Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083549.D
Acq On : 7 Dec 2015 8:18
Operator : UM/IZ
Sample : G4594-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K204-14-15

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:33:40 PM

Quant Time: Dec 07 10:30:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	149595	20.00	ng		-0.03
21) Naphthalene-d8	7.63	136	554938	20.00	ng		-0.05
38) Acenaphthene-d10	10.43	164	258763	20.00	ng		-0.03
63) Phenanthrene-d10	12.82	188	414469	20.00	ng		-0.03
75) Chrysene-d12	17.01	240	304213	20.00	ng		-0.03
86) Perylene-d12	18.65	264	249808	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.02	112	1386283	140.59	ng		-0.01
7) Phenol-d6	5.30	99	1888828	139.03	ng		-0.02
23) Nitrobenzene-d5	6.57	82	1171638	98.69	ng		-0.03
41) 2,4,6-Tribromophenol	11.72	330	312545	130.94	ng		-0.03
44) 2-Fluorobiphenyl	9.38	172	1346366	70.57	ng		-0.05
78) Terphenyl-d14	15.46	244	986301	72.14	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	10.06	163	541488	26.59	ng		99
74) Fluoranthene	14.79	202	129829	5.43	ng		98
77) Pyrene	15.14	202	184107	8.09	ng		98
80) Benzo(a)anthracene	17.00	228	87998m	4.94	ng		
82) Chrysene	17.05	228	82301	4.64	ng		99
85) Indeno(1,2,3-cd)pyrene	19.89	276	32408	2.13	ng	#	100
87) Benzo(b)fluoranthene	18.27	252	91364	6.51	ng	#	86
89) Benzo(a)pyrene	18.59	252	82294	6.03	ng	#	87
91) Benzo(g,h,i)perylene	20.25	276	45182	3.41	ng	#	88

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083549.D
Acq On : 7 Dec 2015 8:18
Operator : UM/IZ
Sample : G4594-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 07 10:30:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
K204-14-15

Manual Integrations APPROVED
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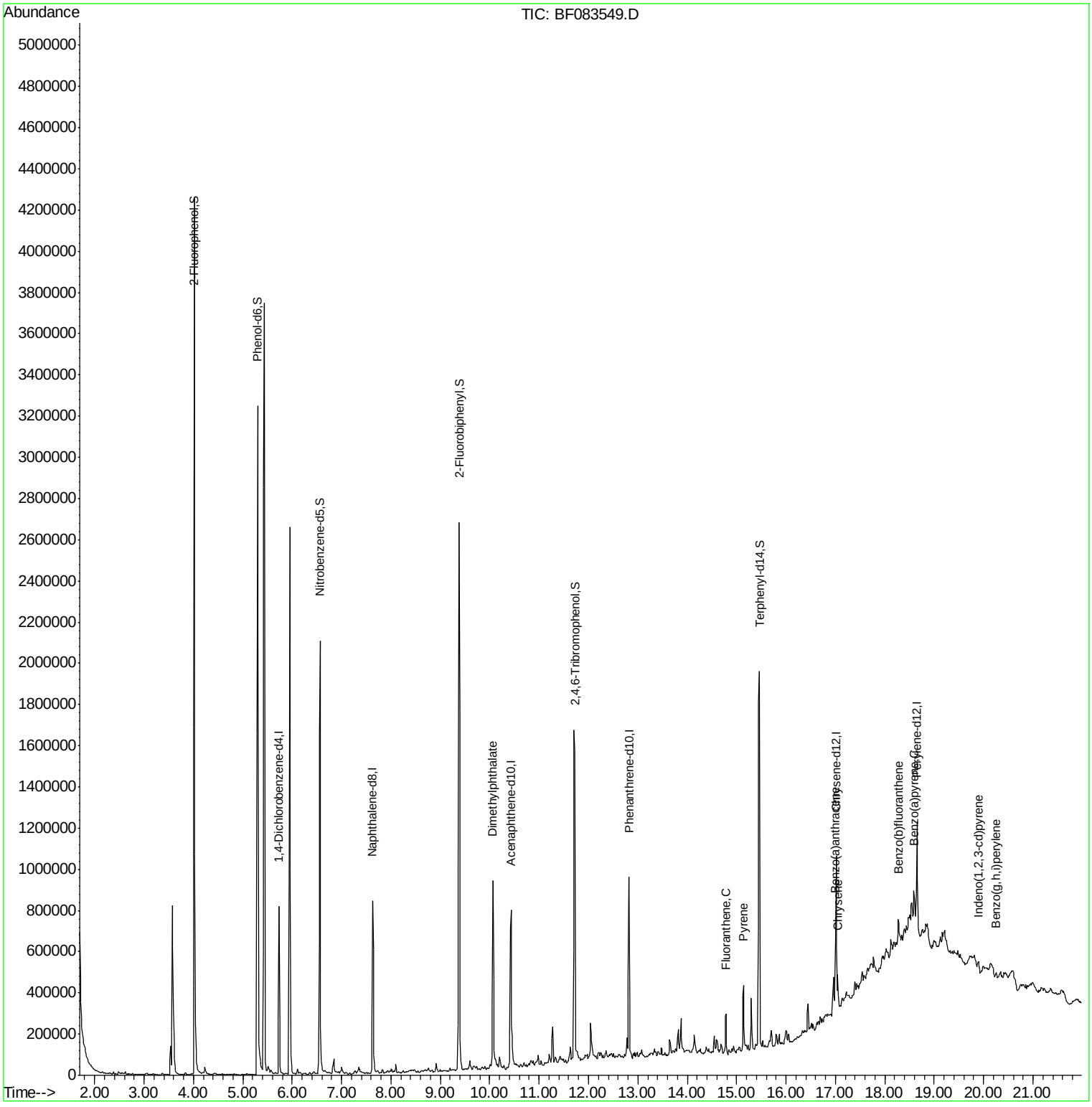
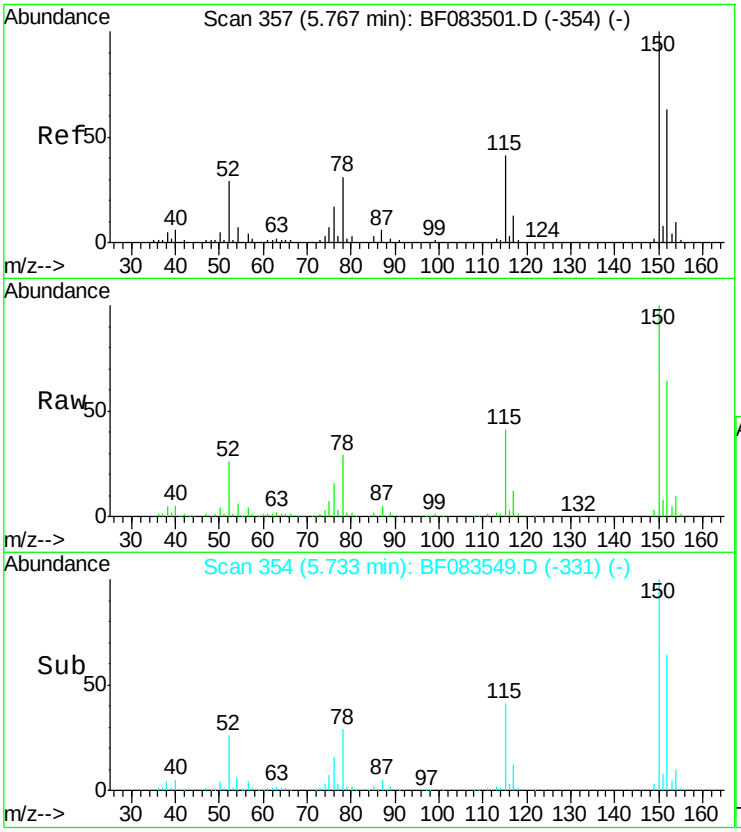
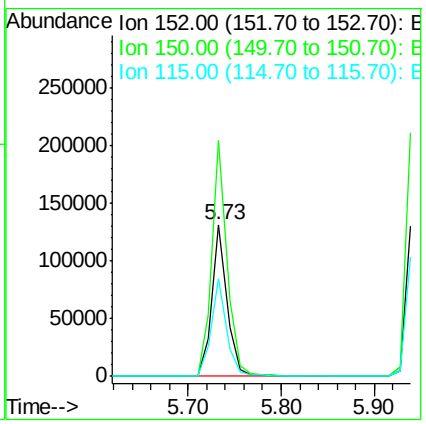




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:152 Resp: 149595

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.5	189.7
115	64.2	52.3	78.5



Instrument :
BNA_F
ClientSampleId :
K204-14-15

Manual Integrations APPROVED
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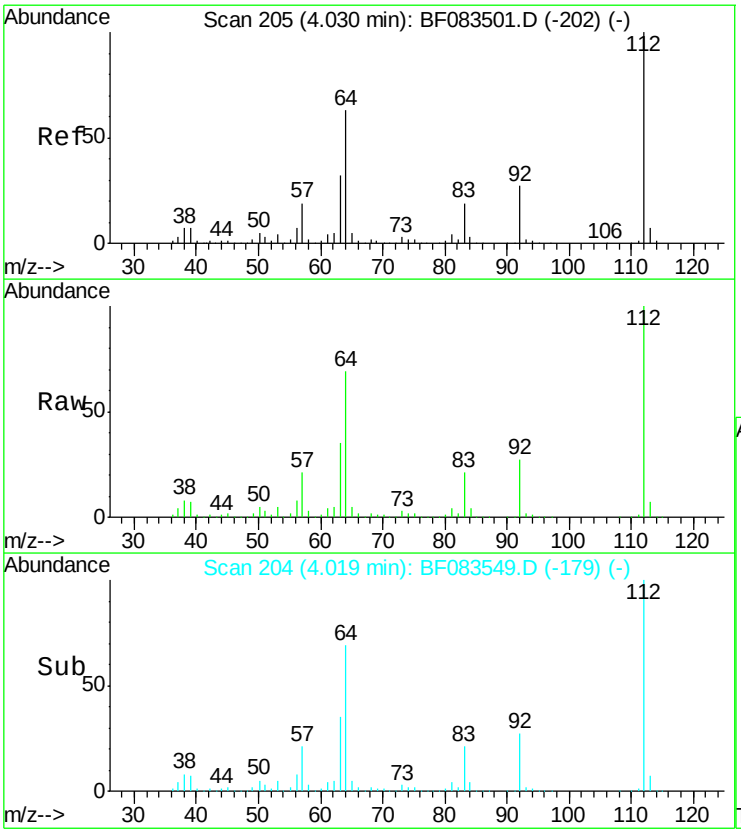
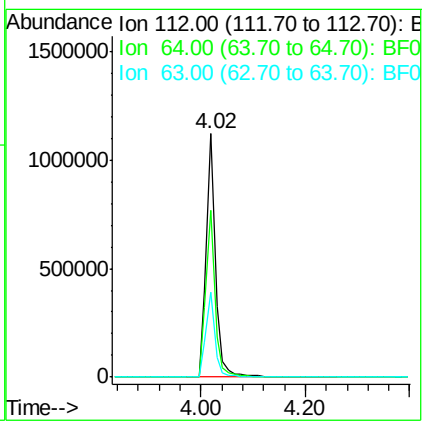
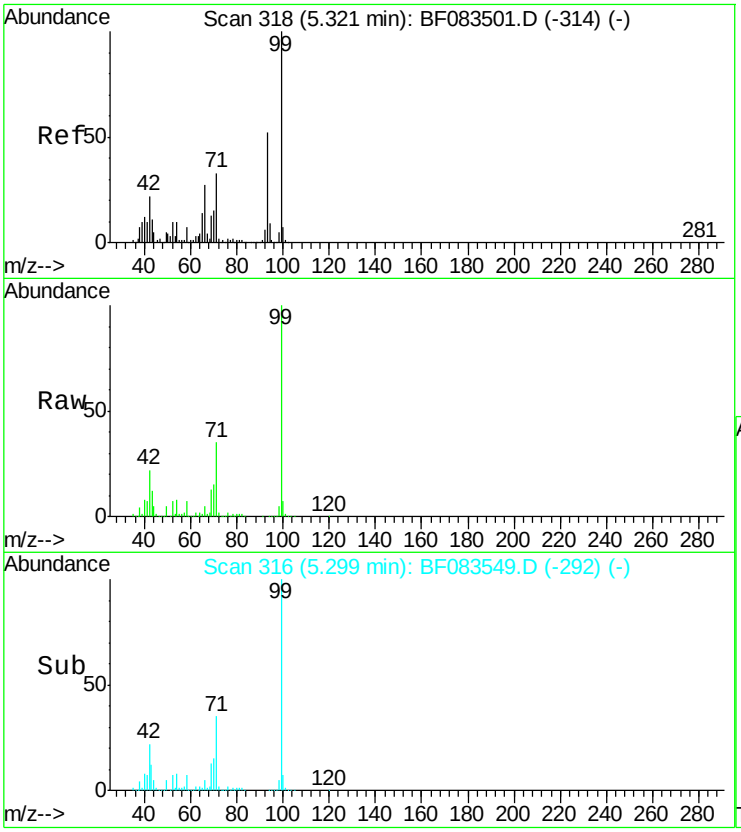


#5
2-Fluorophenol
Concen: 140.59 ng
RT: 4.02 min Scan# 204
Delta R.T. -0.01 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:112 Resp: 1386283

Ion	Ratio	Lower	Upper
112	100		
64	68.8	50.5	75.7
63	34.6	25.8	38.6

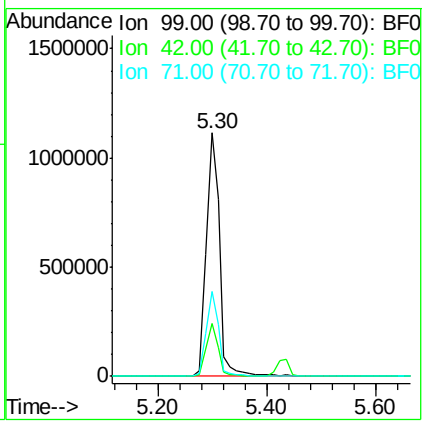




#7
Phenol-d6
Concen: 139.03 ng
RT: 5.30 min Scan# 316
Delta R.T. -0.02 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion: 99 Resp: 1888828

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.3	25.9
71	34.7	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
K204-14-15

Manual Integrations APPROVED
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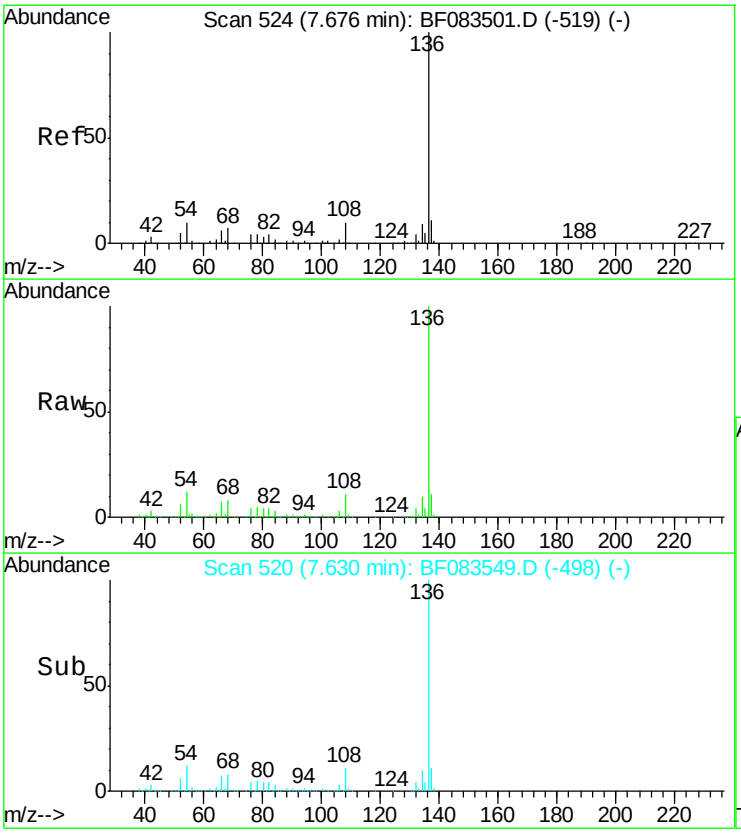
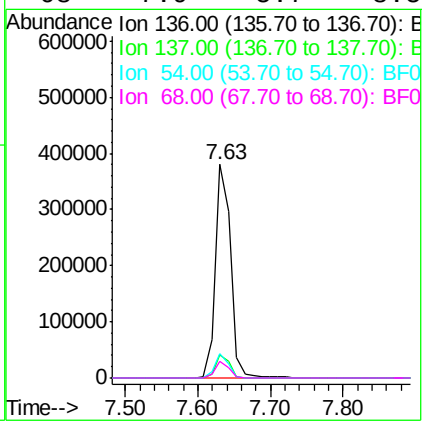
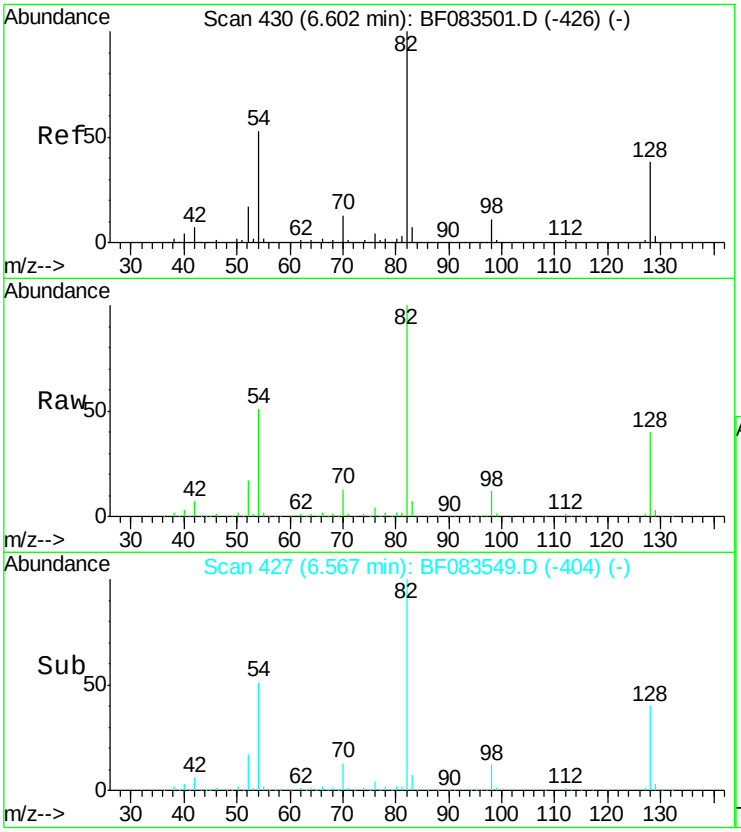


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:136 Resp: 554938

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.7	7.8	11.6#
68	7.9	5.7	8.5

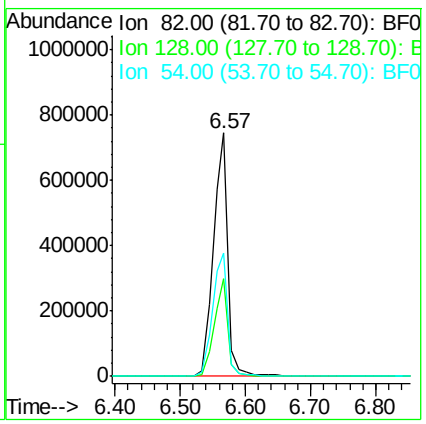




#23
Nitrobenzene-d5
Concen: 98.69 ng
RT: 6.57 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion: 82 Resp: 1171638

Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.7	46.1
54	50.8	42.5	63.7



Instrument :
BNA_F
ClientSampleId :
K204-14-15

Manual Integrations APPROVED
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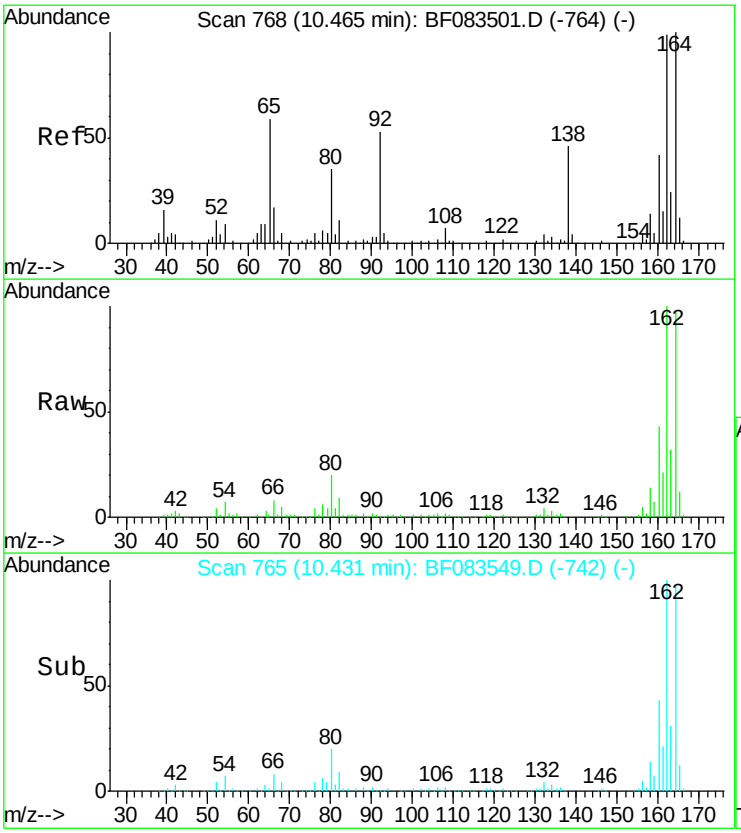
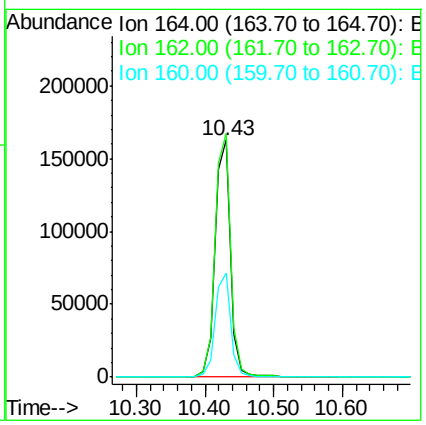
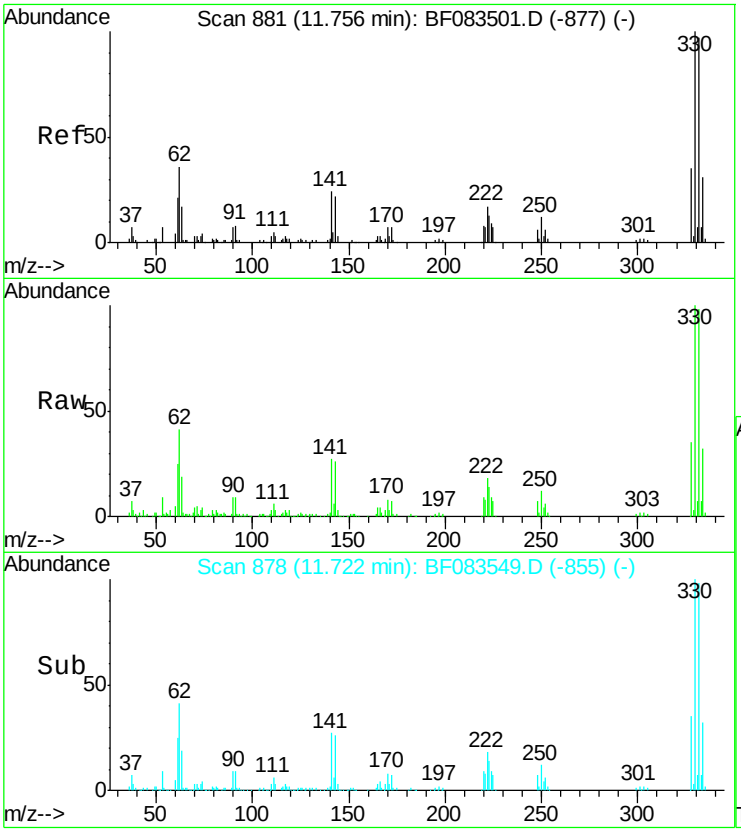


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:164 Resp: 258763

Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	44.2	33.4	50.2

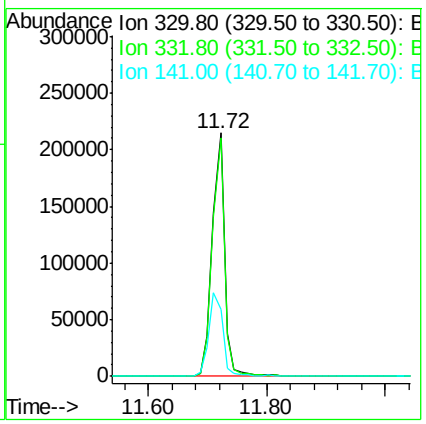




#41
2,4,6-Tribromophenol
Concen: 130.94 ng
RT: 11.72 min Scan# 878
Delta R.T. -0.03 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:330 Resp: 312545

Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	37.3	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
K204-14-15

Manual Integrations APPROVED
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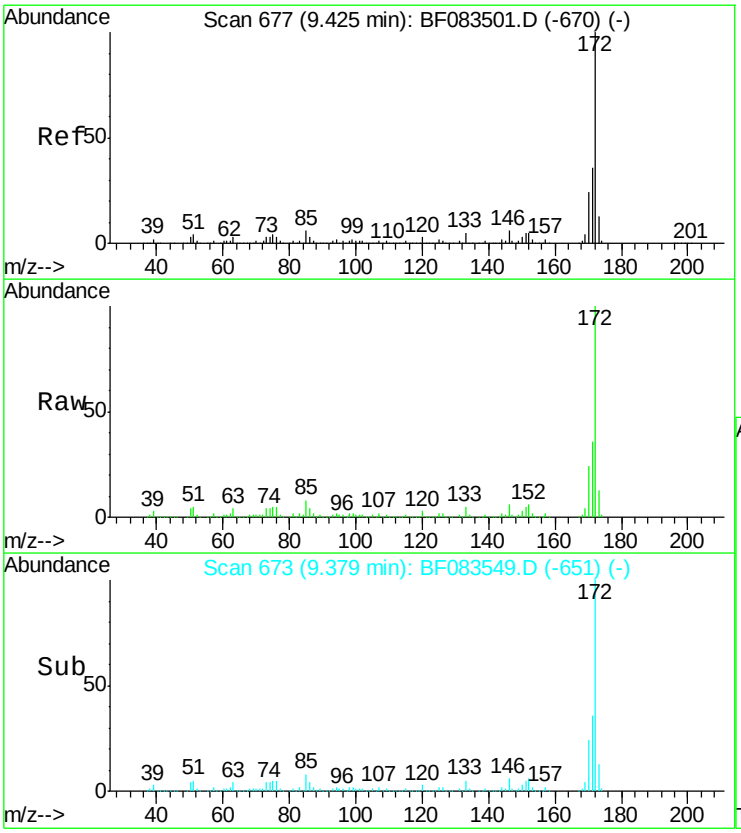
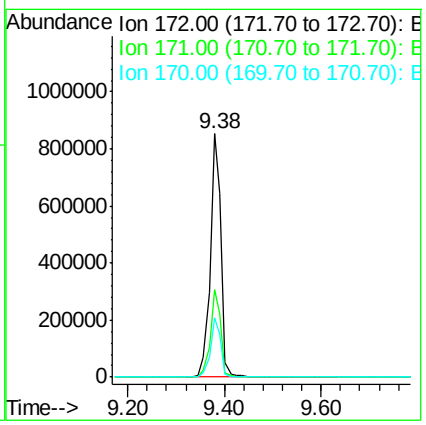
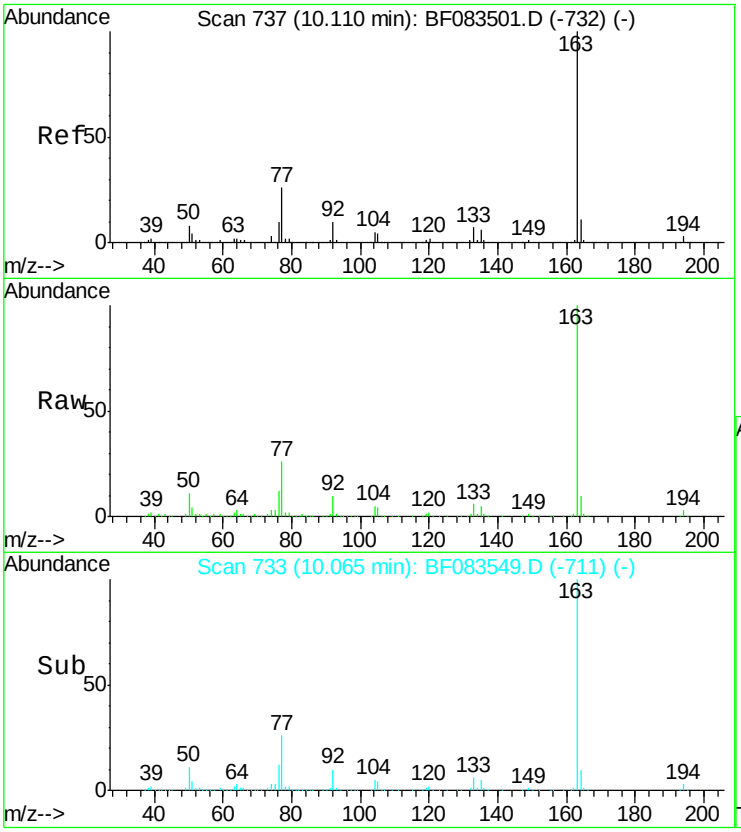


#44
2-Fluorobiphenyl
Concen: 70.57 ng
RT: 9.38 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:172 Resp: 1346366

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.1	19.4	29.0

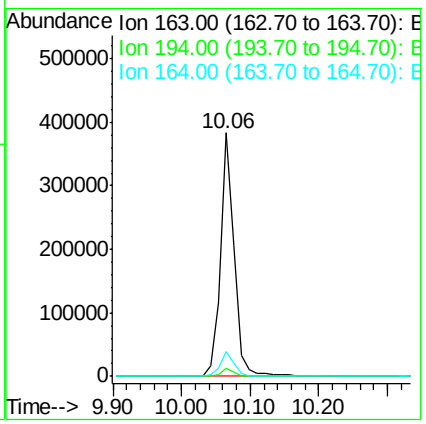




#49
Dimethylphthalate
Concen: 26.59 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:163 Resp: 541488

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.3	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
K204-14-15

Manual Integrations APPROVED
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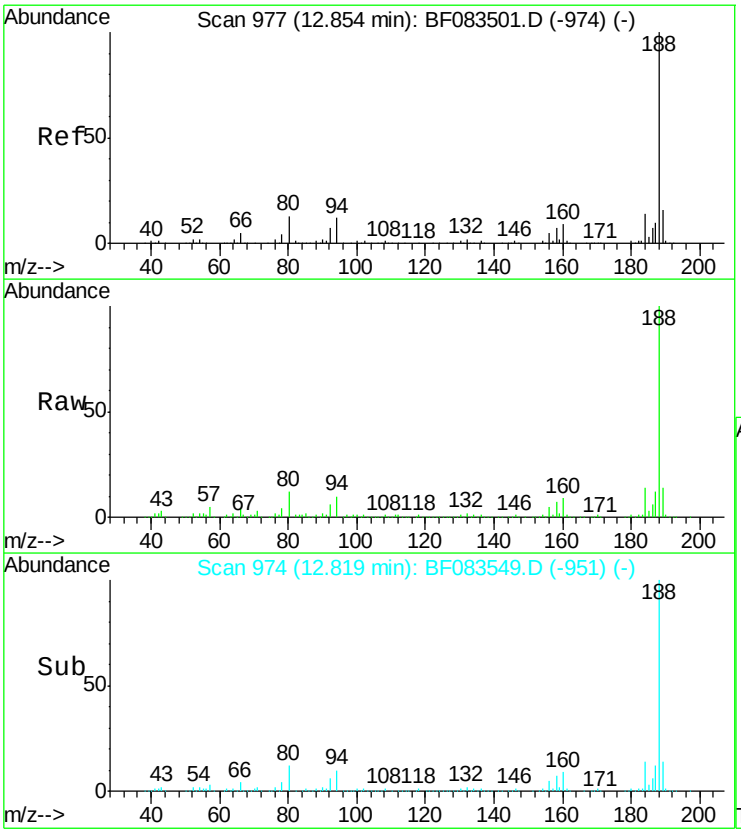
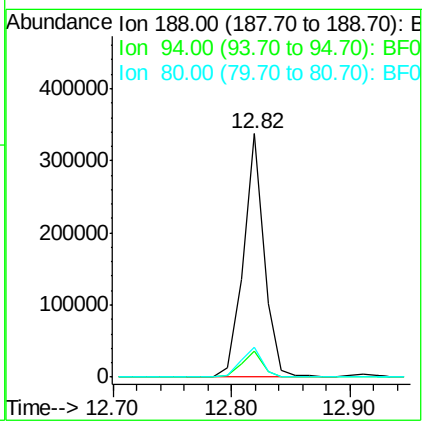
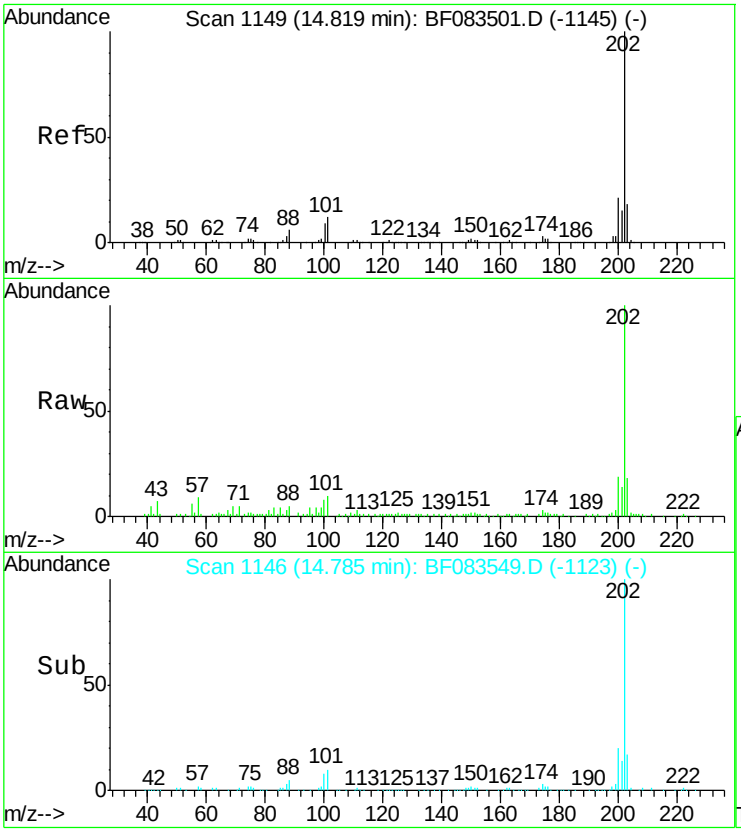


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:188 Resp: 414469

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	12.1	10.6	16.0

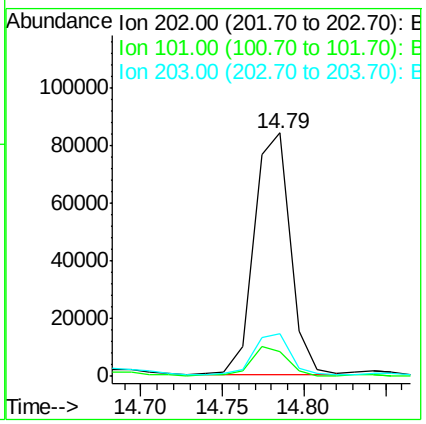




#74
Fluoranthene
Concen: 5.43 ng
RT: 14.79 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:202 Resp: 129829

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.5
203	17.7	0.0	37.6



Instrument :
BNA_F
ClientSampleId :
K204-14-15

Manual Integrations APPROVED
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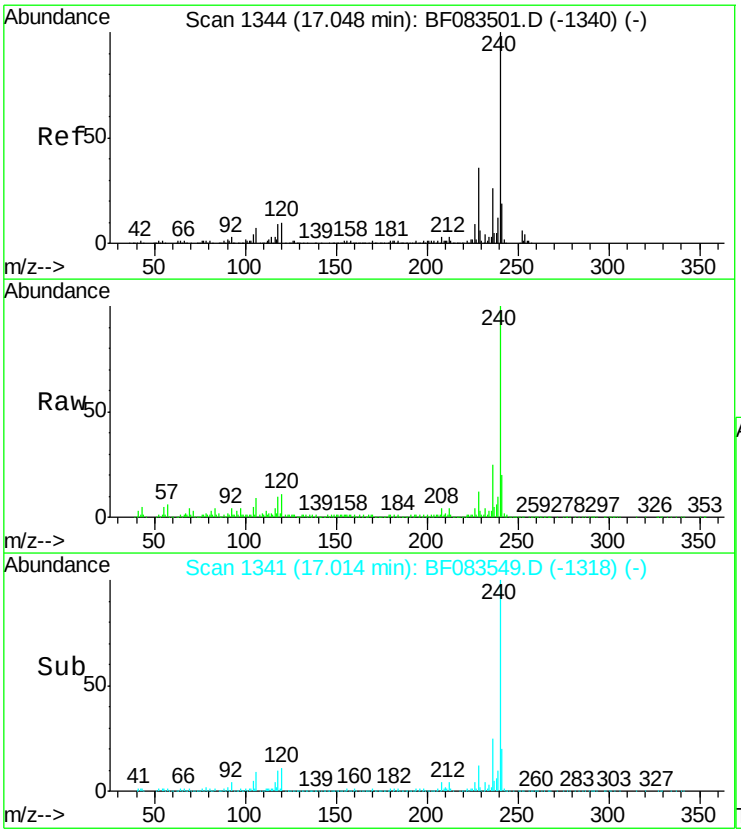
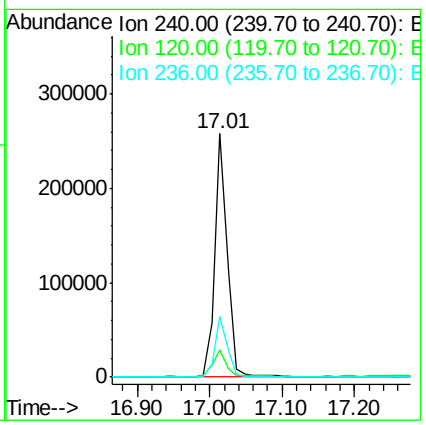
12/7/2015 6:33:40 PM

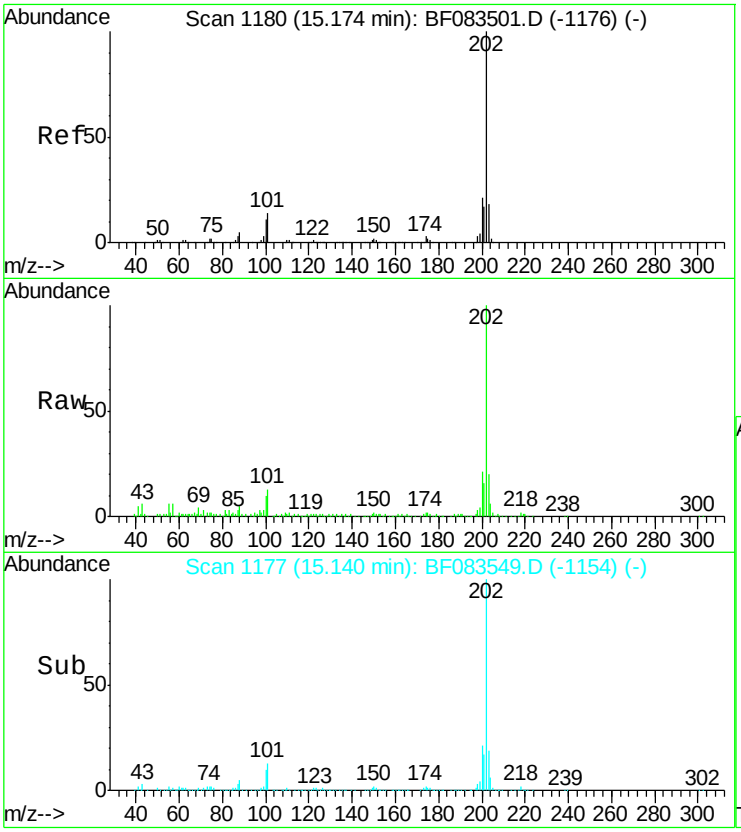


#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:240 Resp: 304213

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	25.1	20.8	31.2

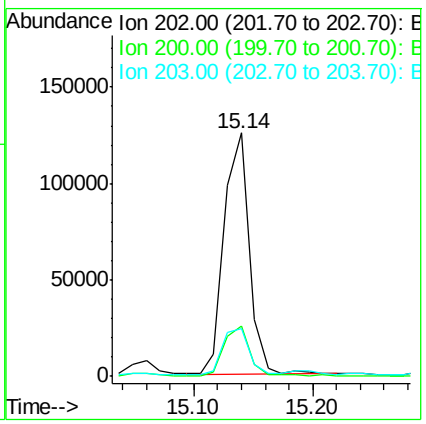




#77
Pyrene
Concen: 8.09 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:202 Resp: 184107

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	19.8	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
K204-14-15

Manual Integrations APPROVED
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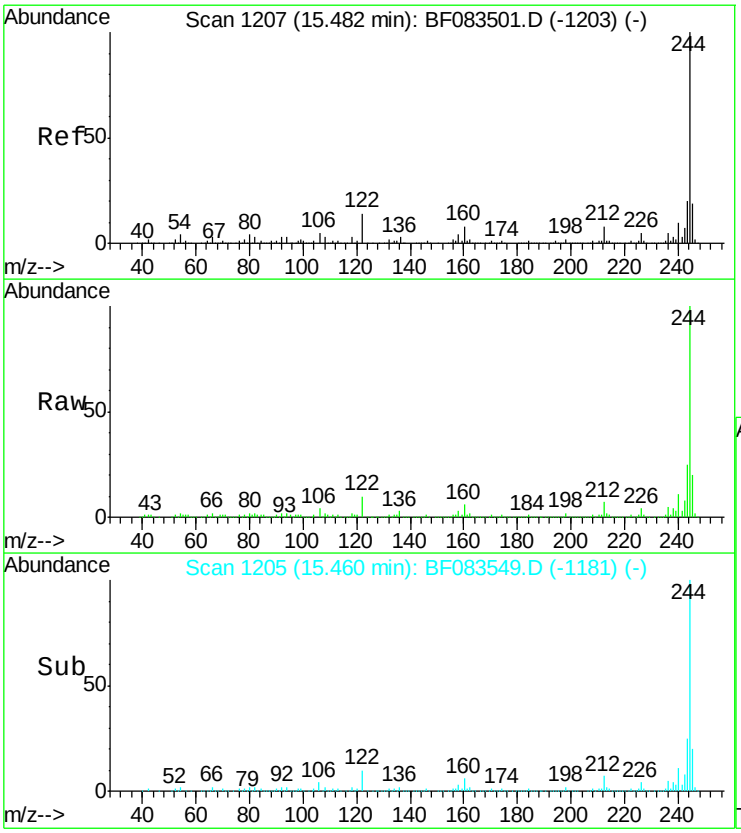
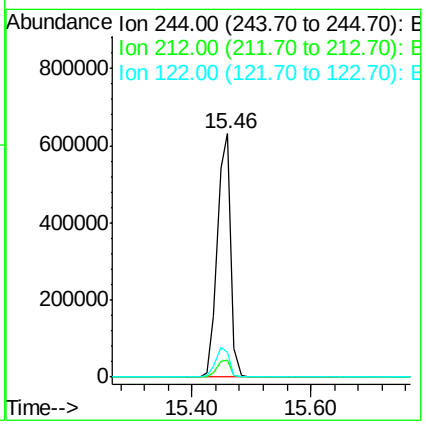
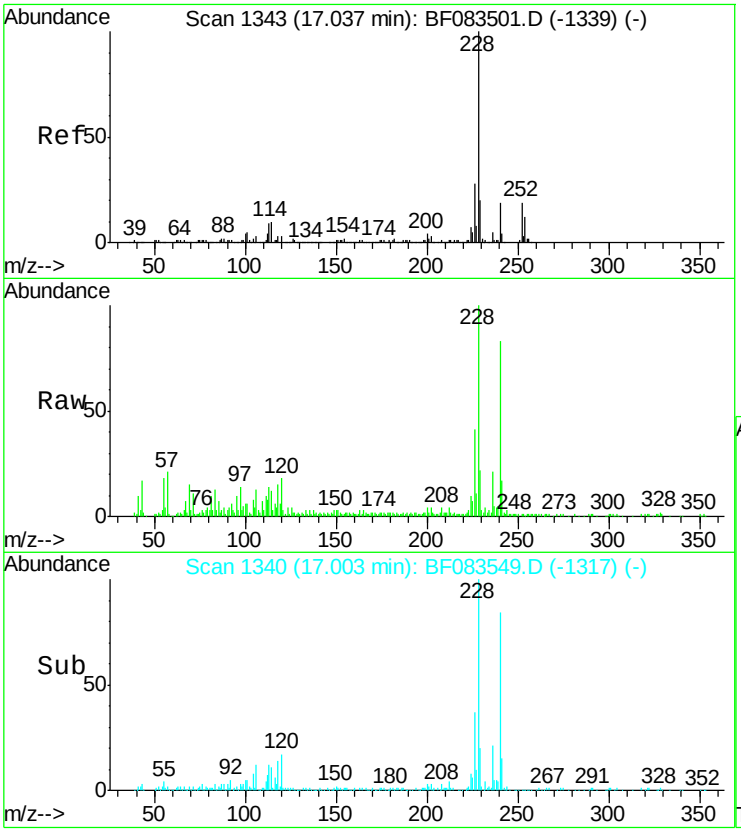


#78
Terphenyl-d14
Concen: 72.14 ng
RT: 15.46 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:244 Resp: 986301

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	10.0	11.0	16.6#

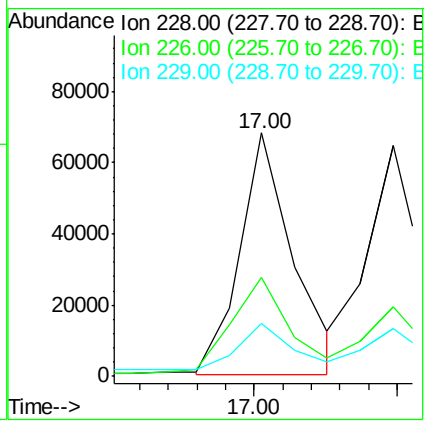




#80
Benzo(a)anthracene
Concen: 4.94 ng m
RT: 17.00 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

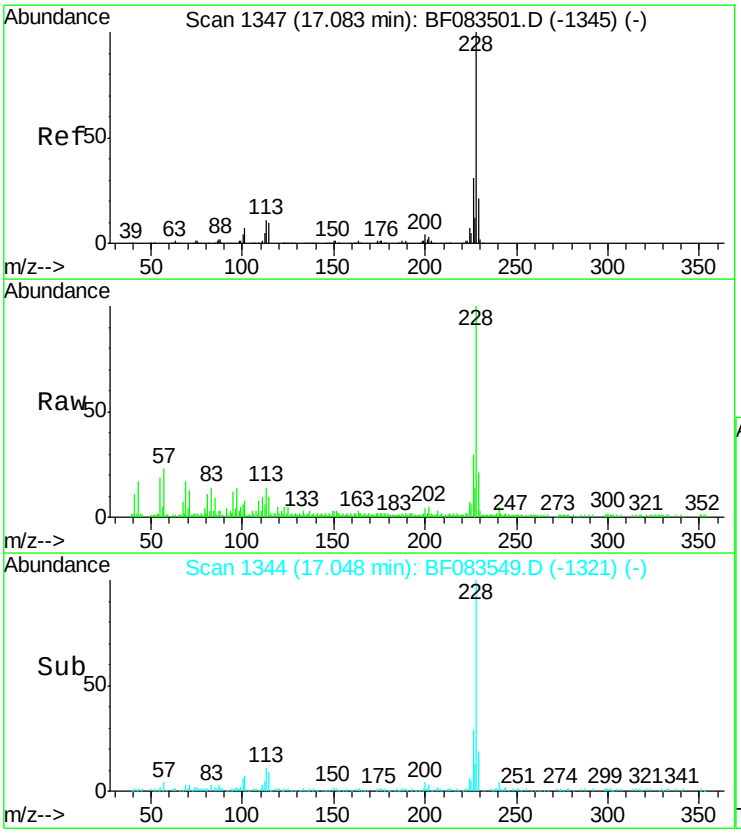
Tgt Ion:228 Resp: 87998

Ion	Ratio	Lower	Upper
228	100		
226	40.8	22.3	33.5#
229	21.9	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
K204-14-15

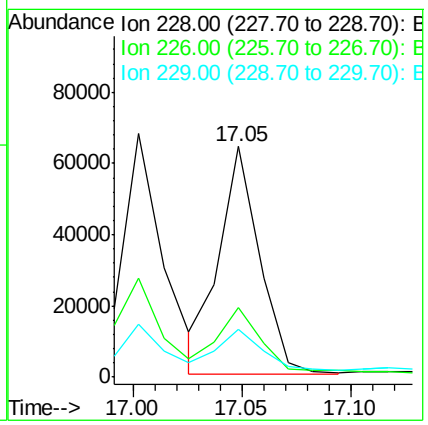
Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:33:40 PM

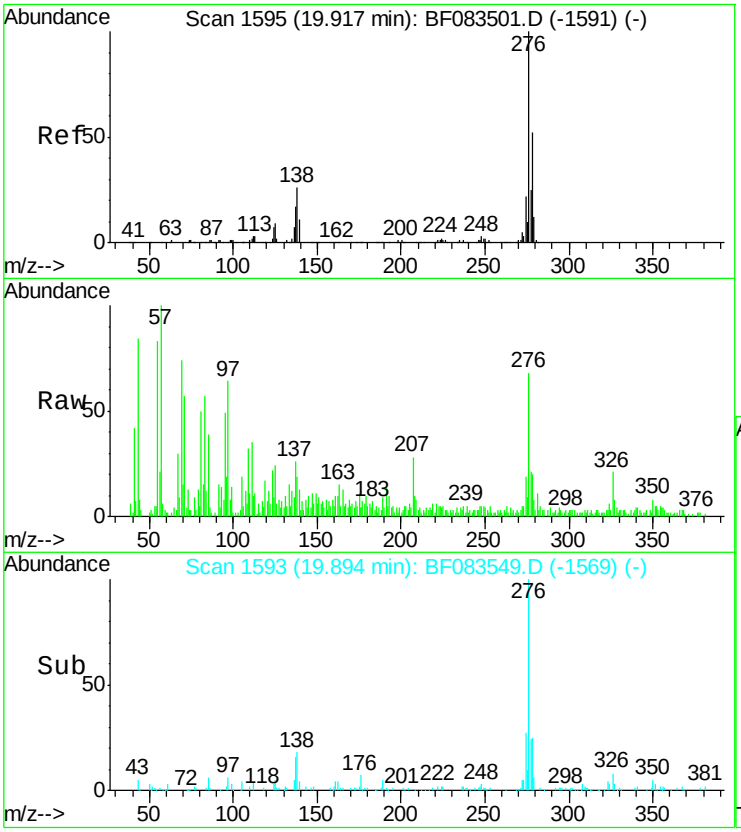


#82
Chrysene
Concen: 4.64 ng
RT: 17.05 min Scan# 1344
Delta R.T. -0.03 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:228 Resp: 82301

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	20.8	16.3	24.5

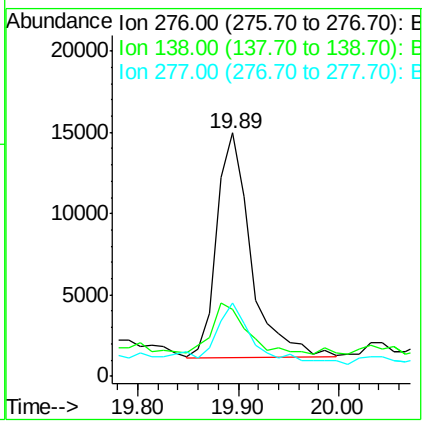




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.13 ng
RT: 19.89 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:276 Resp: 32408

Ion	Ratio	Lower	Upper
276	100		
138	24.4	0.0	0.0#
277	31.9	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
K204-14-15

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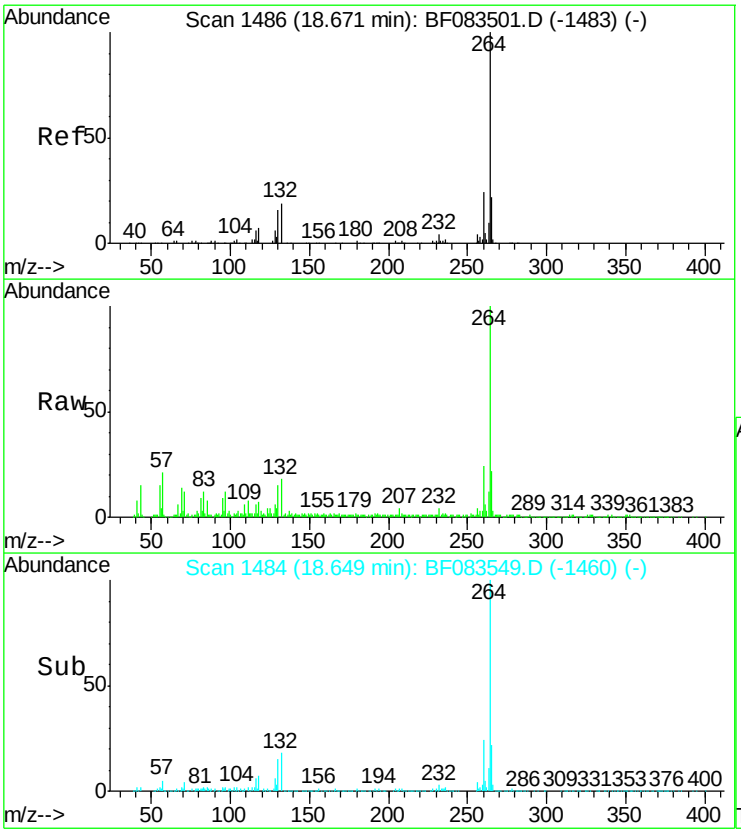
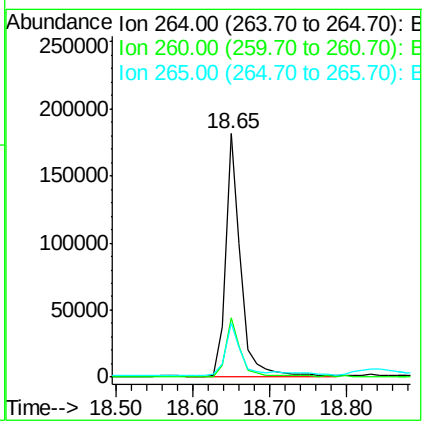
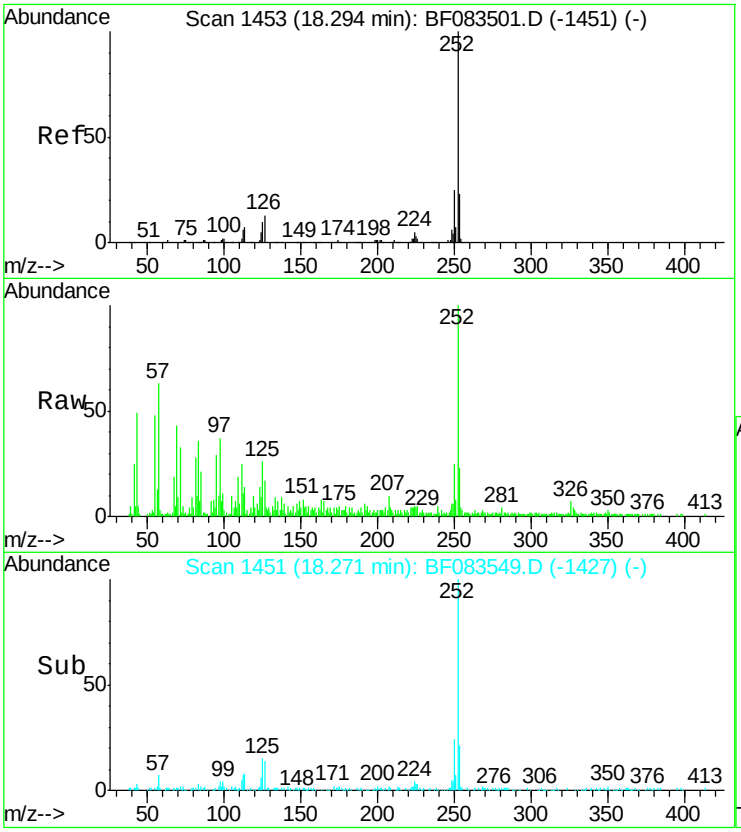


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:264 Resp: 249808

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	22.4	17.8	26.6





#87
Benzo(b)fluoranthene
Concen: 6.51 ng
RT: 18.27 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:252 Resp: 91364

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	25.9	8.2	12.4#

Instrument :
BNA_F
ClientSampleId :
K204-14-15

Manual Integrations APPROVED
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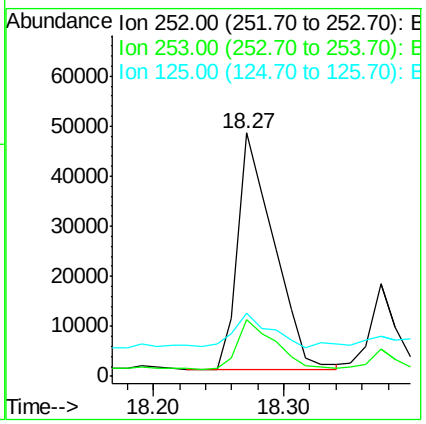
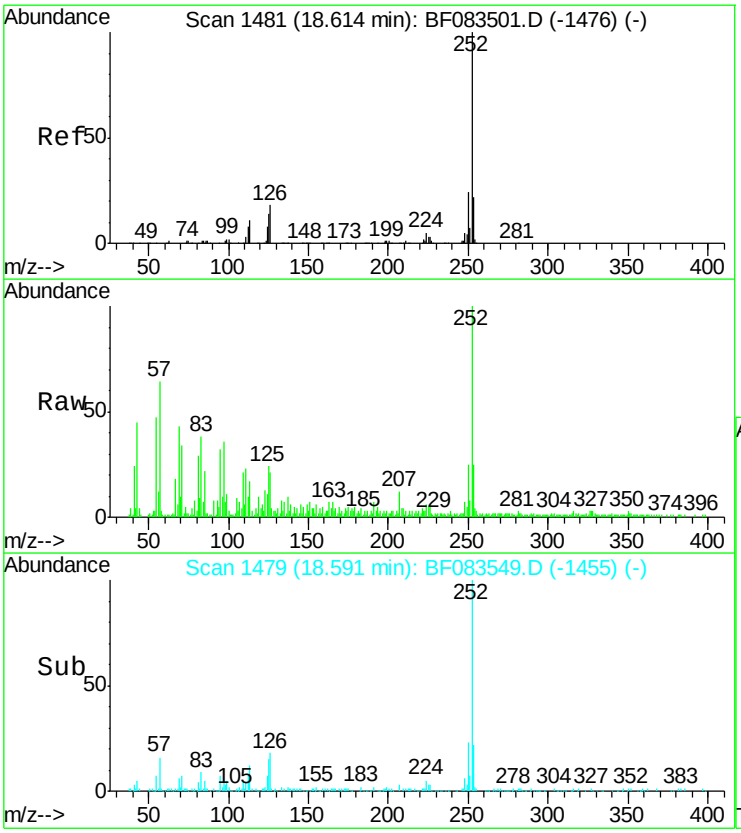
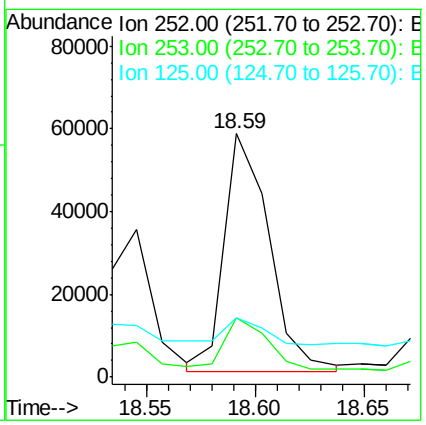


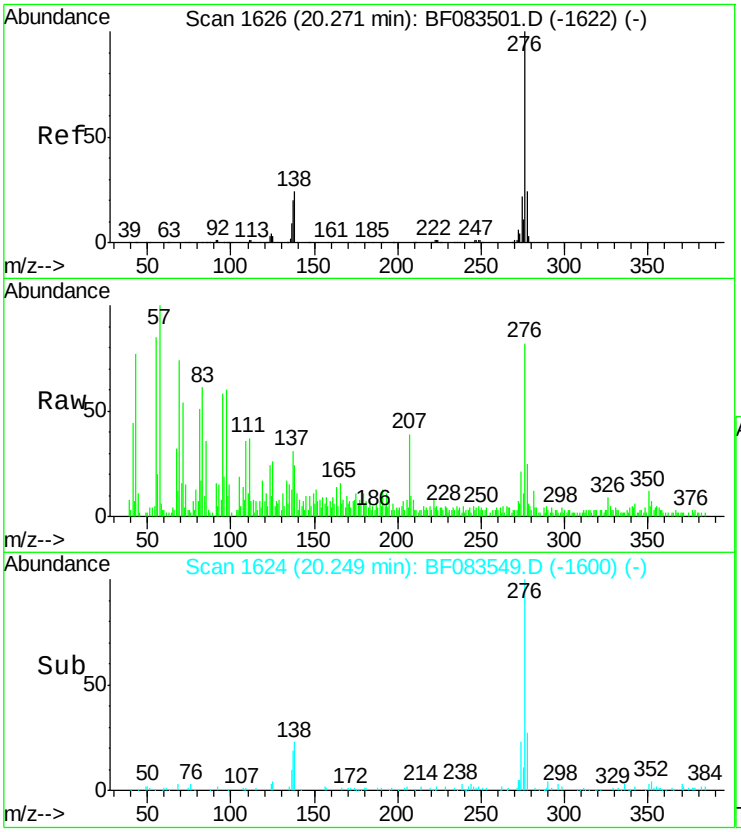


#89
Benzo(a)pyrene
Concen: 6.03 ng
RT: 18.59 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:252 Resp: 82294

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	24.2	11.0	16.6#

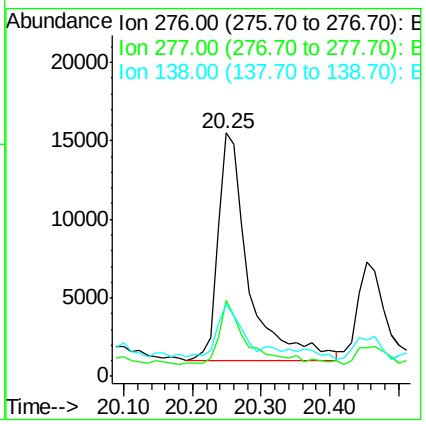




#91
Benzo(g,h,i)perylene
Concen: 3.41 ng
RT: 20.25 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BF083549.D
Acq: 7 Dec 2015 8:18

Tgt Ion:276 Resp: 45182

Ion	Ratio	Lower	Upper
276	100		
277	31.0	19.2	28.8#
138	29.7	19.5	29.3#



Instrument :
BNA_F
ClientSampleId :
K204-14-15

Manual Integrations APPROVED
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