Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098314.D
Acq On : 7 Sep 2017 15:29
Operator : SJ/JU
Sample : I5075-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
Sohil
9/8/2017 5:45:08 PM

Quant Time: Sep 07 17:27:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	99401	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	386978	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	160687	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	271744	20.00	ng		-0.02
75) Chrysene-d12	13.84	240	241320	20.00	ng		-0.02
86) Perylene-d12	15.25	264	214129	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	385464	58.99	ng		-0.02
7) Phenol-d6	6.33	99	516197	58.14	ng		-0.02
23) Nitrobenzene-d5	7.25	82	299699	42.07	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	74199	53.22	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	427756	39.11	ng		-0.02
78) Terphenyl-d14	12.79	244	307307	26.56	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	9.45	163	55738	4.745	ng	#	98
70) Phenanthrene	11.23	178	56017	3.868	ng		98
74) Fluoranthene	12.42	202	77875	5.152	ng		100
77) Pyrene	12.65	202	78012	3.953	ng		98
80) Benzo(a)anthracene	13.83	228	39394	2.724	ng		93
82) Chrysene	13.86	228	38423	2.671	ng	#	94
87) Benzo(b)fluoranthene	14.85	252	44823m	3.321	ng		
89) Benzo(a)pyrene	15.19	252	30900	2.586	ng	#	81

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

Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
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Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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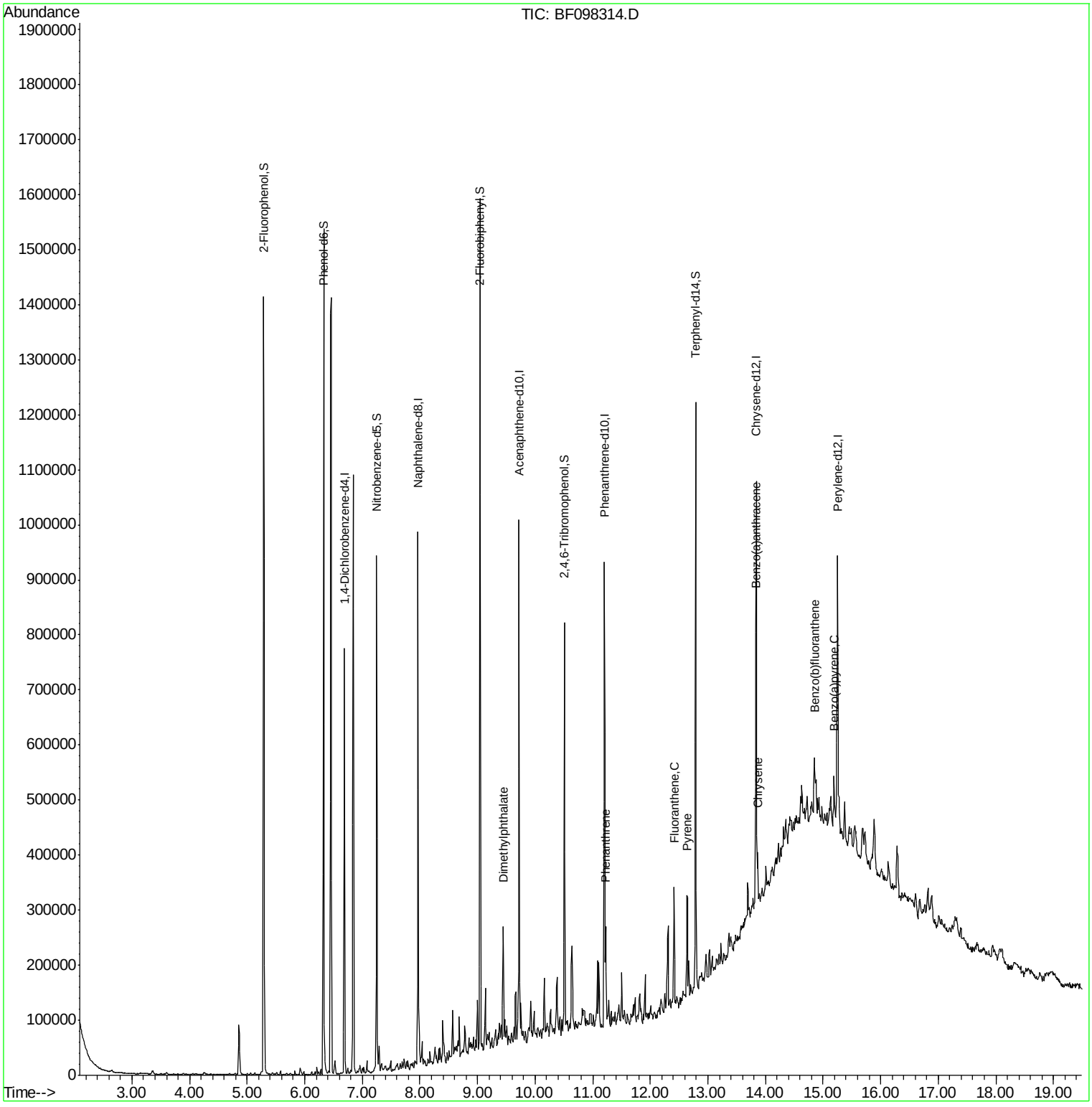
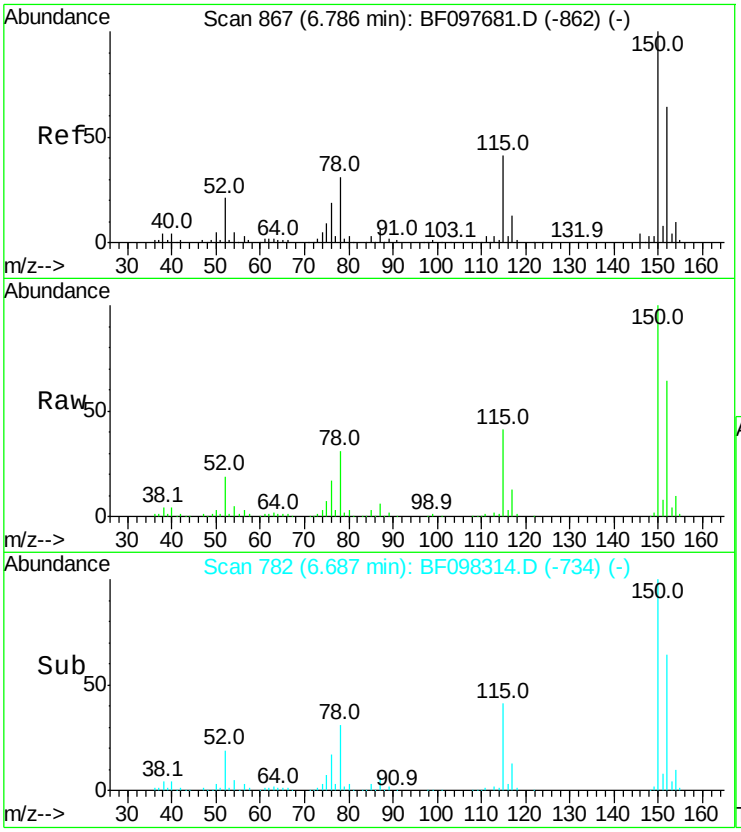
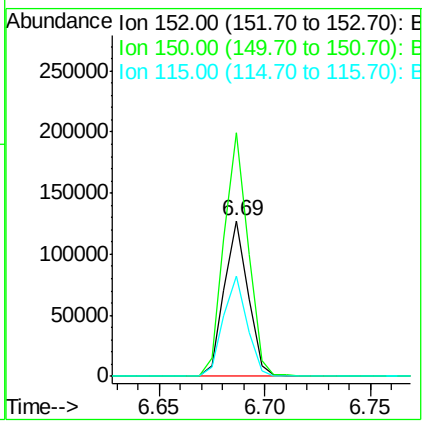




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:152 Resp: 99401

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	64.0	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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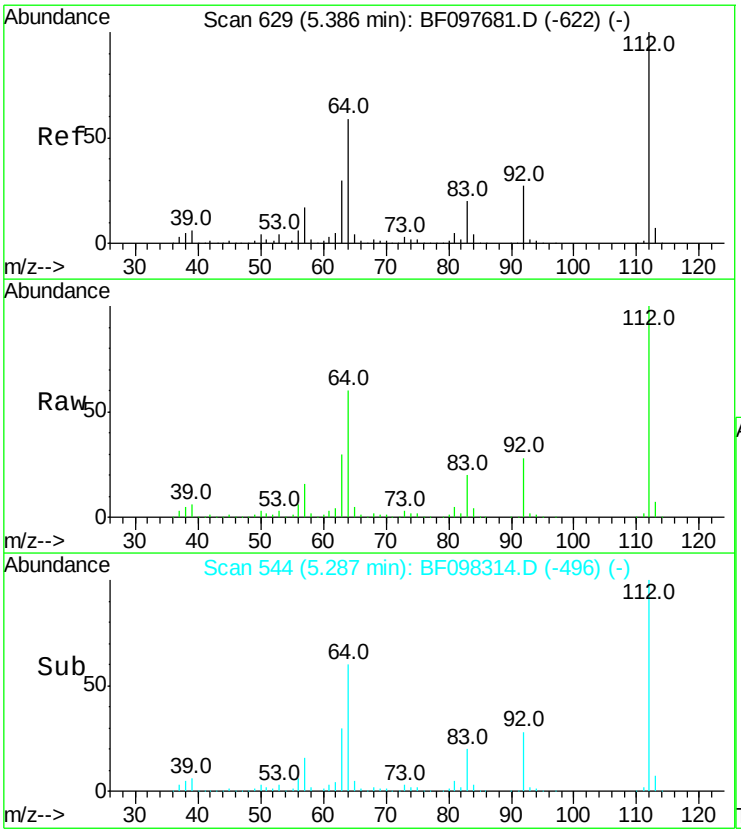
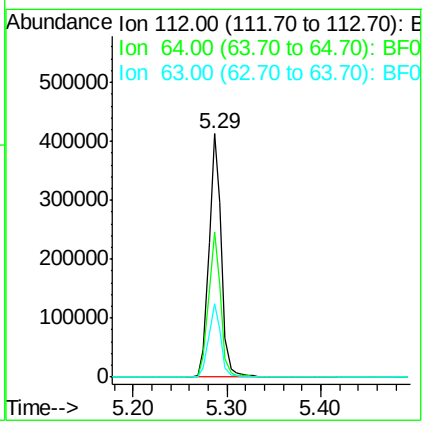
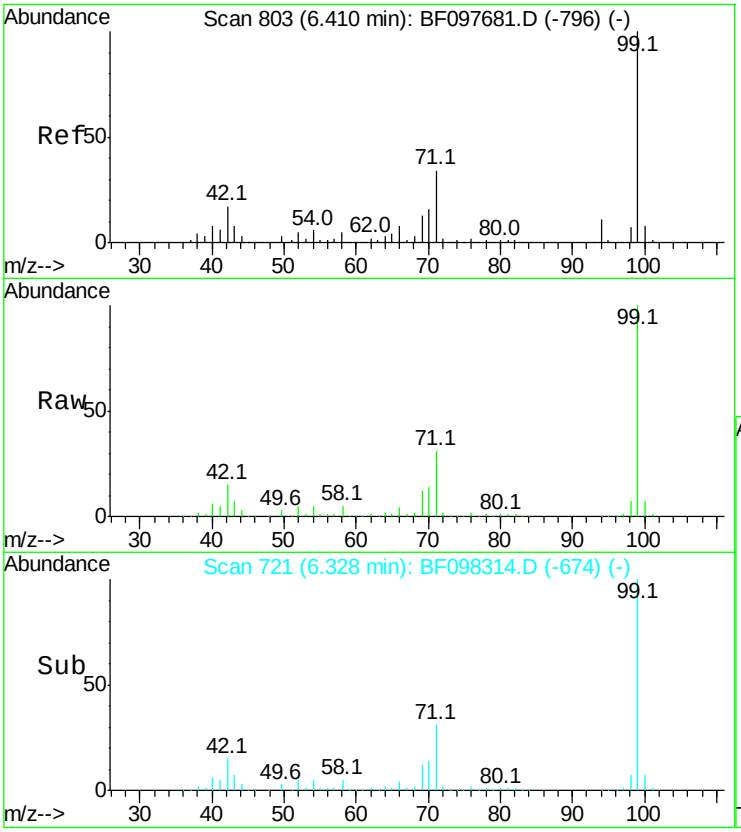


#5
2-Fluorophenol
Concen: 58.985 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:112 Resp: 385464

Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.0	69.0
63	30.4	23.4	35.0

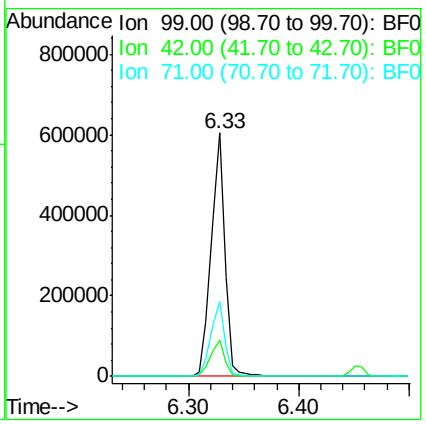




#7
Phenol-d6
Concen: 58.136 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion: 99 Resp: 516197

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.5	20.3
71	30.9	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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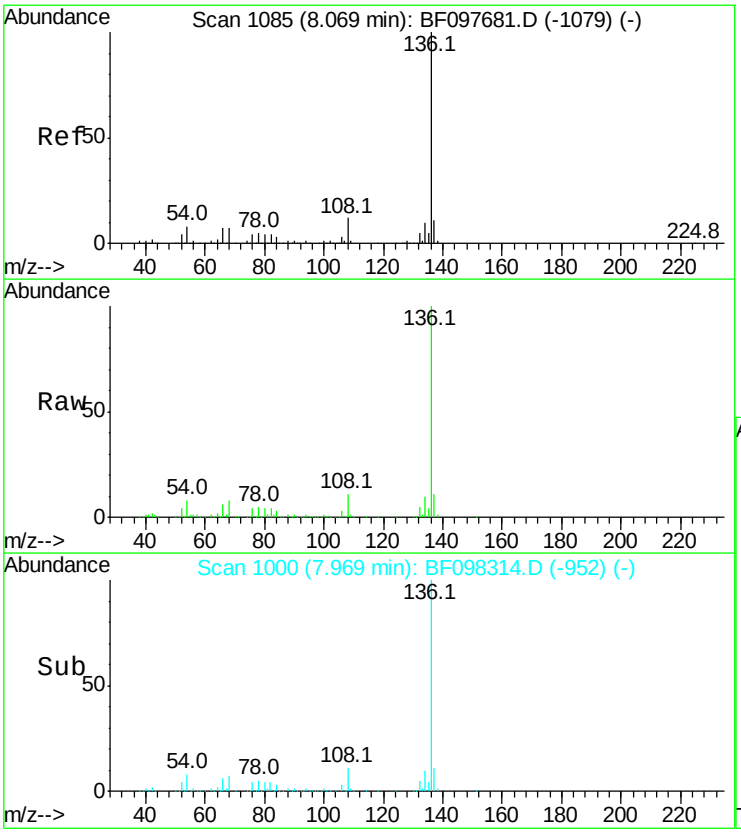
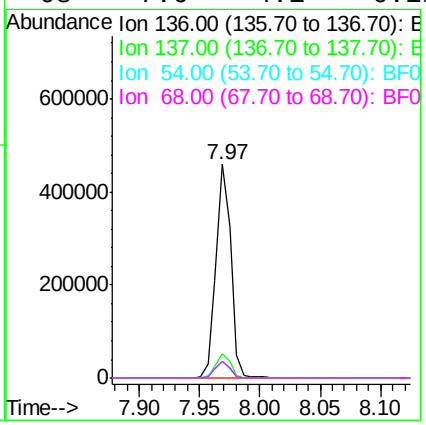
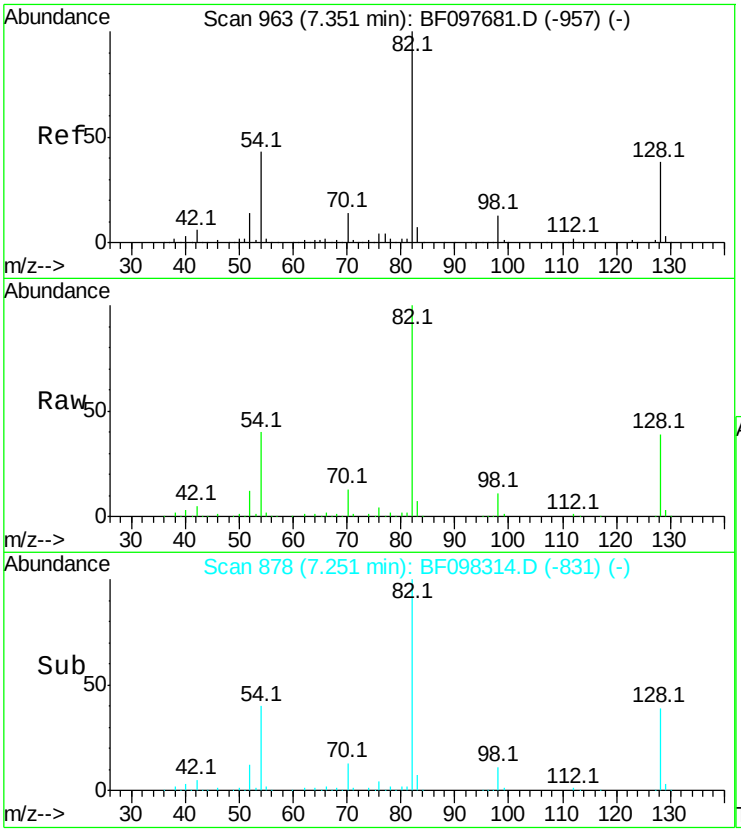


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:136 Resp: 386978

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	7.6	4.9	7.3#
68	7.6	4.1	6.1#

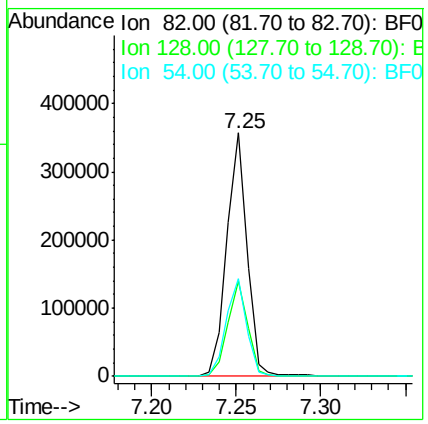




#23
Nitrobenzene-d5
Concen: 42.072 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion: 82 Resp: 299699

Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.0	51.0
54	40.0	42.2	63.2#



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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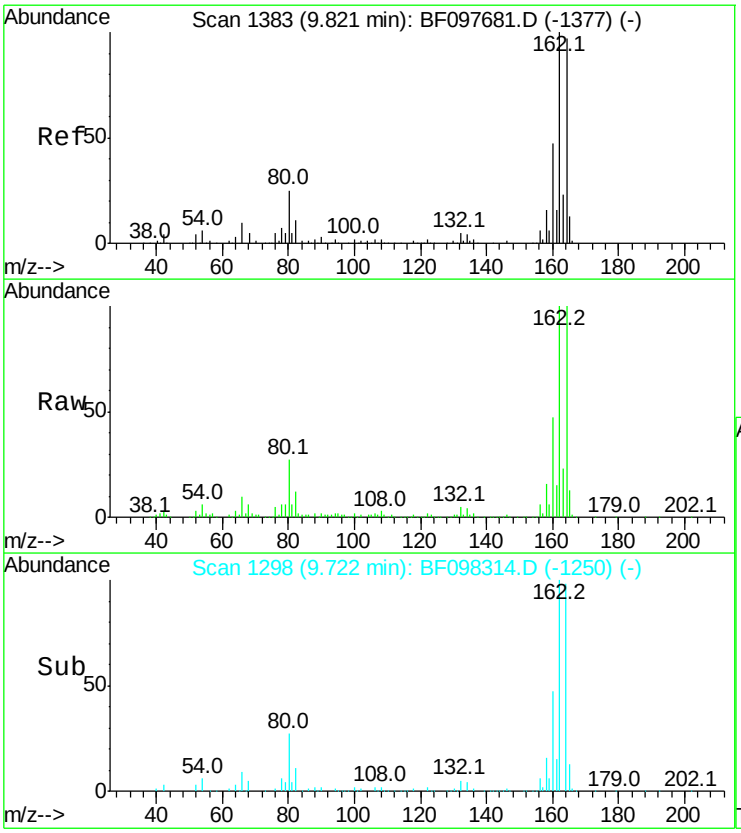
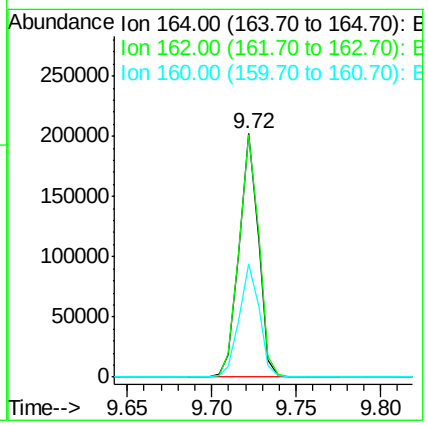
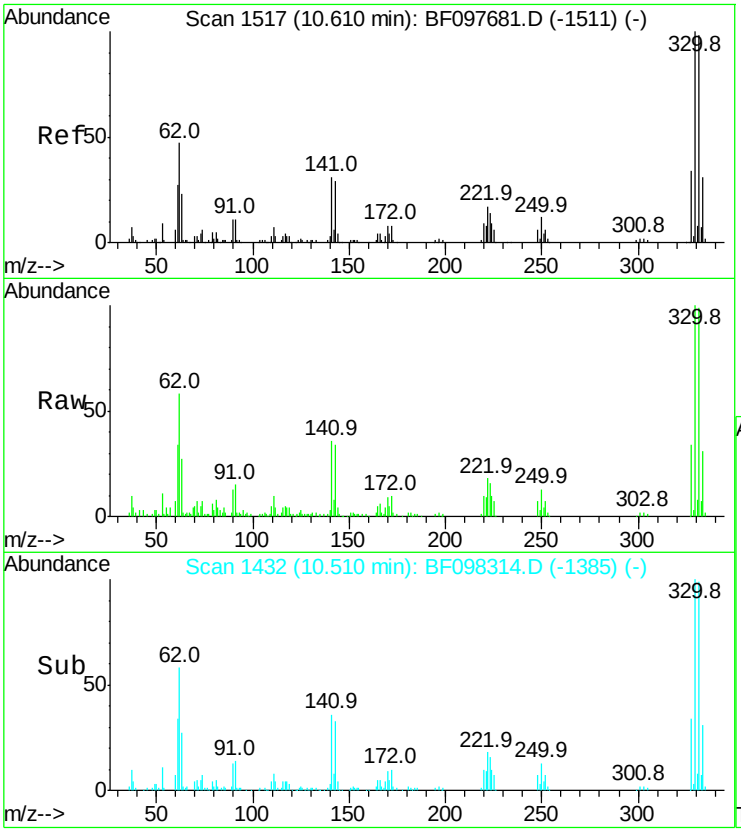


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:164 Resp: 160687

Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.6	123.8
160	46.6	36.2	54.2

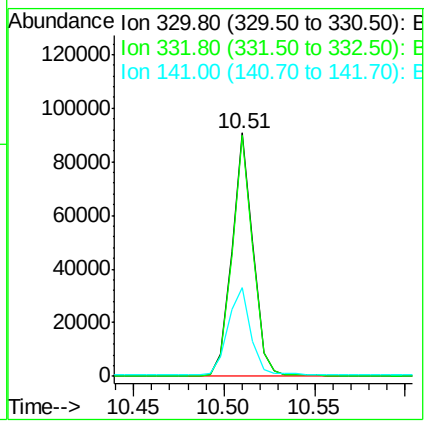




#41
2,4,6-Tribromophenol
Concen: 53.219 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:330 Resp: 74199

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	38.3	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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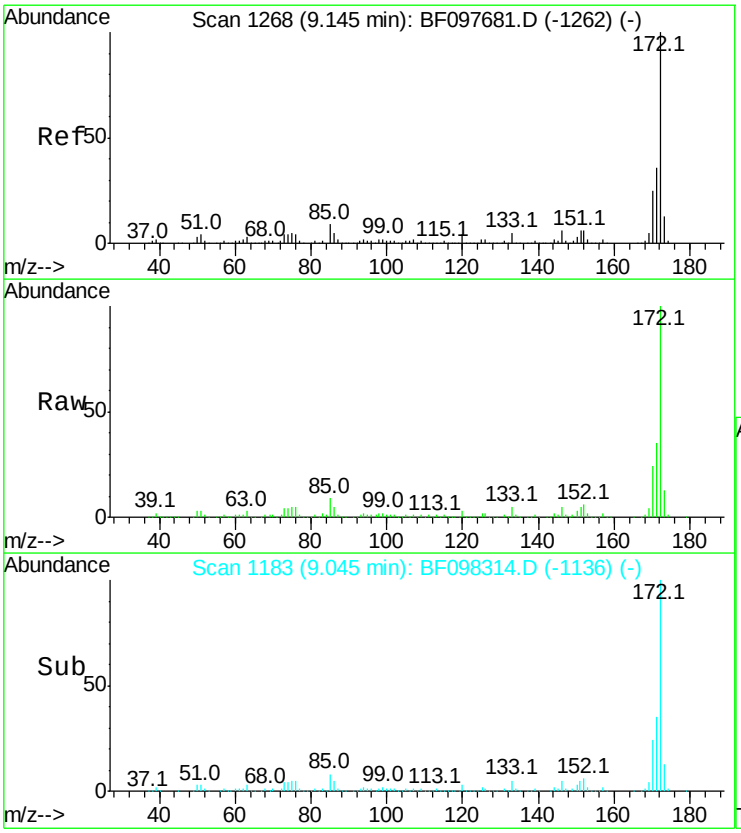
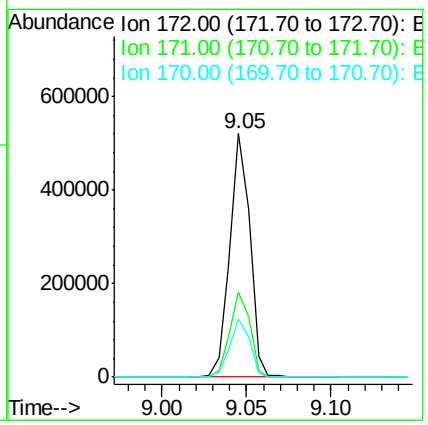
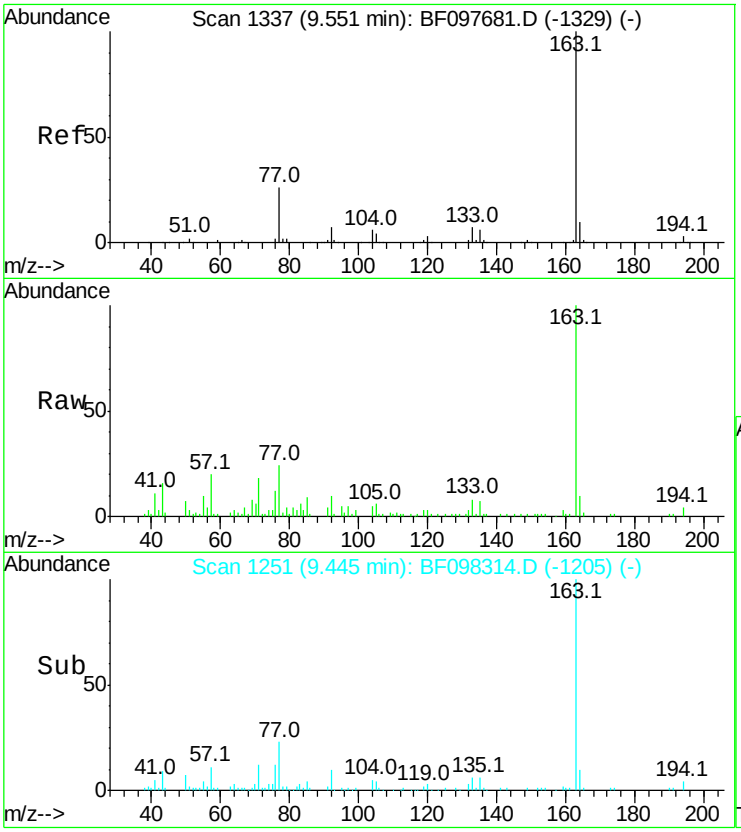


#44
2-Fluorobiphenyl
Concen: 39.111 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:172 Resp: 427756

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	23.9	19.8	29.8

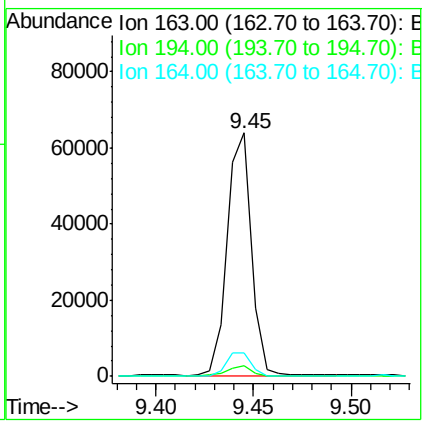




#49
Dimethylphthalate
Concen: 4.745 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:163 Resp: 55738

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	4.0#
164	9.8	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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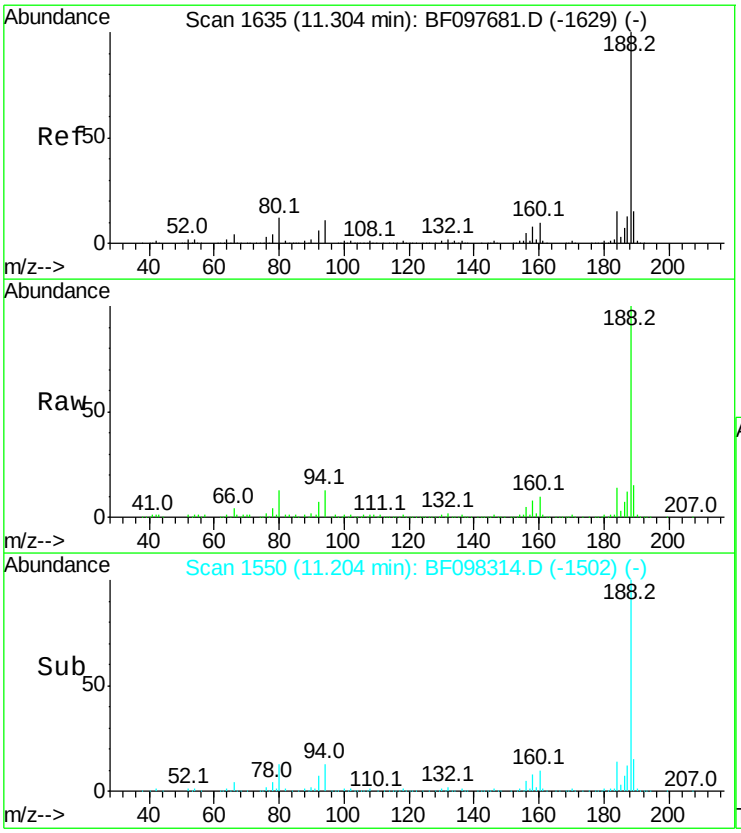
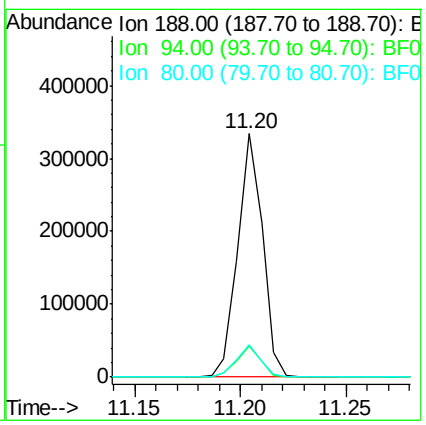
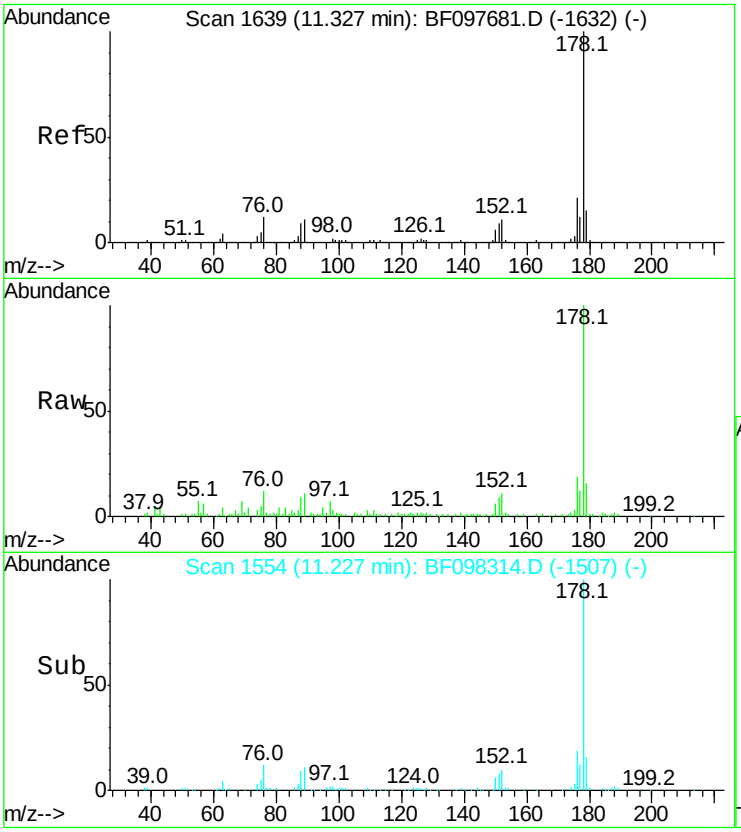


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:188 Resp: 271744

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.4	14.2
80	13.1	10.2	15.2

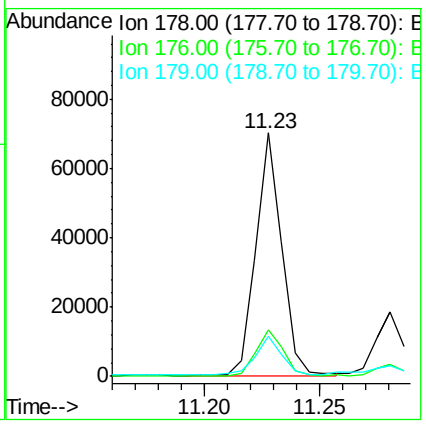




#70
Phenanthrene
Concen: 3.868 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:178 Resp: 56017

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	16.3	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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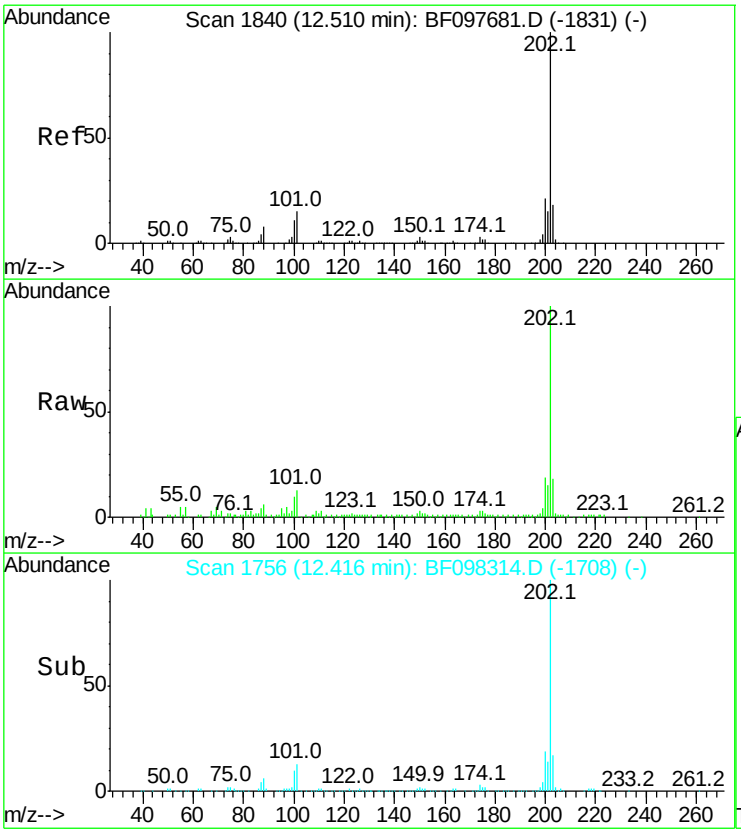
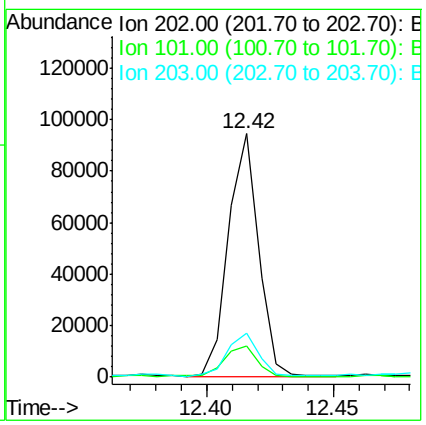
9/8/2017 5:45:08 PM

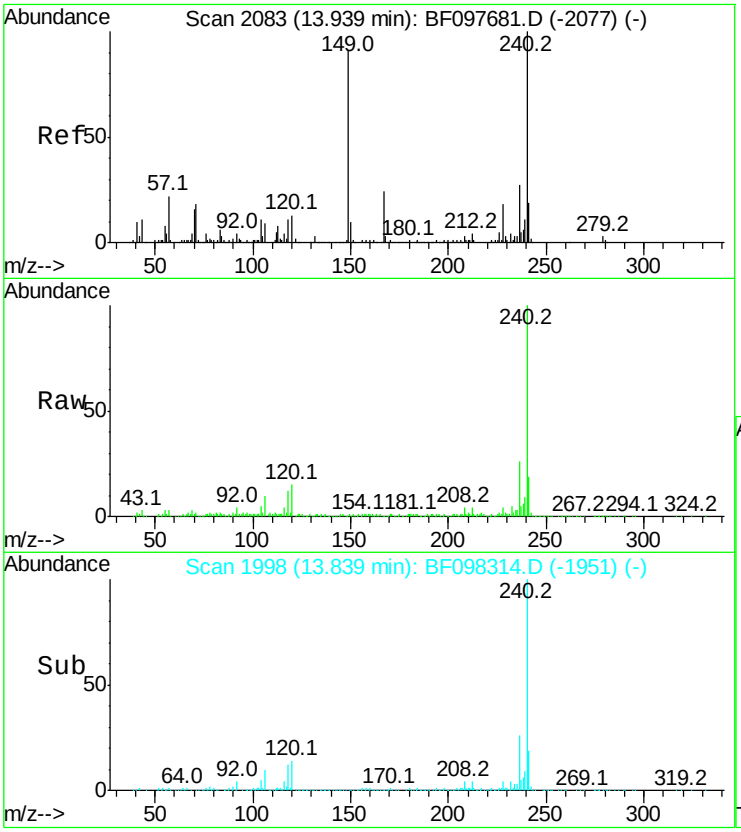


#74
Fluoranthene
Concen: 5.152 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:202 Resp: 77875

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.9	0.0	38.1

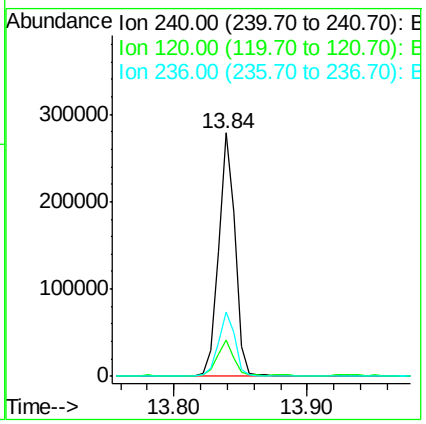




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:240 Resp: 241320

Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	26.2	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
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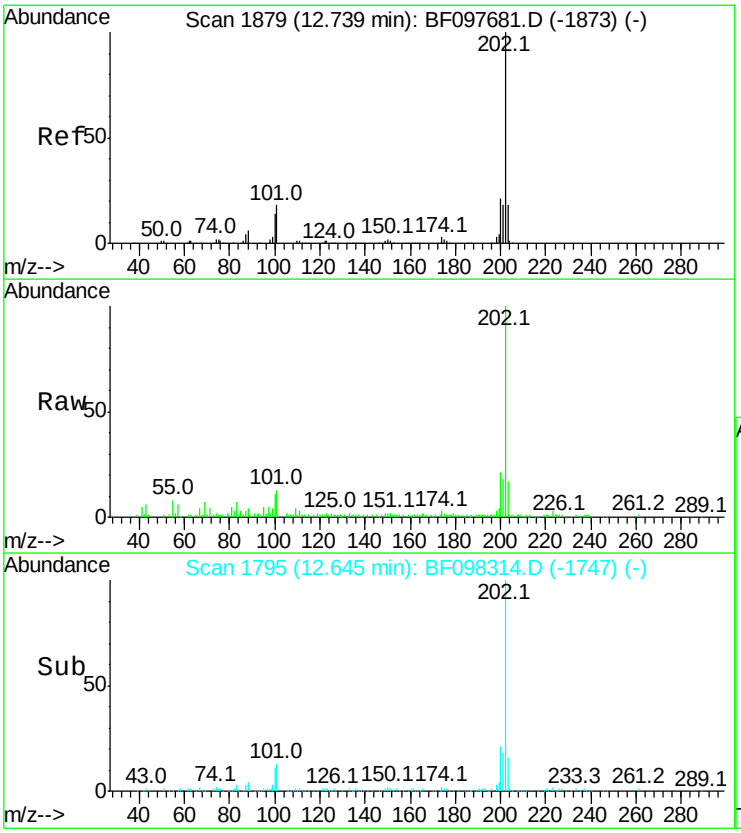
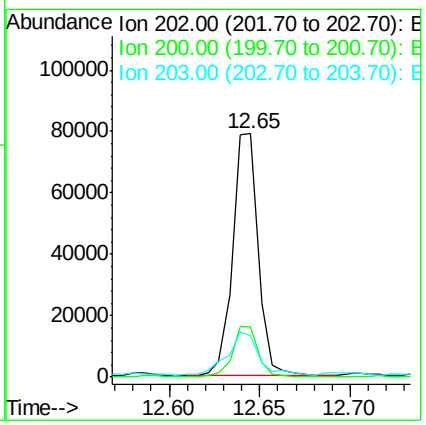
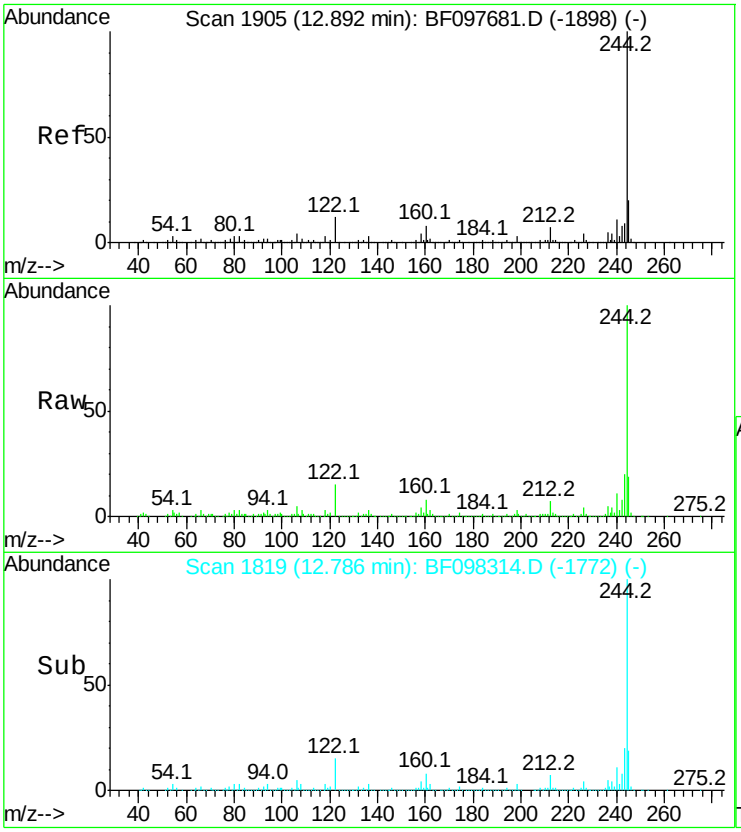


#77
Pyrene
Concen: 3.953 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:202 Resp: 78012

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.1	14.4	21.6

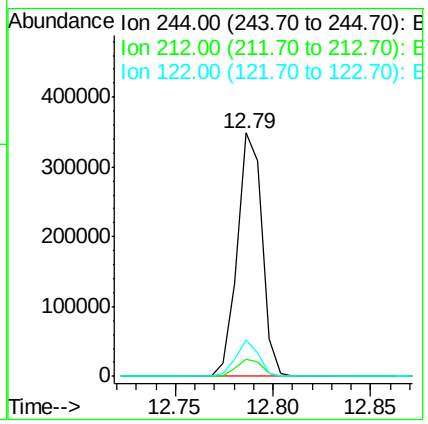




#78
Terphenyl-d14
Concen: 26.556 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

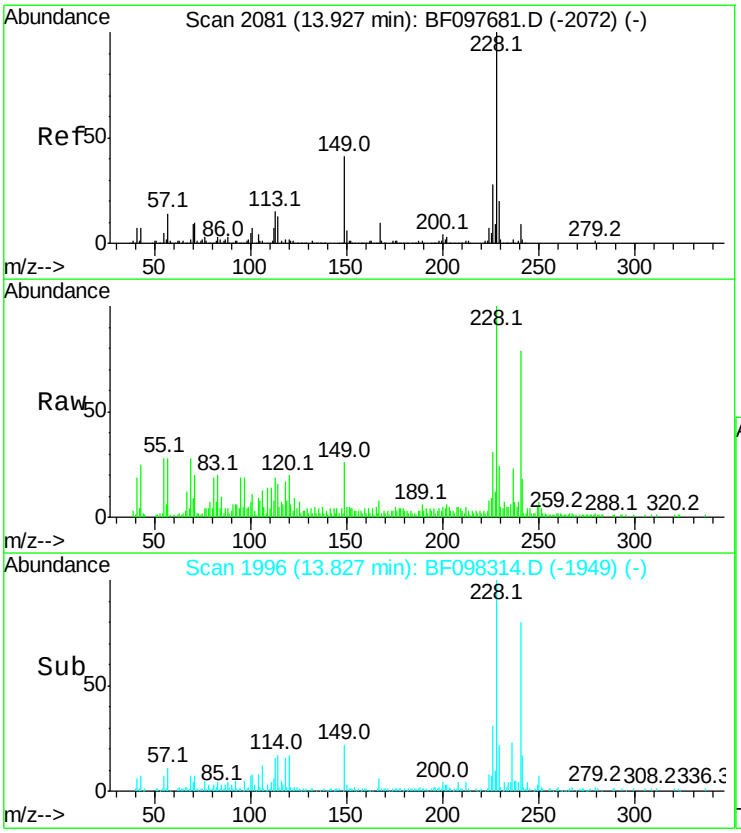
Tgt Ion:244 Resp: 307307

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.8	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
VNJ-221

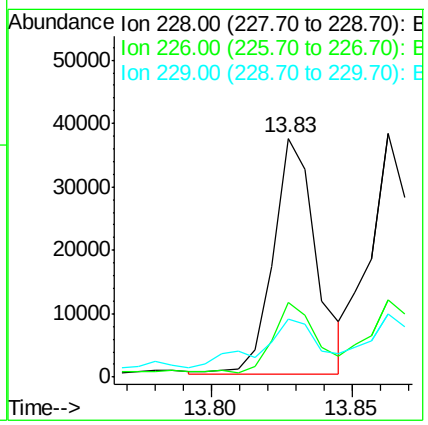
Manual Integrations APPROVED
Sohil
9/8/2017 5:45:08 PM

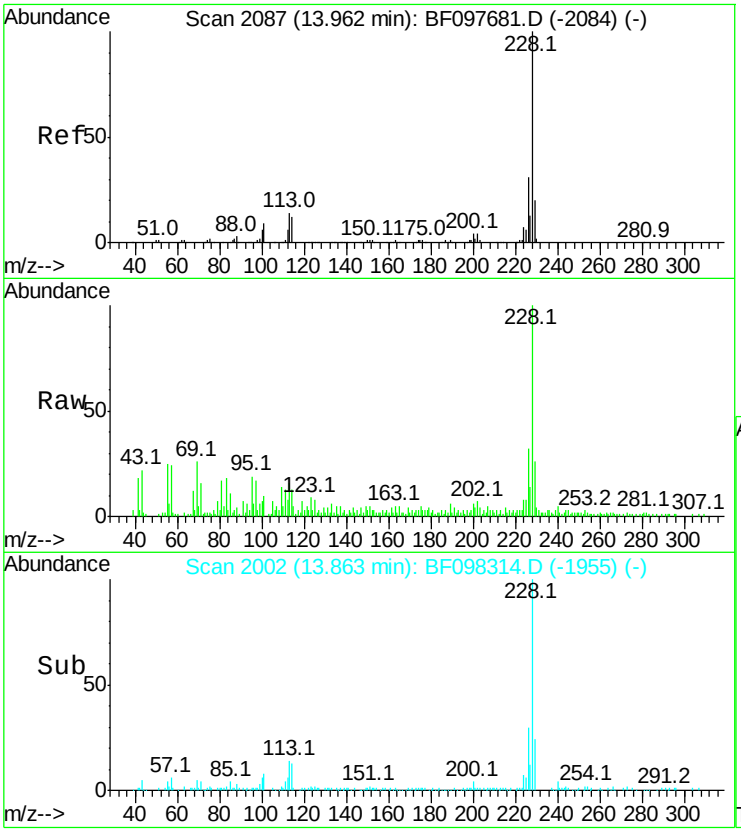


#80
Benzo(a)anthracene
Concen: 2.724 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:228 Resp: 39394

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	33.8
229	24.2	16.3	24.5

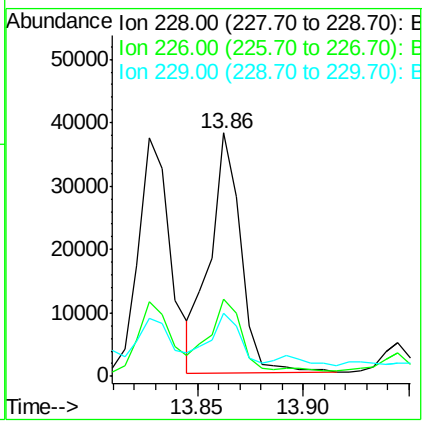




#82
Chrysene
Concen: 2.671 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:228 Resp: 38423

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	25.7	15.8	23.6#



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
Sohil
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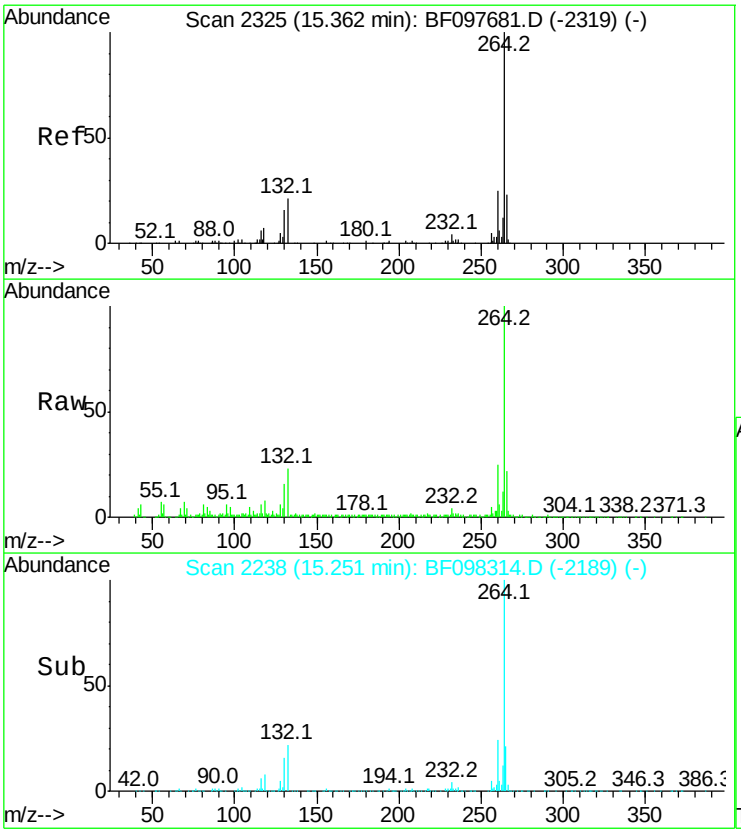
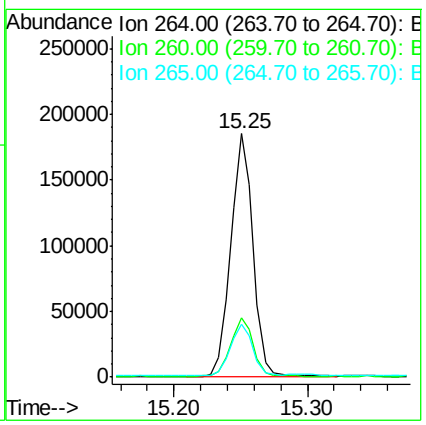
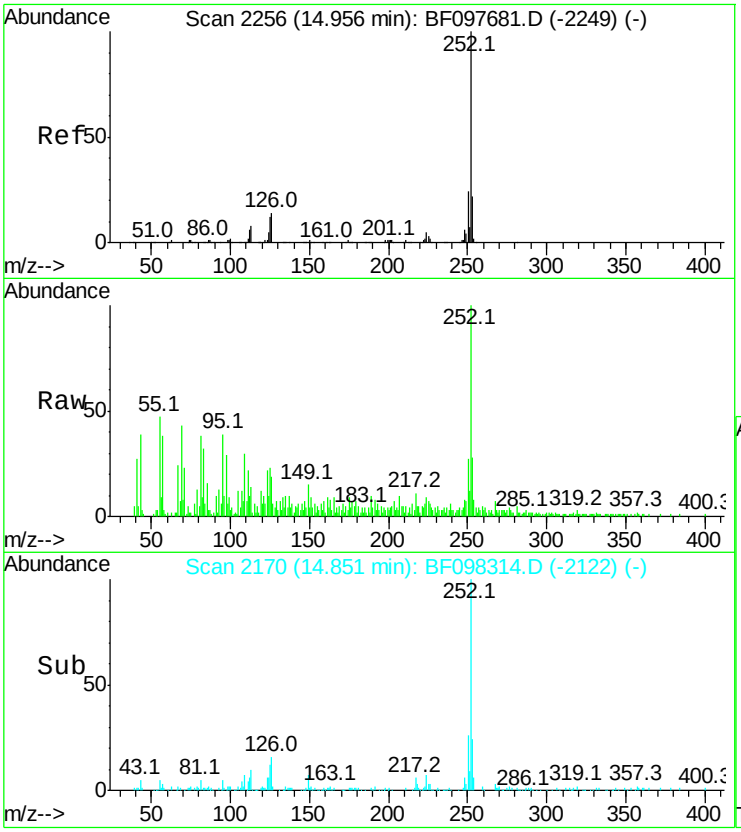


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:264 Resp: 214129

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.0	17.2	25.8

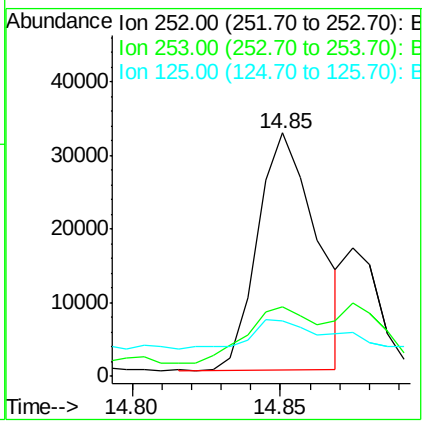




#87
Benzo(b)fluoranthene
Concen: 3.321 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

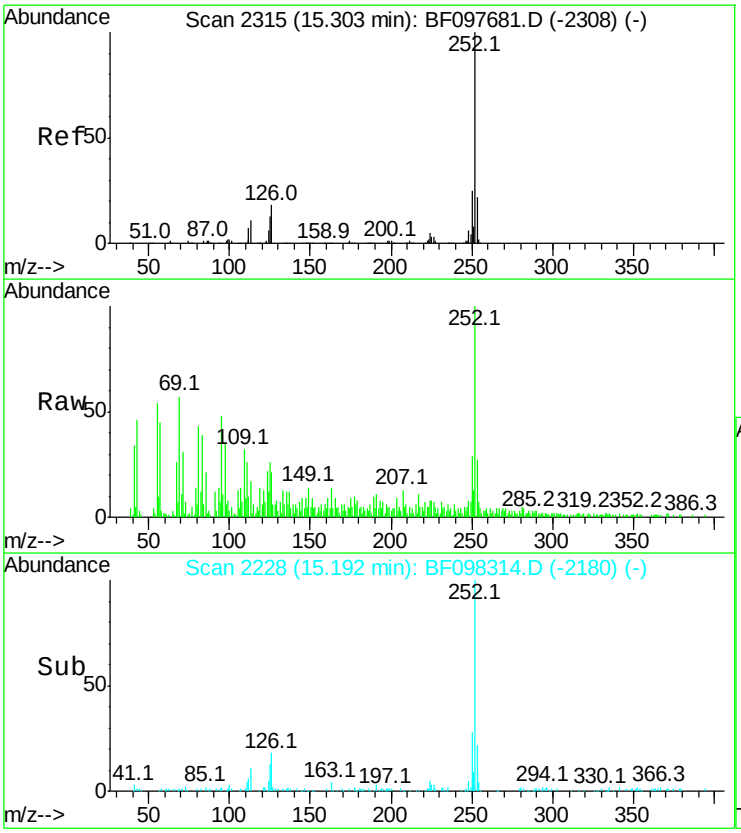
Tgt Ion:252 Resp: 44823

Ion	Ratio	Lower	Upper
252	100		
253	28.3	18.1	27.1#
125	23.0	9.8	14.8#



Instrument :
BNA_F
ClientSampleId :
VNJ-221

Manual Integrations APPROVED
Sohil
9/8/2017 5:45:08 PM



#89
Benzo(a)pyrene
Concen: 2.586 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF098314.D
Acq: 7 Sep 2017 15:29

Tgt Ion:252 Resp: 30900

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.5	26.3#
125	26.1	11.0	16.4#