

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096040.D
 Acq On : 20 Jun 2017 11:44
 Operator : SJ/MA
 Sample : I3686-01 2X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-NSW

Manual Integrations
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Quant Time: Jun 20 14:03:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	60184	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	227926	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	85259	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	146954	20.00	ng	-0.01
75) Chrysene-d12	18.29	240	126428	20.00	ng	-0.01
86) Perylene-d12	19.96	264	90553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	207717	55.00	ng	0.00
7) Phenol-d6	6.89	99	259553	57.40	ng	-0.02
23) Nitrobenzene-d5	8.23	82	120038	32.71	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	36939	48.97	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	254036	41.46	ng	-0.02
78) Terphenyl-d14	16.93	244	197148	38.70	ng	-0.02
Target Compounds						Qvalue
48) Acenaphthylene	11.94	152	36496	3.89	ng	97
49) Dimethylphthalate	11.82	163	28621	4.42	ng	97
70) Phenanthrene	14.60	178	59941	7.07	ng	98
71) Anthracene	14.69	178	37907	4.28	ng	98
74) Fluoranthene	16.38	202	349229	41.61	ng	99
77) Pyrene	16.69	202	304536	32.28	ng	98
80) Benzo(a)anthracene	18.27	228	142758	19.42	ng	97
82) Chrysene	18.32	228	109115	14.85	ng	98
85) Indeno(1,2,3-cd)pyrene	21.13	276	53558	8.52	ng	93
87) Benzo(b)fluoranthene	19.56	252	142118m	25.06	ng	
88) Benzo(k)fluoranthene	19.58	252	40975m	7.56	ng	
89) Benzo(a)pyrene	19.90	252	96211	18.46	ng	99
90) Dibenzo(a,h)anthracene	21.13	278	16225m	3.67	ng	
91) Benzo(g,h,i)perylene	21.46	276	43475	9.65	ng	97

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

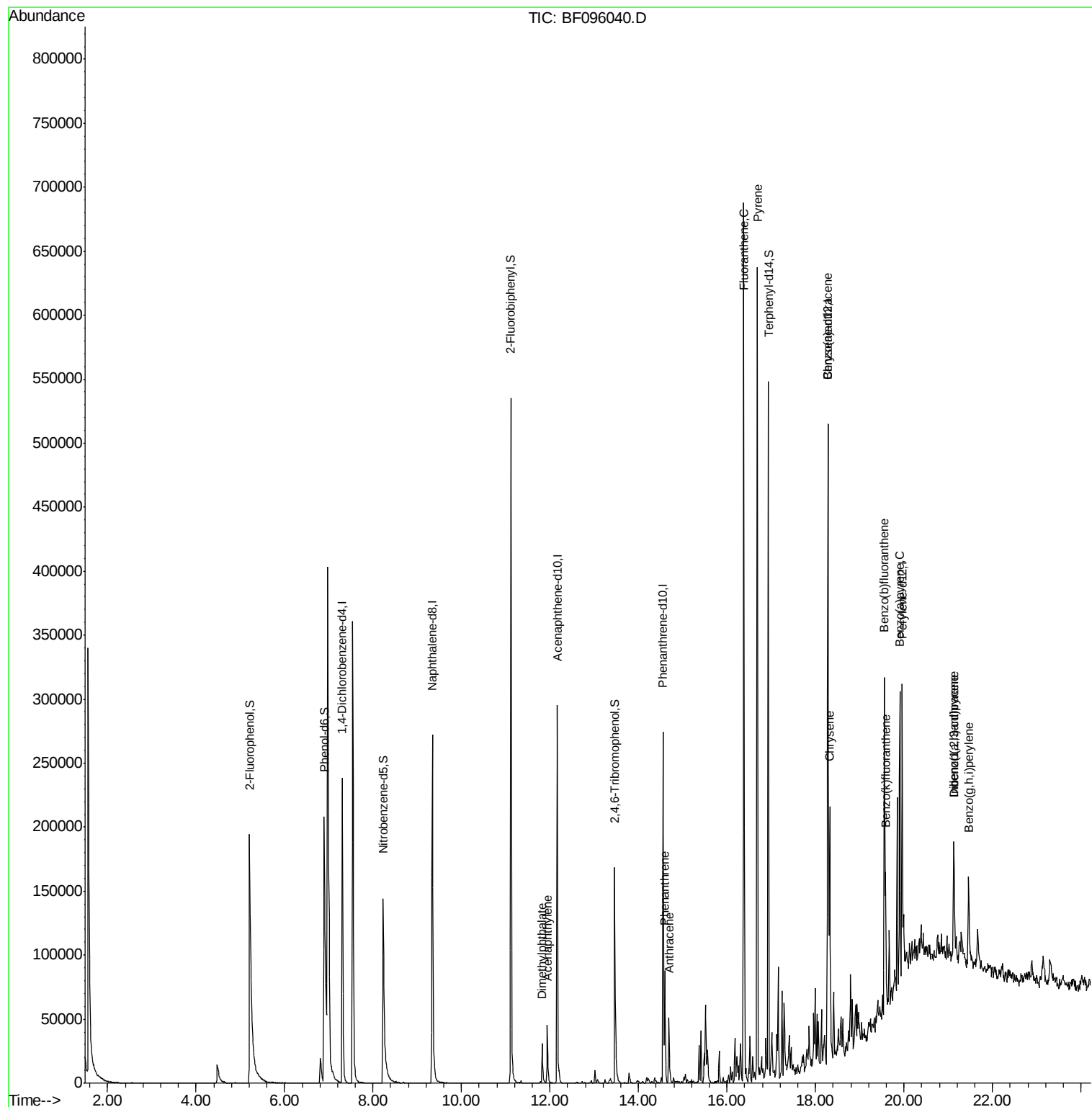
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
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ALS Vial : 40 Sample Multiplier: 1

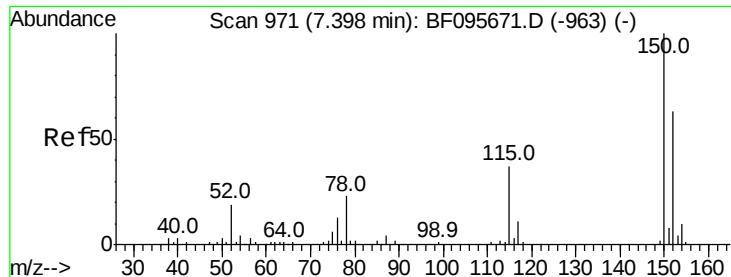
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

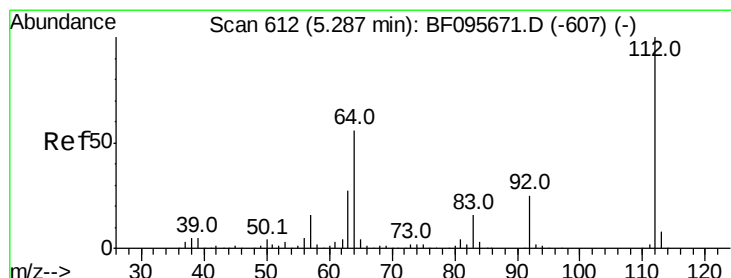
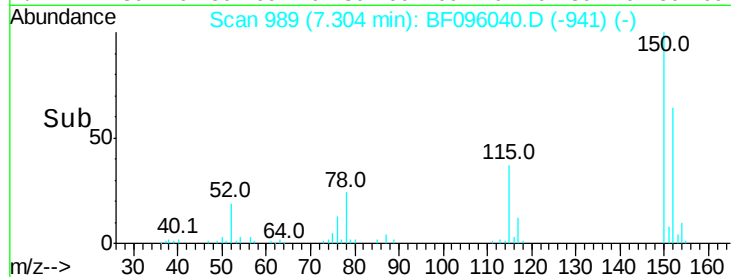
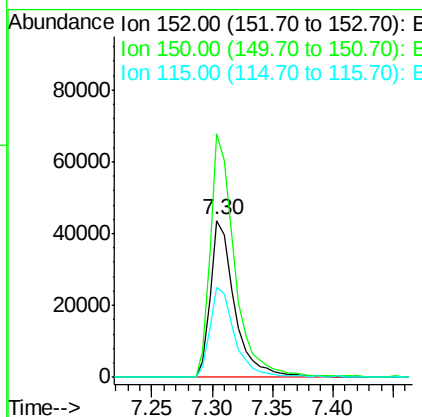
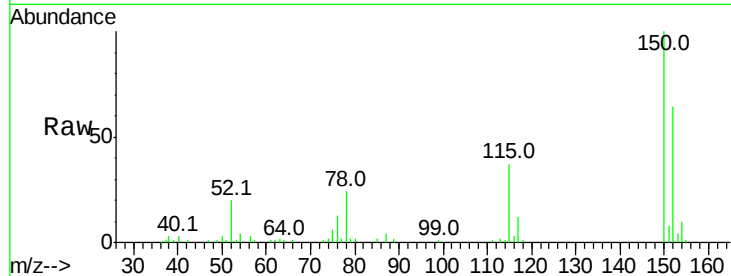
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	57.6	52.2	78.2

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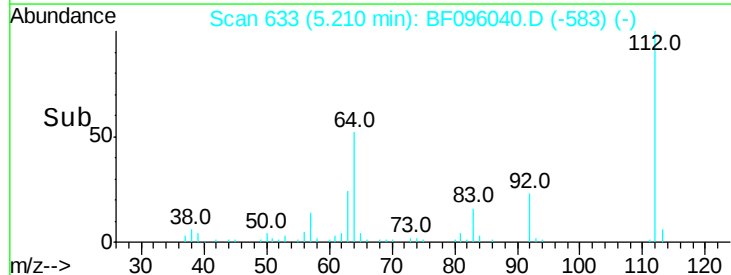
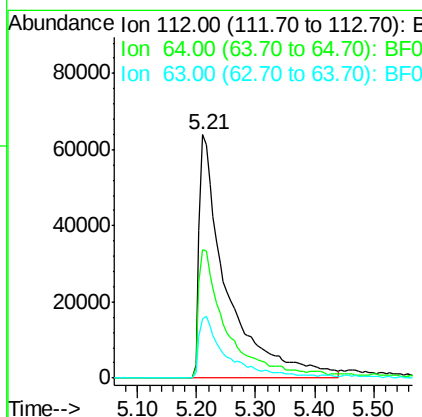
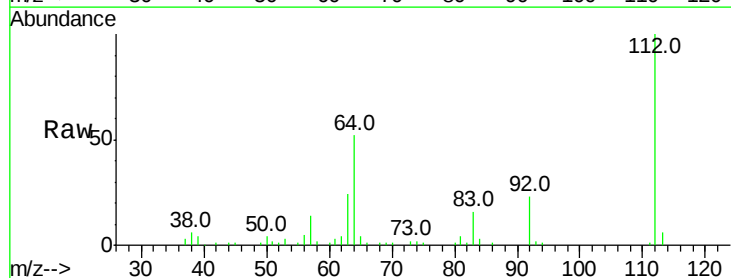
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#5

2-Fluorophenol
Concen: 55.00 ng
RT: 5.21 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	46.0	69.0
63	24.4	23.4	35.0





#7

Phenol-d6

Concen: 57.40 ng

RT: 6.89 min Scan# 919

Delta R.T. -0.02 min

Lab File: BF096040.D

Acq: 20 Jun 2017 11:44

Instrument :

BNA_F

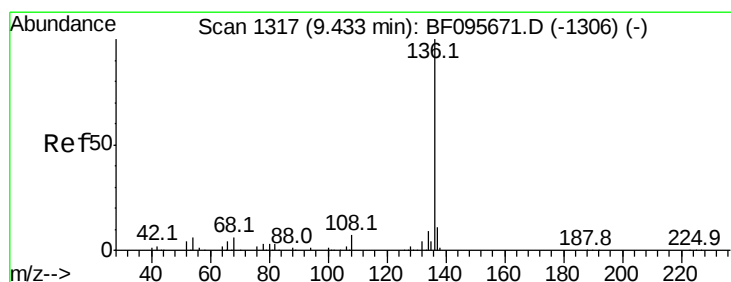
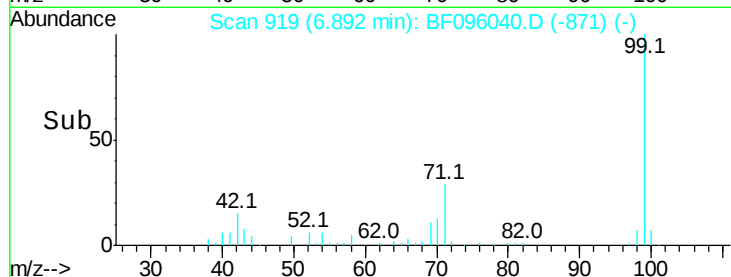
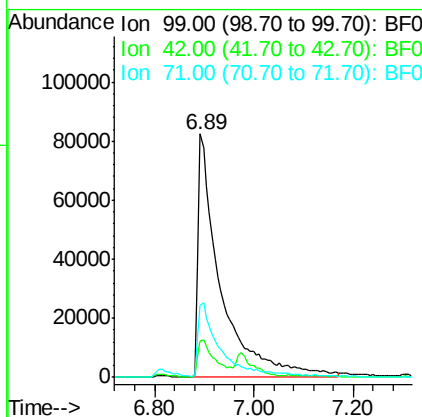
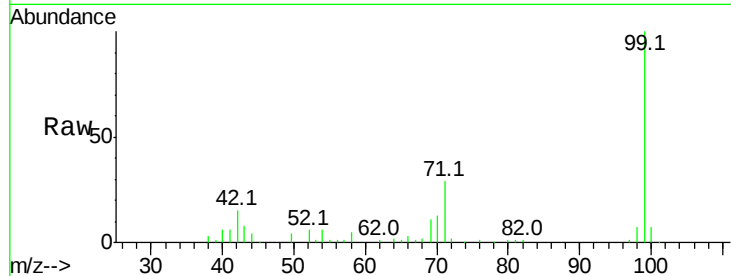
ClientSampleId :

E2-S5-NSW

Tot Ion:	99	Resp:	259553
Ion Ratio	Lower	Upper	
99	100		
42	14.8	13.5	20.3
71	29.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

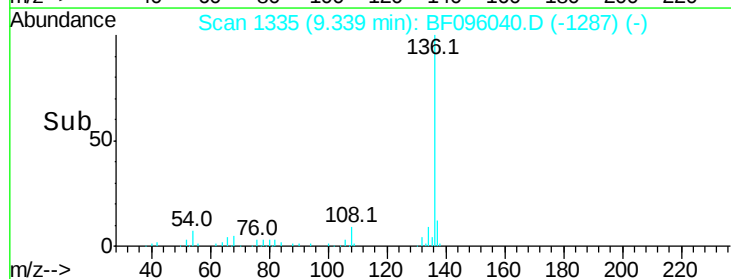
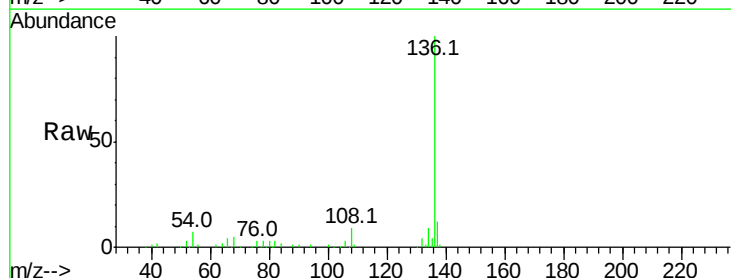
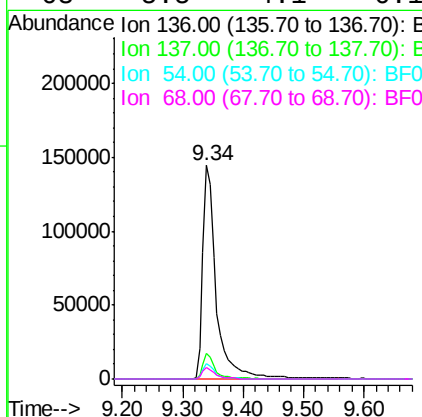
RT: 9.34 min Scan# 1335

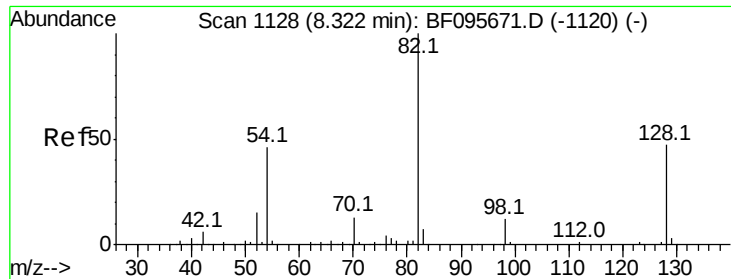
Delta R.T. -0.02 min

Lab File: BF096040.D

Acq: 20 Jun 2017 11:44

Tgt Ion:	136	Resp:	227926
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.5	12.7
54	7.1	4.9	7.3
68	5.5	4.1	6.1





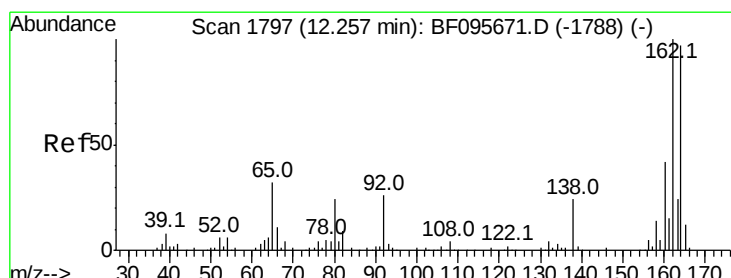
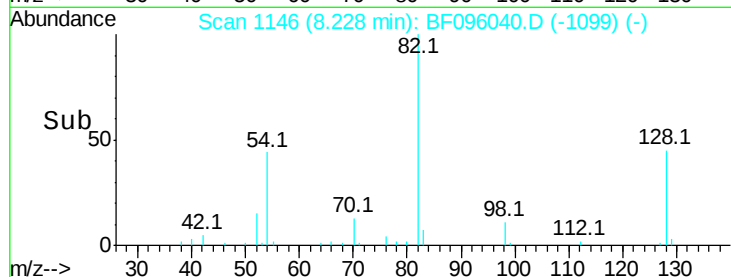
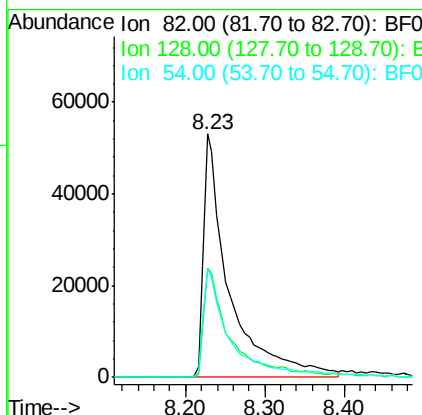
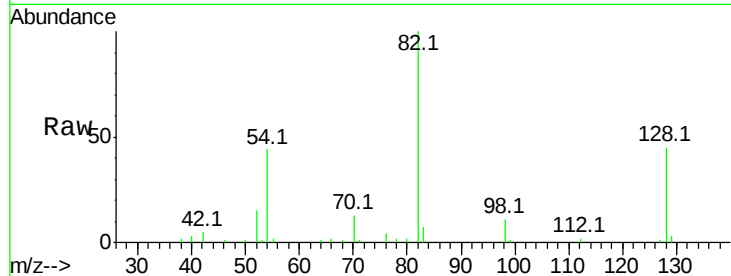
#23
Nitrobenzene-d5
Concen: 32.71 ng
RT: 8.23 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	44.4	42.2	63.2

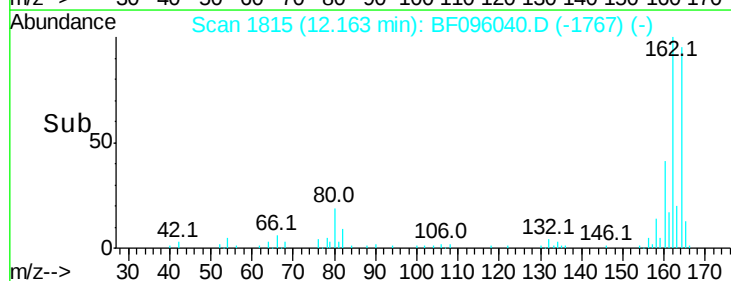
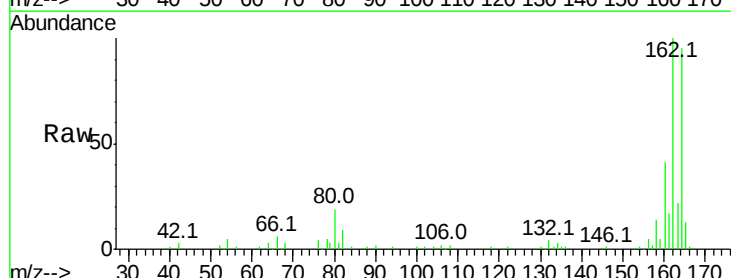
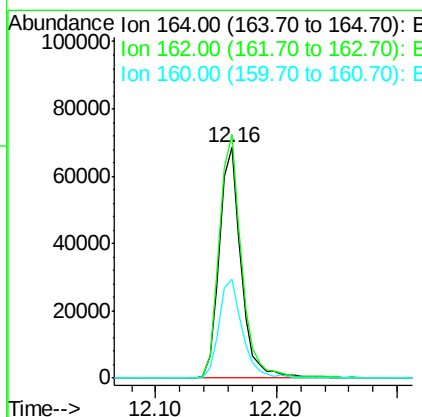
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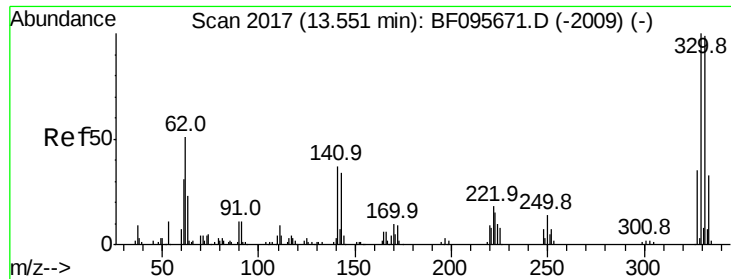
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.6	123.8
160	43.0	36.2	54.2





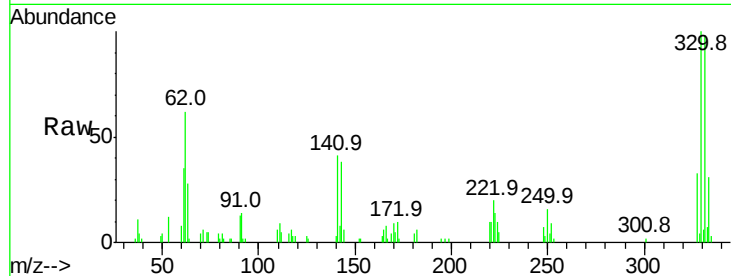
#41
 2,4,6-Tribromophenol
 Concen: 48.97 ng
 RT: 13.46 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BF096040.D
 Acq: 20 Jun 2017 11:44

Instrument :
 BNA_F
 ClientSampled :
 E2-S5-NSW

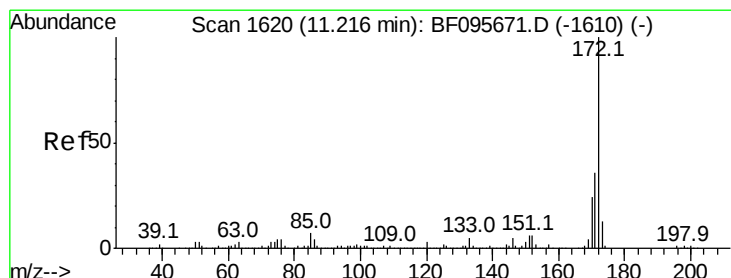
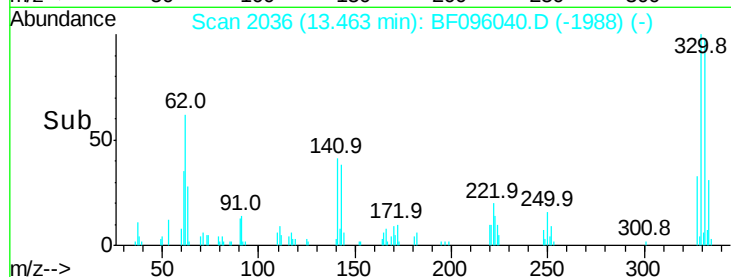
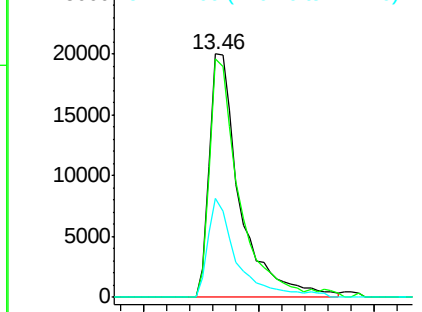
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	38.6	31.4	47.2

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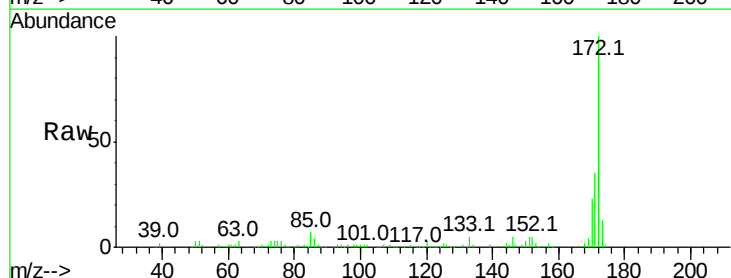


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

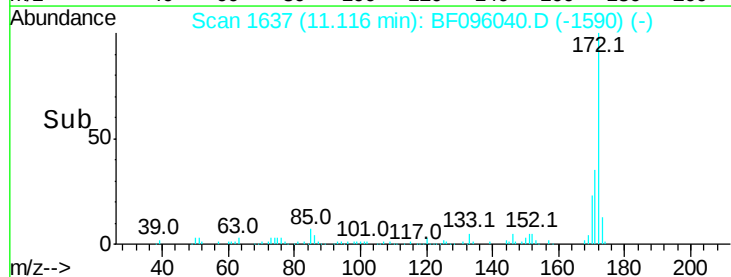
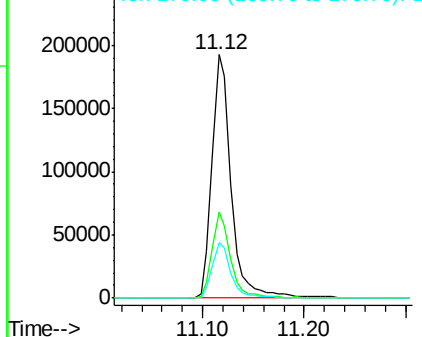


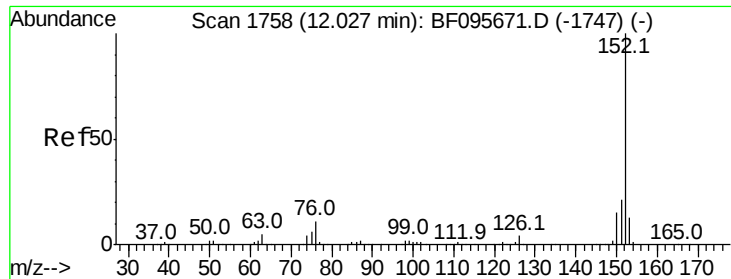
#44
 2-Fluorobiphenyl
 Concen: 41.46 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096040.D
 Acq: 20 Jun 2017 11:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	22.6	19.8	29.8



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





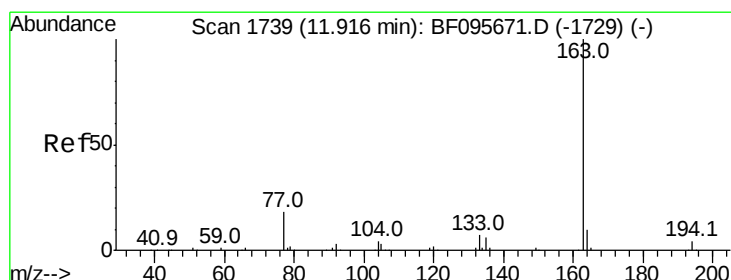
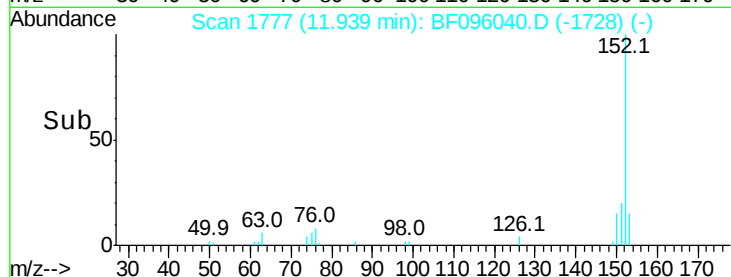
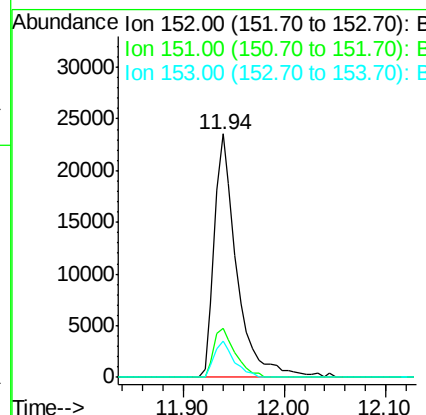
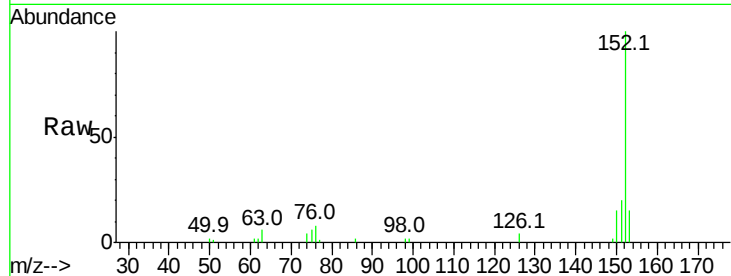
#48
Acenaphthylene
Concen: 3.89 ng
RT: 11.94 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	14.9	10.8	16.2

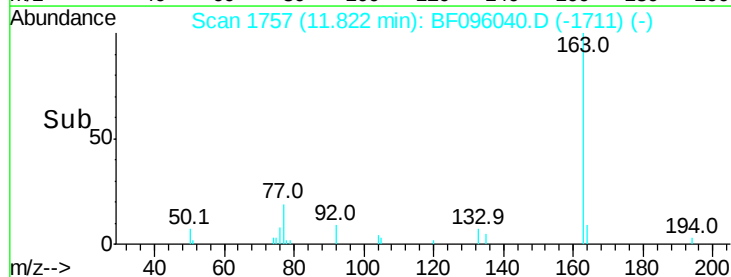
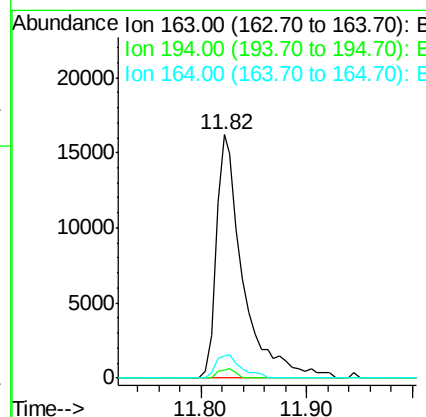
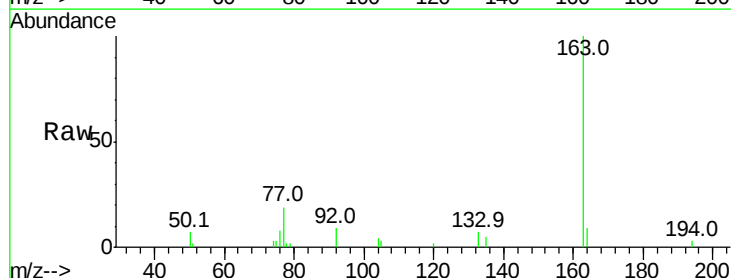
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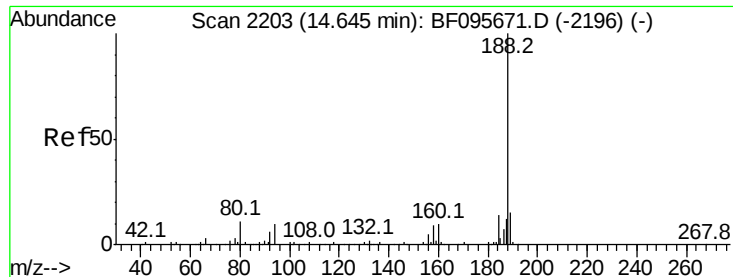
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#49
Dimethylphthalate
Concen: 4.42 ng
RT: 11.82 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.1	8.4	12.6





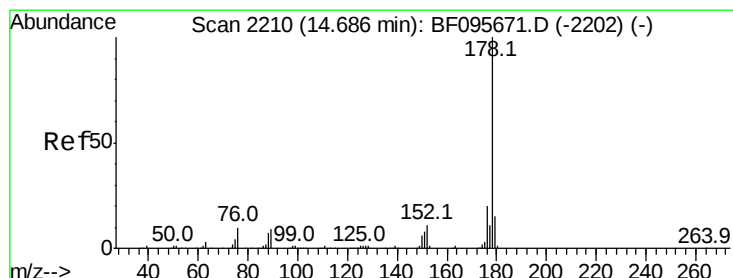
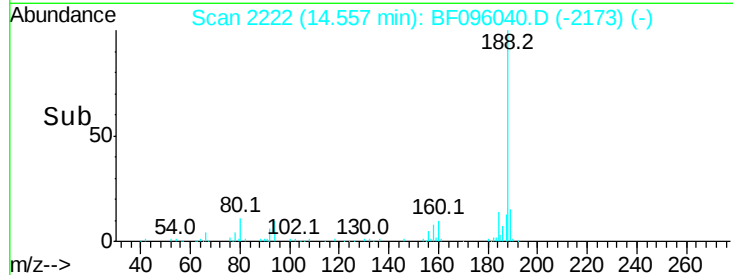
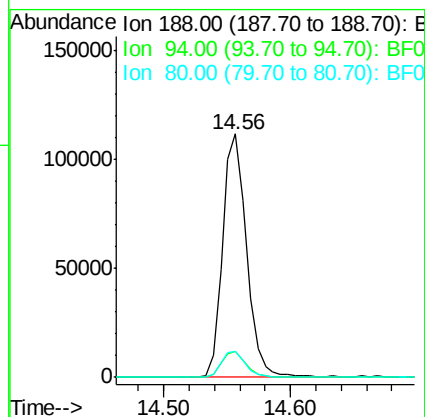
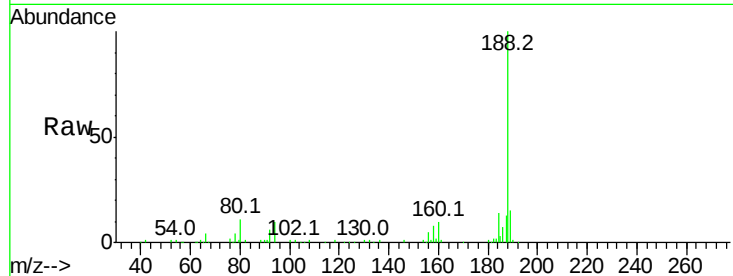
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tot Ion:	188	Resp:	146954
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	10.9	10.2	15.2

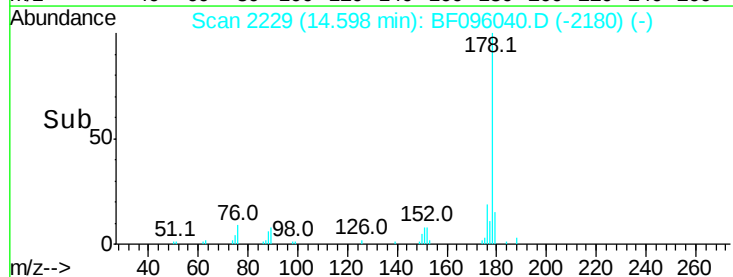
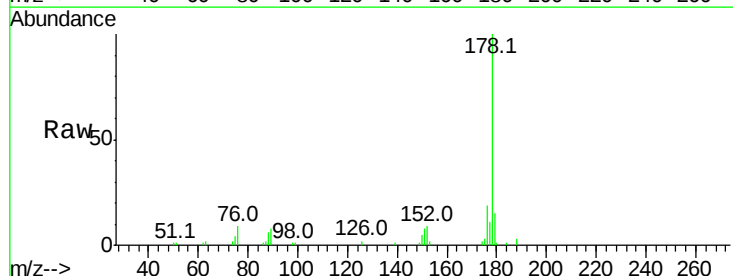
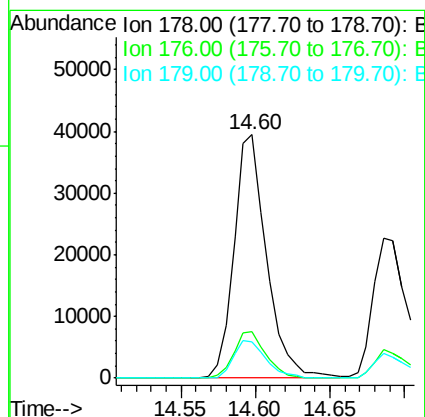
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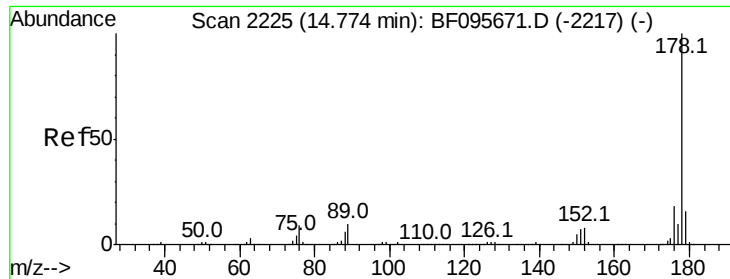
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#70
Phenanthrene
Concen: 7.07 ng
RT: 14.60 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion:	178	Resp:	59941
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.2	24.4
179	14.9	12.6	19.0





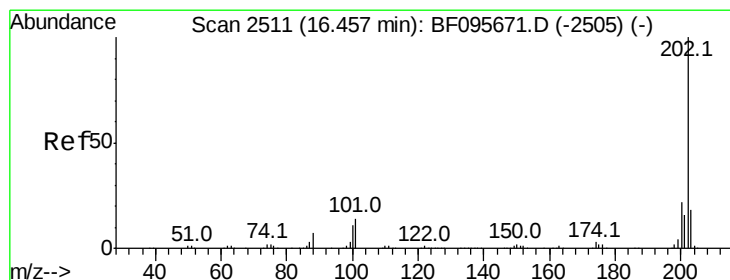
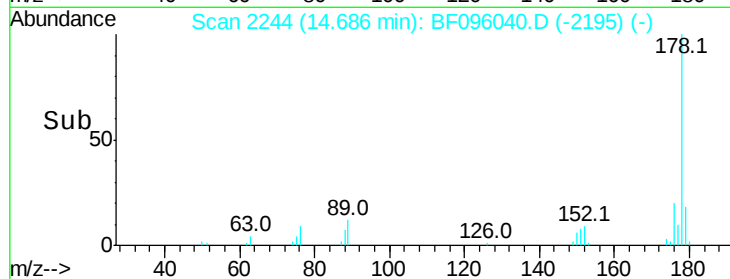
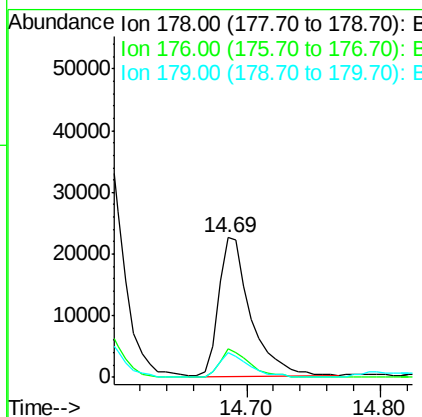
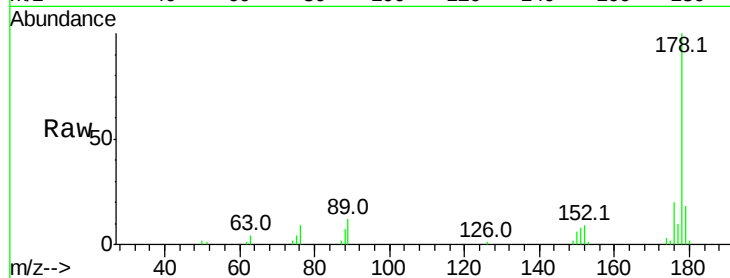
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 Anthracene
 Concen: 4.28 ng
 RT: 14.69 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BF096040.D
 Acq: 20 Jun 2017 11:44

Instrument :
 BNA_F
 ClientSampled :
 E2-S5-NSW

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	17.6	12.7	19.1

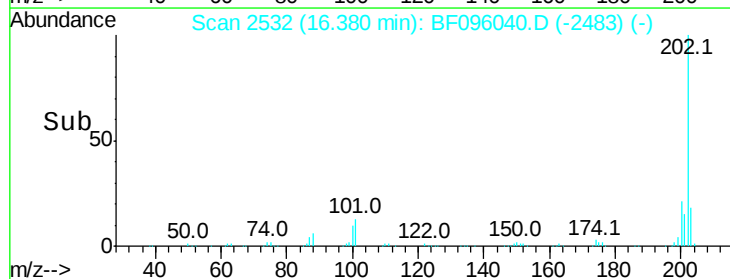
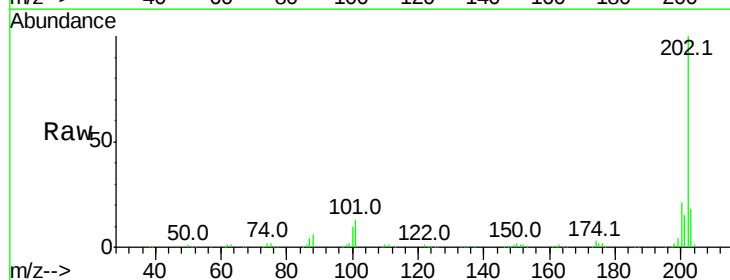
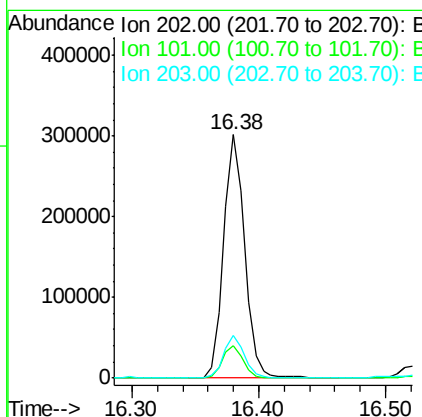
Manual Integrations
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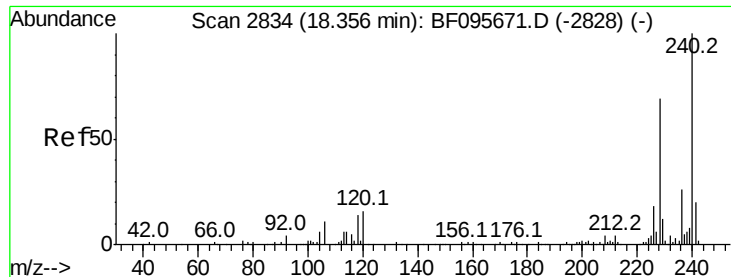
mohammad
 6/20/2017 4:31:13 PM



#74
 Fluoranthene
 Concen: 41.61 ng
 RT: 16.38 min Scan# 2532
 Delta R.T. -0.01 min
 Lab File: BF096040.D
 Acq: 20 Jun 2017 11:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BF096040.D

Acq: 20 Jun 2017 11:44

Instrument :

BNA_F

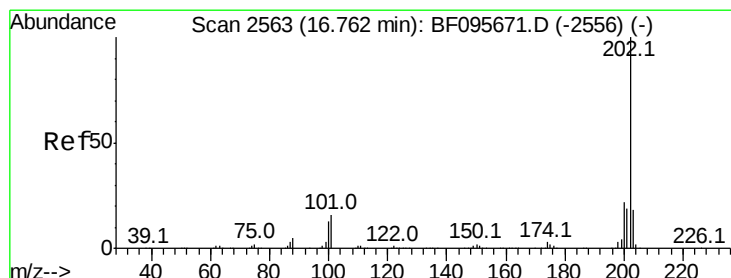
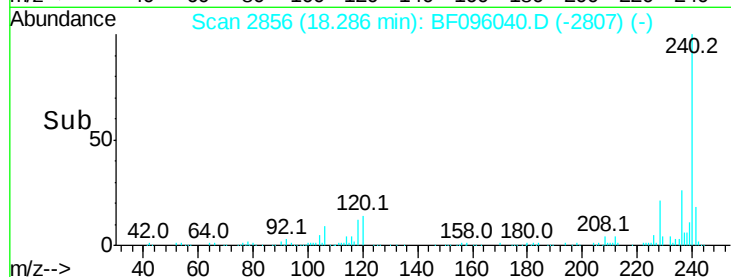
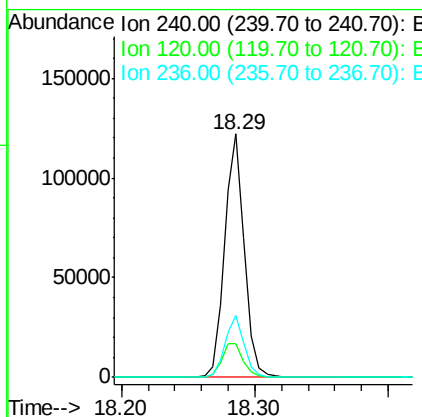
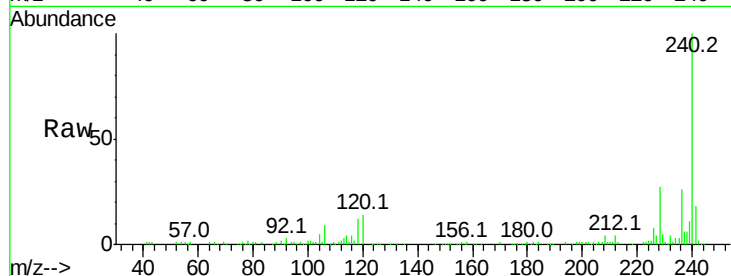
ClientSampleId :

E2-S5-NSW

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.7	20.5	30.7

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#77

Pyrene

Concen: 32.28 ng

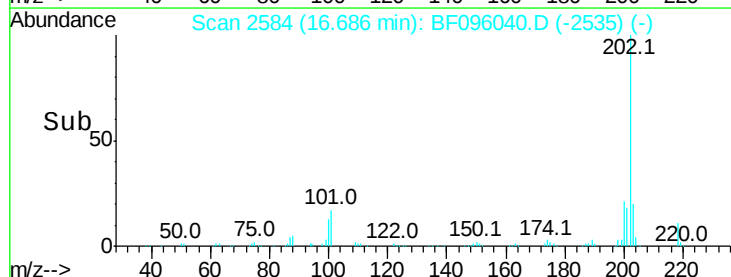
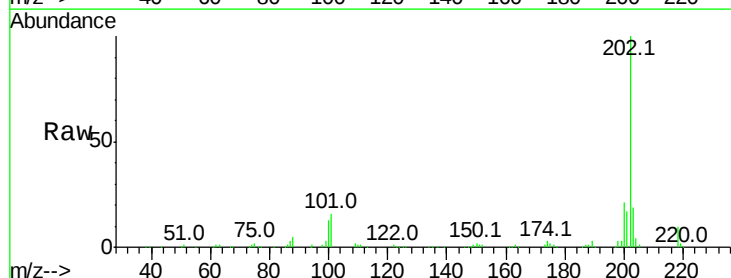
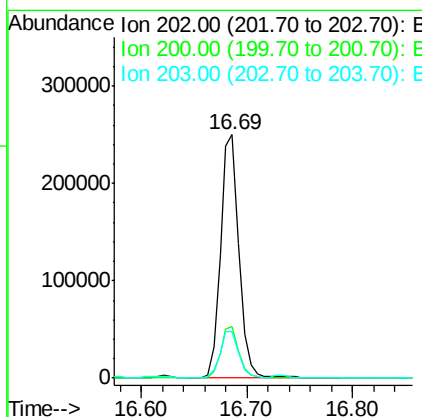
RT: 16.69 min Scan# 2584

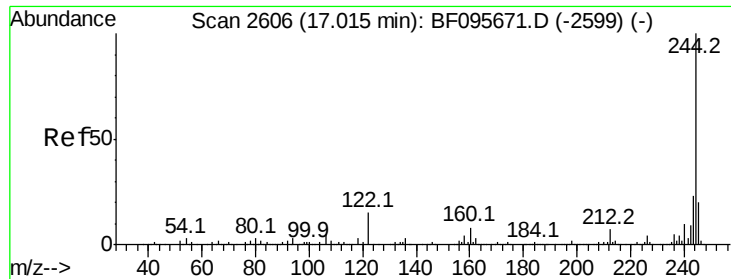
Delta R.T. -0.01 min

Lab File: BF096040.D

Acq: 20 Jun 2017 11:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	19.3	14.4	21.6





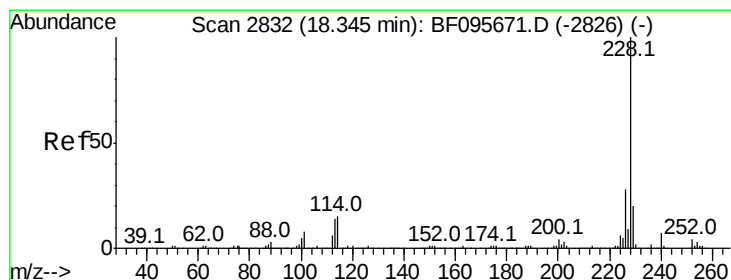
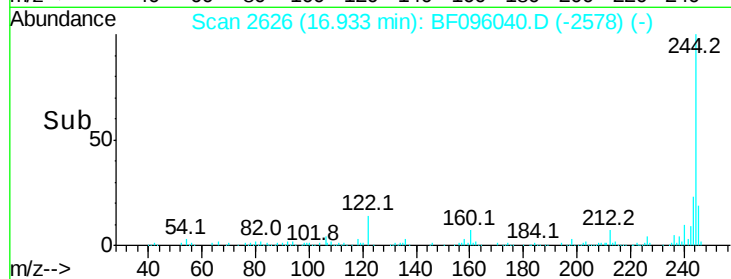
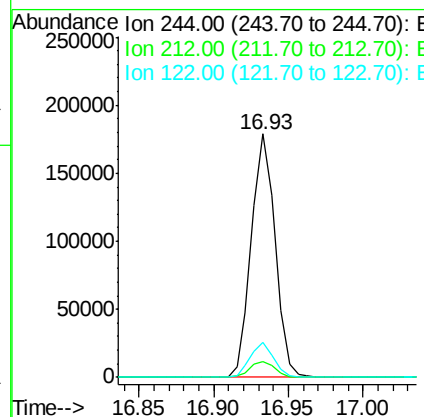
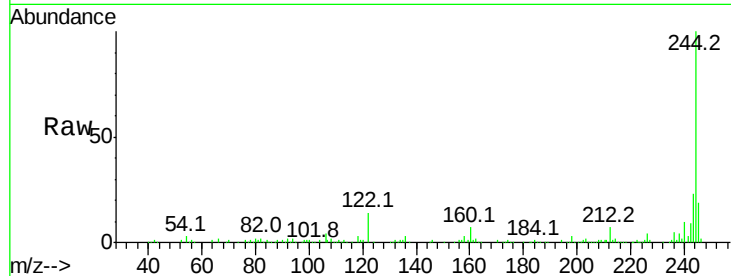
#78
 Terphenyl-d14
 Concen: 38.70 ng
 RT: 16.93 min Scan# 2626
 Delta R.T. -0.02 min
 Lab File: BF096040.D
 Acq: 20 Jun 2017 11:44

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-NSW

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.1	10.3	15.5

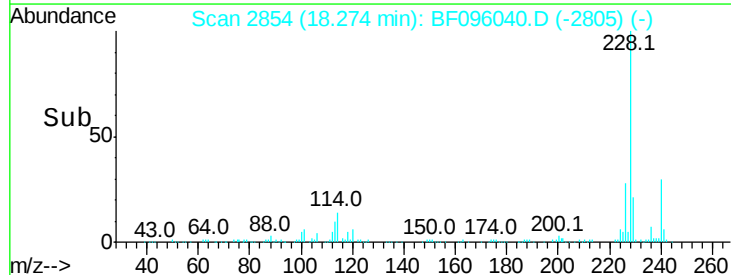
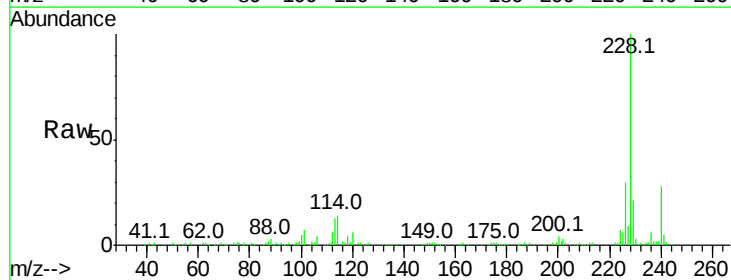
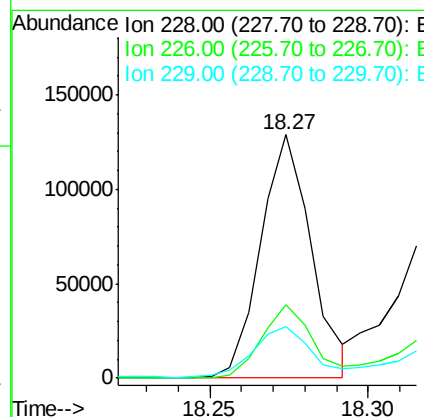
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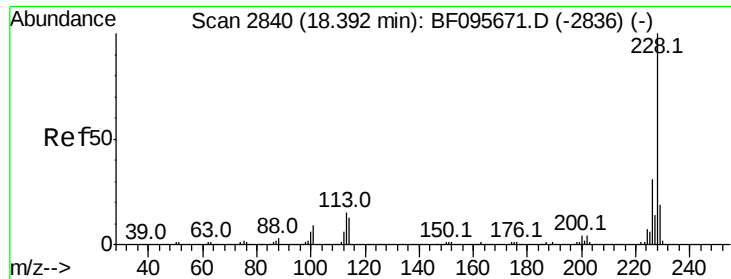
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#80
 Benzo(a)anthracene
 Concen: 19.42 ng
 RT: 18.27 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BF096040.D
 Acq: 20 Jun 2017 11:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	21.4	16.3	24.5





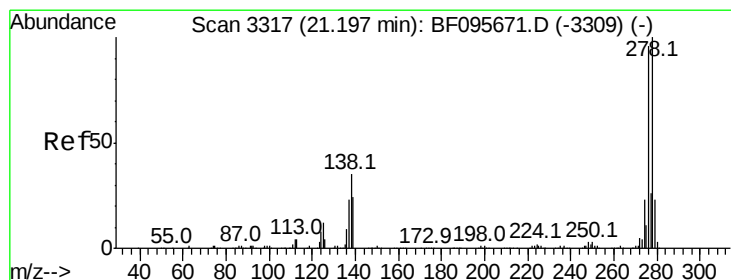
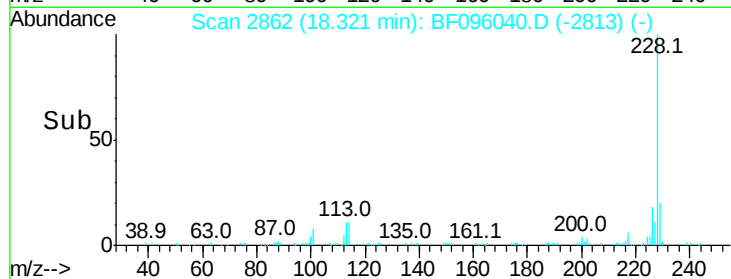
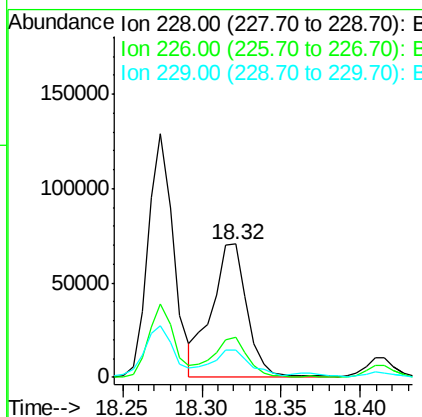
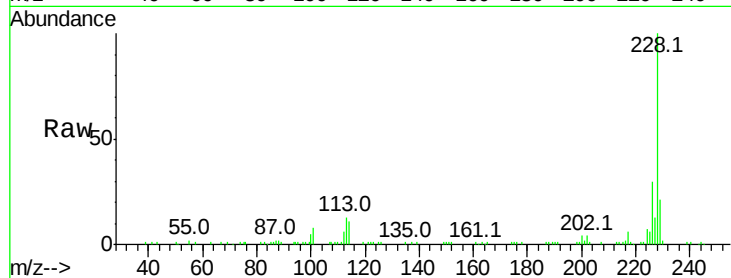
#82
Chrysene
Concen: 14.85 ng
RT: 18.32 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tot Ion	Ratio	Resp	Lower	Upper
228	100	109115		
226	29.7		24.9	37.3
229	20.6		15.8	23.6

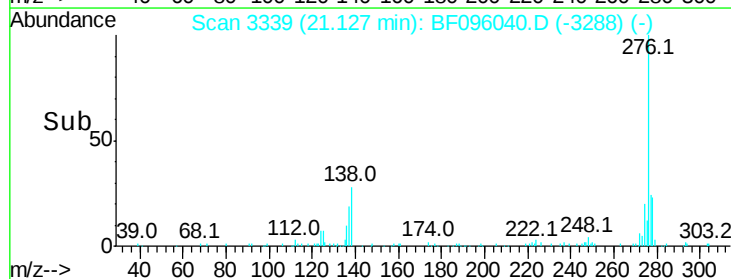
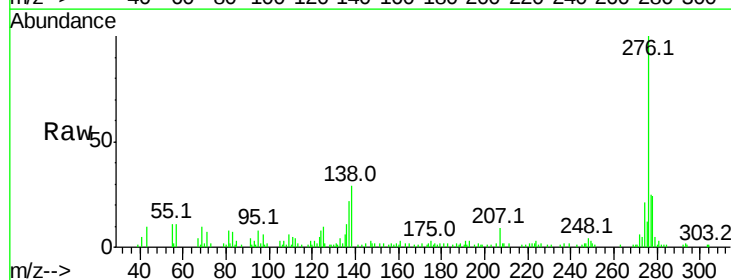
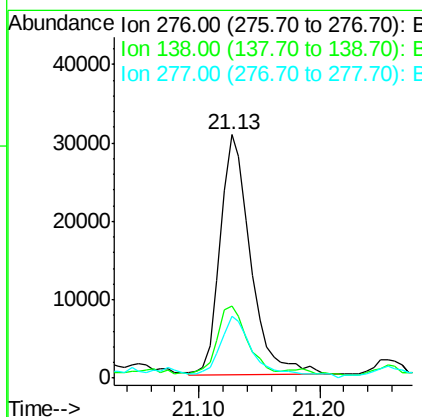
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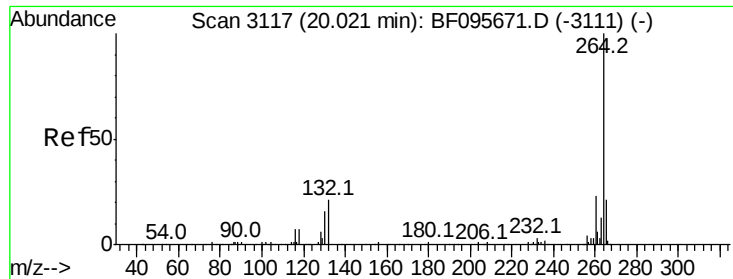
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#85
Indeno(1,2,3-cd)pyrene
Concen: 8.52 ng
RT: 21.13 min Scan# 3339
Delta R.T. 0.00 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	53558		
138	27.8		27.8	41.6
277	25.6		20.2	30.4





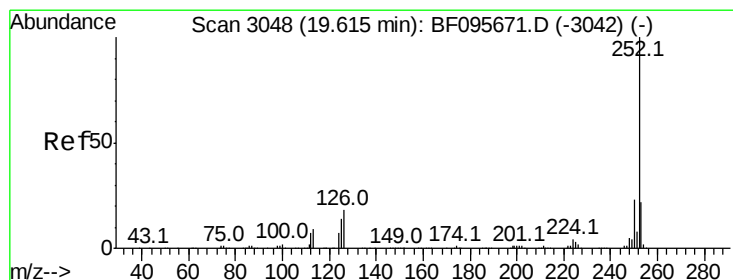
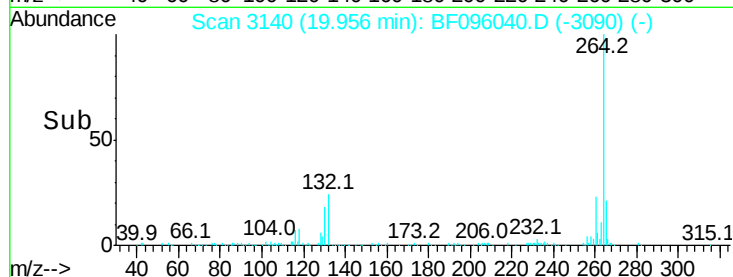
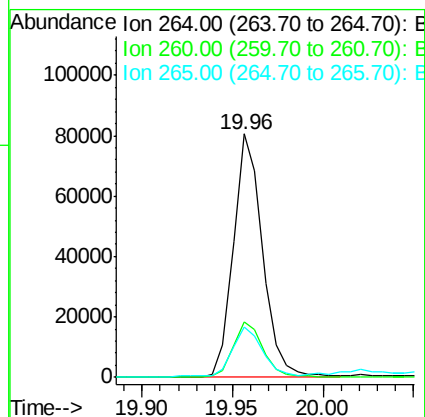
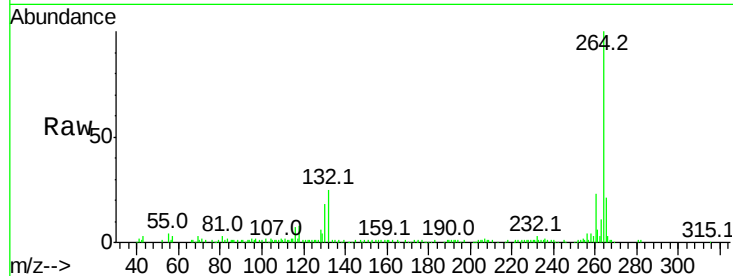
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampled :
E2-S5-NSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	20.9	17.2	25.8

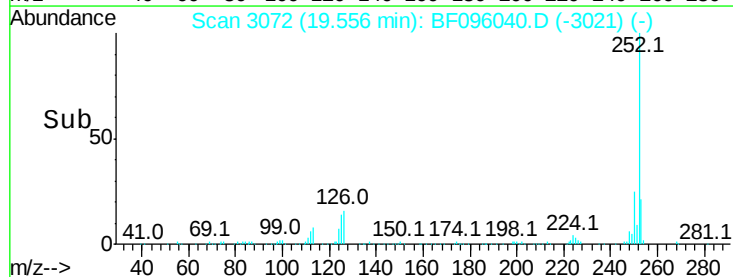
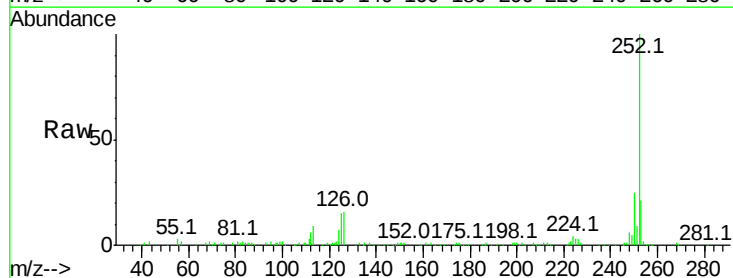
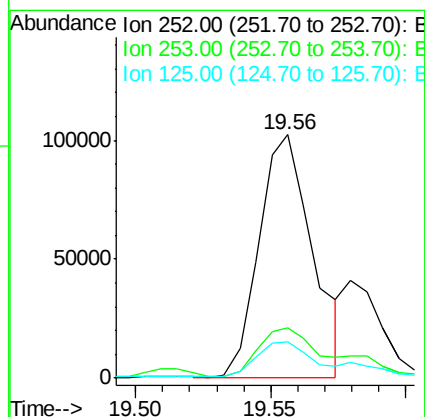
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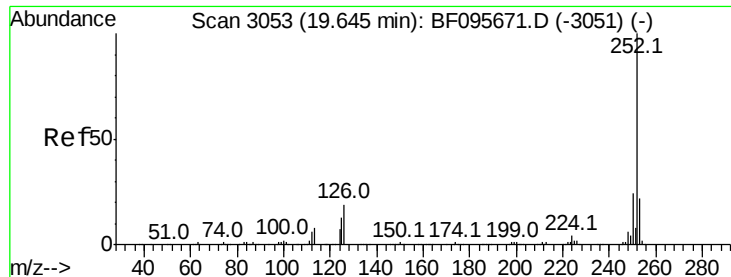
mohammad
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#87
Benzo(b)fluoranthene
Concen: 25.06 ng m
RT: 19.56 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.1	27.1
125	14.9	9.8	14.8





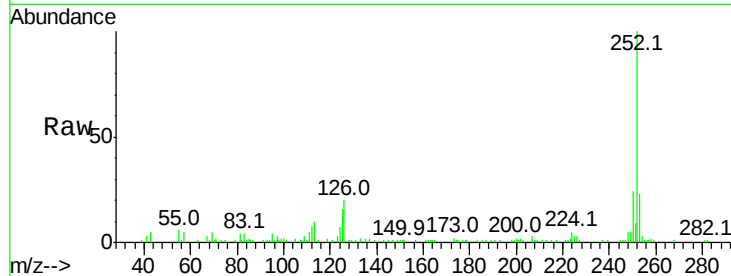
#88
Benzo(k)fluoranthene
Concen: 7.56 ng m
RT: 19.58 min Scan# 3076
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

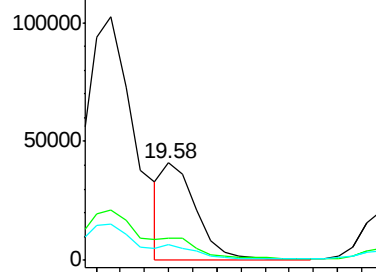
Tot Ion:252	Resp:	40975
Ion Ratio	Lower	Upper
252	100	
253	22.9	18.4 27.6
125	16.0	13.1 19.7

Manual Integrations
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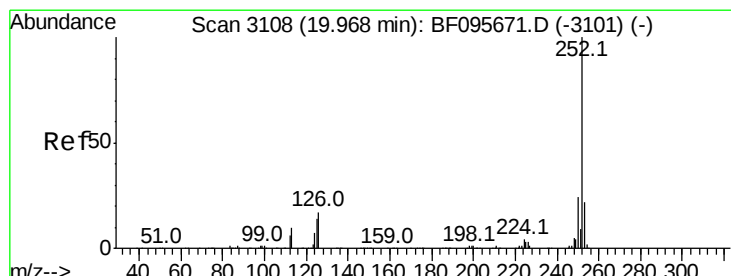
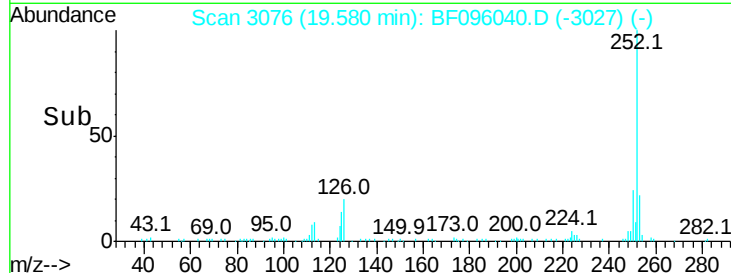
mohammad
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



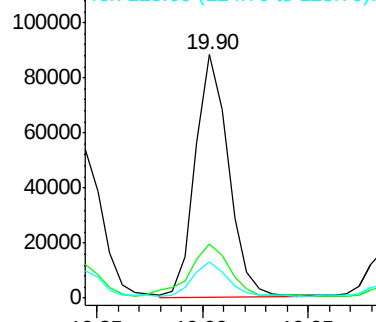
Time-->



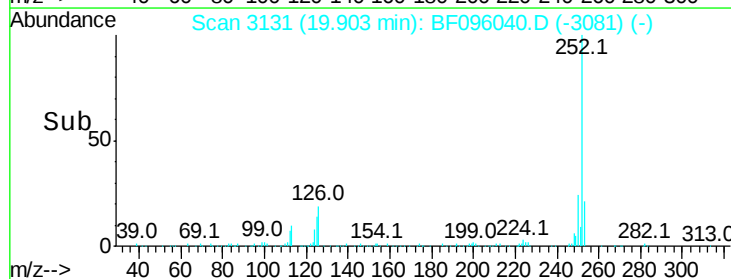
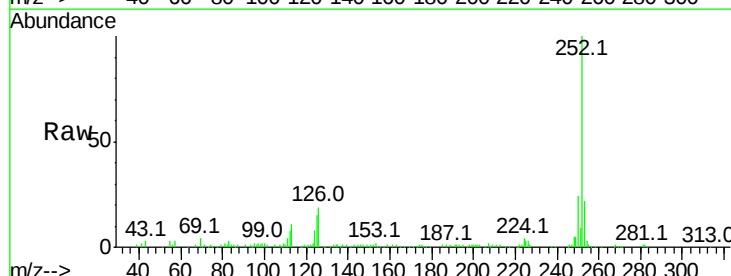
#89
Benzo(a)pyrene
Concen: 18.46 ng
RT: 19.90 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

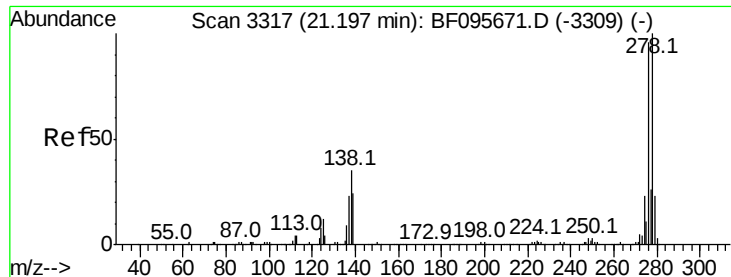
Tgt Ion:252	Resp:	96211
Ion Ratio	Lower	Upper
252	100	
253	22.1	17.5 26.3
125	14.9	11.0 16.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#90

Dibenzo(a,h)anthracene

Concen: 3.67 ng/mL

RT: 21.13 min Scan# 3339

Delta R.T. 0.00 min

Lab File: BF096040.D

Acq: 20 Jun 2017 11:44

Instrument :

BNA_F

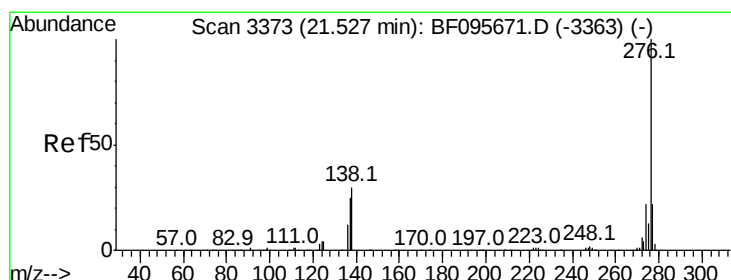
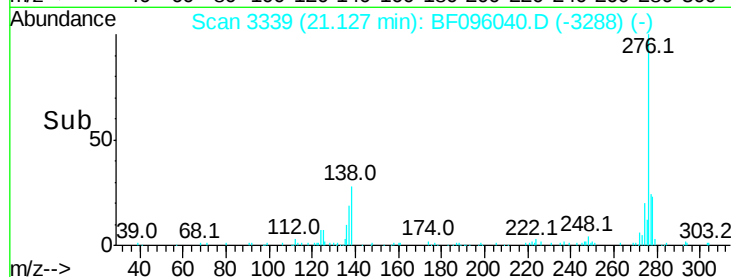
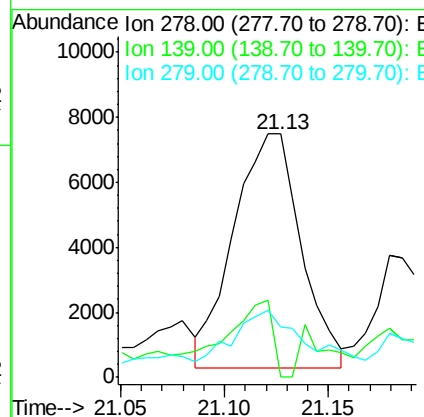
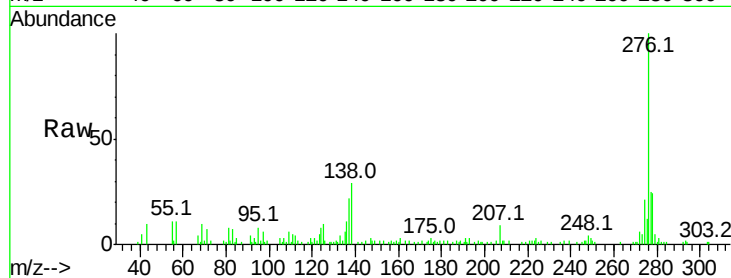
ClientSampleId :

E2-S5-NSW

Tot Ion:	278	Resp:	16225
Ion Ratio	Lower	Upper	
278	100		
139	0.0	16.6	24.8#
279	20.5	19.3	28.9

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#91

Benzo(g,h,i)perylene

Concen: 9.65 ng/mL

RT: 21.46 min Scan# 3396

Delta R.T. 0.02 min

Lab File: BF096040.D

Acq: 20 Jun 2017 11:44

Tgt Ion:	276	Resp:	43475
Ion Ratio	Lower	Upper	
276	100		
277	26.2	18.6	28.0
138	32.5	25.4	38.0

