Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099897.D
Acq On : 28 Oct 2017 1:31
Operator : SJ/JU
Sample : I6029-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(5-10)

Manual Integrations APPROVED
Sohil
10/30/2017 6:16:54 PM

Quant Time: Oct 28 04:03:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	96196	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	390536	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	176304	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	280614	20.00	ng	0.00
75) Chrysene-d12	13.99	240	174028	20.00	ng	0.00
86) Perylene-d12	15.46	264	188654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	474790	77.49	ng	0.00
7) Phenol-d6	6.44	99	580217	79.86	ng	0.00
23) Nitrobenzene-d5	7.36	82	326821	53.88	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	116667	72.61	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	662010	57.93	ng	0.00
78) Terphenyl-d14	12.92	244	435082	54.64	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.45	94	27388	3.433	ng	95
49) Dimethylphthalate	9.55	163	125538	8.992	ng	99
70) Phenanthrene	11.36	178	111868	7.064	ng	97
74) Fluoranthene	12.55	202	135787	8.251	ng	96
77) Pyrene	12.78	202	120726	9.123	ng	99
80) Benzo(a)anthracene	13.97	228	47343	4.291	ng	99
82) Chrysene	14.01	228	42034	4.053	ng	100
85) Indeno(1,2,3-cd)pyrene	16.96	276	23866	2.507	ng	91
87) Benzo(b)fluoranthene	15.03	252	53471m	4.489	ng	
89) Benzo(a)pyrene	15.40	252	40881m	3.820	ng	
91) Benzo(g,h,i)perylene	17.41	276	22556	2.425	ng	# 88

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099897.D
Acq On : 28 Oct 2017 1:31
Operator : SJ/JU
Sample : I6029-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 28 04:03:39 2017
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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(5-10)

Manual Integrations APPROVED
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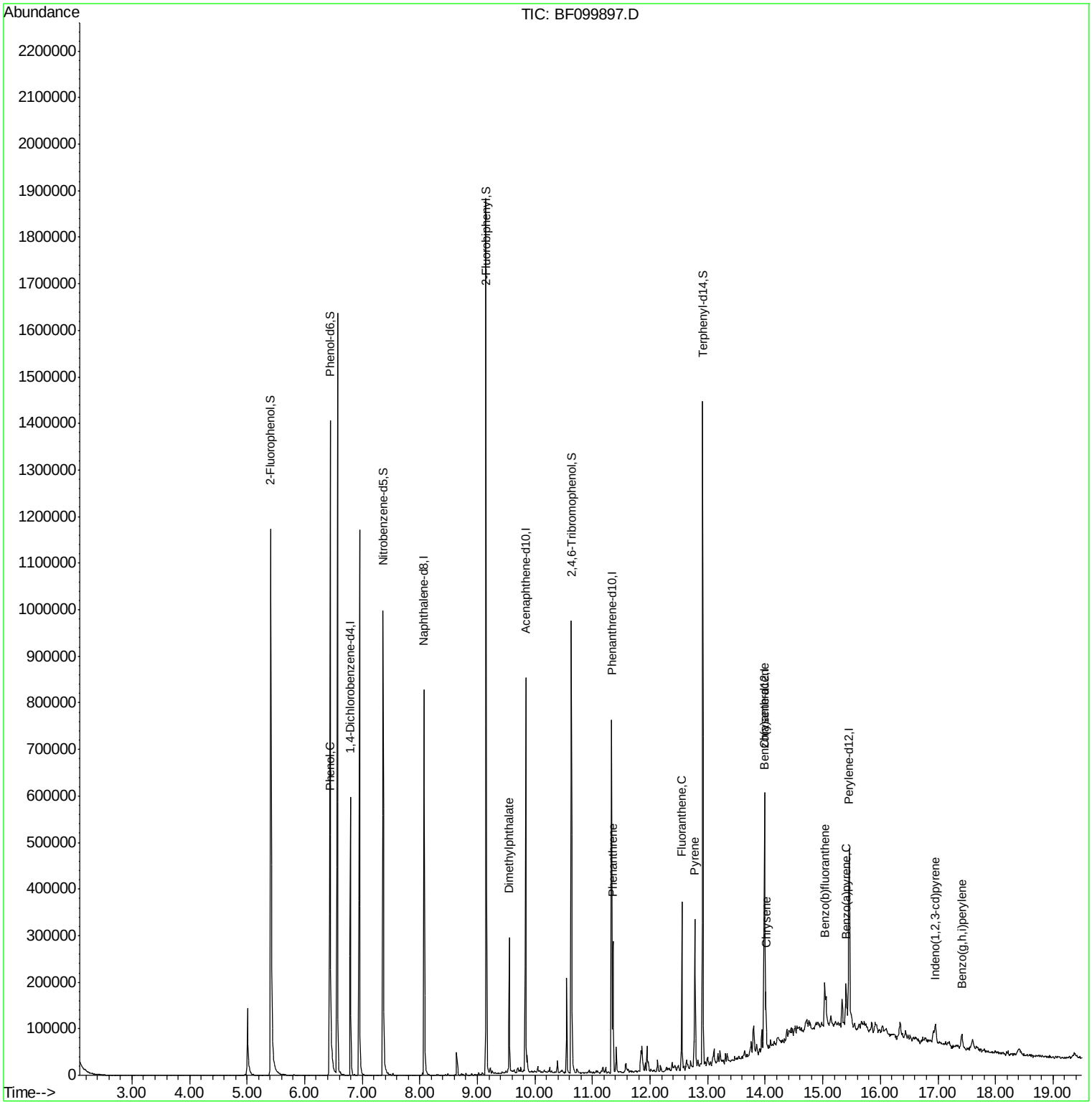
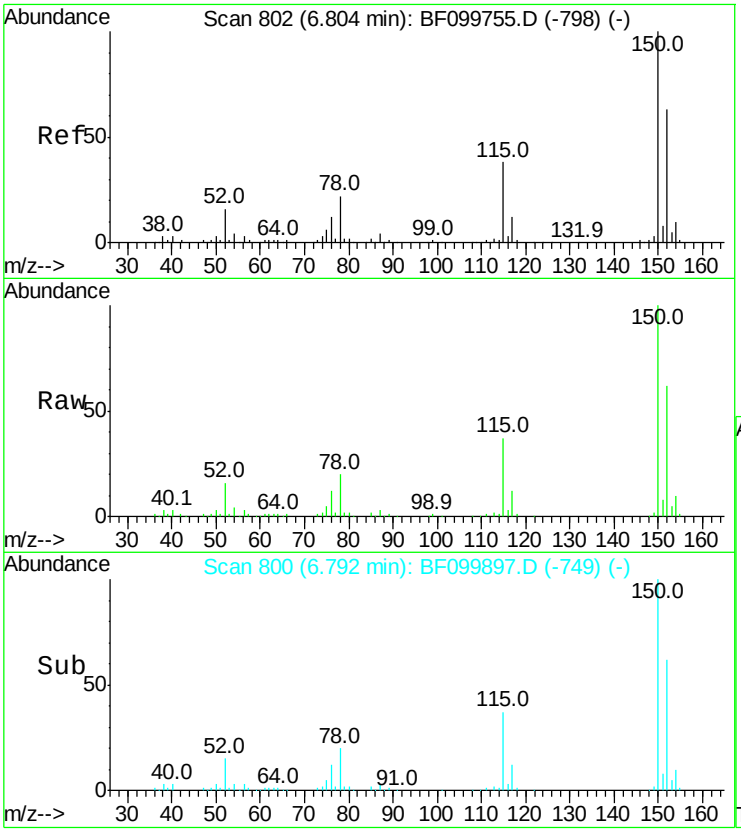
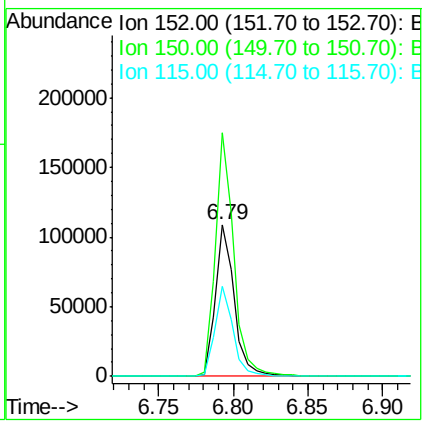




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:152 Resp: 96196

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	59.5	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
ENV-116-6(5-10)

Manual Integrations APPROVED
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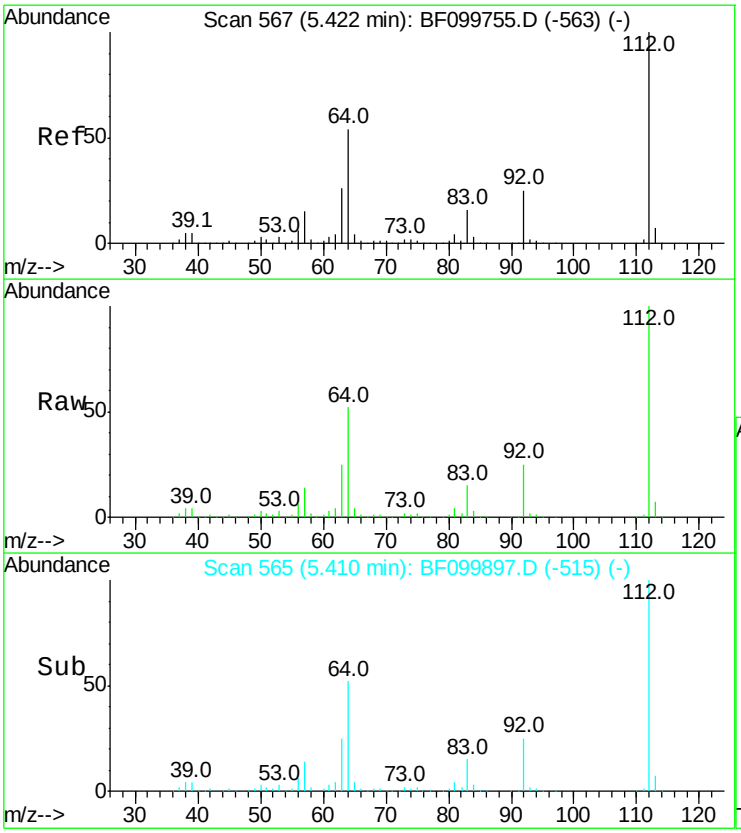
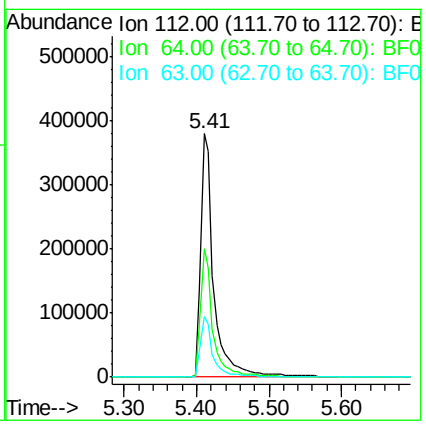
10/30/2017 6:16:54 PM

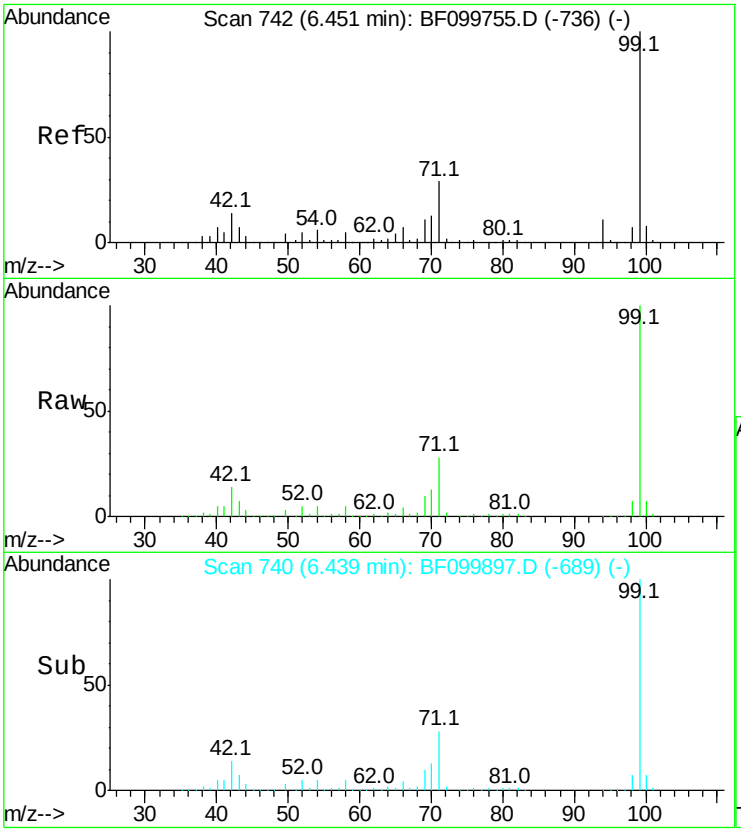


#5
2-Fluorophenol
Concen: 77.488 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:112 Resp: 474790

Ion	Ratio	Lower	Upper
112	100		
64	52.5	47.9	71.9
63	25.1	23.7	35.5

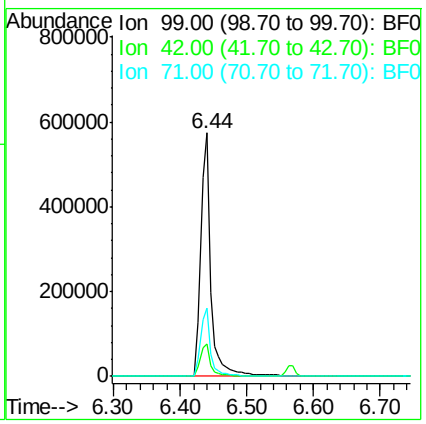




#7
Phenol-d6
Concen: 79.862 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion: 99 Resp: 580217

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.5	21.7#
71	28.0	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
ENV-116-6(5-10)

Manual Integrations APPROVED
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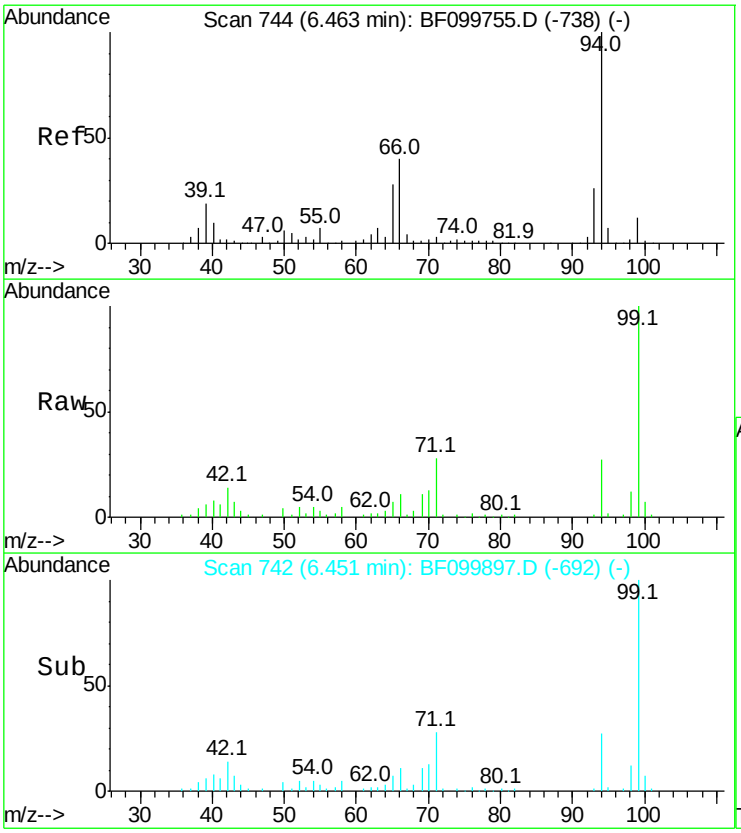
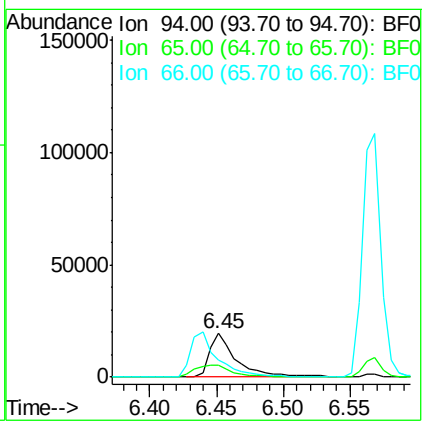
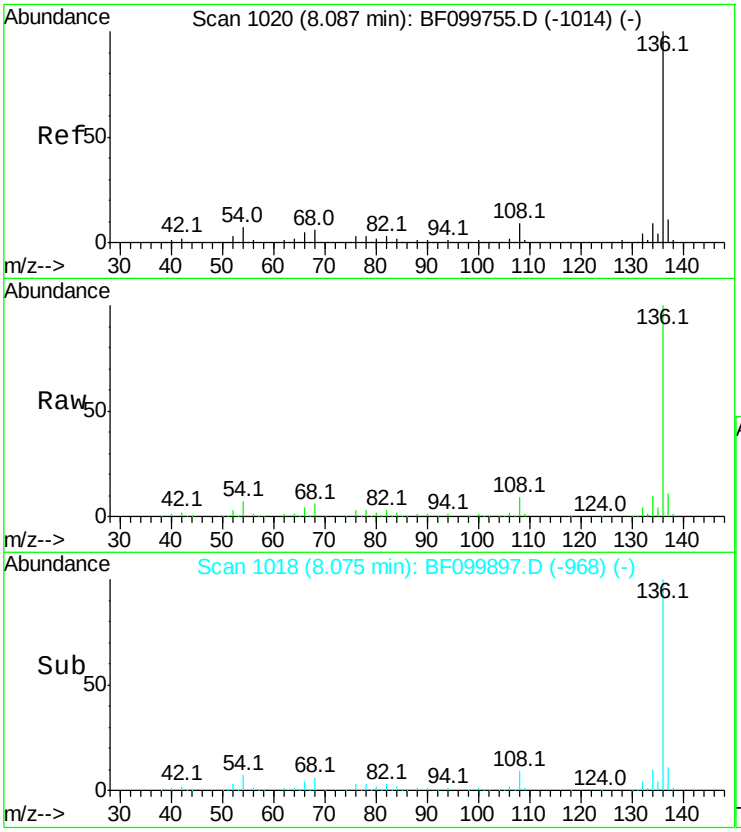


#10
Phenol
Concen: 3.433 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion: 94 Resp: 27388

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.9	47.9
66	40.4	16.2	56.2

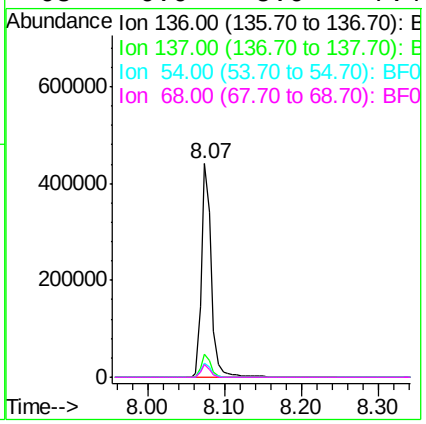




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:136 Resp: 390536

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.6	6.6	9.8
68	6.0	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
ENV-116-6(5-10)

Manual Integrations APPROVED
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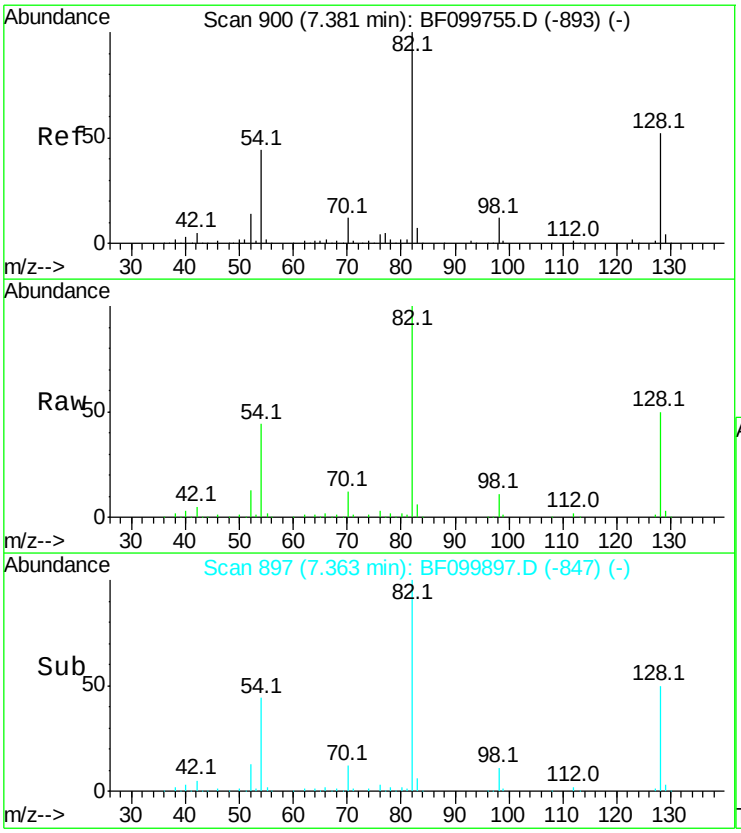
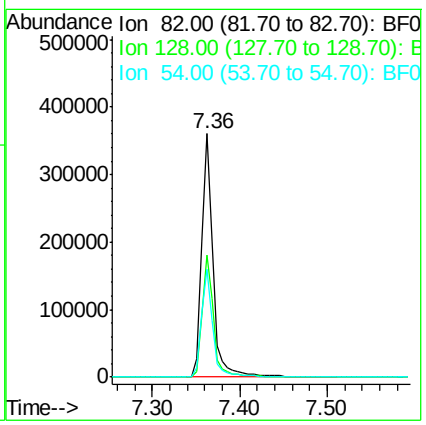
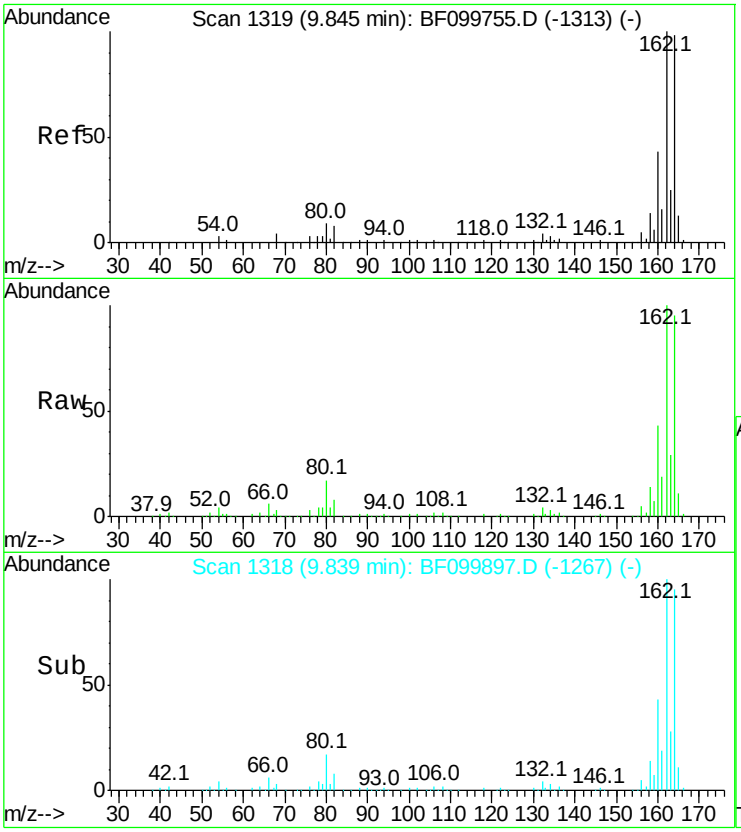


#23
Nitrobenzene-d5
Concen: 53.877 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion: 82 Resp: 326821

Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	44.3	41.4	62.2

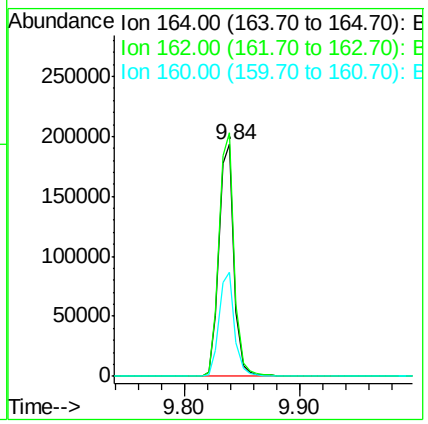




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:164 Resp: 176304

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	45.1	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
ENV-116-6(5-10)

Manual Integrations APPROVED
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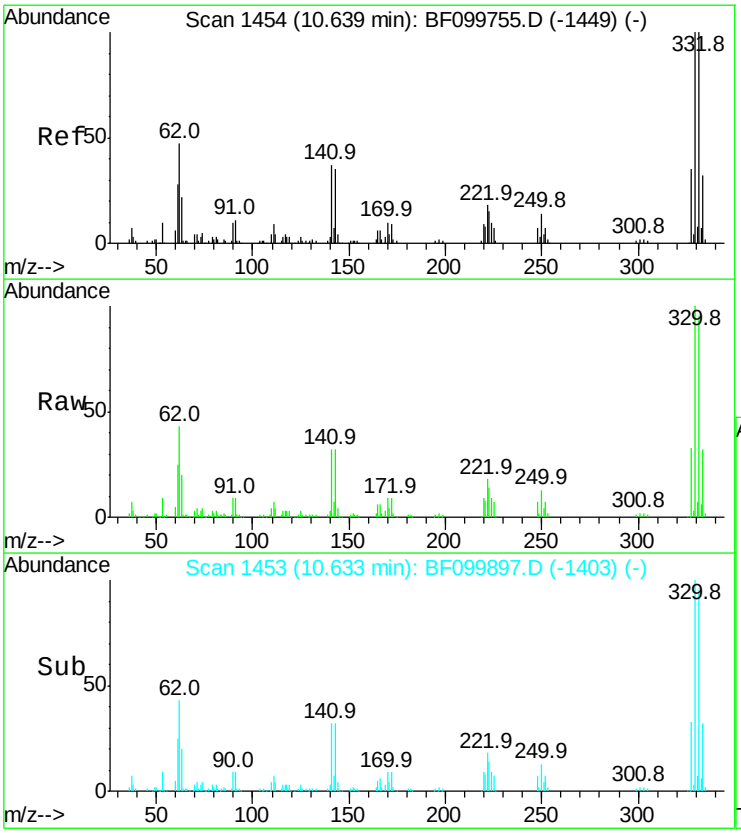
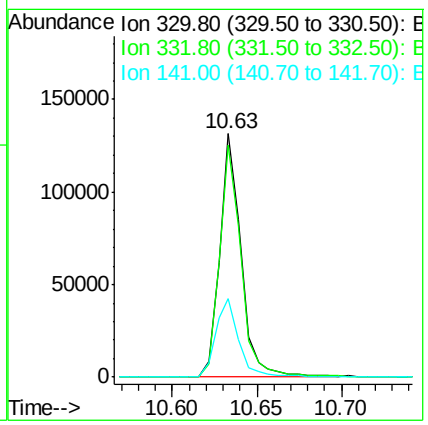
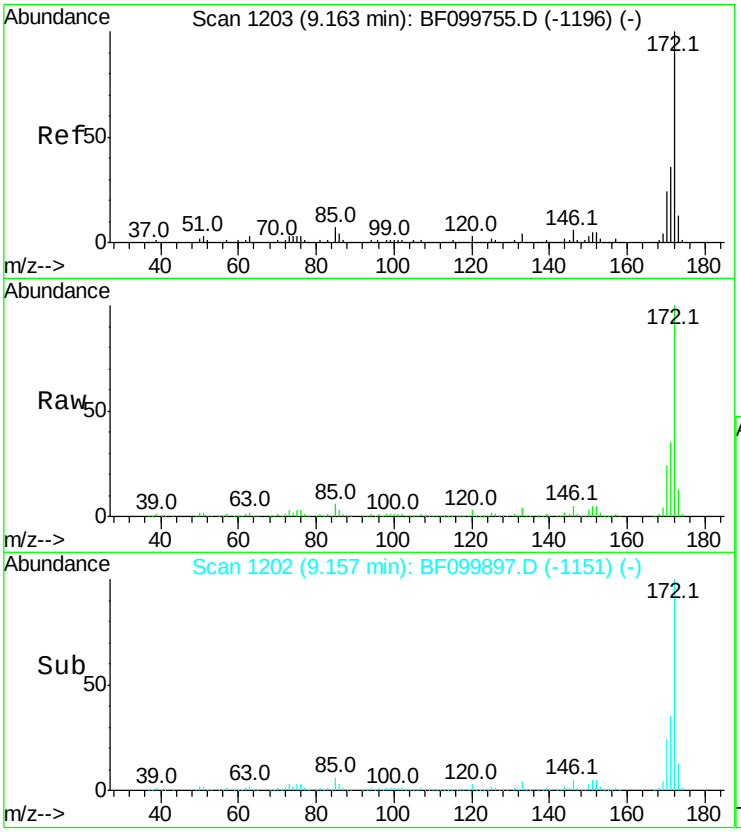


#41
2,4,6-Tribromophenol
Concen: 72.613 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:330 Resp: 116667

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.9	29.9	44.9

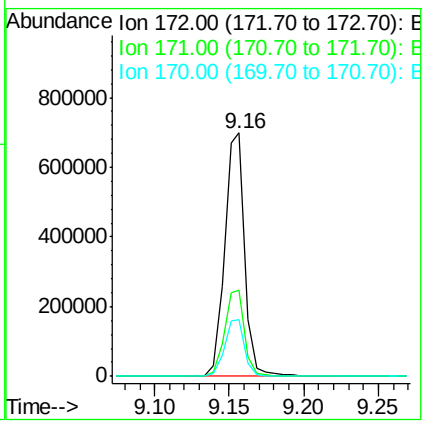




#44
2-Fluorobiphenyl
Concen: 57.933 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:172 Resp: 662010

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.5	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
ENV-116-6(5-10)

Manual Integrations APPROVED
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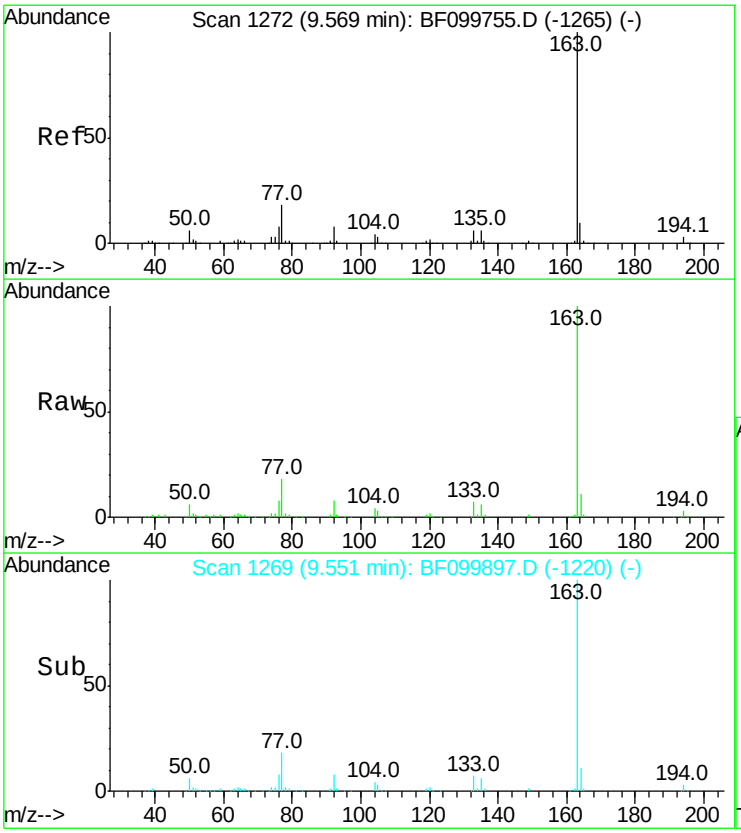
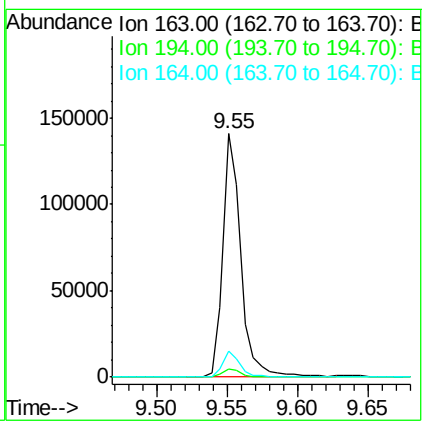
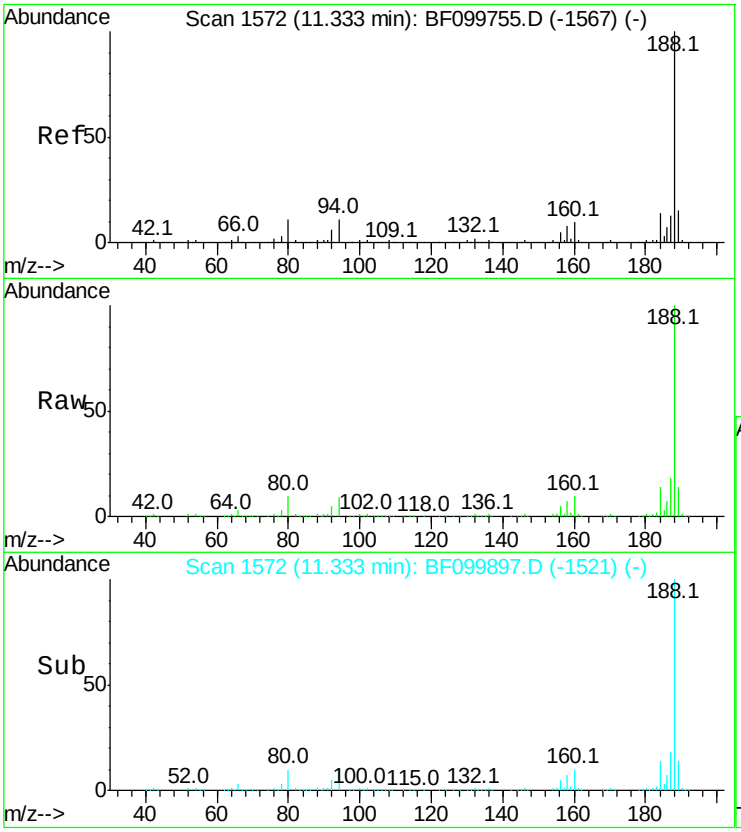


#49
Dimethylphthalate
Concen: 8.992 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:163 Resp: 125538

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.5	8.2	12.2





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:188 Resp: 280614

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.6	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(5-10)

Manual Integrations APPROVED
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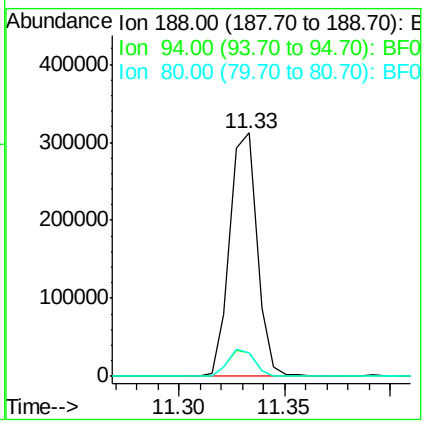
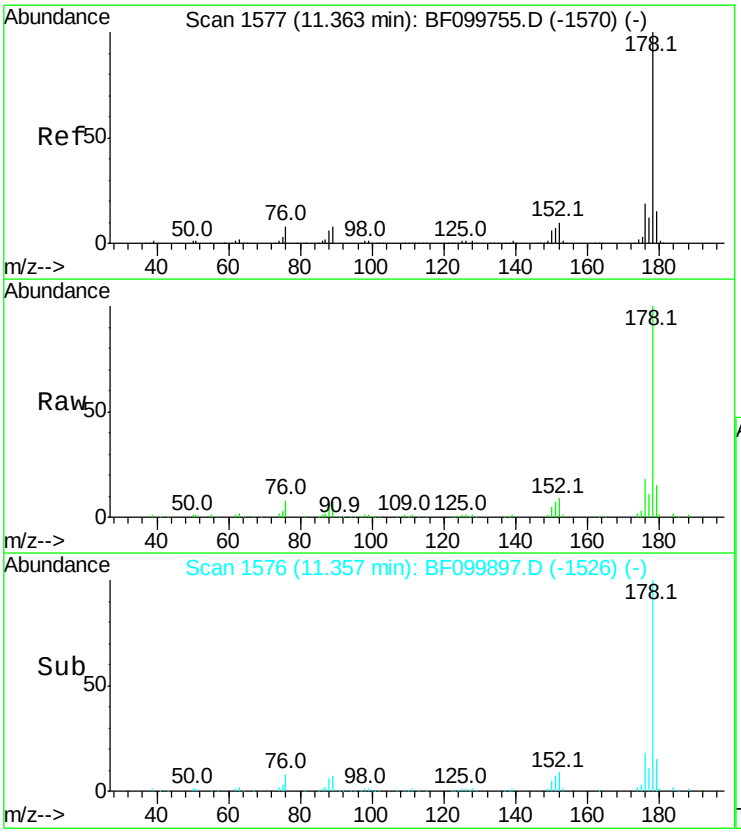
10/30/2017 6:16:54 PM

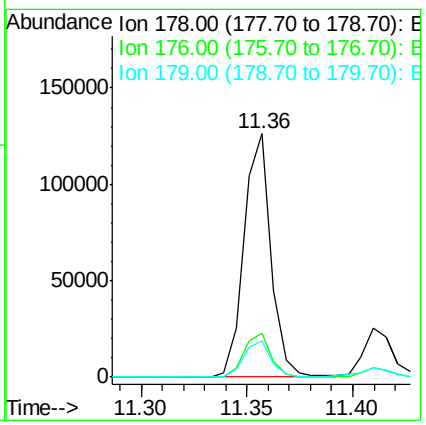


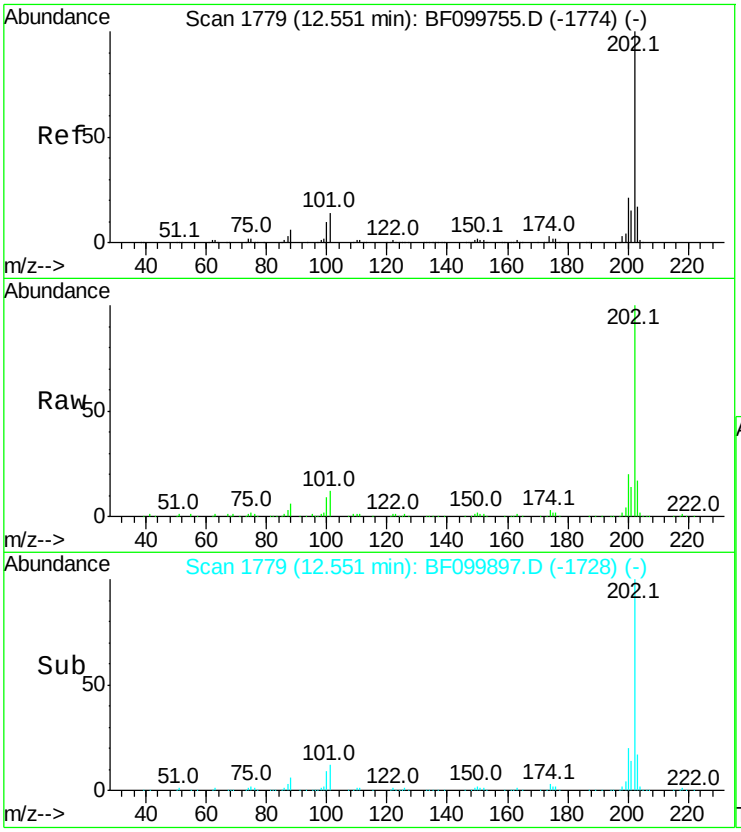


#70
Phenanthrene
Concen: 7.064 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:178 Resp: 111868

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	14.9	13.0	19.6

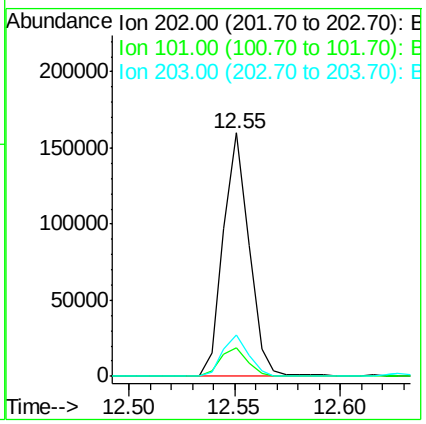




#74
Fluoranthene
Concen: 8.251 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:202 Resp: 135787

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	16.9	0.0	38.1



Instrument :
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ENV-116-6(5-10)

Manual Integrations APPROVED
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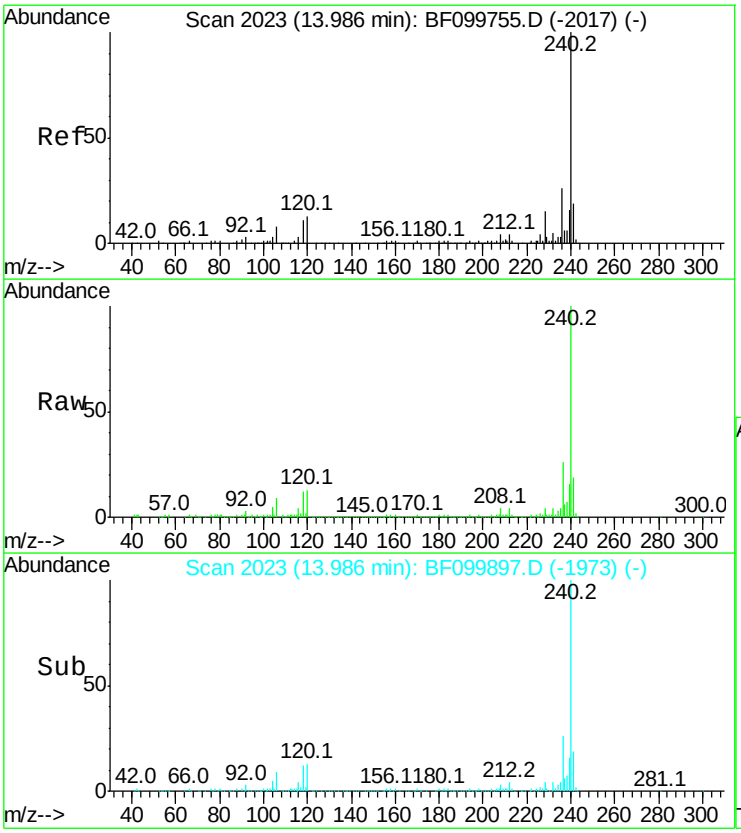
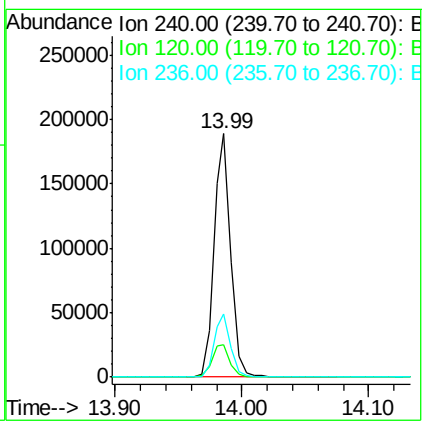
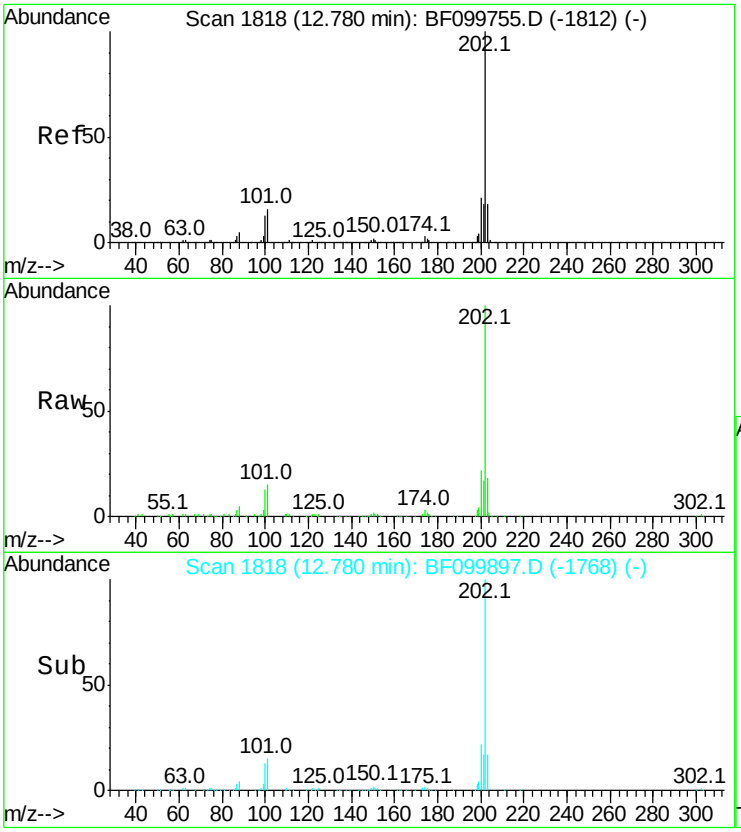


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:240 Resp: 174028

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.9	20.7	31.1

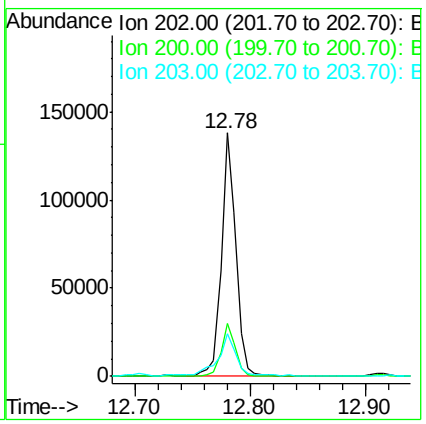




#77
Pyrene
Concen: 9.123 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

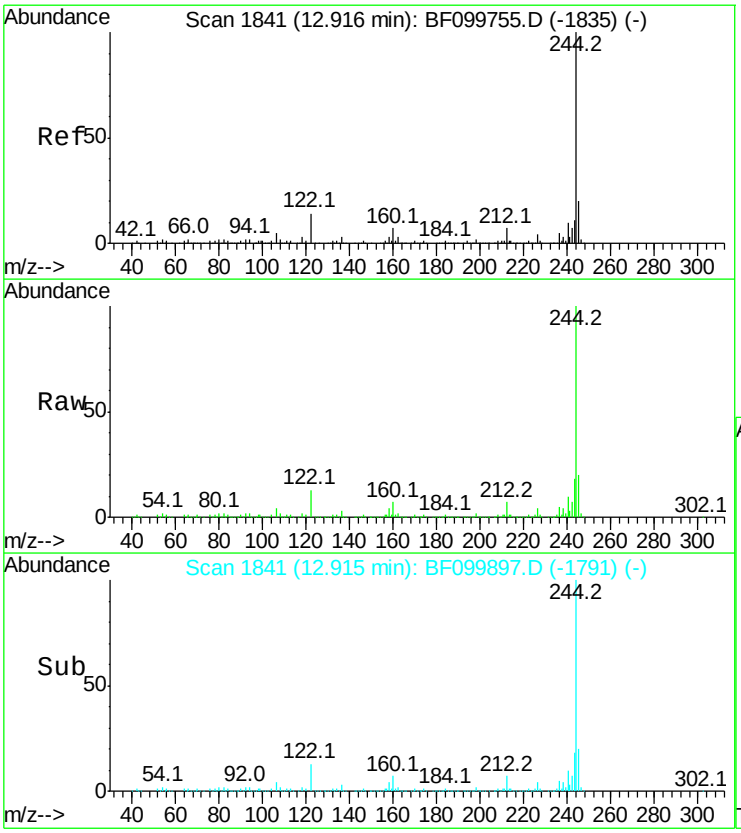
Tgt Ion:202 Resp: 120726

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
ENV-116-6(5-10)

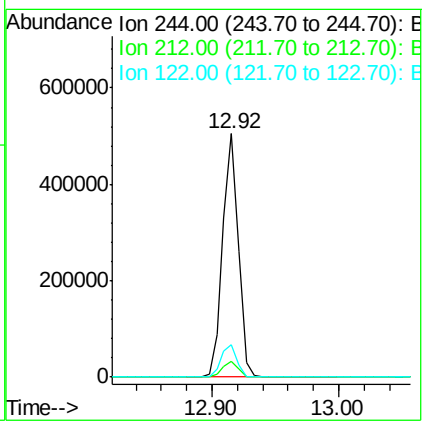
Manual Integrations APPROVED
Sohil
10/30/2017 6:16:54 PM

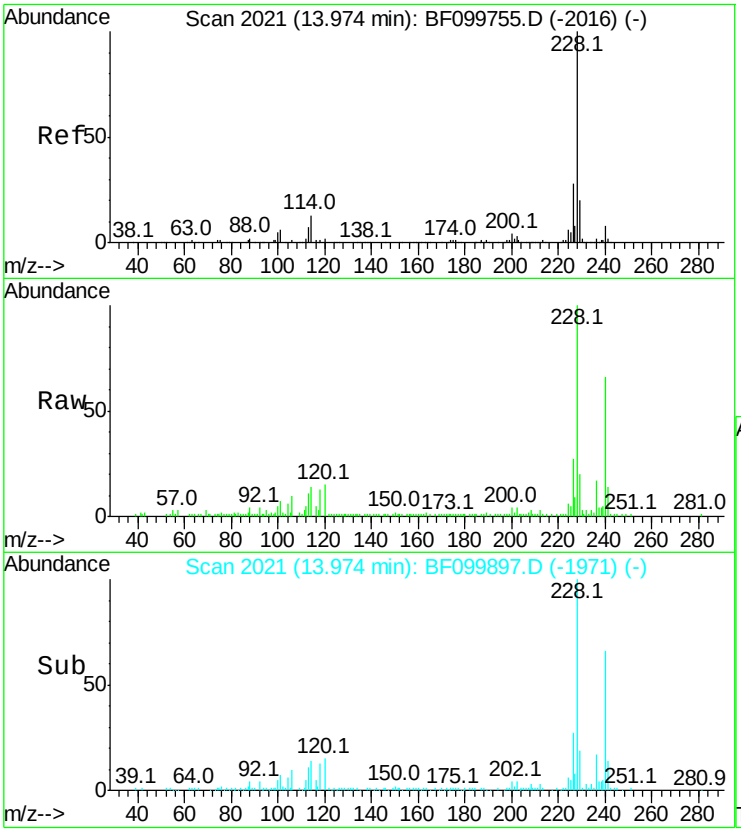


#78
Terphenyl-d14
Concen: 54.636 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:244 Resp: 435082

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.2	11.0	16.4

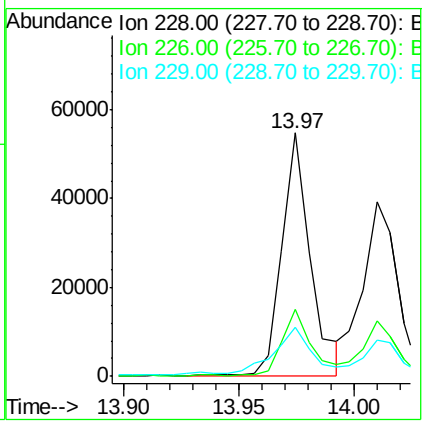




#80
Benzo(a)anthracene
Concen: 4.291 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:228 Resp: 47343

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.0	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
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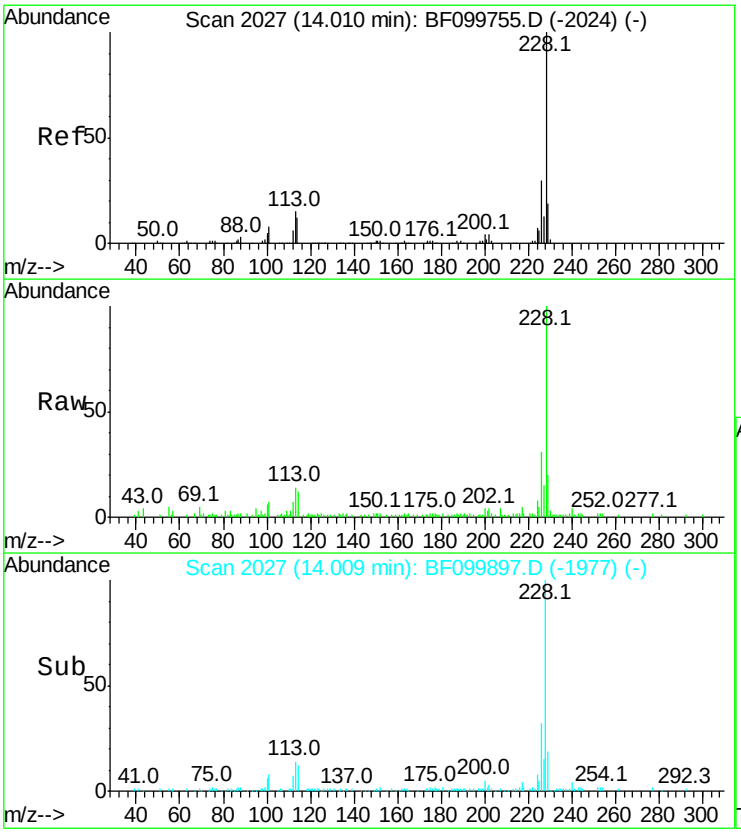
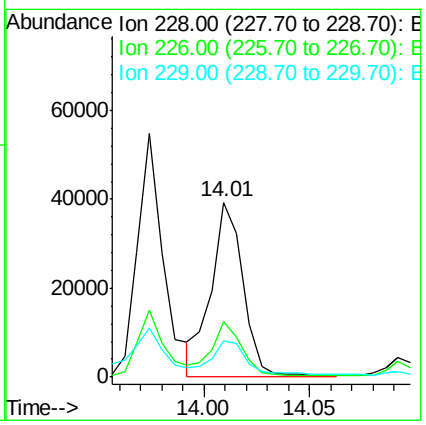
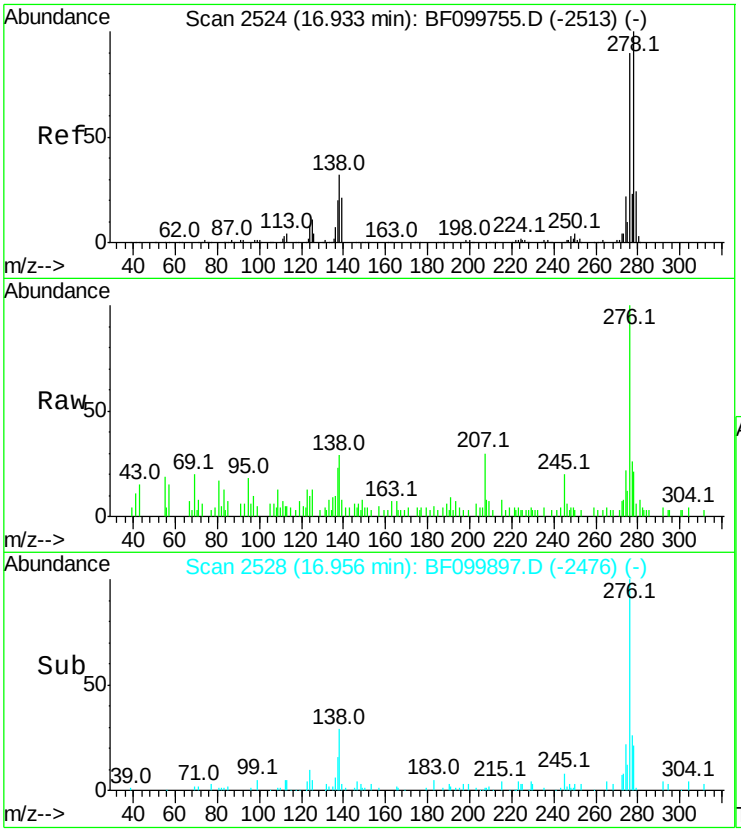


#82
Chrysene
Concen: 4.053 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:228 Resp: 42034

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.5	16.2	24.4





#85
Indeno(1,2,3-cd)pyrene
Concen: 2.507 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:276 Resp: 23866

Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.0	37.6
277	29.0	20.1	30.1

Instrument :
BNA_F
ClientSampleId :
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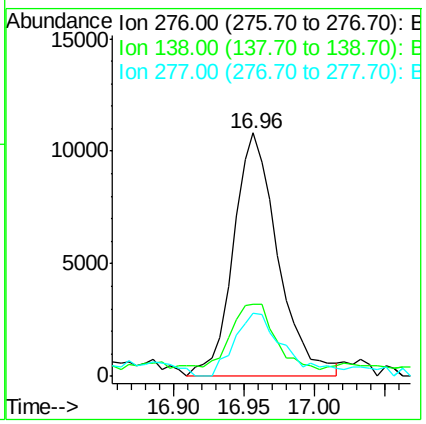
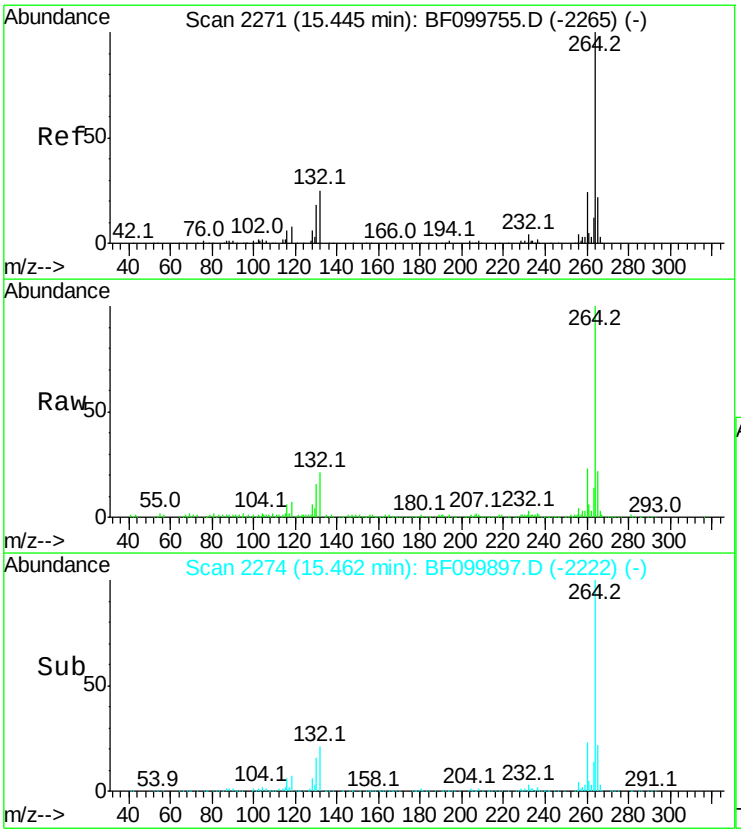
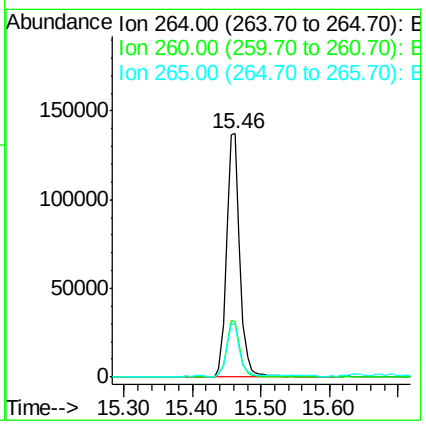


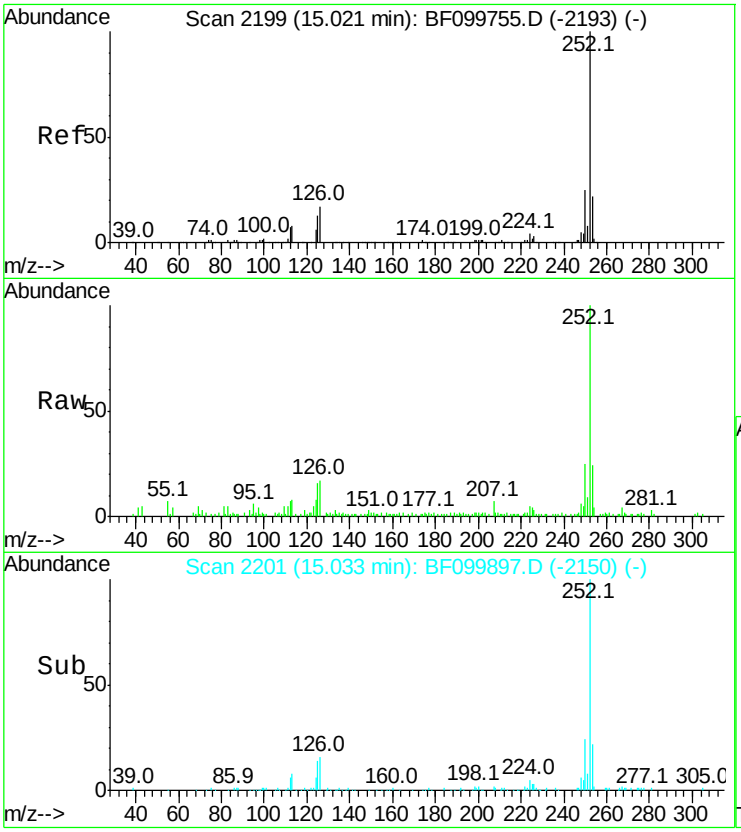


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:264 Resp: 188654

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.9	17.5	26.3

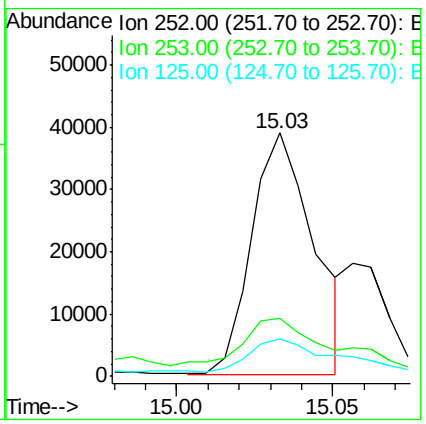




#87
Benzo(b)fluoranthene
Concen: 4.489 ng m
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:252 Resp: 53471

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	15.5	9.0	13.6#



Instrument :
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ClientSampleId :
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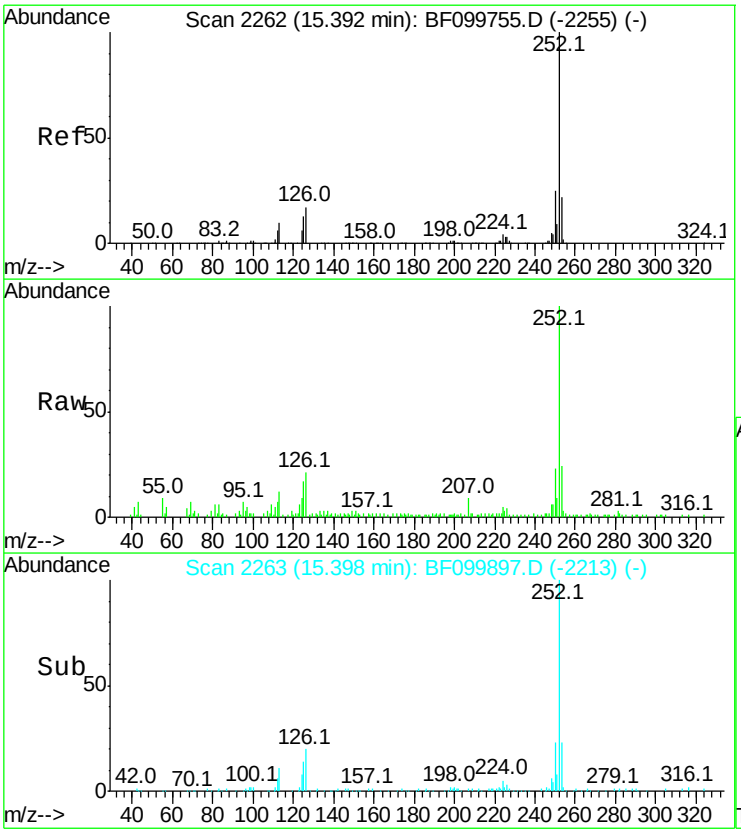
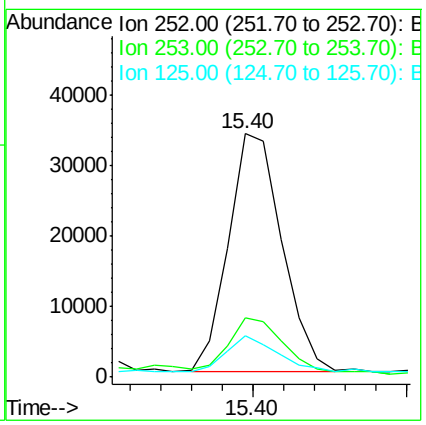
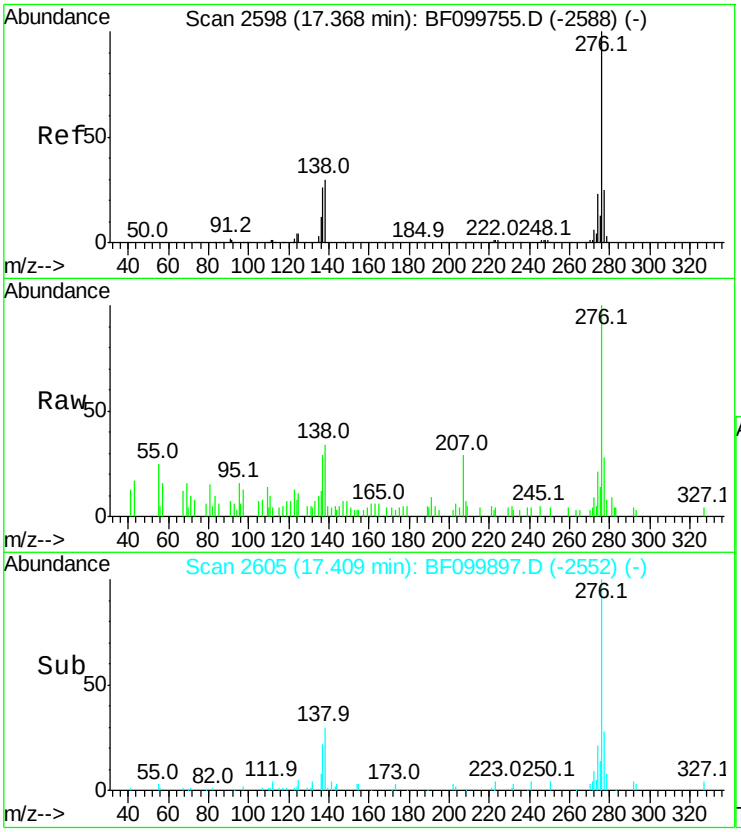


#89
Benzo(a)pyrene
Concen: 3.820 ng m
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:252 Resp: 40881

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	16.9	9.8	14.6#

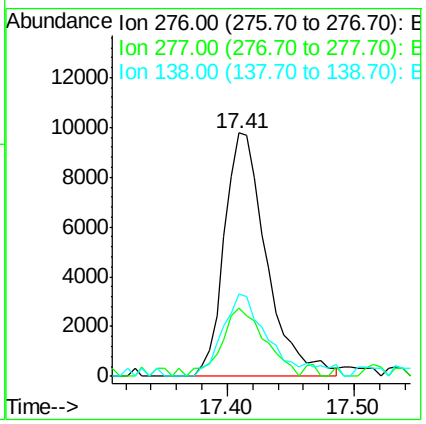




#91
Benzo(g,h,i)perylene
Concen: 2.425 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:276 Resp: 22556

Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	33.9	21.8	32.8#



Instrument :
BNA_F
ClientSampleId :
ENV-116-6(5-10)

Manual Integrations APPROVED
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