Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097289.D
Acq On : 2 Aug 2017 22:34
Operator : SJ/JU
Sample : I4540-17 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
Sohil
8/3/2017 6:08:17 PM

Quant Time: Aug 03 00:30:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	117565	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	484346	20.00	ng		-0.05
38) Acenaphthene-d10	9.47	164	188910	20.00	ng		-0.06
63) Phenanthrene-d10	10.95	188	285700	20.00	ng		-0.05
75) Chrysene-d12	13.57	240	206486	20.00	ng		-0.05
86) Perylene-d12	14.92	264	186226	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	158354	20.31	ng		-0.05
7) Phenol-d6	6.12	99	252281	28.34	ng		-0.05
23) Nitrobenzene-d5	7.02	82	131919	15.98	ng		-0.06
41) 2,4,6-Tribromophenol	10.26	330	36402	24.39	ng		-0.06
44) 2-Fluorobiphenyl	8.81	172	224968	20.21	ng		-0.06
78) Terphenyl-d14	12.53	244	135228	13.35	ng		-0.06
Target Compounds							Qvalue
49) Dimethylphthalate	9.21	163	41724	2.909	ng		98
70) Phenanthrene	10.97	178	83528	5.457	ng		96
74) Fluoranthene	12.15	202	127894	8.528	ng		98
77) Pyrene	12.37	202	112069	6.630	ng		98
80) Benzo(a)anthracene	13.56	228	51158	3.829	ng		98
82) Chrysene	13.60	228	47733	3.659	ng		98
87) Benzo(b)fluoranthene	14.56	252	68495m	6.119	ng		
89) Benzo(a)pyrene	14.87	252	41477	4.048	ng	#	95
91) Benzo(g,h,i)perylene	16.48	276	24223	2.749	ng		95

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

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Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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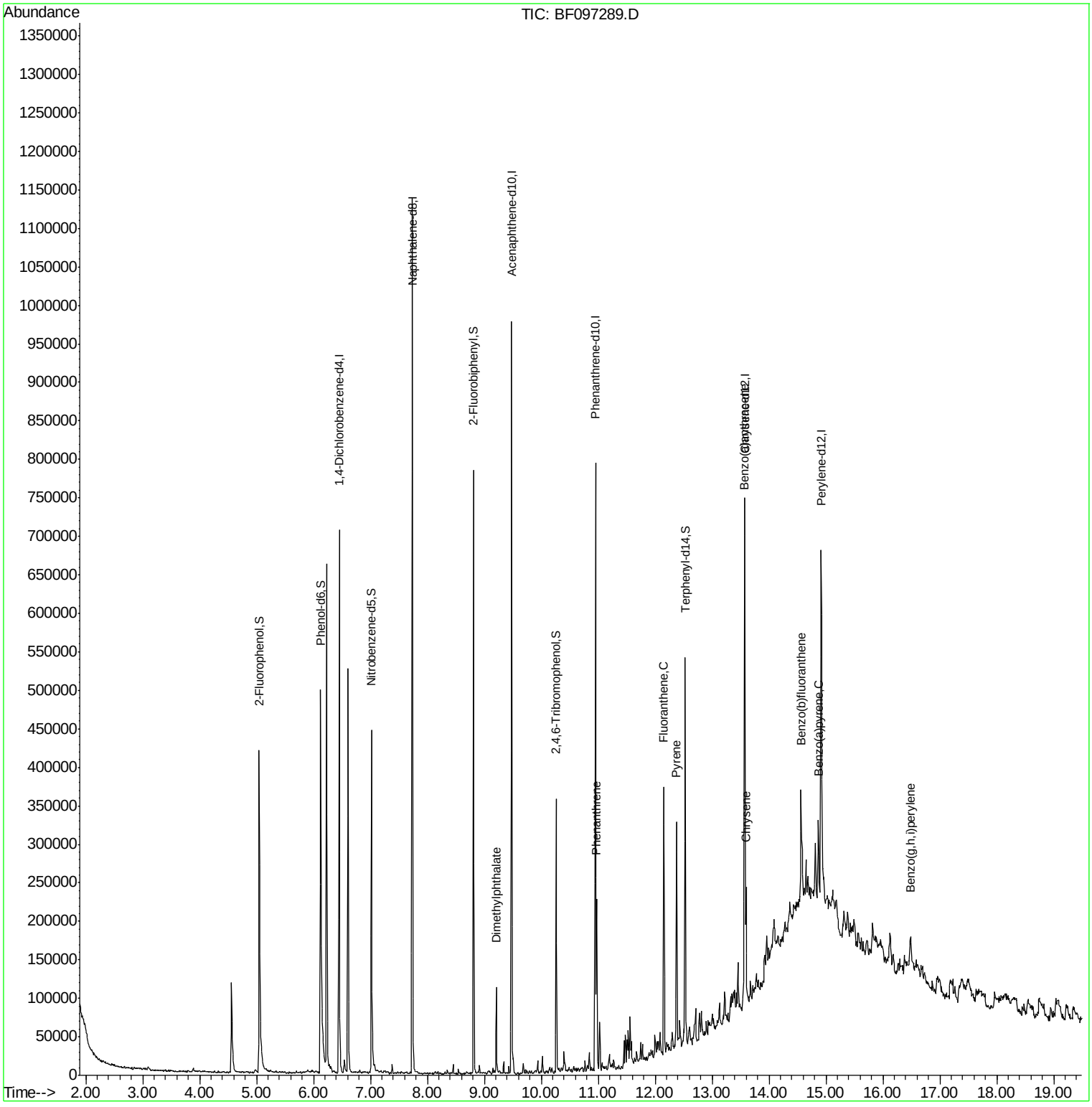
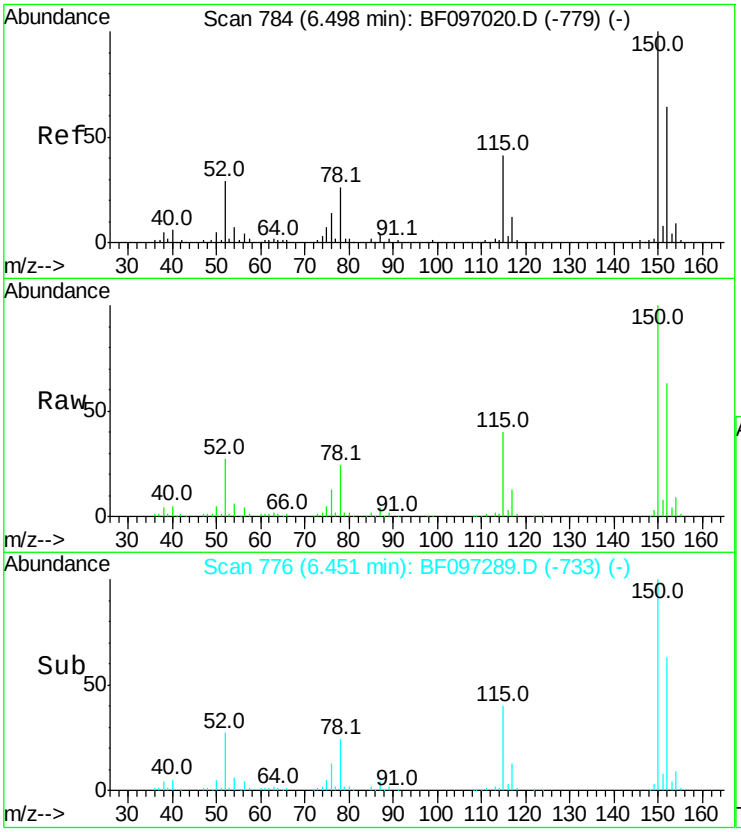
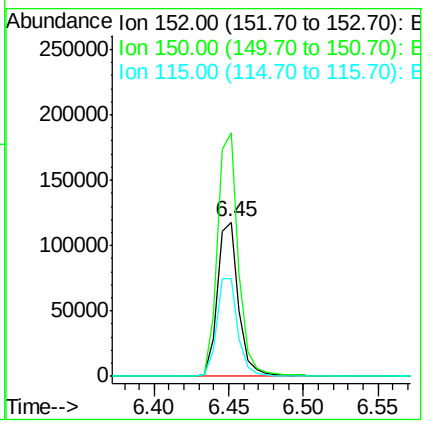




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:152 Resp: 117565

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	63.5	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
VNJ-221

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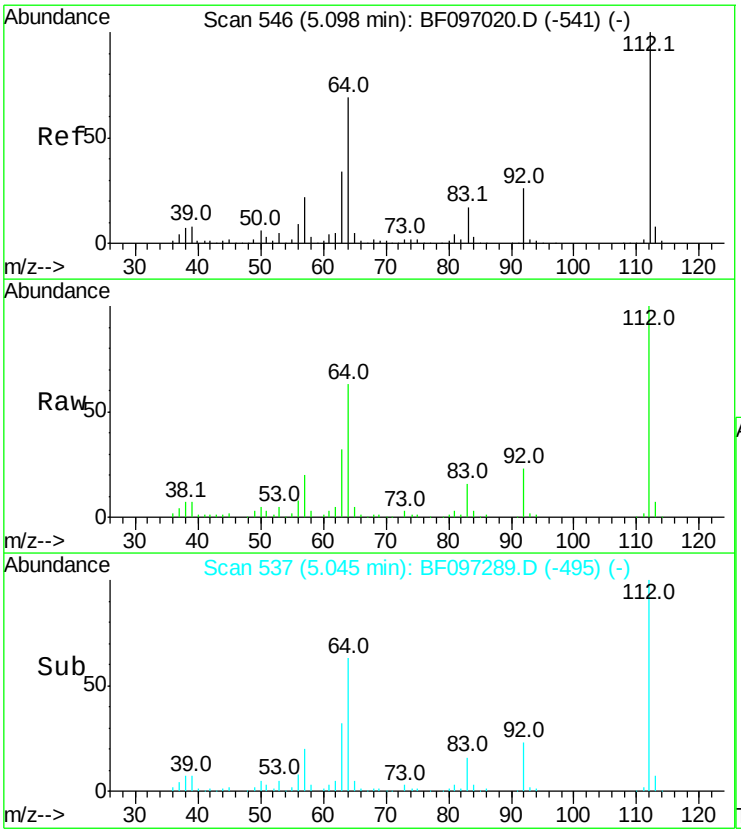
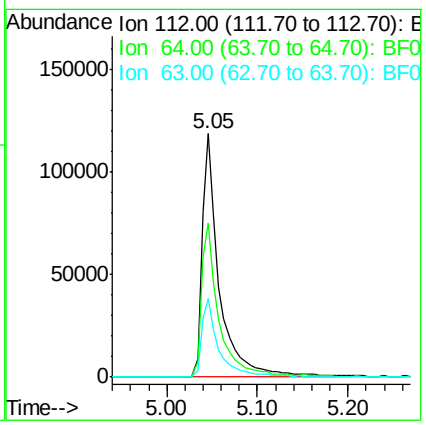
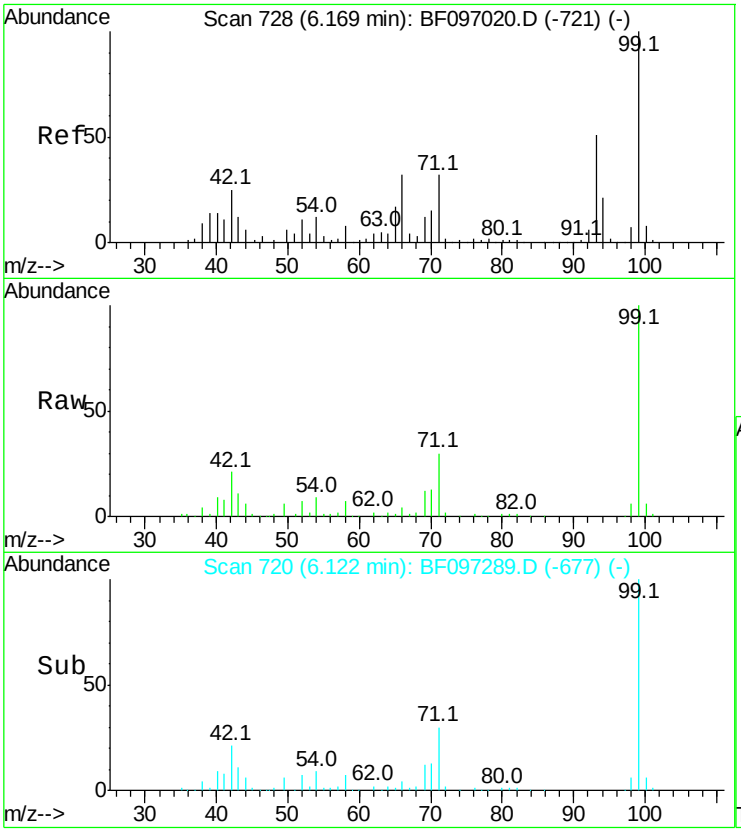


#5
2-Fluorophenol
Concen: 20.305 ng
RT: 5.05 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:112 Resp: 158354

Ion	Ratio	Lower	Upper
112	100		
64	63.4	46.0	69.0
63	32.1	23.4	35.0

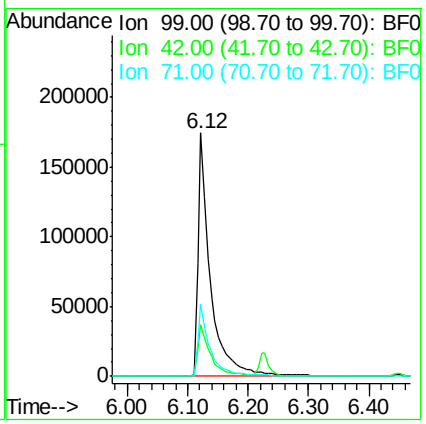




#7
Phenol-d6
Concen: 28.336 ng
RT: 6.12 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion: 99 Resp: 252281

Ion	Ratio	Lower	Upper
99	100		
42	21.2	13.5	20.3#
71	29.8	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
VNJ-221

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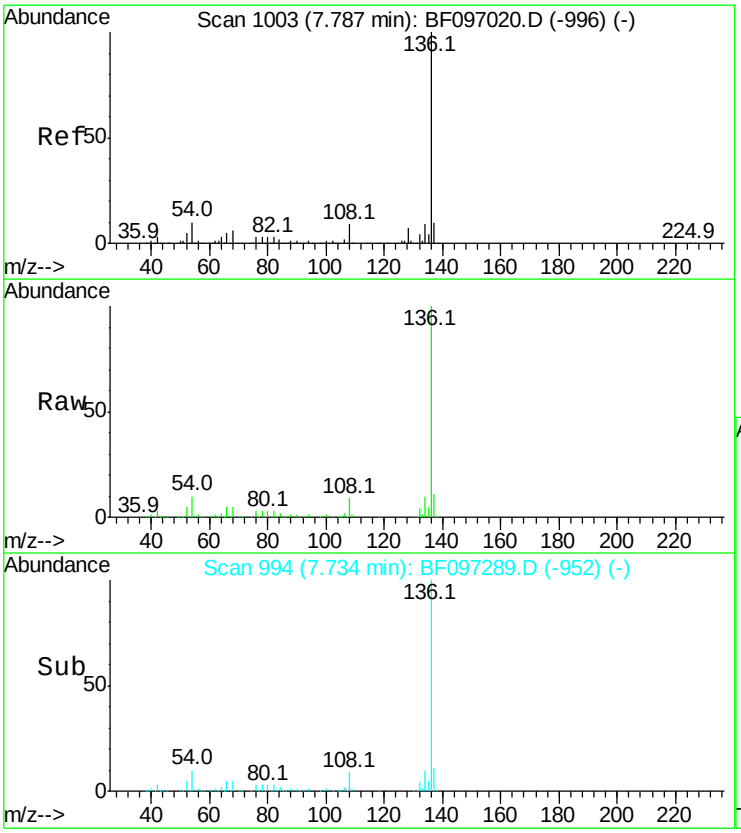
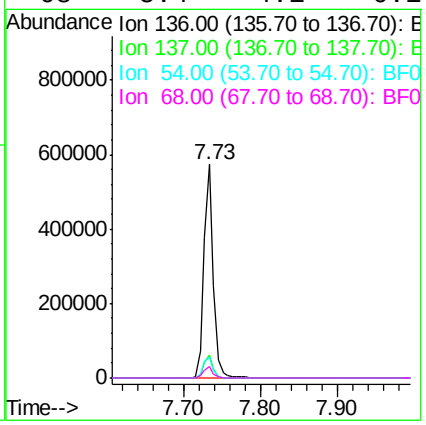
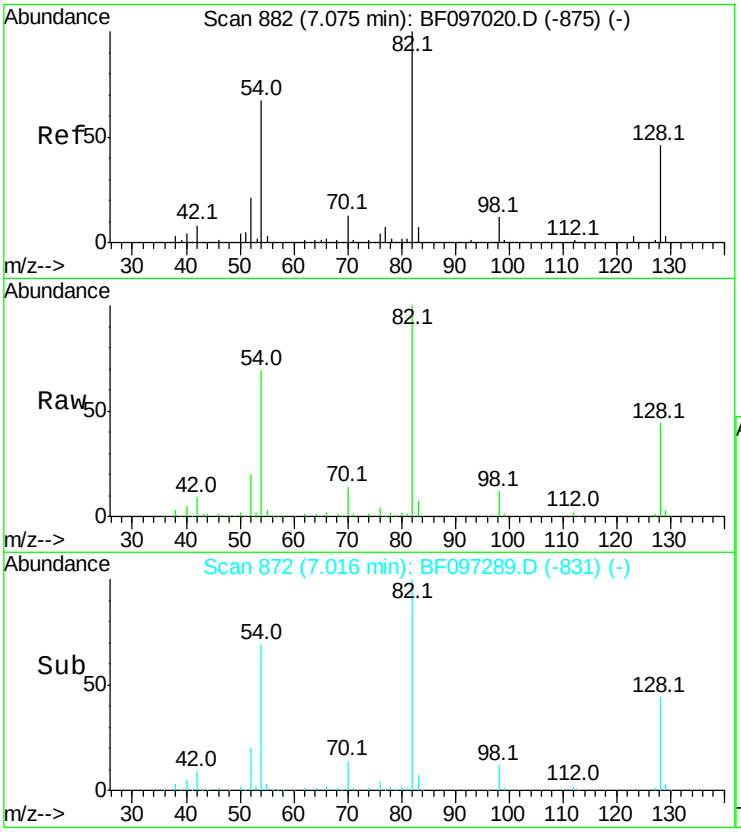


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:136 Resp: 484346

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.9	4.9	7.3#
68	5.4	4.1	6.1

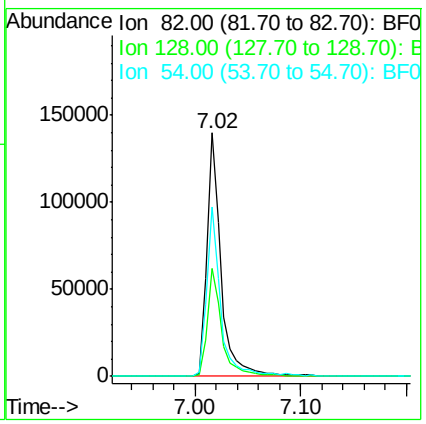




#23
Nitrobenzene-d5
Concen: 15.978 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.06 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion: 82 Resp: 131919

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	69.4	42.2	63.2#



Instrument :
BNA_F
ClientSampleId :
VNJ-221

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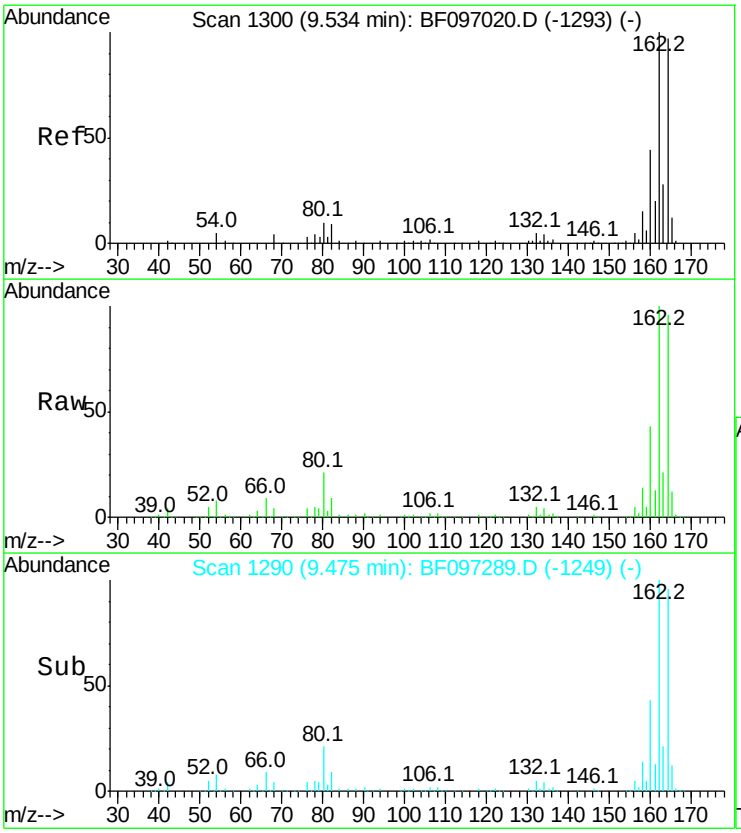
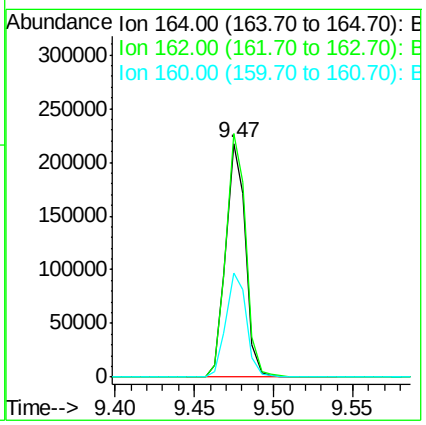
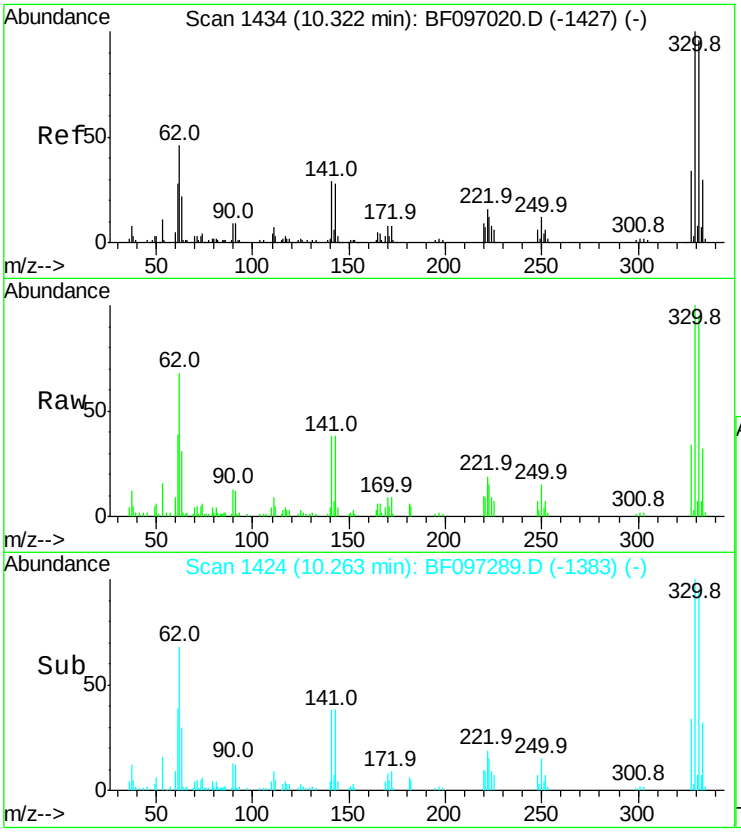


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:164 Resp: 188910

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	44.8	36.2	54.2

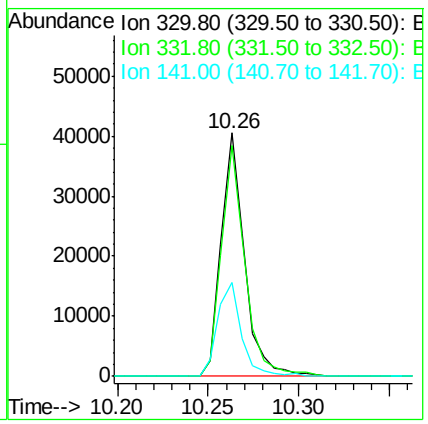




#41
2,4,6-Tribromophenol
Concen: 24.389 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.06 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:330 Resp: 36402

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	39.7	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
VNJ-221

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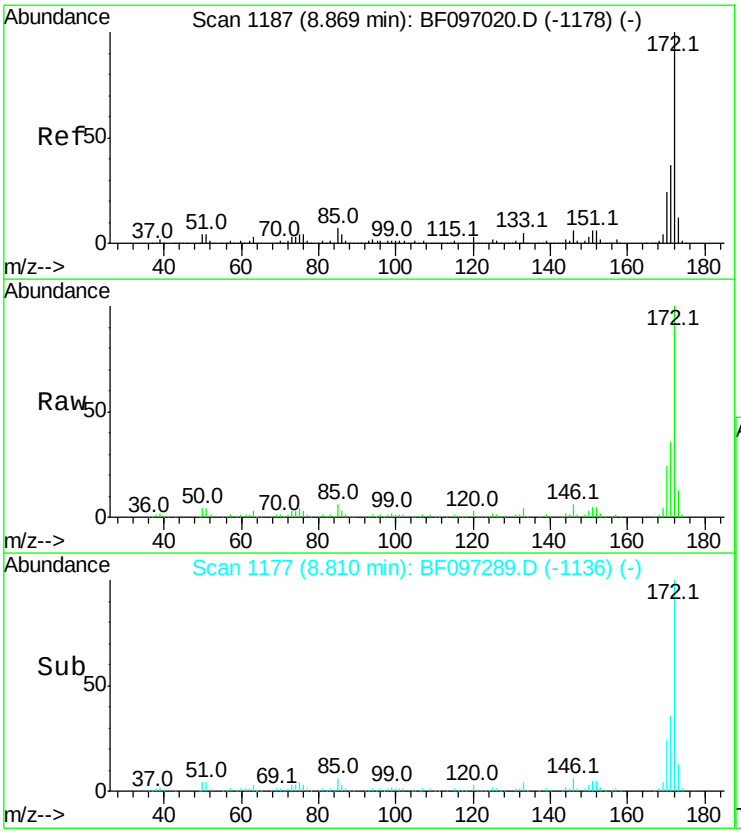
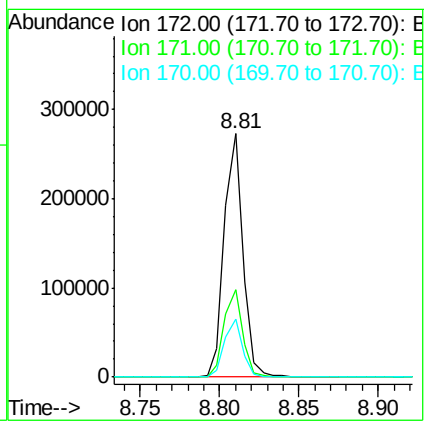
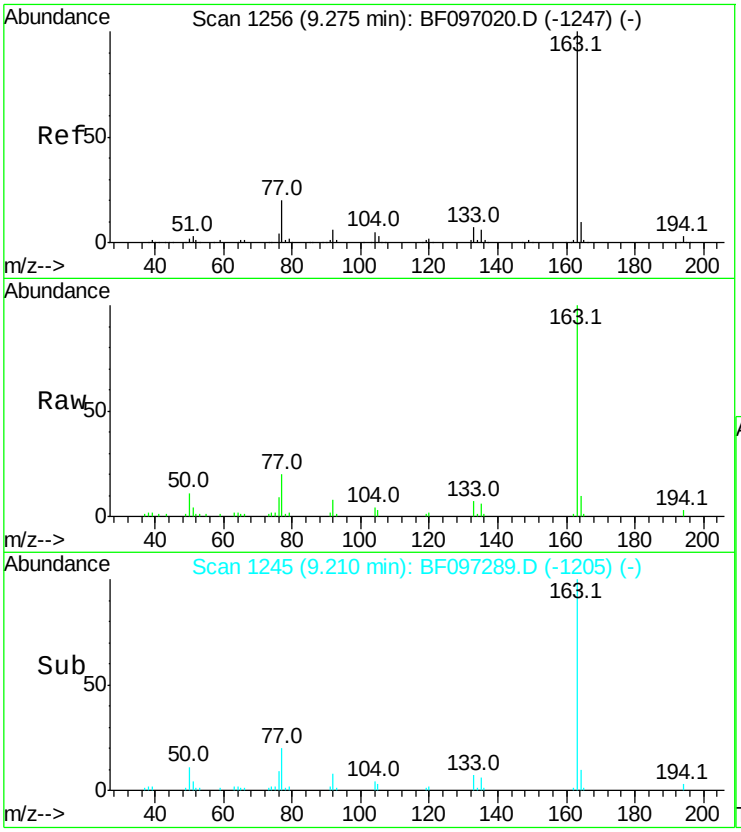


#44
2-Fluorobiphenyl
Concen: 20.210 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.06 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:172 Resp: 224968

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.9	19.8	29.8

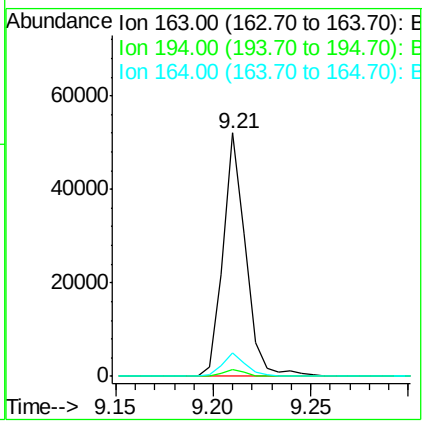




#49
Dimethylphthalate
Concen: 2.909 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:163 Resp: 41724

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.8	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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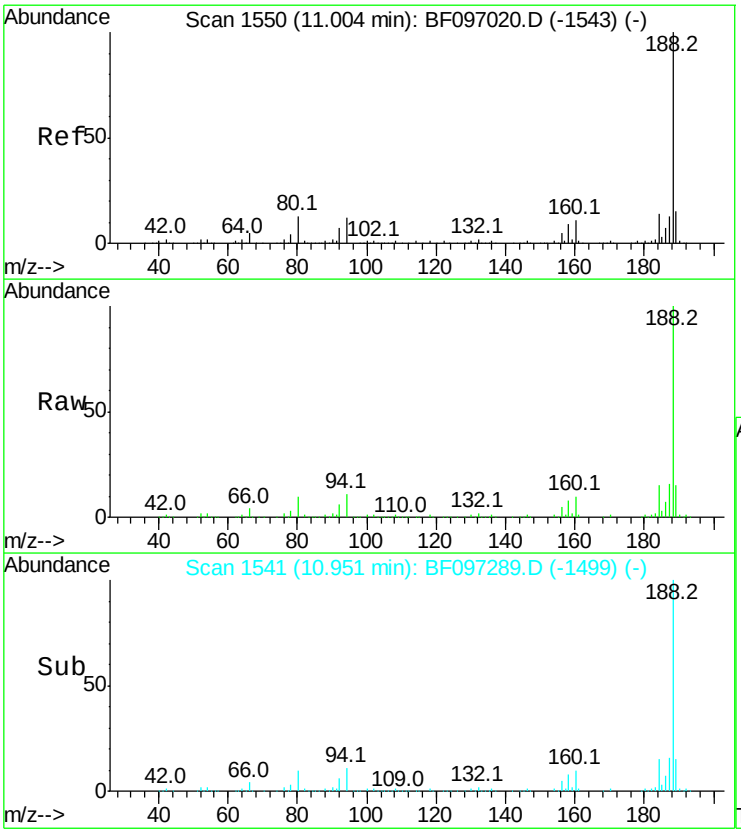
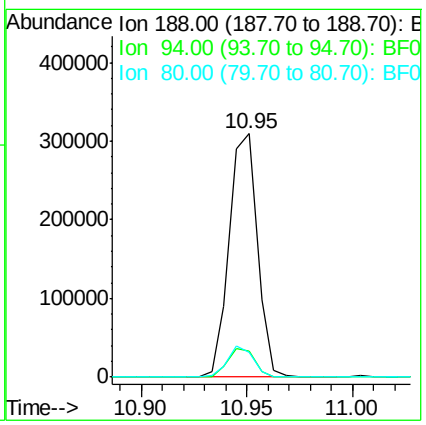
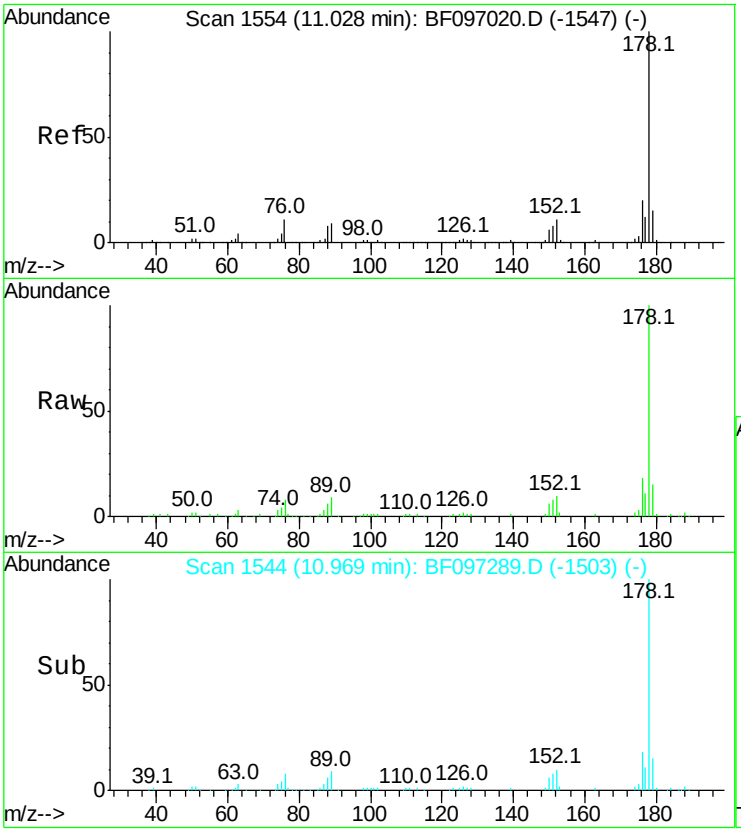


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.05 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:188 Resp: 285700

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.4	10.2	15.2

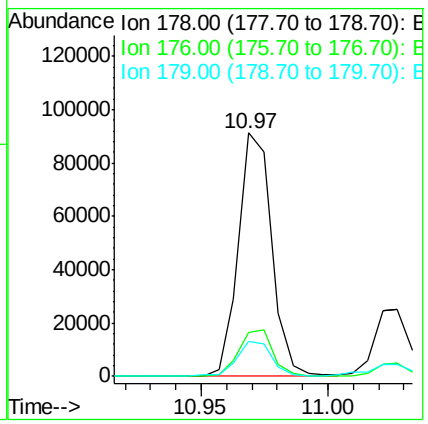




#70
Phenanthrene
Concen: 5.457 ng
RT: 10.97 min Scan# 1544
Delta R.T. -0.06 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:178 Resp: 83528

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	14.6	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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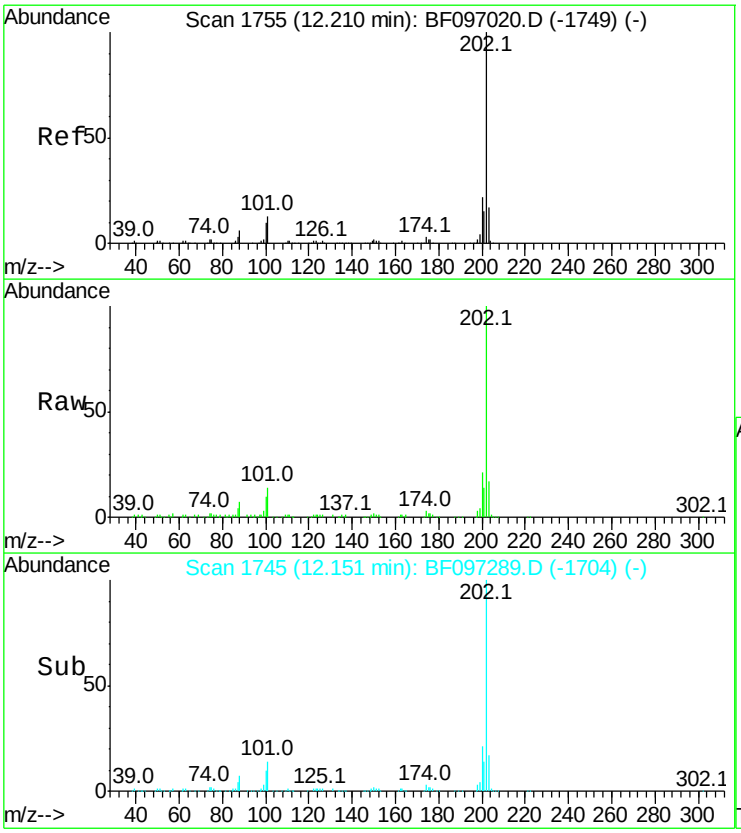
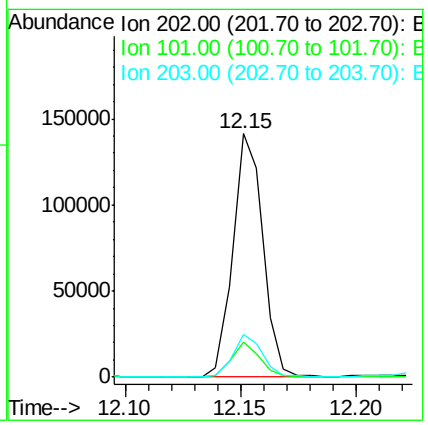
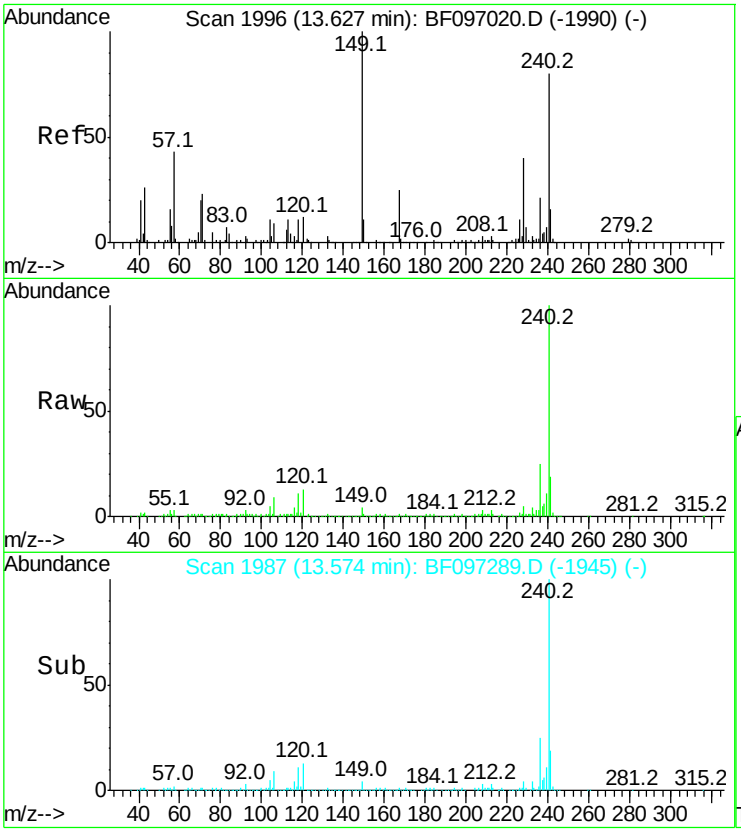


#74
Fluoranthene
Concen: 8.528 ng
RT: 12.15 min Scan# 1745
Delta R.T. -0.06 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:202 Resp: 127894

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.5	0.0	38.1

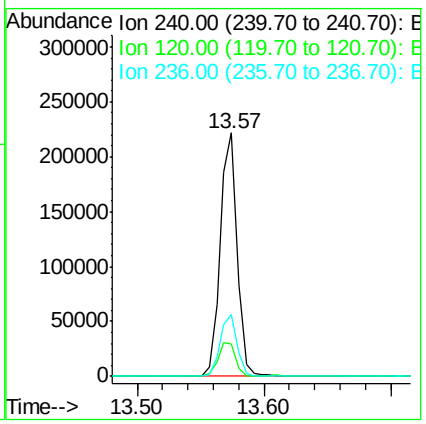




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1987
Delta R.T. -0.05 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:240 Resp: 206486

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	25.3	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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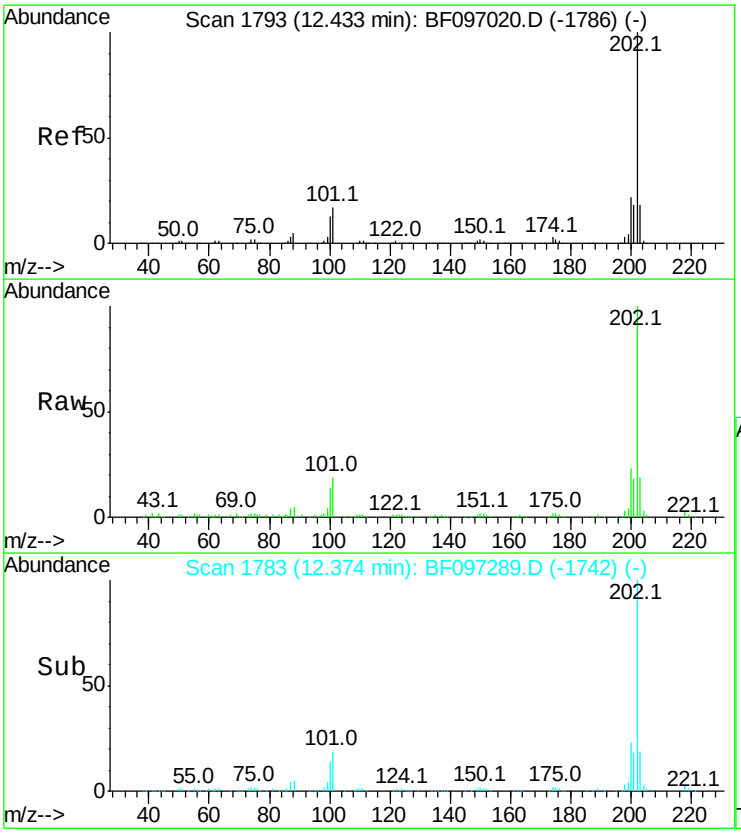
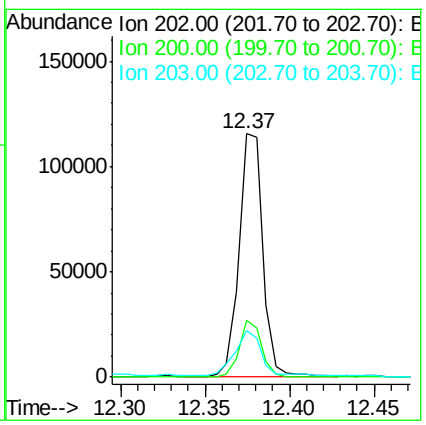
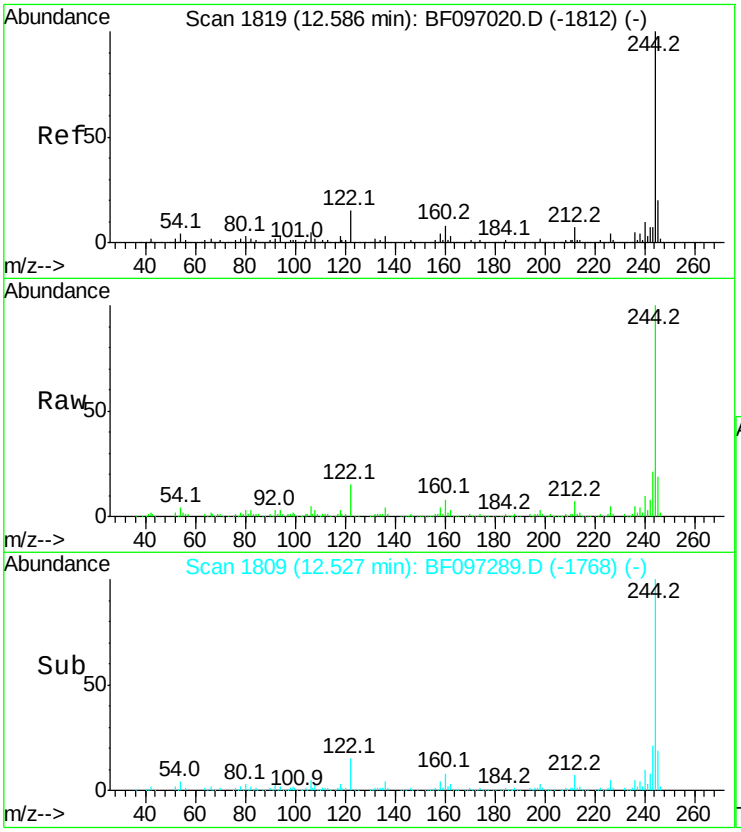


#77
Pyrene
Concen: 6.630 ng
RT: 12.37 min Scan# 1783
Delta R.T. -0.06 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:202 Resp: 112069

Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.6	26.4
203	19.1	14.4	21.6

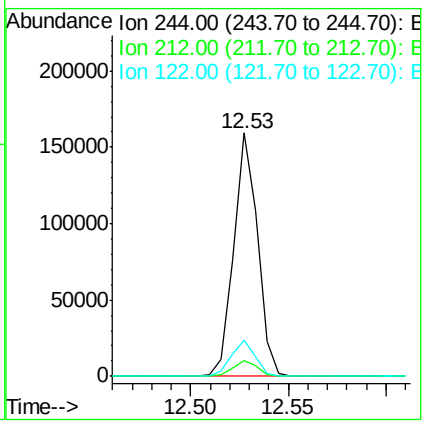




#78
Terphenyl-d14
Concen: 13.352 ng
RT: 12.53 min Scan# 1809
Delta R.T. -0.06 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:244 Resp: 135228

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.8	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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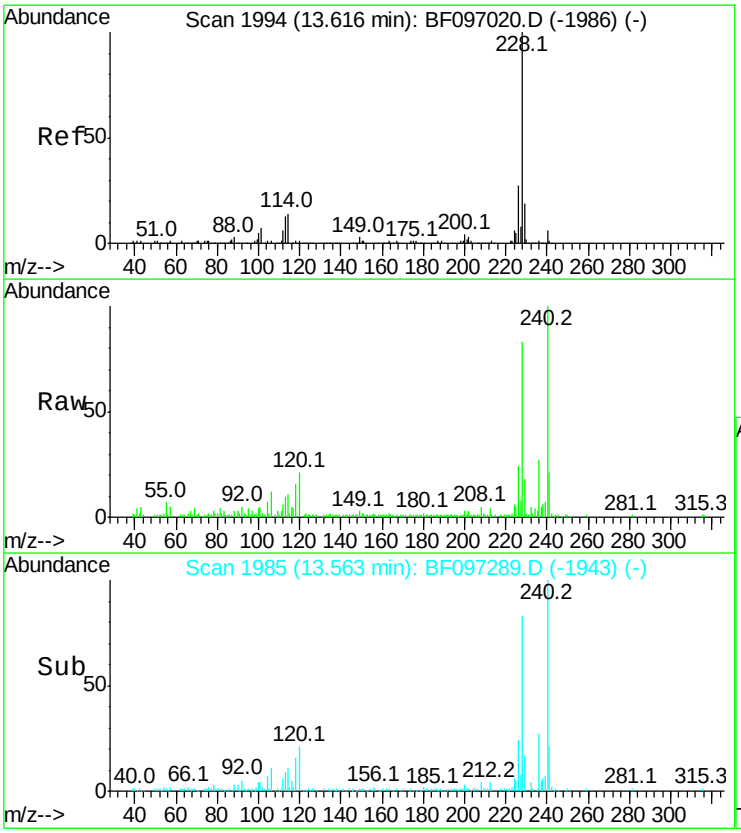
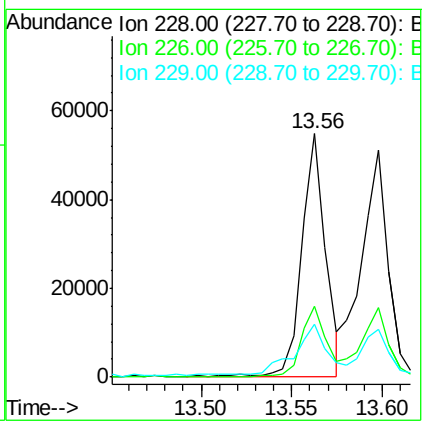
8/3/2017 6:08:17 PM

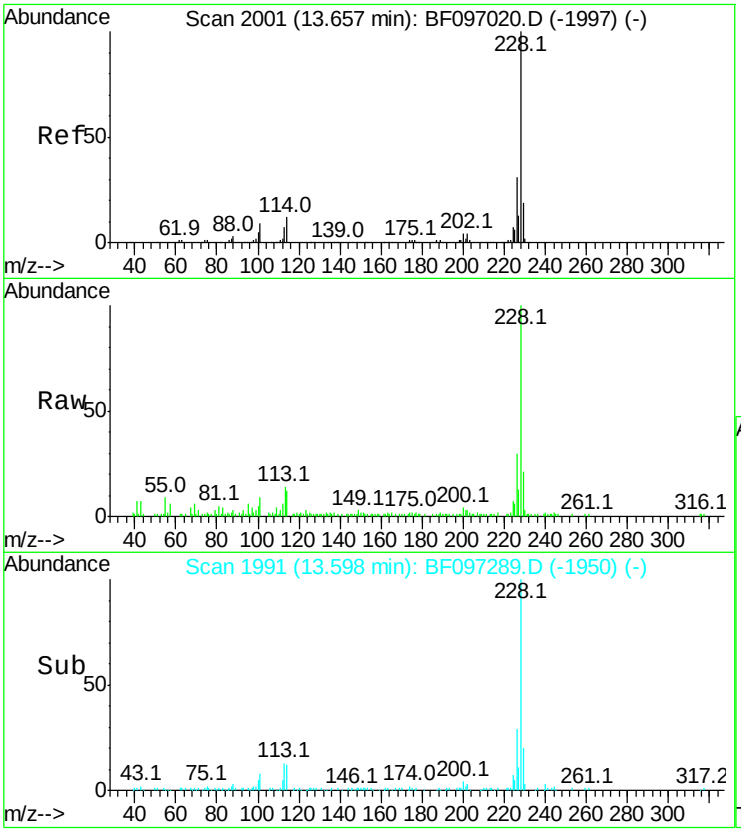


#80
Benzo(a)anthracene
Concen: 3.829 ng
RT: 13.56 min Scan# 1985
Delta R.T. -0.05 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:228 Resp: 51158

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	21.7	16.3	24.5

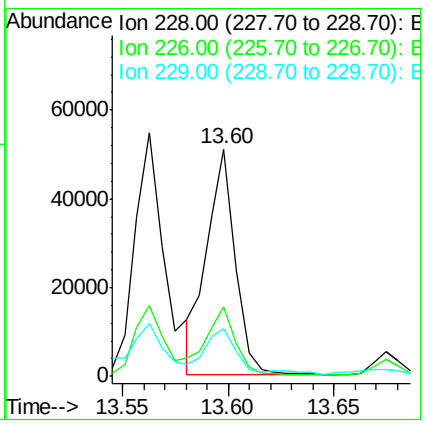




#82
Chrysene
Concen: 3.659 ng
RT: 13.60 min Scan# 1991
Delta R.T. -0.06 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:228 Resp: 47733

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	20.8	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
VNJ-221

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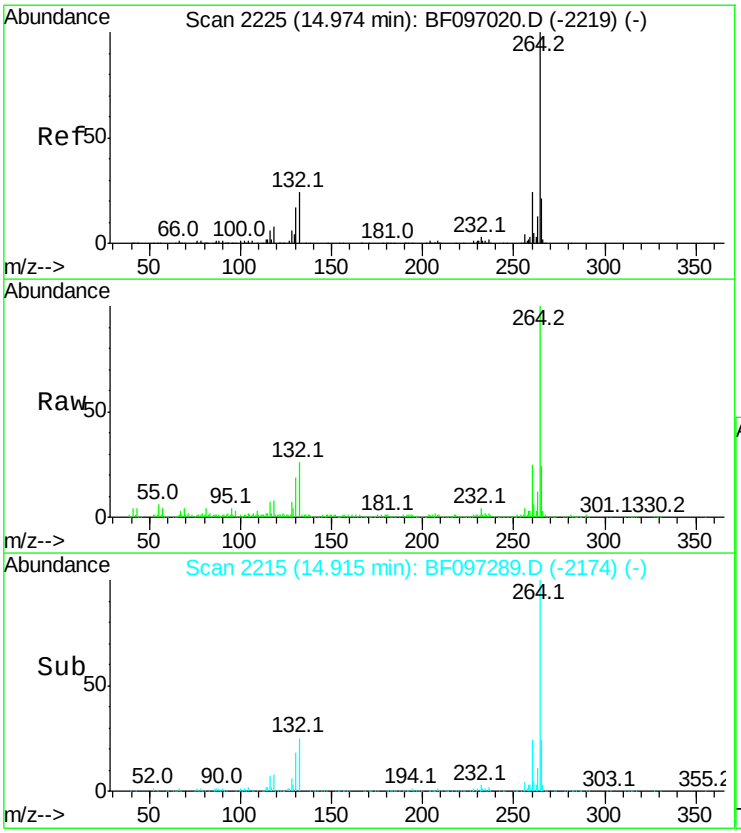
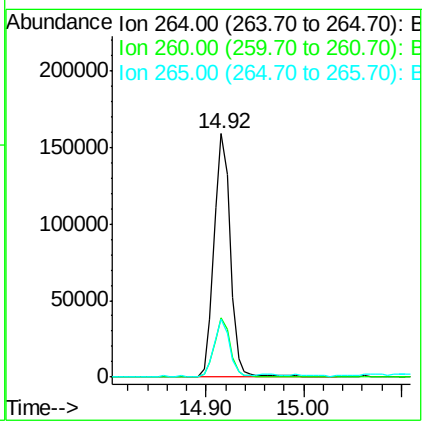
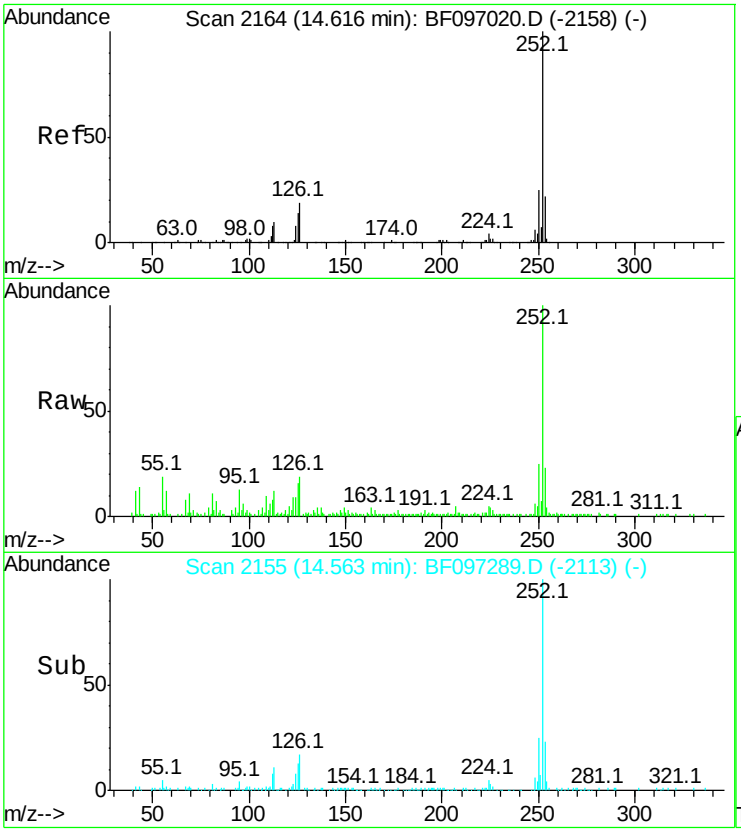


#86
Perylene-d12
Concen: 20.000 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.06 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:264 Resp: 186226

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	23.8	17.2	25.8

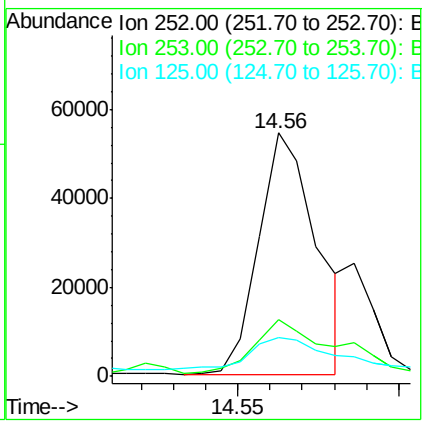




#87
Benzo(b)fluoranthene
Concen: 6.119 ng m
RT: 14.56 min Scan# 2155
Delta R.T. -0.05 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:252 Resp: 68495

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	15.7	9.8	14.8#



Instrument :
BNA_F
ClientSampleId :
VNJ-221

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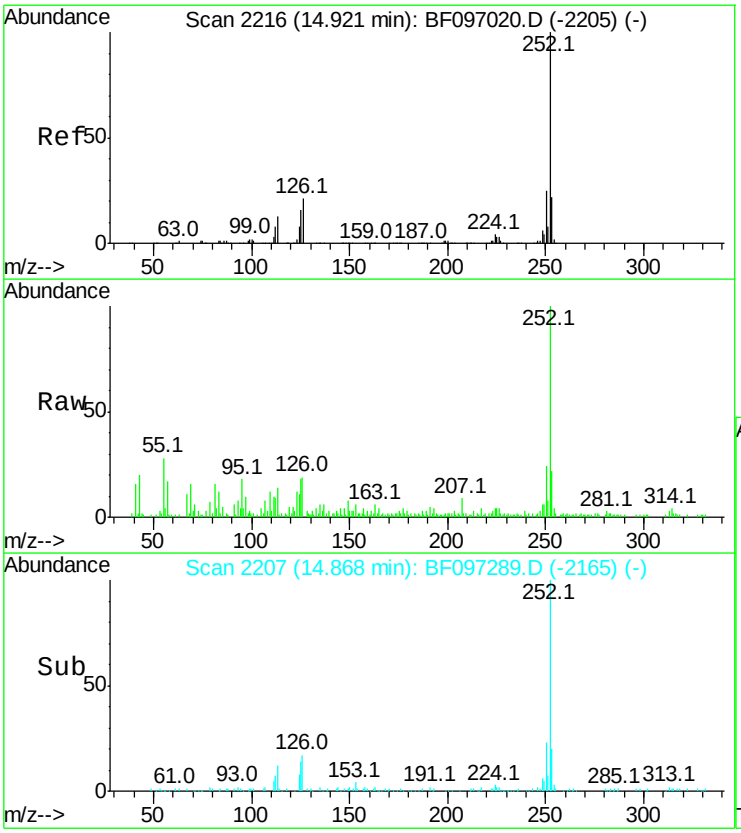
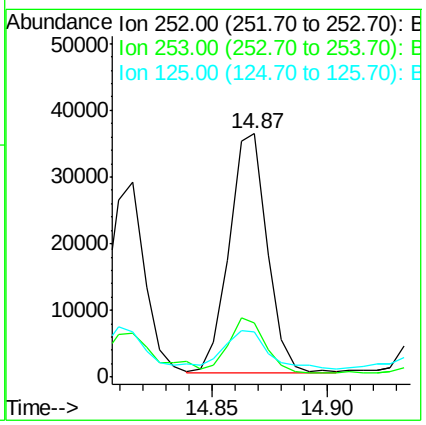
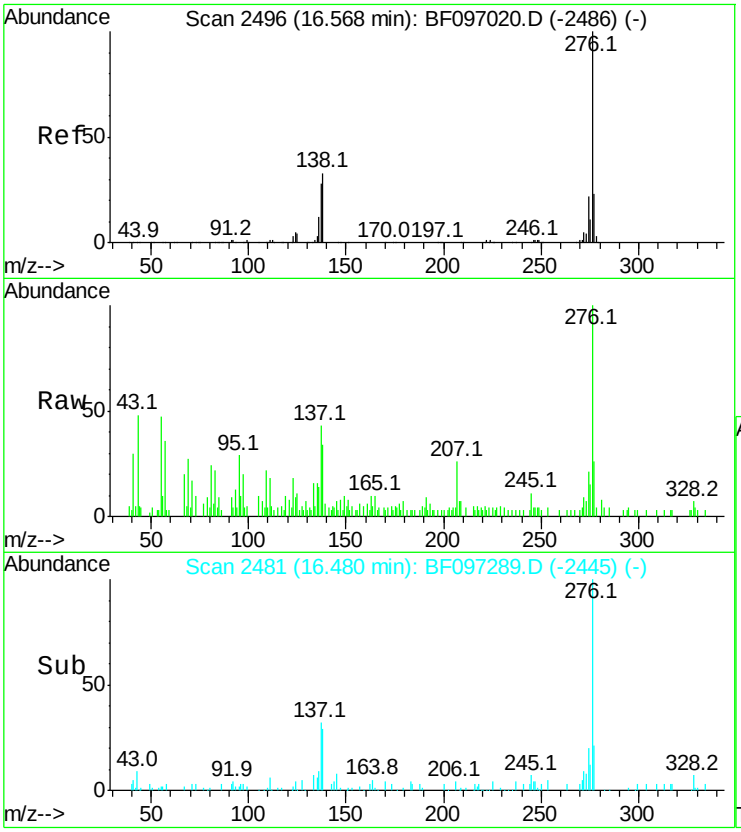


#89
Benzo(a)pyrene
Concen: 4.048 ng
RT: 14.87 min Scan# 2207
Delta R.T. -0.05 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:252 Resp: 41477

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	18.3	11.0	16.4#

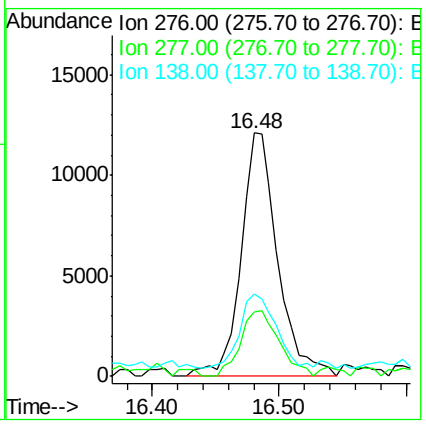




#91
Benzo(g,h,i)perylene
Concen: 2.749 ng
RT: 16.48 min Scan# 2481
Delta R.T. -0.09 min
Lab File: BF097289.D
Acq: 2 Aug 2017 22:34

Tgt Ion:276 Resp: 24223

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	28.0
138	33.8	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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