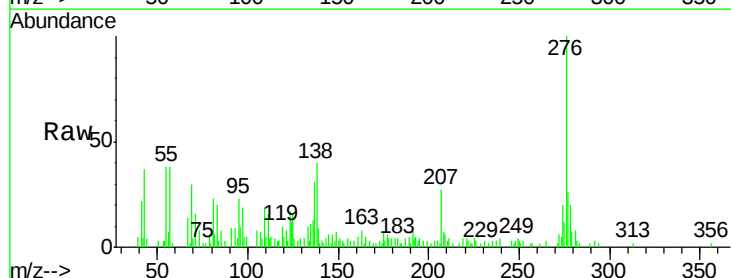
RT: 16.57 min Scan# 2462

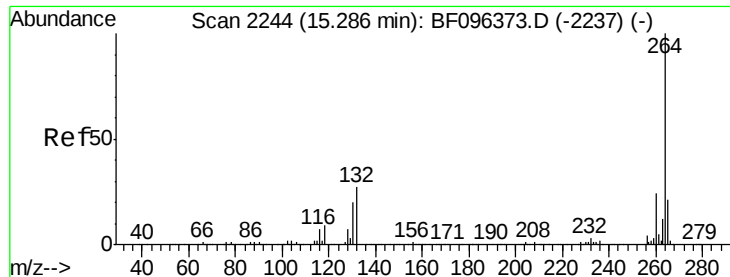
Delta R.T. -0.04 min

Lab File: BF096685.D

Acq: 12 Jul 2017 11:11

Tgt Ion:	276	Resp:	26357
Ion Ratio	Lower	Upper	
276	100		
138	32.9	27.8	41.6
277	29.6	20.2	30.4





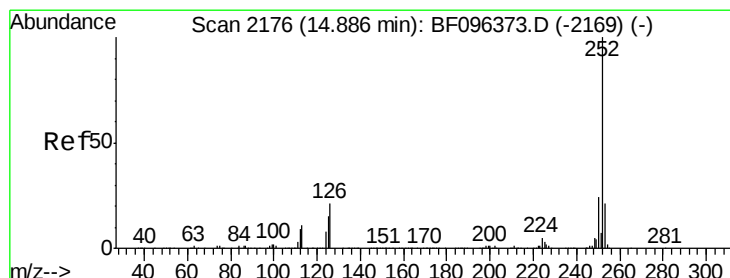
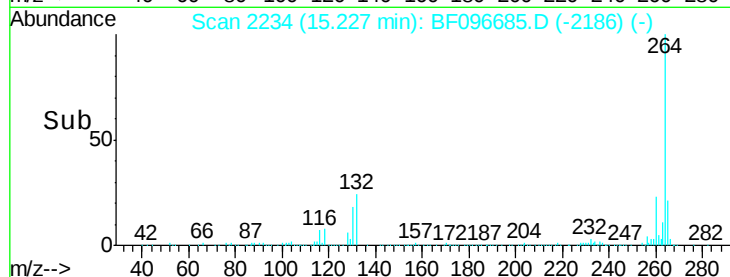
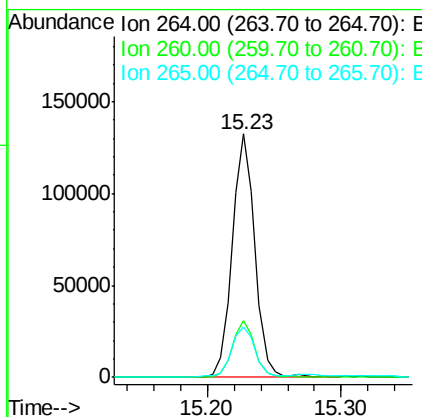
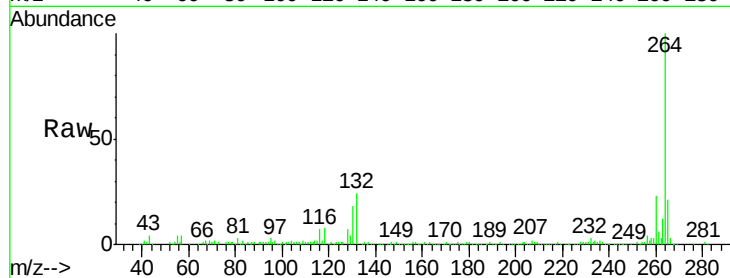
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF096685.D
Acq: 12 Jul 2017 11:11

Instrument :
BNA_F
ClientSampleId :
E2-HS3-SSW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.8	17.2	25.8

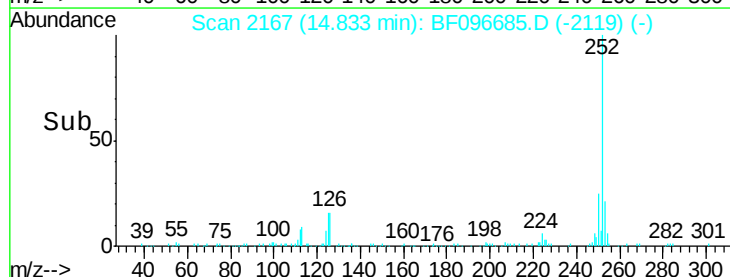
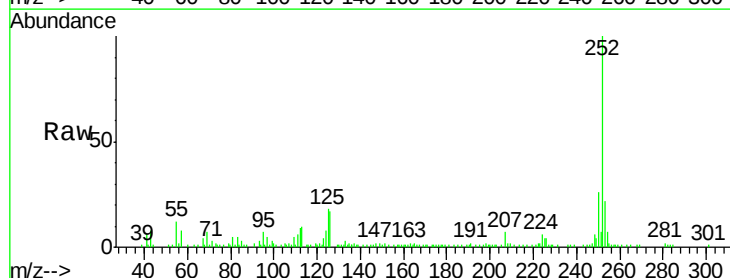
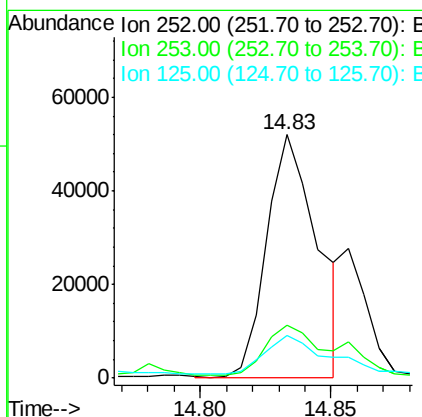
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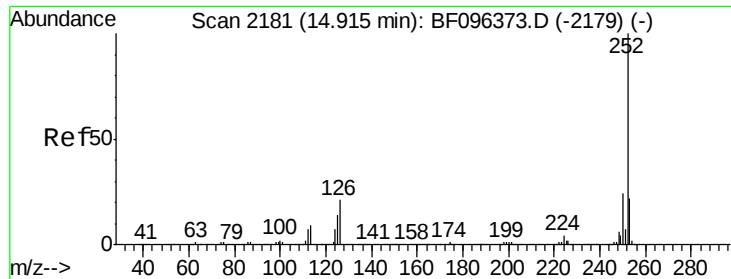
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#87
Benzo(b)fluoranthene
Concen: 7.163 ng m
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096685.D
Acq: 12 Jul 2017 11:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	17.6	9.8	14.8#





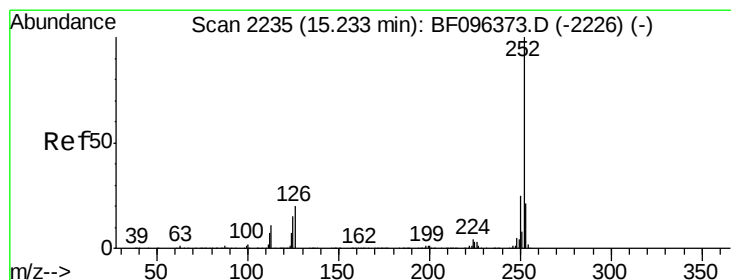
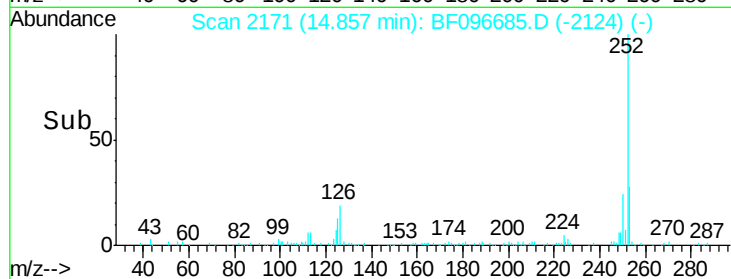
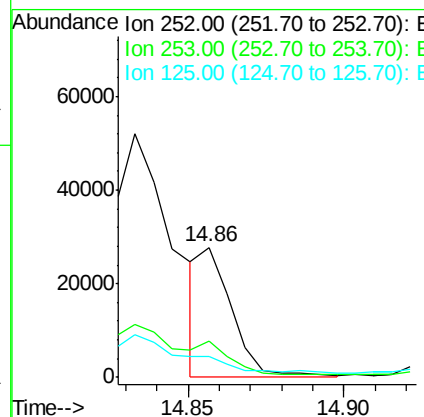
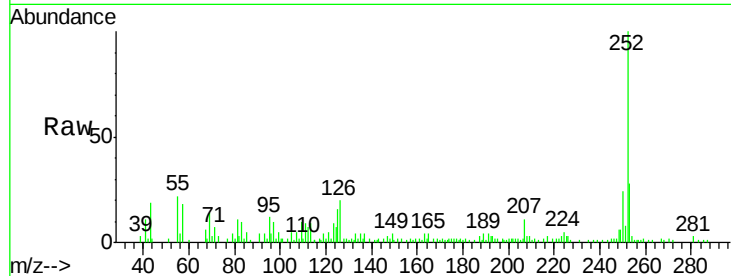
#88
Benzo(k)fluoranthene
Concen: 2.269 ng m
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096685.D
Acq: 12 Jul 2017 11:11

Instrument :
BNA_F
ClientSampleId :
E2-HS3-SSW

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.4	27.6#
125	16.0	13.1	19.7

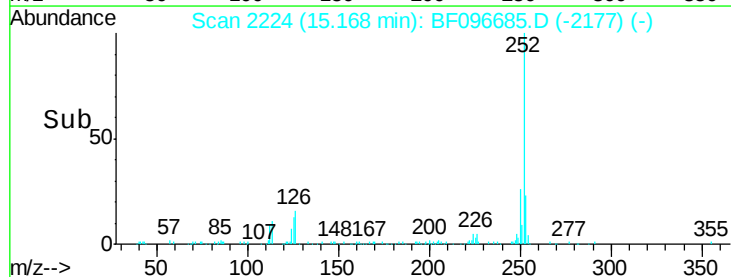
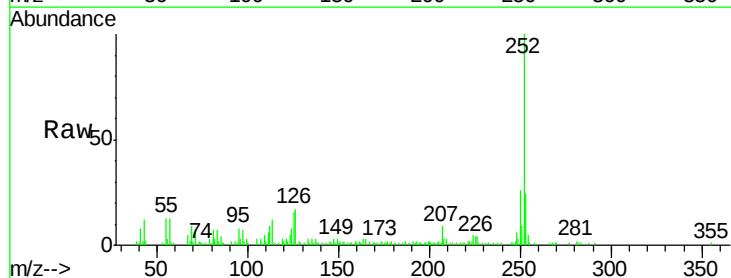
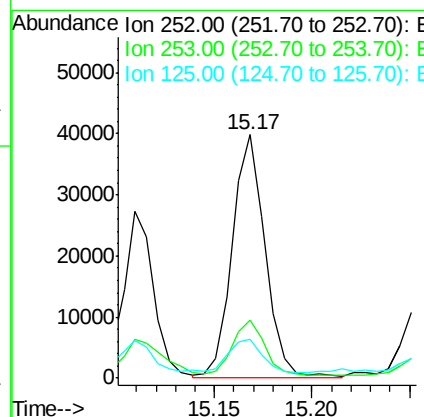
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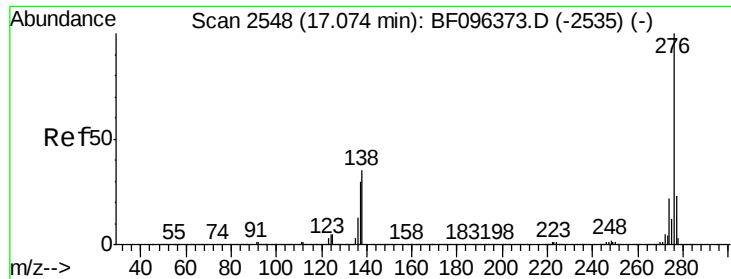
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#89
Benzo(a)pyrene
Concen: 5.331 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF096685.D
Acq: 12 Jul 2017 11:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	15.7	11.0	16.4





#91
 Benzo(g,h,i)perylene
 Concen: 3.486 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.04 min
 Lab File: BF096685.D
 Acq: 12 Jul 2017 11:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-SSW

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.8	18.6	28.0
138	32.0	25.4	38.0

Manual Integrations
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