Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091907.D
Acq On : 23 Dec 2016 6:01
Operator : UM/SJ
Sample : H6156-25
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201612

Quant Time: Dec 23 07:11:28 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	168460	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	702055	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	350326	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	501622	20.00	ng	0.00
75) Chrysene-d12	13.89	240	357250	20.00	ng	-0.01
86) Perylene-d12	15.30	264	271925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1144887	113.48	ng	0.05
7) Phenol-d6	6.44	99	1361976	110.57	ng	0.03
23) Nitrobenzene-d5	7.32	82	1168096	92.52	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	331258	114.26	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1929126	117.81	ng	0.00
78) Terphenyl-d14	12.85	244	1348997	91.58	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.06	128	3767821	117.26	ng	98
37) 2-Methylnaphthalene	8.75	142	191618	7.29	ng	98
48) Acenaphthylene	9.64	152	64775	2.22	ng	98

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

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Acq On : 23 Dec 2016 6:01
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Misc :
ALS Vial : 60 Sample Multiplier: 1

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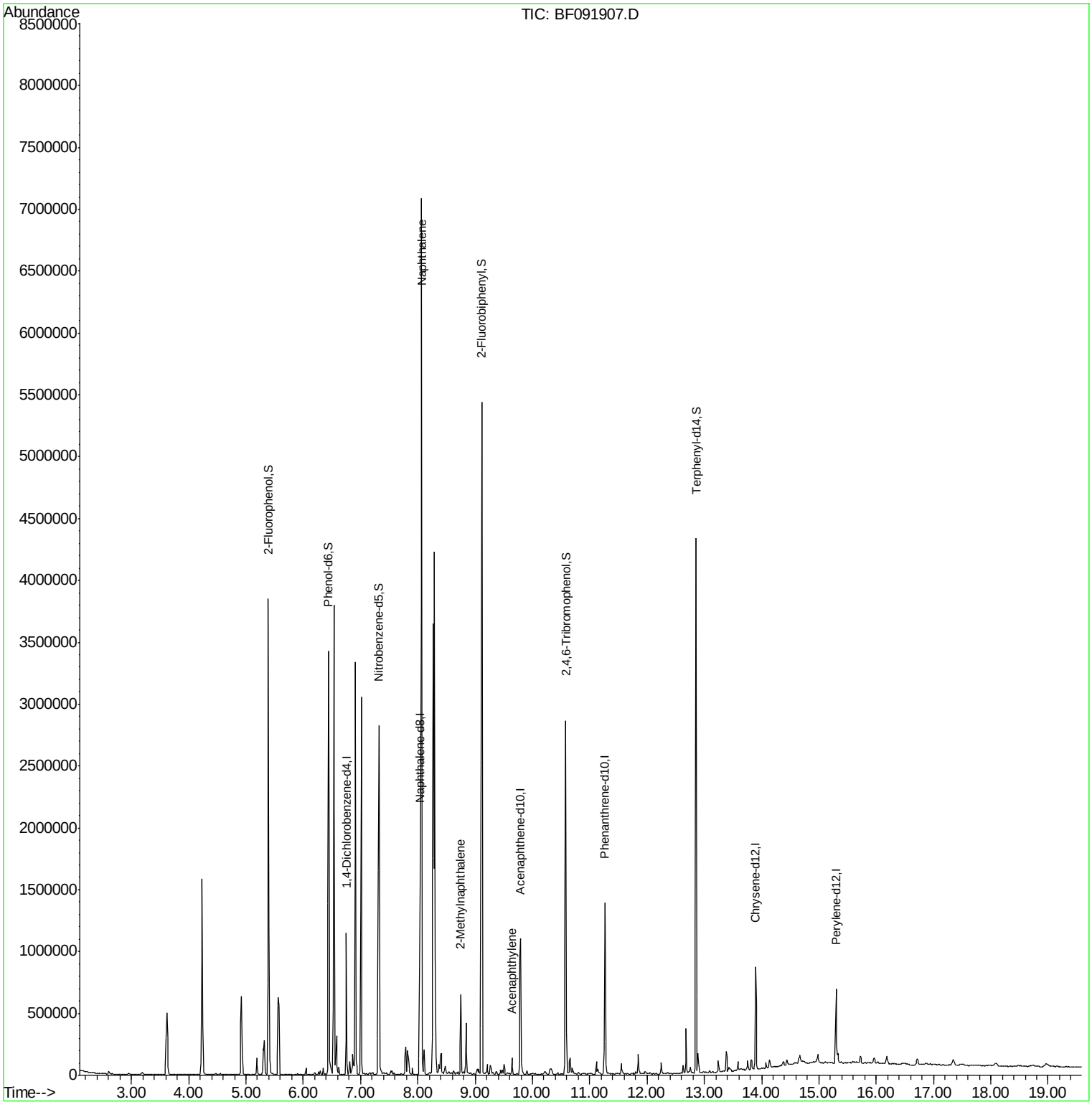
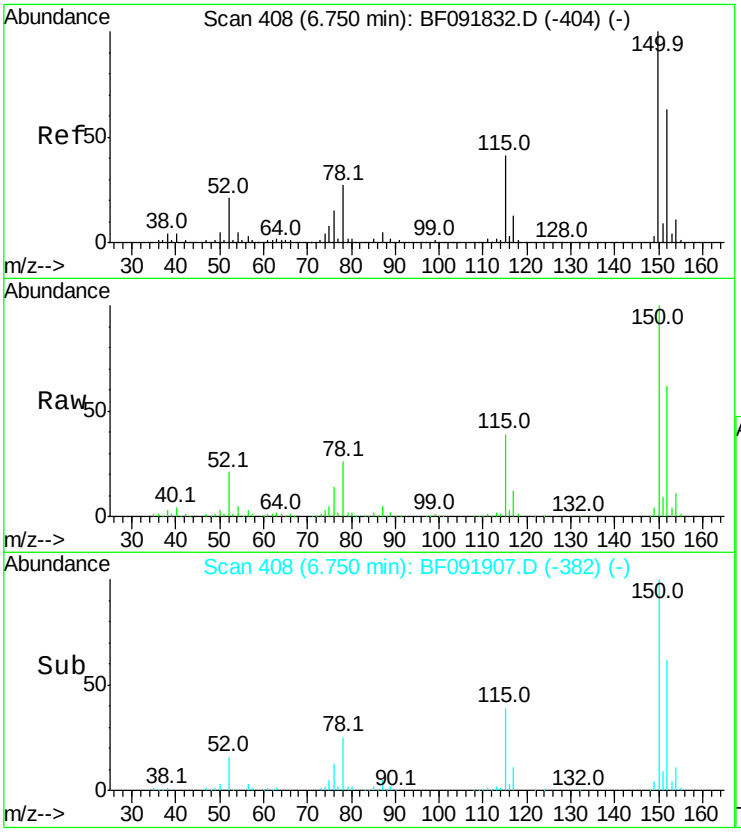


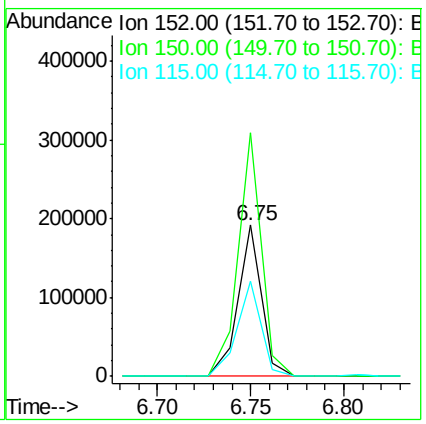


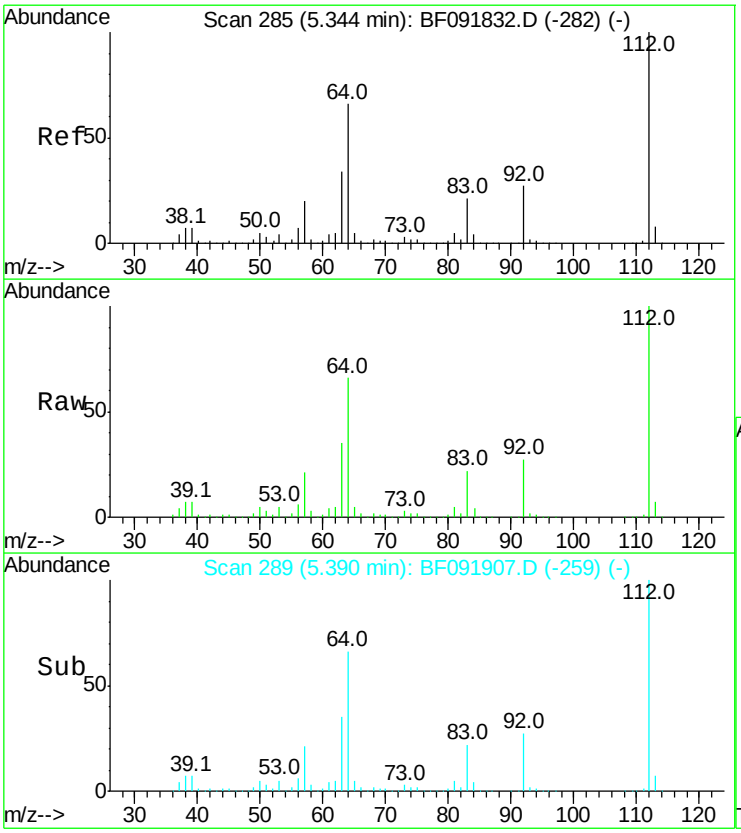
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Instrument :
BNA_F
ClientSampleId :
WC-201612

Tgt Ion:152 Resp: 168460

Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.9	187.3
115	63.3	46.0	69.0

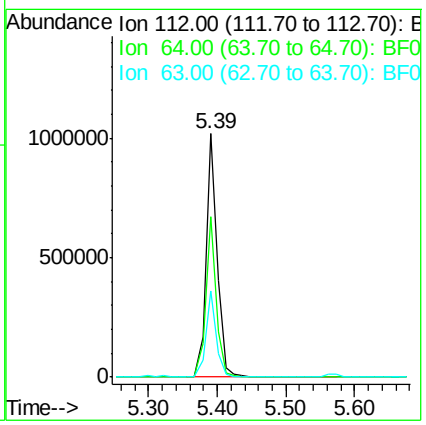


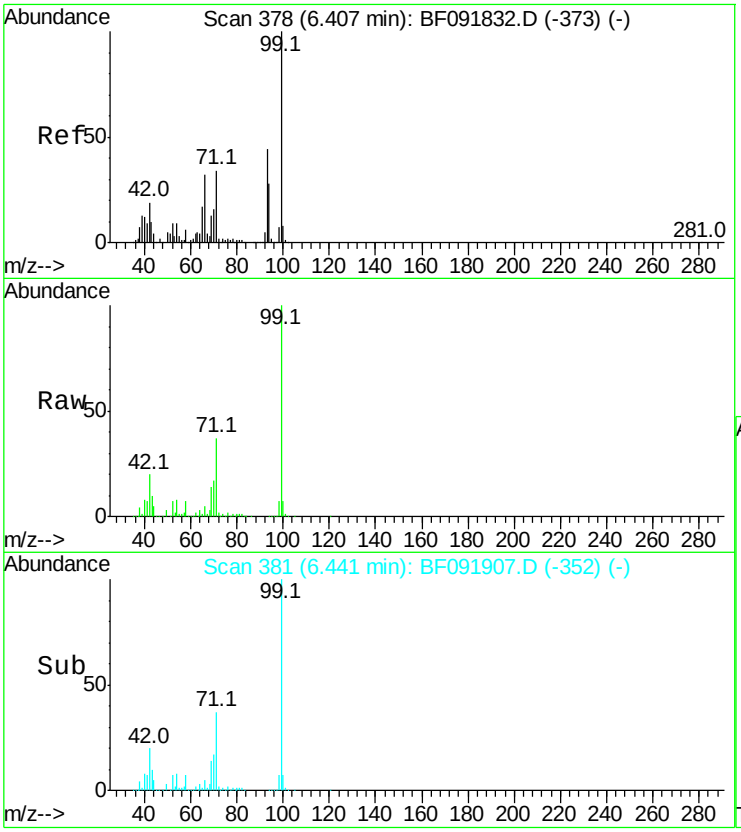


#5
2-Fluorophenol
Concen: 113.48 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.05 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Tgt Ion:112 Resp: 1144887

Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.1	69.1
63	35.3	23.8	35.6



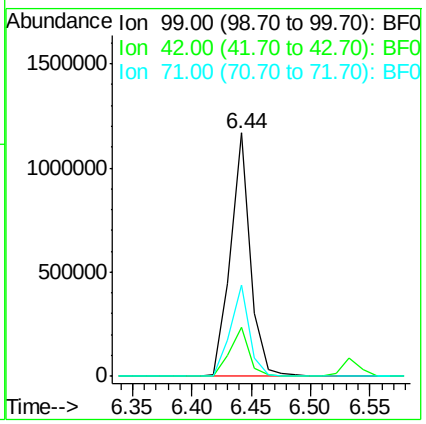


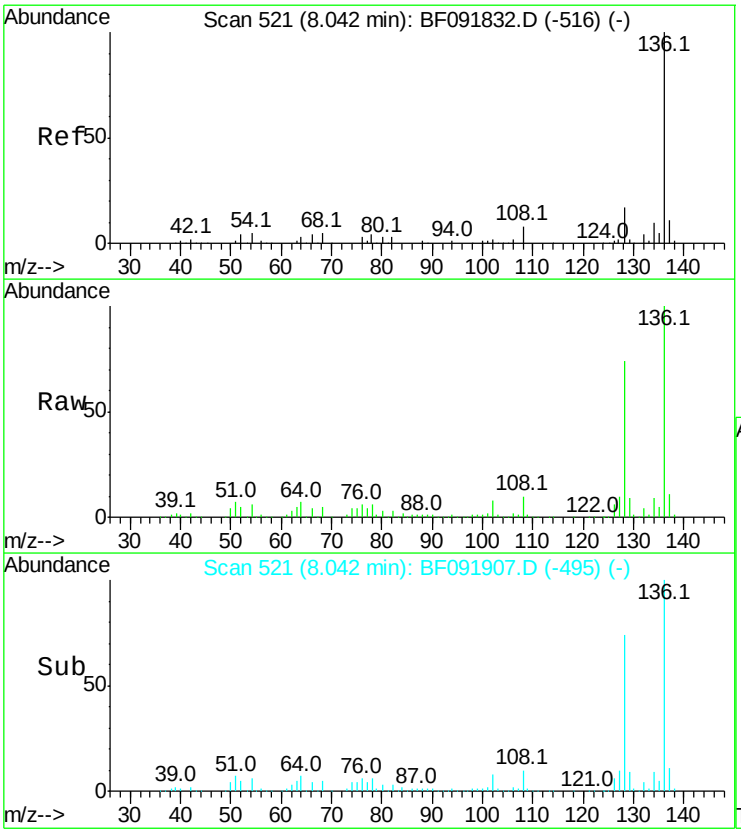
#7
Phenol-d6
Concen: 110.57 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.03 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Instrument :
BNA_F
ClientSampleId :
WC-201612

Tgt Ion: 99 Resp: 1361976

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	37.4	27.5	41.3

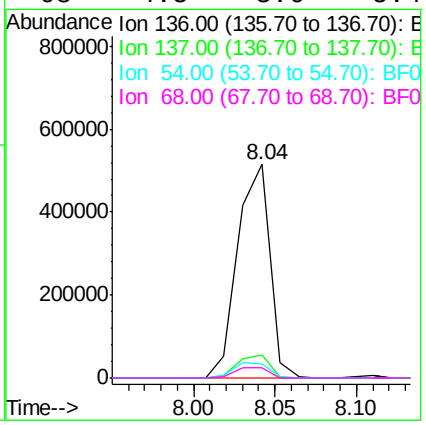


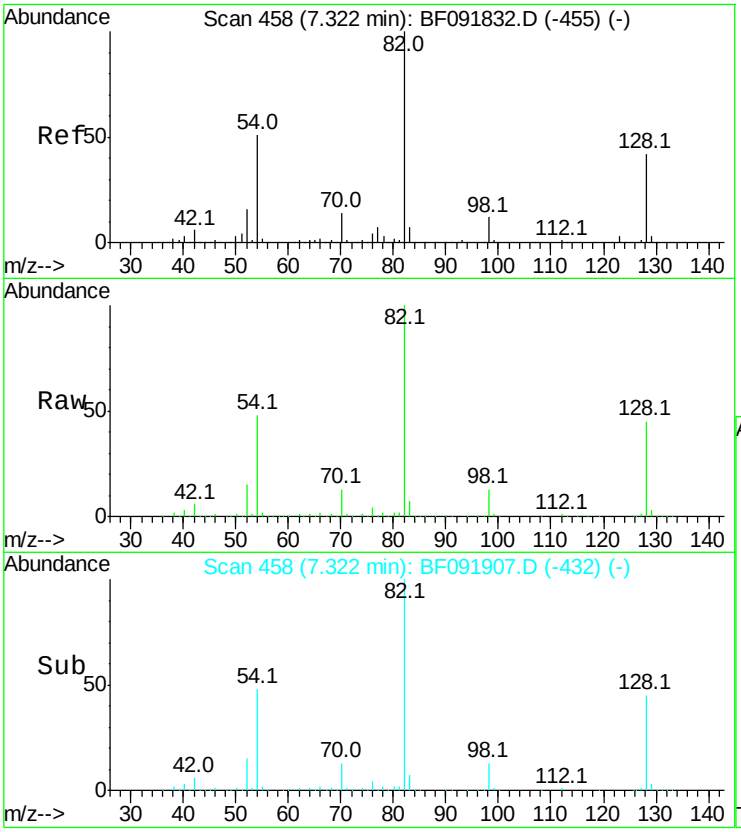


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Tgt Ion:136 Resp: 702055

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.5	4.5	6.7
68	4.5	3.6	5.4

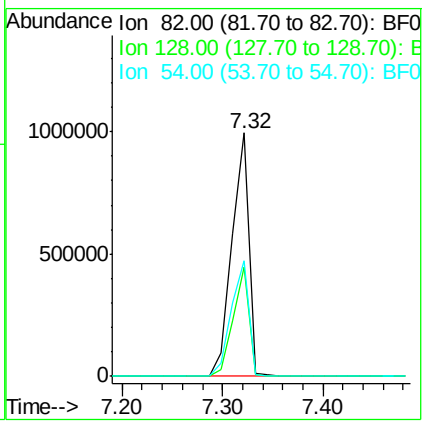




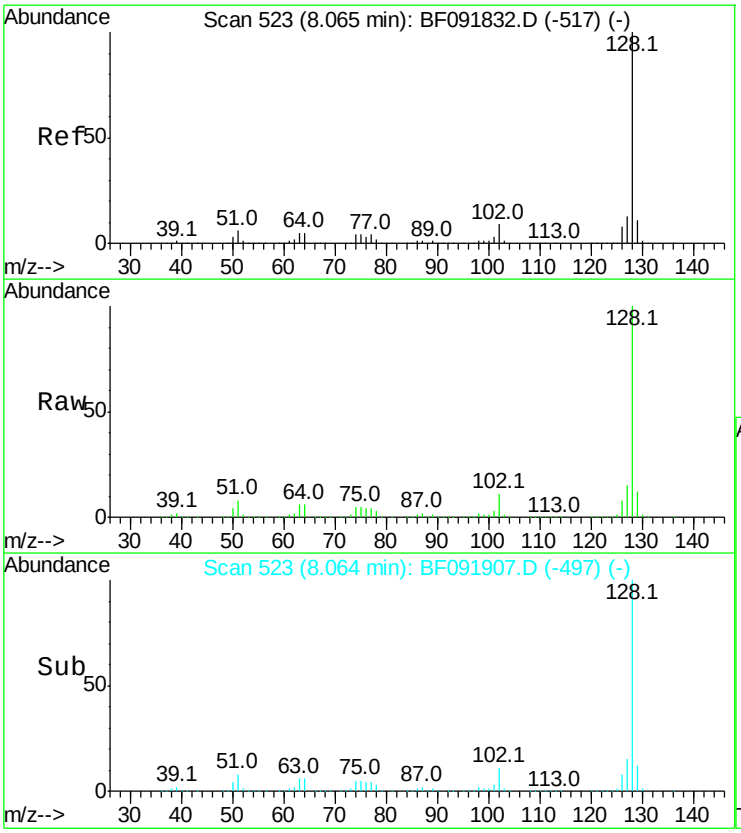
#23
Nitrobenzene-d5
Concen: 92.52 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Tgt Ion: 82 Resp: 1168096

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	52.0
54	47.7	39.5	59.3



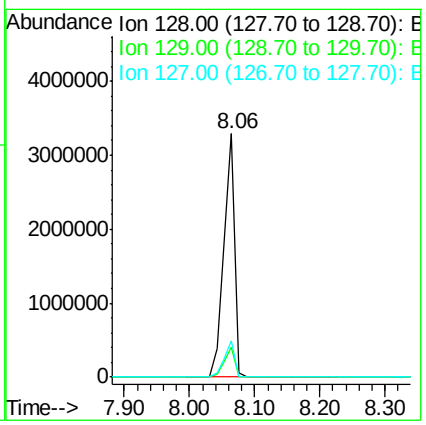
Instrument :
BNA_F
ClientSampleId :
WC-201612

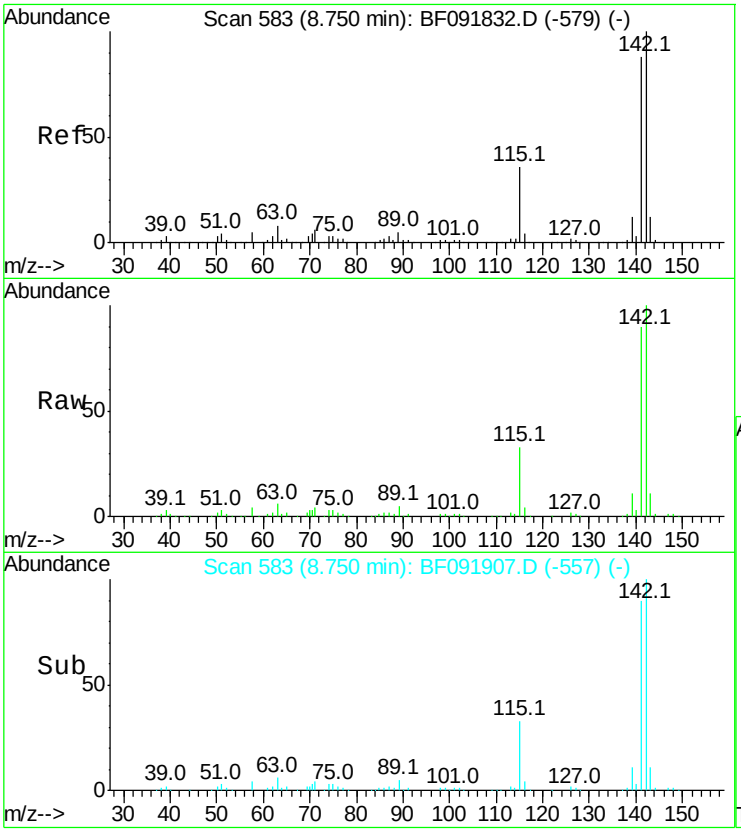


#31
Naphthalene
Concen: 117.26 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Tgt Ion:128 Resp: 3767821

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.5	14.3
127	14.7	10.8	16.2

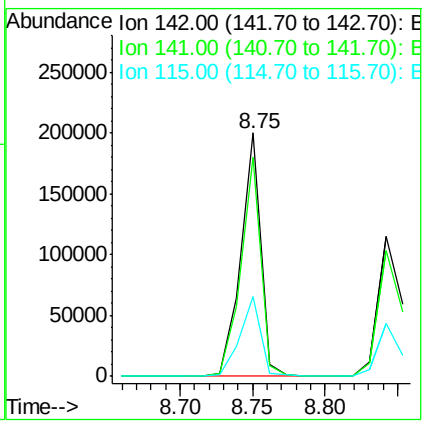




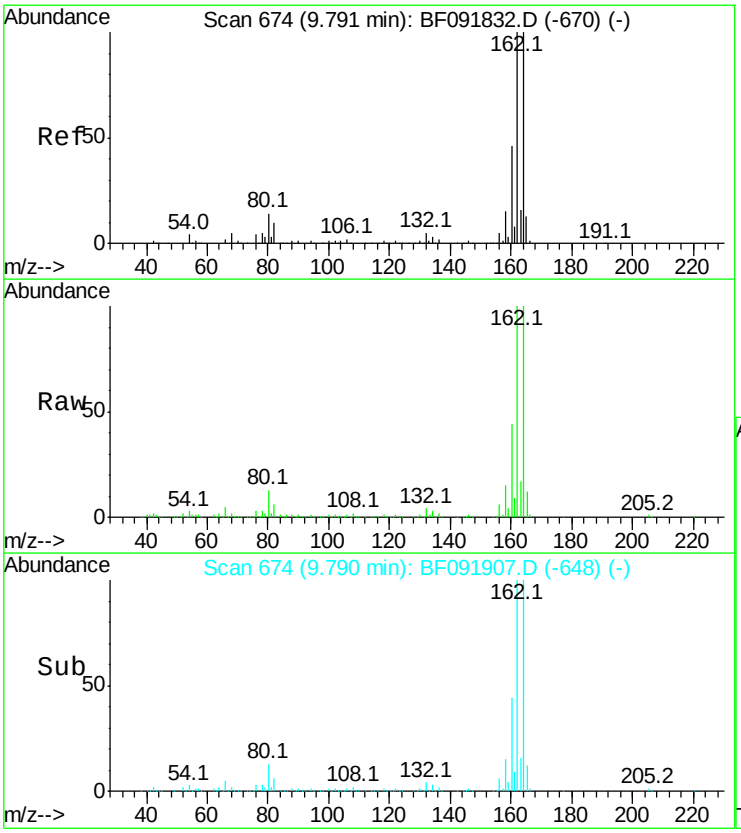
#37
2-Methylnaphthalene
Concen: 7.29 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Tgt Ion:142 Resp: 191618

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	32.8	28.3	42.5



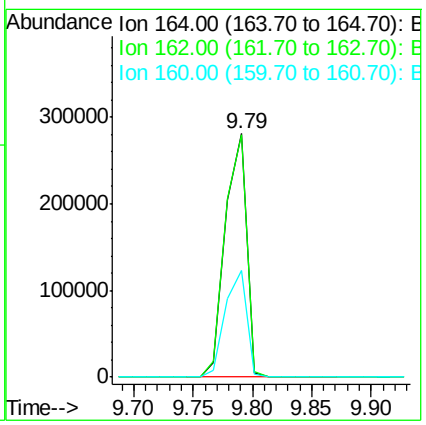
Instrument :
BNA_F
ClientSampleId :
WC-201612

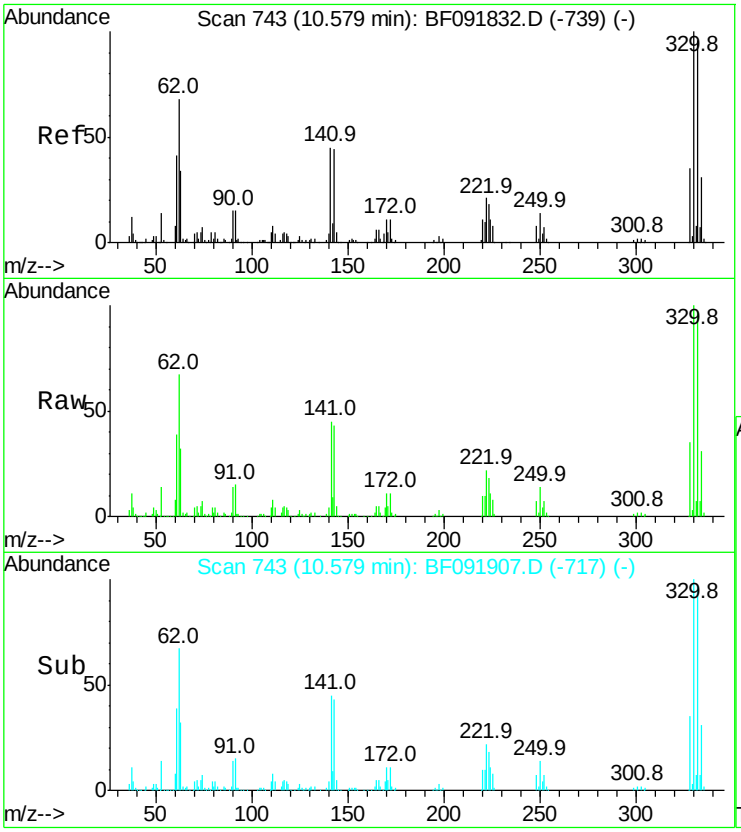


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Tgt Ion:164 Resp: 350326

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.2
160	43.7	36.9	55.3



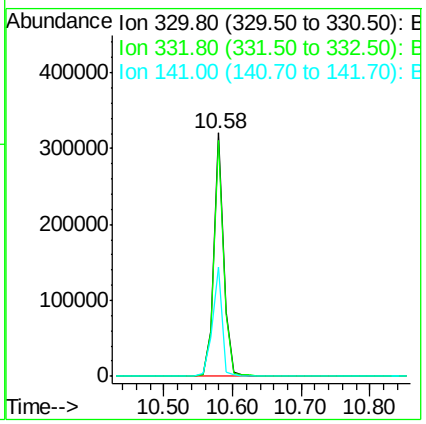


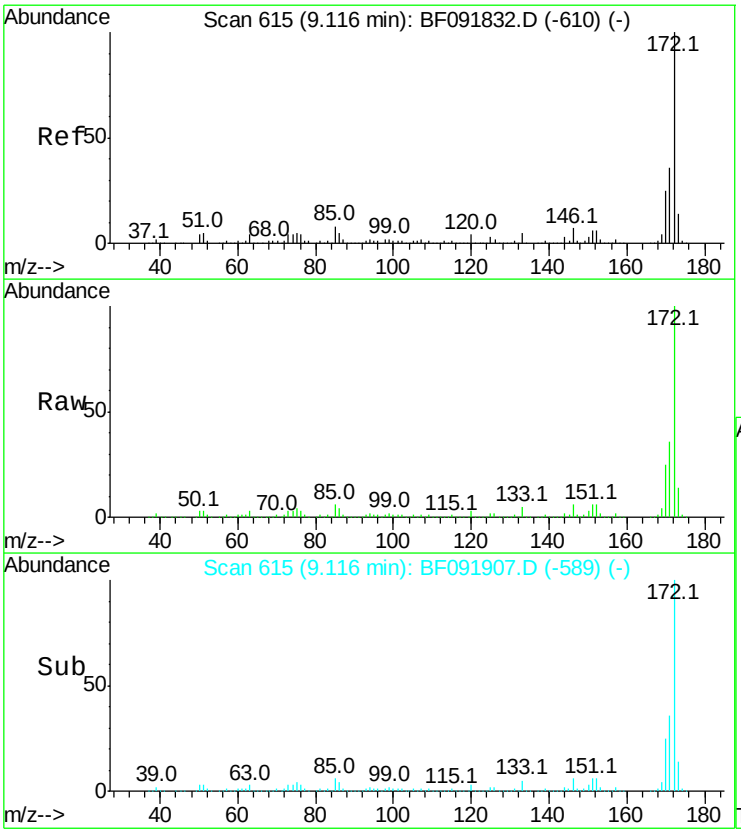
#41
2,4,6-Tribromophenol
Concen: 114.26 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Instrument :
BNA_F
ClientSampleId :
WC-201612

Tgt Ion:330 Resp: 331258

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	43.2	34.1	51.1

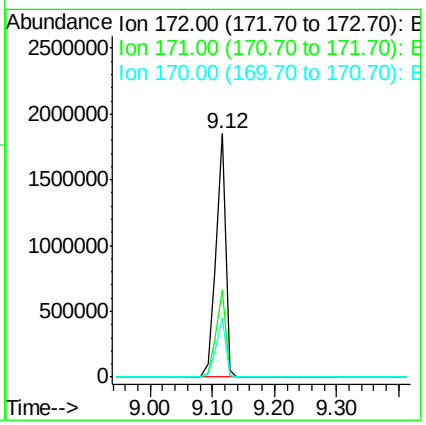


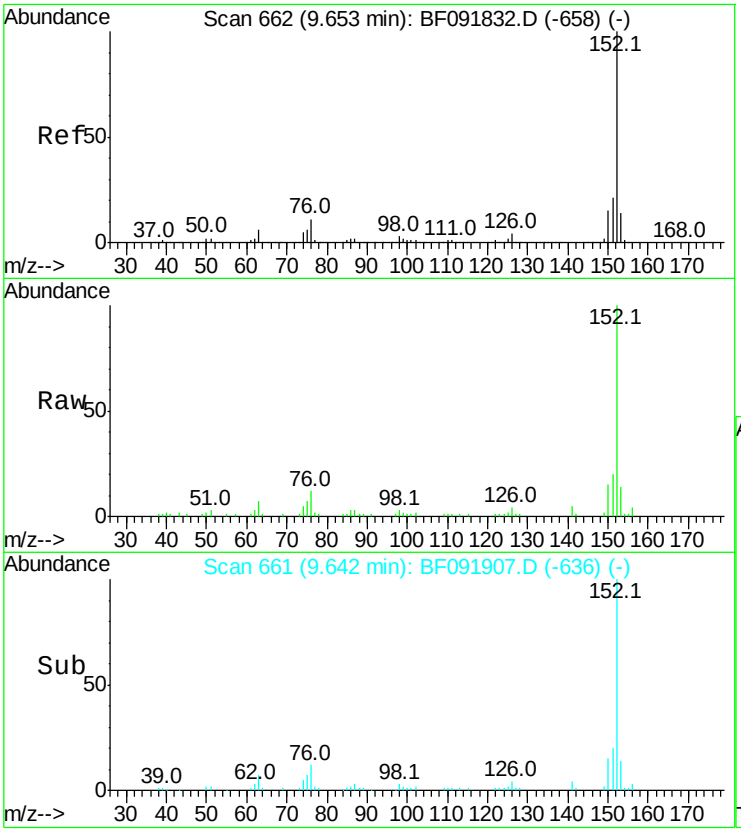


#44
2-Fluorobiphenyl
Concen: 117.81 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Tgt Ion:172 Resp: 1929126

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.5	20.2	30.4



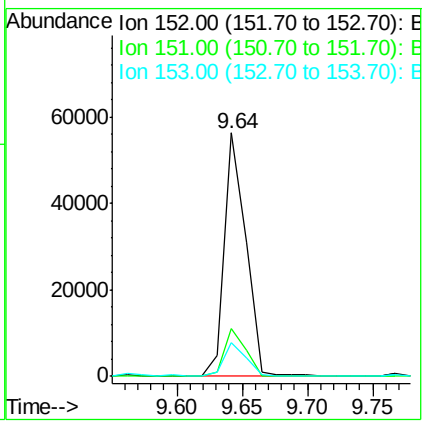


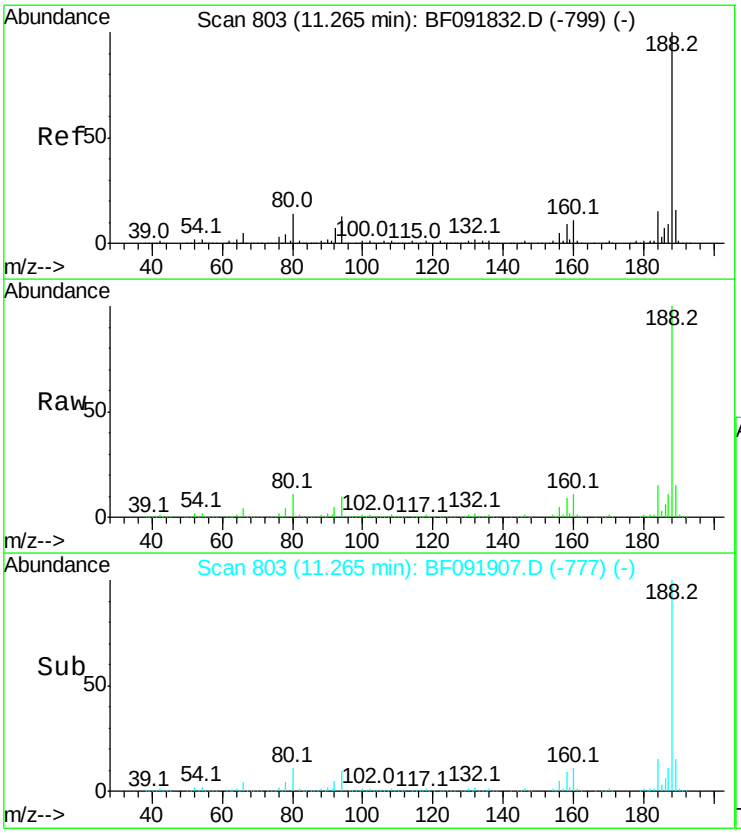
#48
Acenaphthylene
Concen: 2.22 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Instrument :
BNA_F
ClientSampleId :
WC-201612

Tgt Ion:152 Resp: 64775

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.9	25.3
153	14.0	11.4	17.2

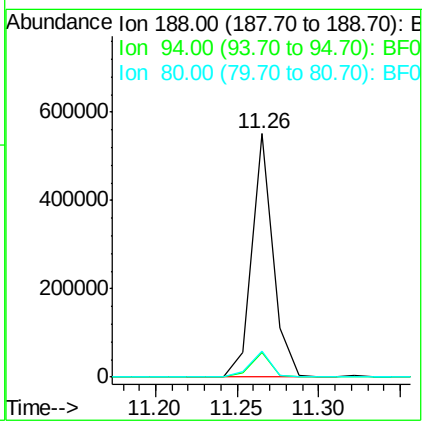


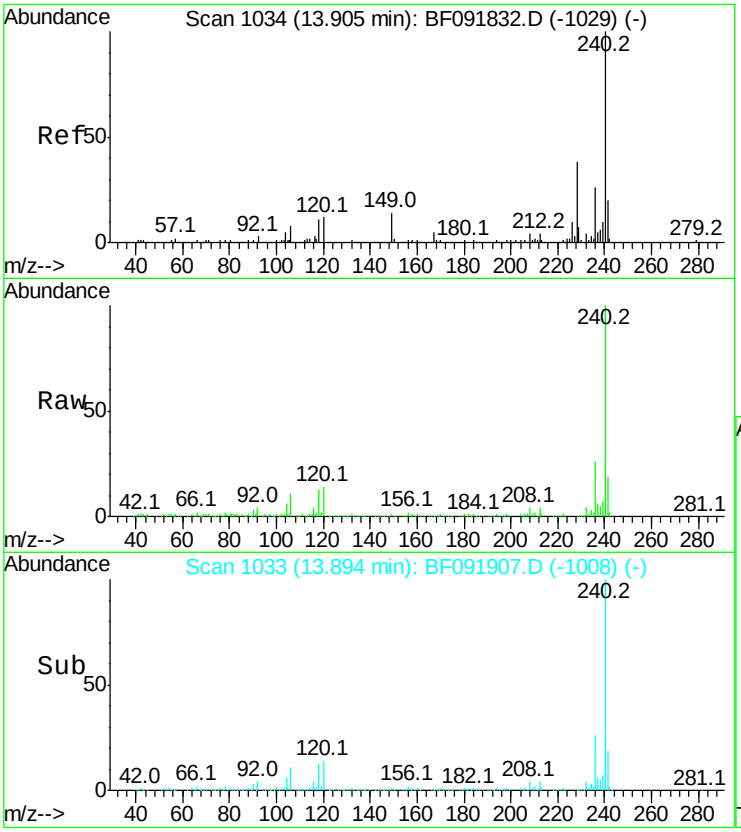


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Tgt Ion:188 Resp: 501622

Ion	Ratio	Lower	Upper
188	100		
94	9.9	10.0	15.0#
80	10.6	11.2	16.8#



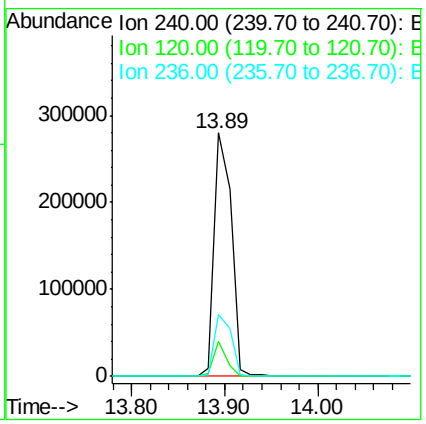


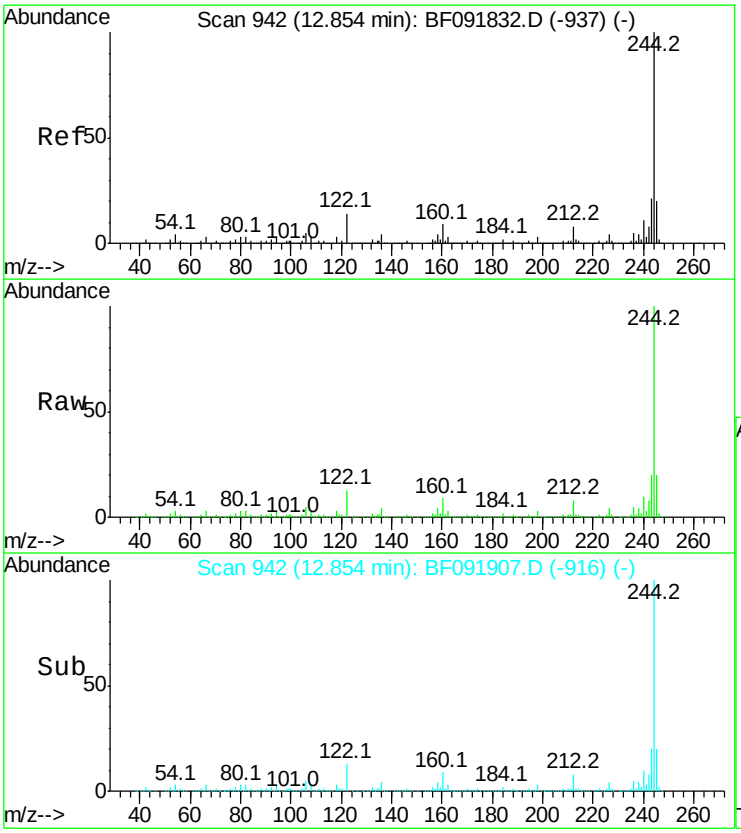
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Instrument :
BNA_F
ClientSampleId :
WC-201612

Tgt Ion:240 Resp: 357250

Ion	Ratio	Lower	Upper
240	100		
120	14.4	12.9	19.3
236	25.5	20.9	31.3

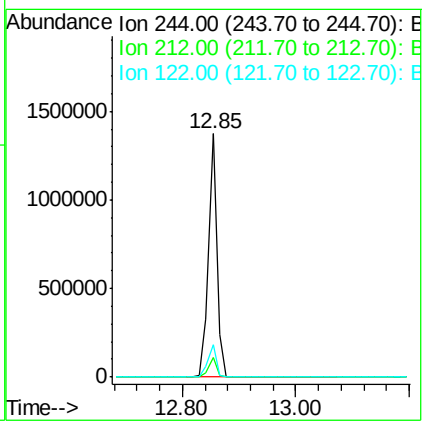


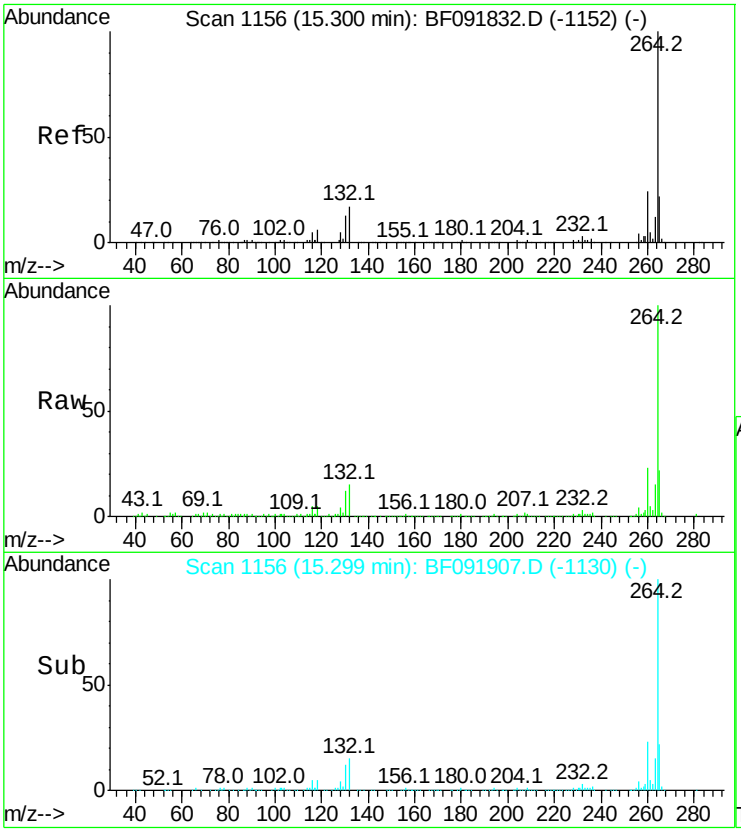


#78
Terphenyl-d14
Concen: 91.58 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Tgt Ion:244 Resp: 1348997

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.3	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091907.D
Acq: 23 Dec 2016 6:01

Instrument :
BNA_F
ClientSampleId :
WC-201612

Tgt Ion:264 Resp: 271925

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.4	26.0