Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
Data File : BF093990.D
Acq On : 28 Mar 2017 13:27
Operator : SJ/MA
Sample : I2413-02DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 28 14:13:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	172400	20.00	ng	-0.01
21) Naphthalene-d8	7.45	136	664722	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	304008	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	482028	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	325040	20.00	ng	-0.02
86) Perylene-d12	16.29	264	291889	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	209083	20.48	ng	-0.02
7) Phenol-d6	5.53	99	320574	25.39	ng	-0.02
23) Nitrobenzene-d5	6.58	82	175381	15.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	53922	22.45	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	326543	16.38	ng	-0.02
78) Terphenyl-d14	13.38	244	193782	13.36	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	5.42	77	177219	20.78	ng	# 1
18) Hexachloroethane	6.52	117	51304	11.45	ng	# 1
22) Acetophenone	6.40	105	413812	27.93	ng	# 48
31) Naphthalene	7.47	128	1183698	37.03	ng	100
37) 2-Methylnaphthalene	8.32	142	639510	30.01	ng	98
50) 2,6-Dinitrotoluene	9.58	165	43816	8.84	ng	# 36
51) Acenaphthene	9.62	154	104513	5.61	ng	99
54) Dibenzofuran	9.83	168	119470	4.71	ng	99
57) Fluorene	10.26	166	130358	6.20	ng	99
70) Phenanthrene	11.44	178	410814	15.32	ng	99
74) Fluoranthene	12.90	202	152529	5.56	ng	97
77) Pyrene	13.17	202	105858	4.49	ng	97

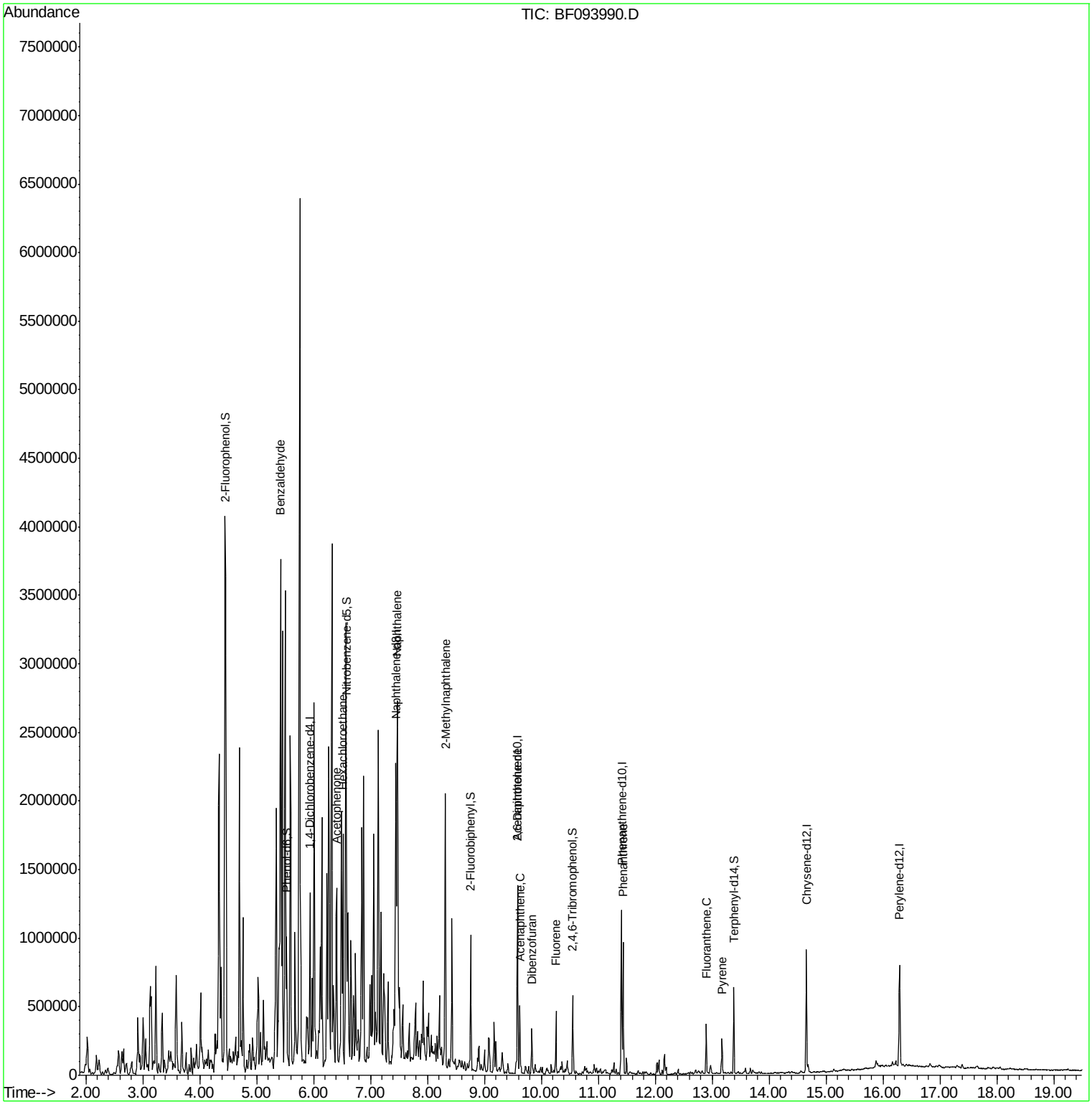
(#) = qualifier out of range (m) = manual integration (+) = signals summed

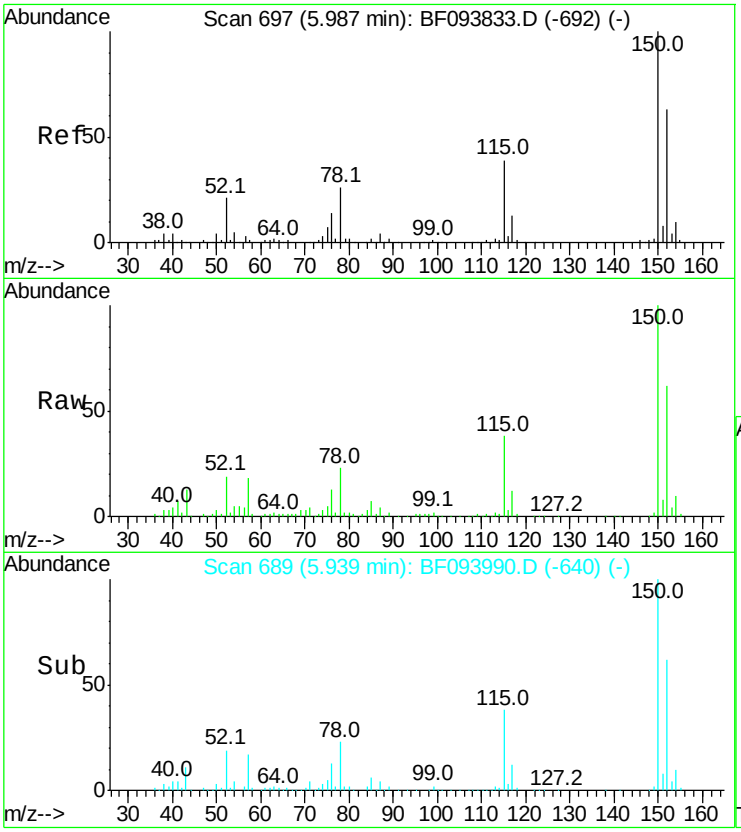
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
Data File : BF093990.D
Acq On : 28 Mar 2017 13:27
Operator : SJ/MA
Sample : I2413-02DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 28 14:13:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration



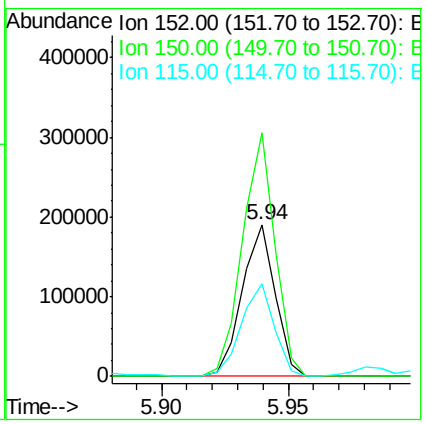


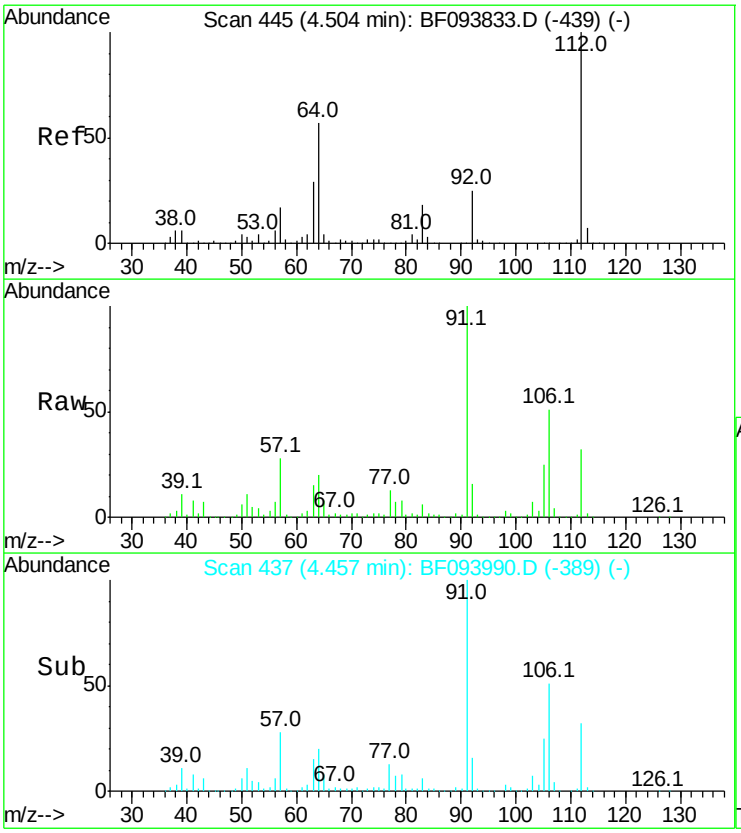
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 172400

Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	60.7	52.2	78.2

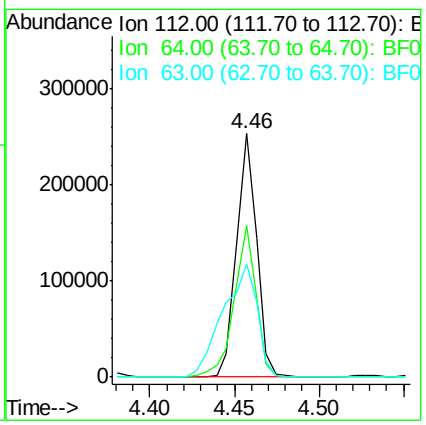


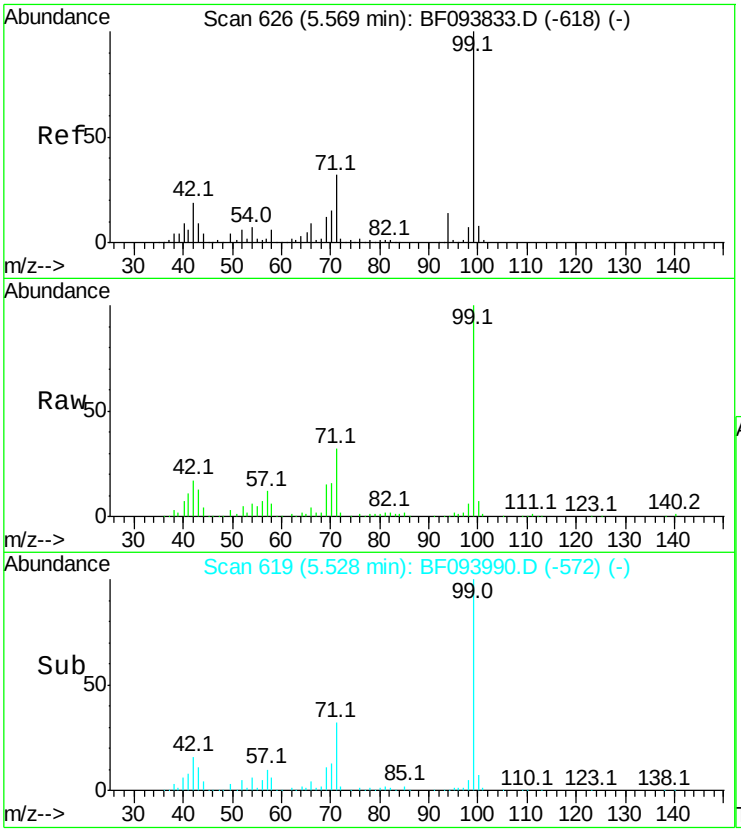


#5
2-Fluorophenol
Concen: 20.48 ng
RT: 4.46 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Tgt Ion:112 Resp: 209083

Ion	Ratio	Lower	Upper
112	100		
64	62.1	46.0	69.0
63	46.3	23.4	35.0#



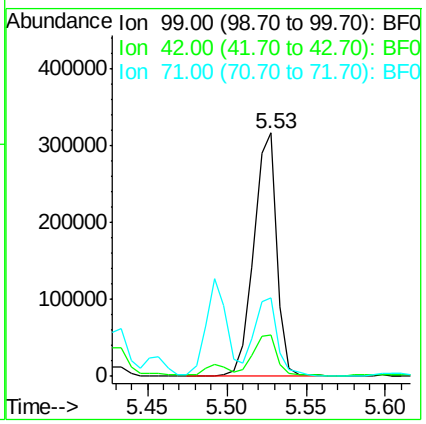


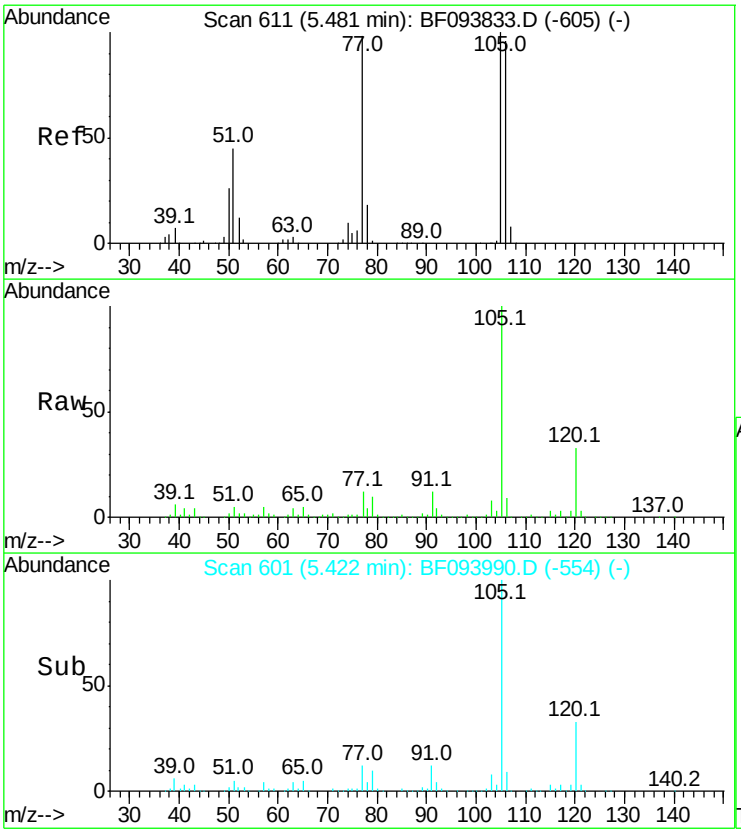
#7
Phenol-d6
Concen: 25.39 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 320574

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	32.5	24.5	36.7

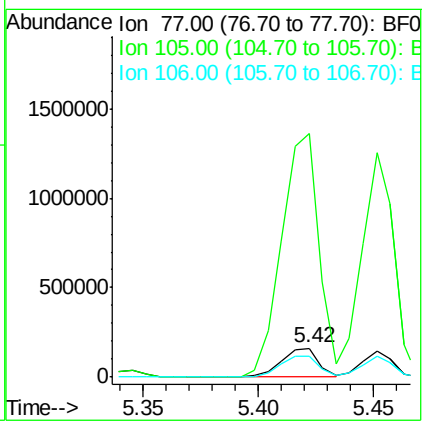


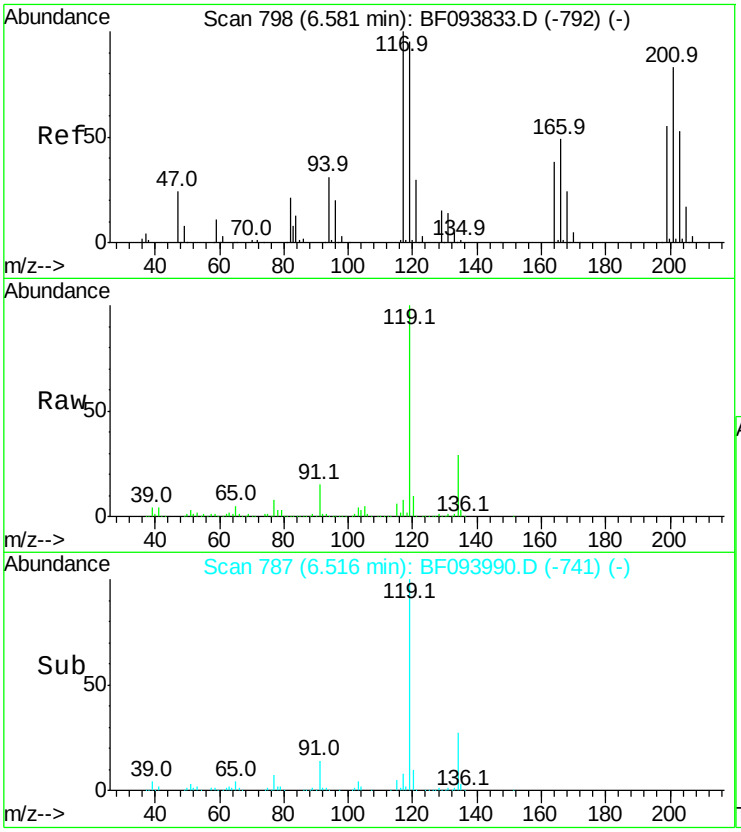


#9
Benzaldehyde
Concen: 20.78 ng
RT: 5.42 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Tgt Ion: 77 Resp: 177219

Ion	Ratio	Lower	Upper
77	100		
105	850.9	83.8	123.8#
106	74.5	79.1	119.1#



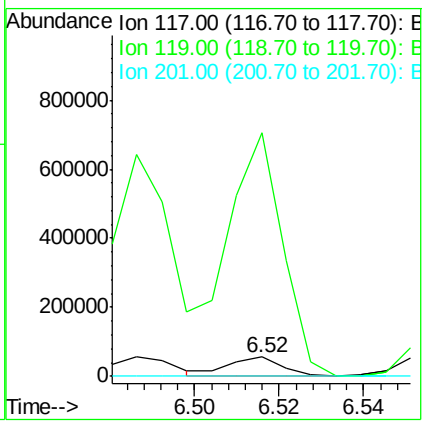


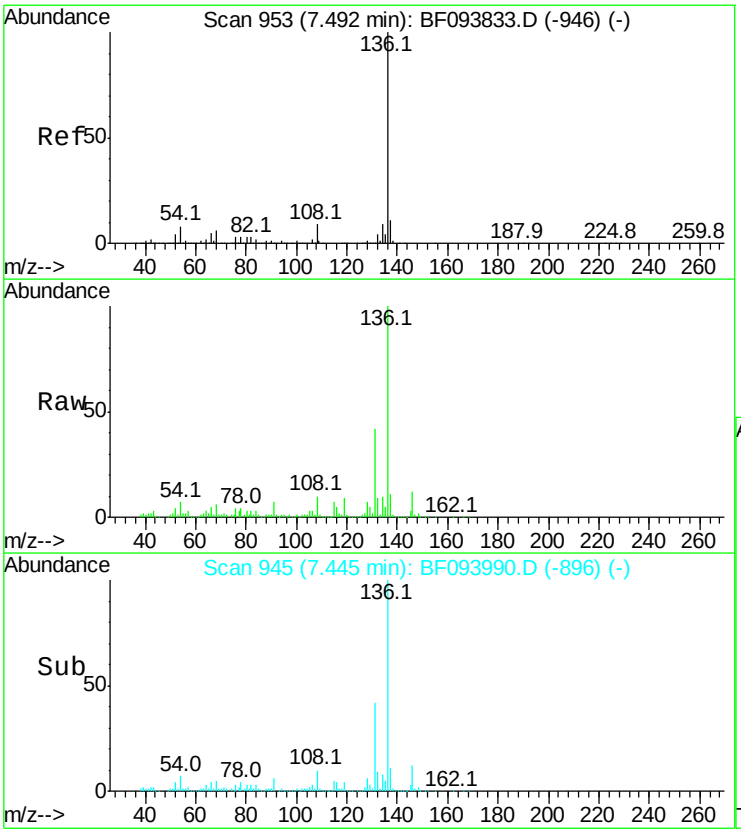
#18
Hexachloroethane
Concen: 11.45 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 51304

Ion	Ratio	Lower	Upper
117	100		
119	1276.2	77.4	116.0#
201	0.0	94.6	141.8#

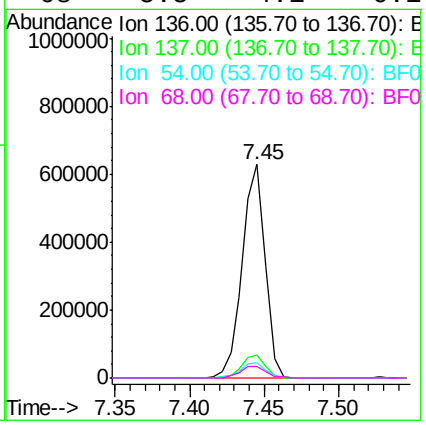


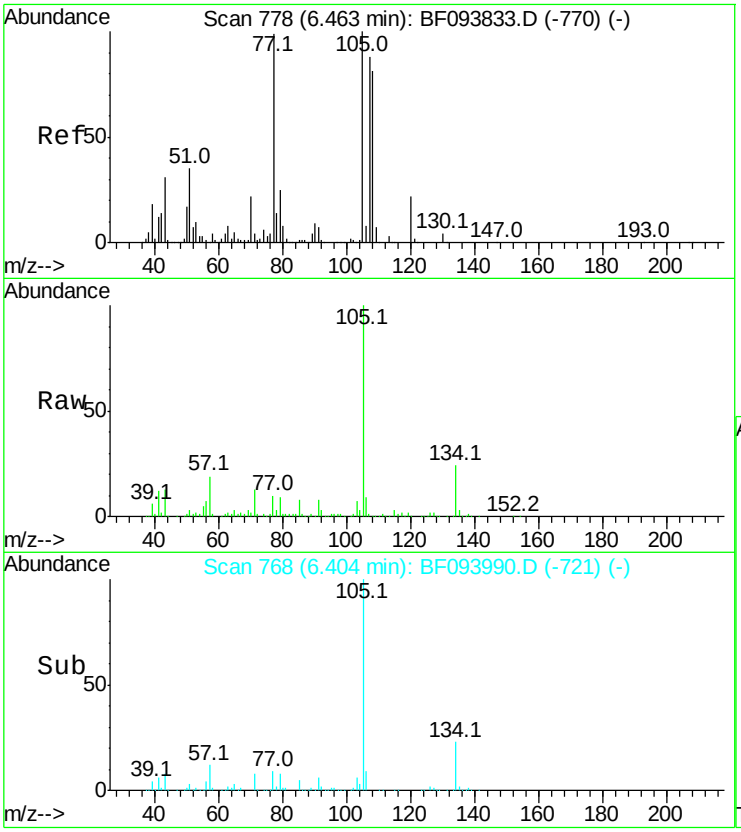


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.45 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Tgt Ion:136 Resp: 664722

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.9	4.9	7.3
68	5.5	4.1	6.1



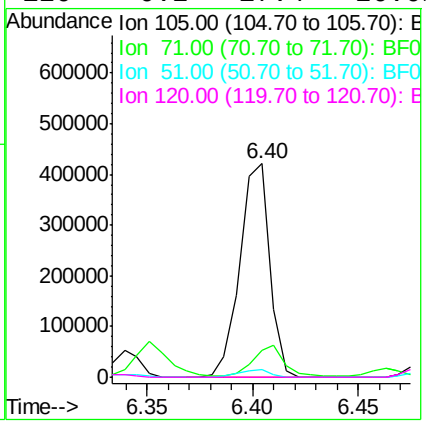


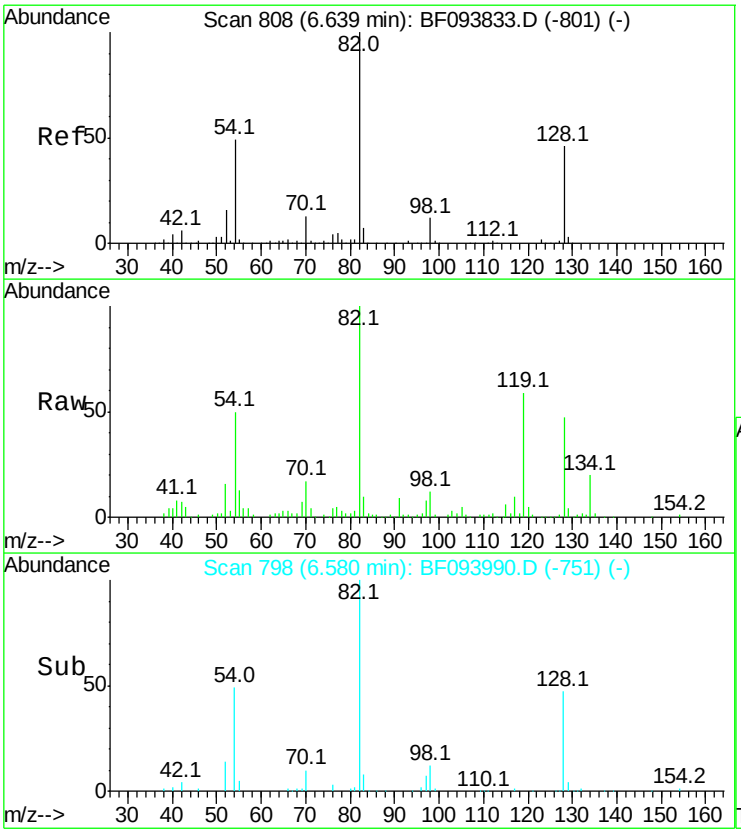
#22
Acetophenone
Concen: 27.93 ng
RT: 6.40 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 413812

Ion	Ratio	Lower	Upper
105	100		
71	12.6	2.8	4.2#
51	3.4	30.7	46.1#
120	0.2	17.4	26.0#

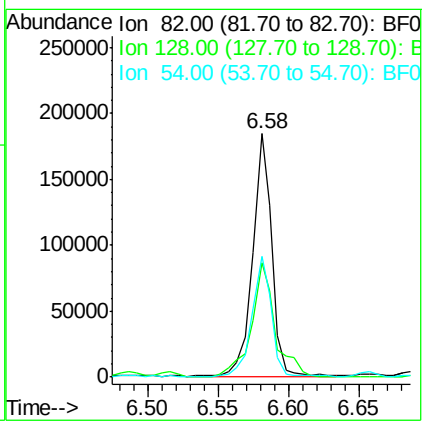


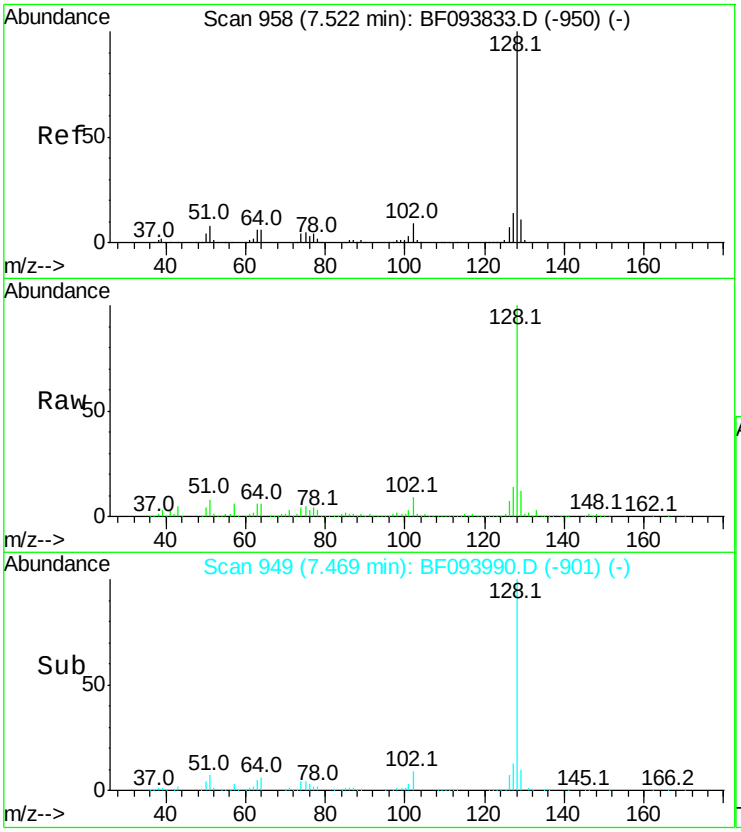


#23
Nitrobenzene-d5
Concen: 15.06 ng
RT: 6.58 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Tgt Ion: 82 Resp: 175381

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	49.7	42.2	63.2



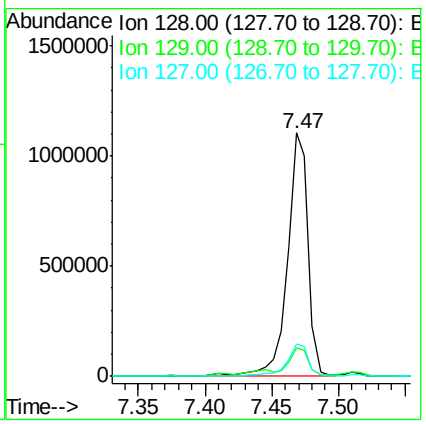


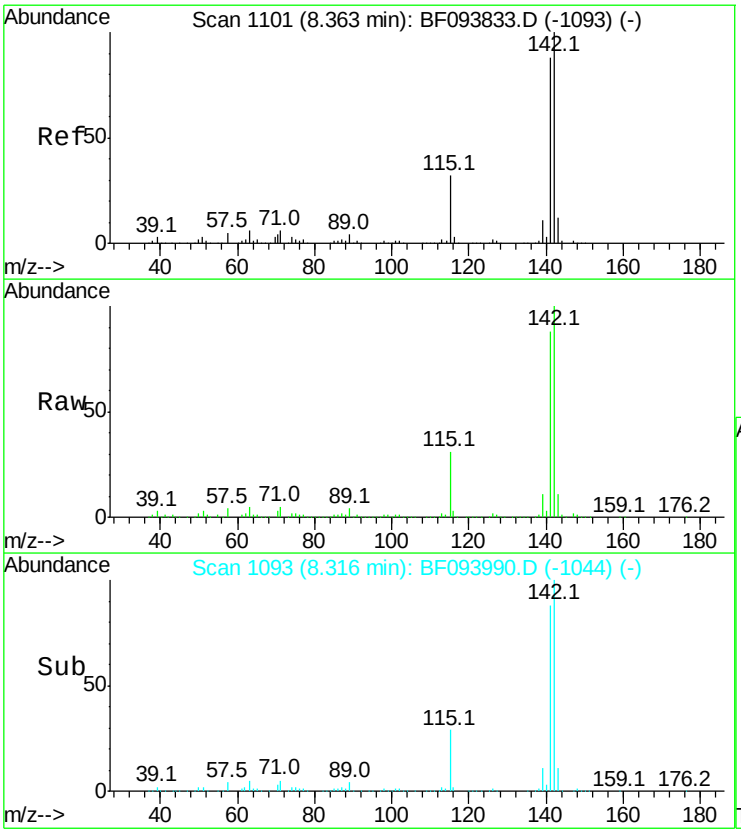
#31
Naphthalene
Concen: 37.03 ng
RT: 7.47 min Scan# 949
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1183698

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.6	10.8	16.2

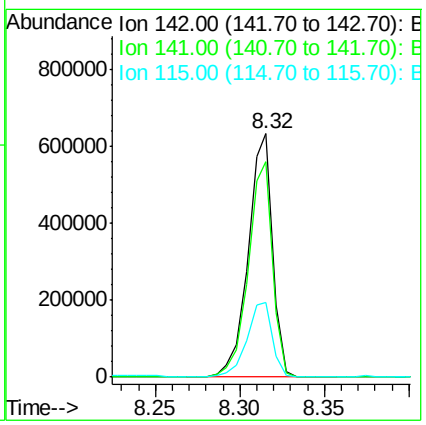


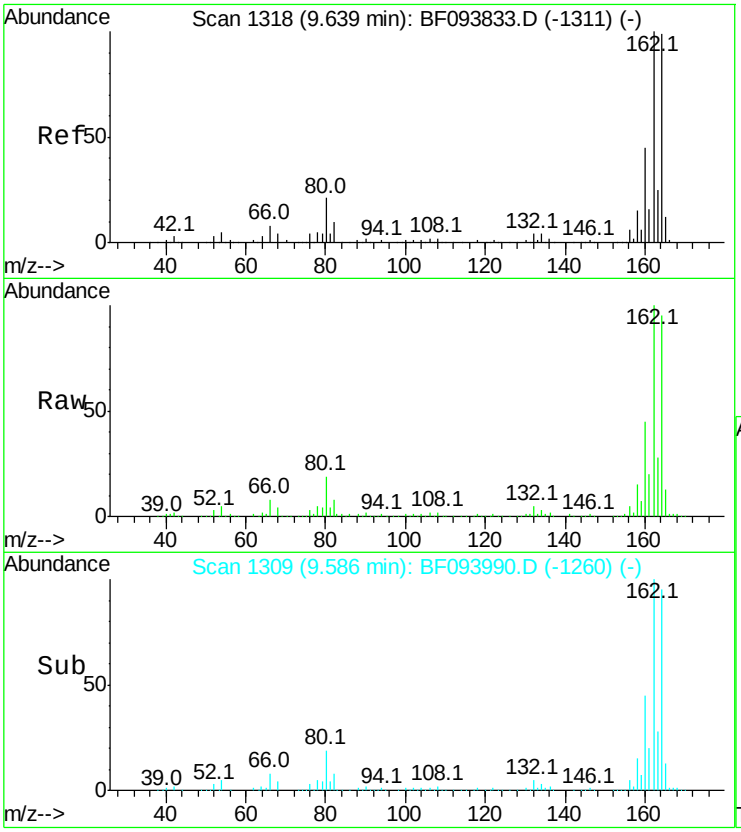


#37
2-Methylnaphthalene
Concen: 30.01 ng
RT: 8.32 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Tgt Ion:142 Resp: 639510

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	30.7	27.1	40.7



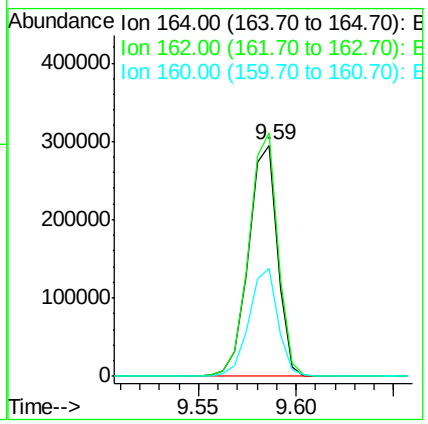


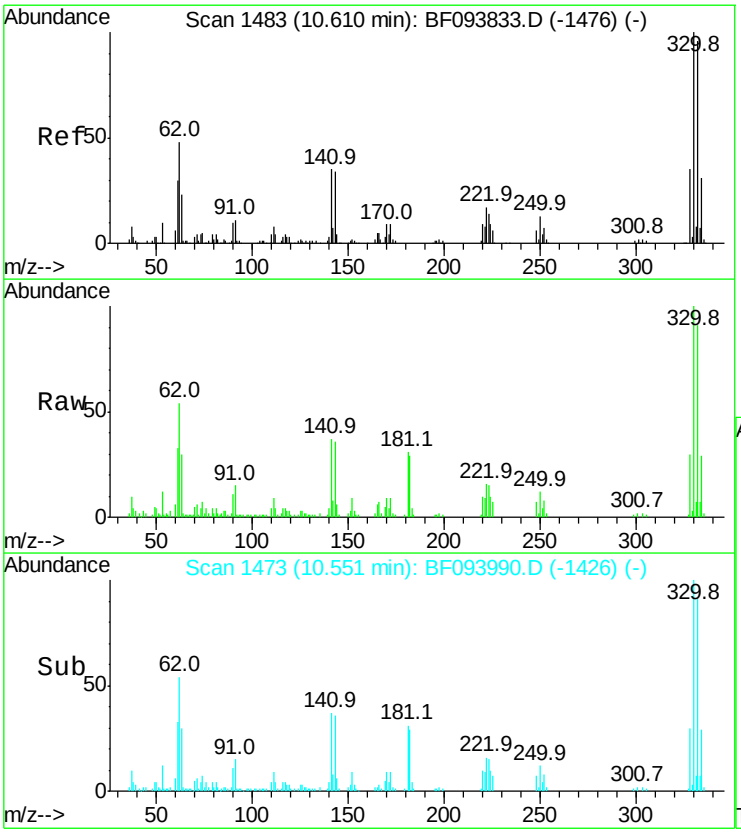
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 304008

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	46.9	36.2	54.2

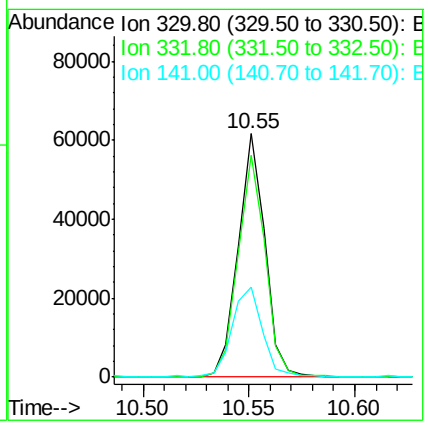


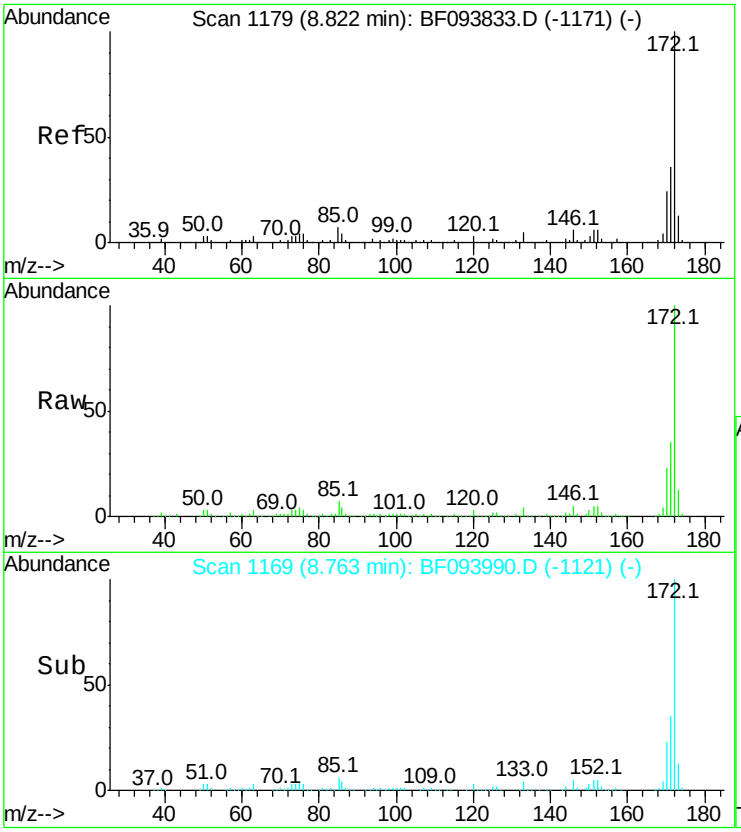


#41
2,4,6-Tribromophenol
Concen: 22.45 ng
RT: 10.55 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Tgt Ion:330 Resp: 53922

Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.6	115.0
141	42.1	31.4	47.2



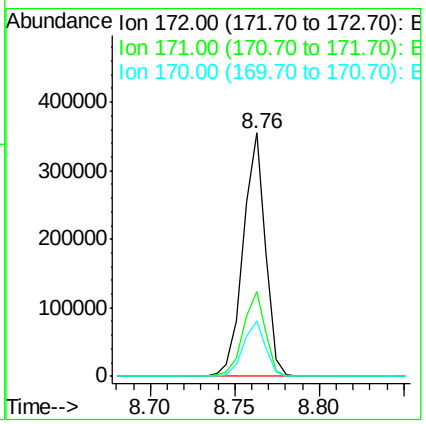


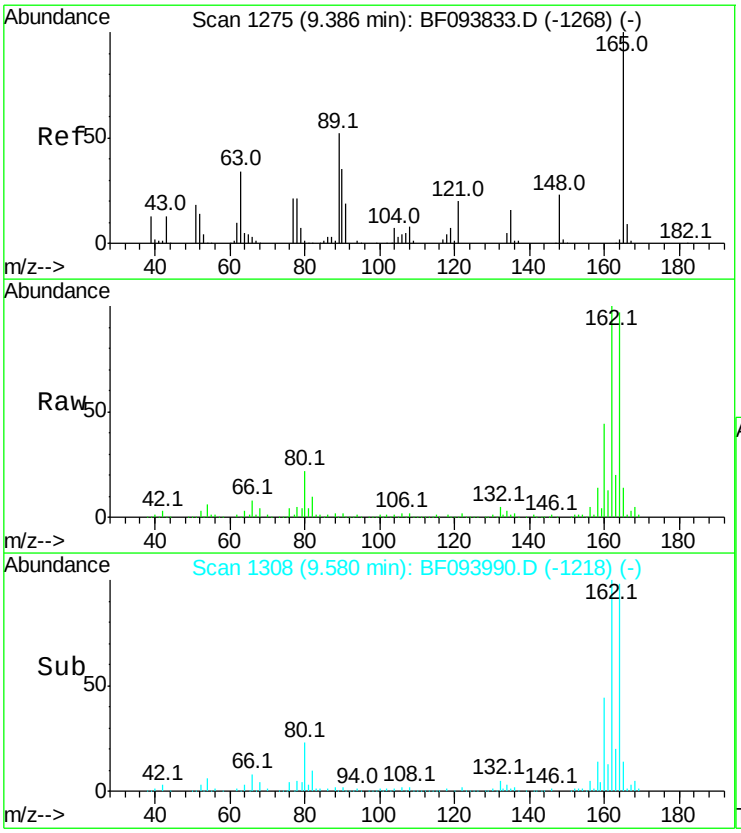
#44
2-Fluorobiphenyl
Concen: 16.38 ng
RT: 8.76 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 326543

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	23.0	19.8	29.8

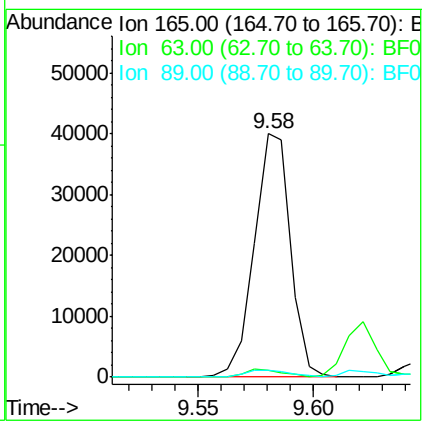


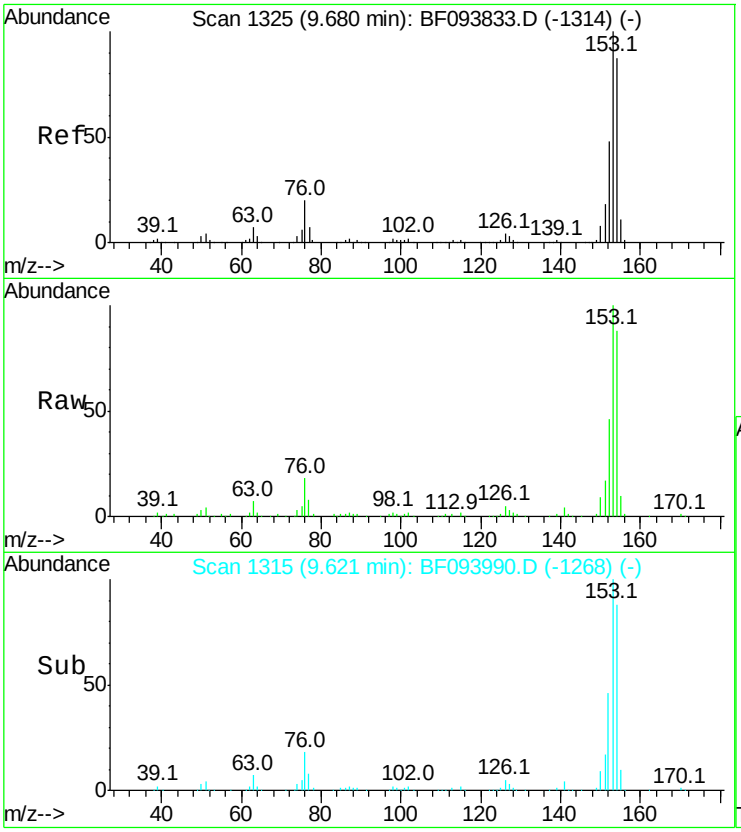


#50
2,6-Dinitrotoluene
Concen: 8.84 ng
RT: 9.58 min Scan# 1308
Delta R.T. 0.23 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Tgt Ion:165 Resp: 43816

Ion	Ratio	Lower	Upper
165	100		
63	2.8	34.3	51.5#
89	2.6	37.1	55.7#



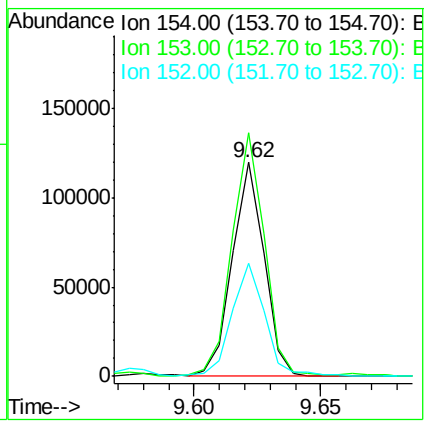


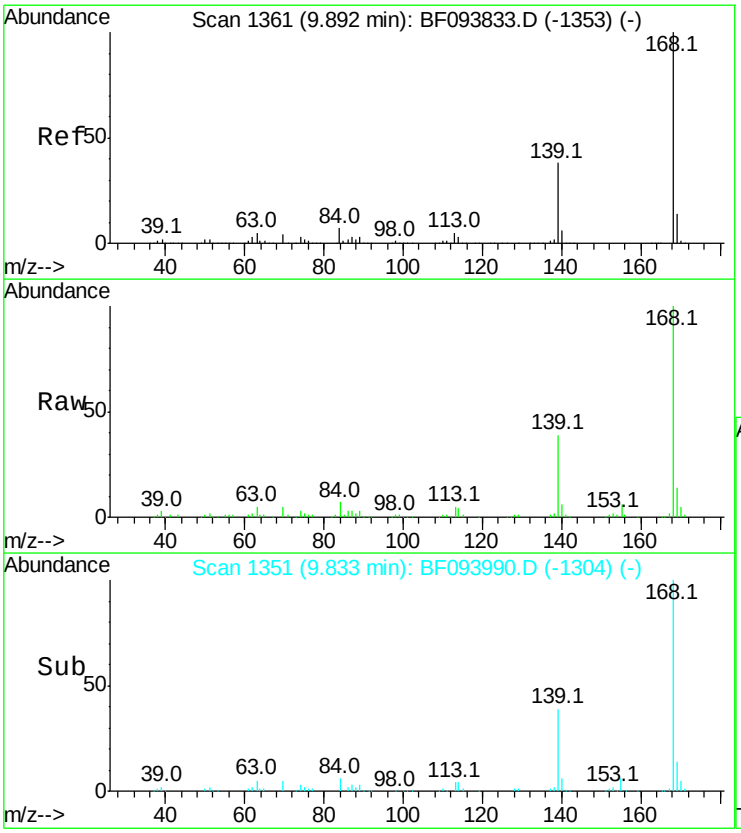
#51
Acenaphthene
Concen: 5.61 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 104513

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.5	135.7
152	52.9	43.6	65.4

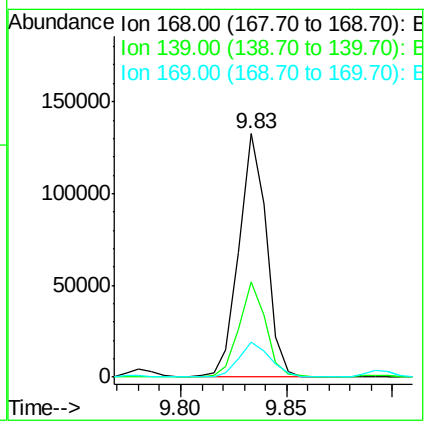


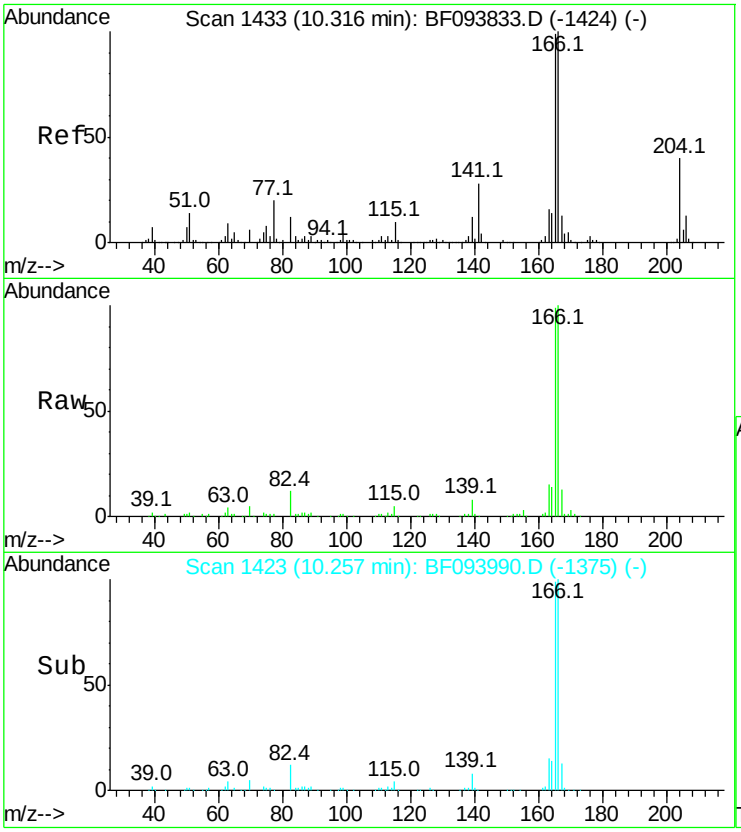


#54
Dibenzofuran
Concen: 4.71 ng
RT: 9.83 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Tgt Ion:168 Resp: 119470

Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.6	45.8
169	14.3	10.8	16.2



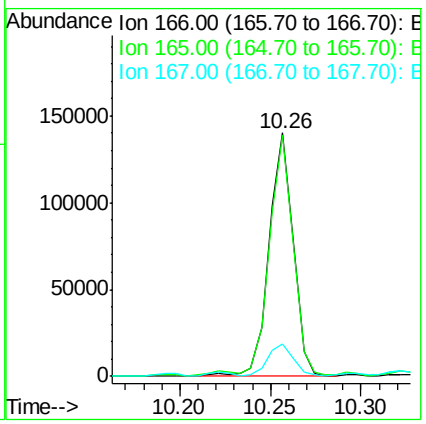


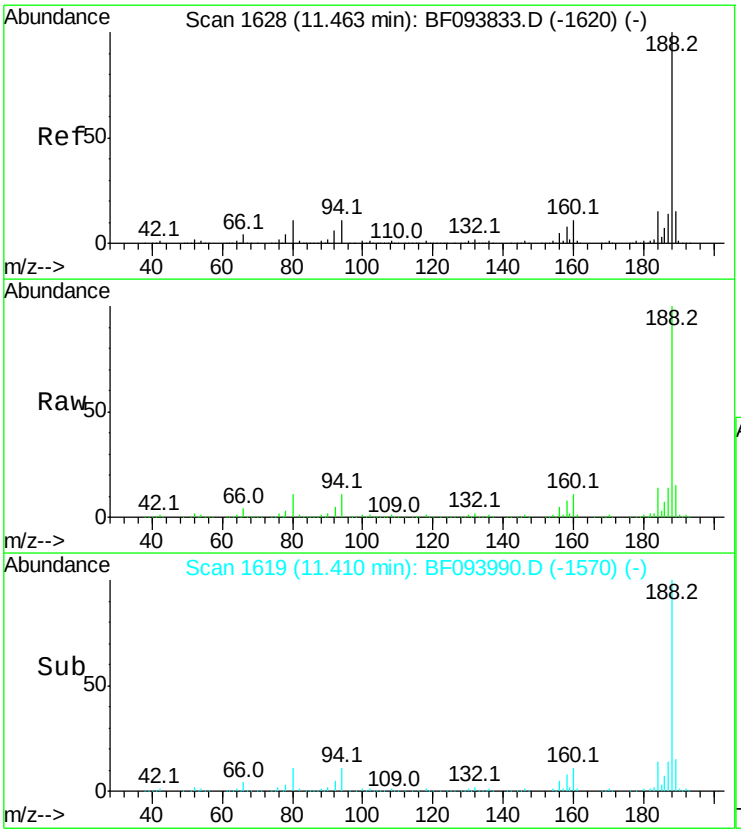
#57
Fluorene
Concen: 6.20 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 130358

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.8	118.2
167	13.1	10.6	16.0

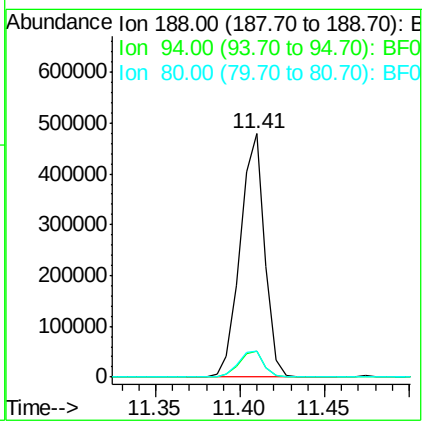


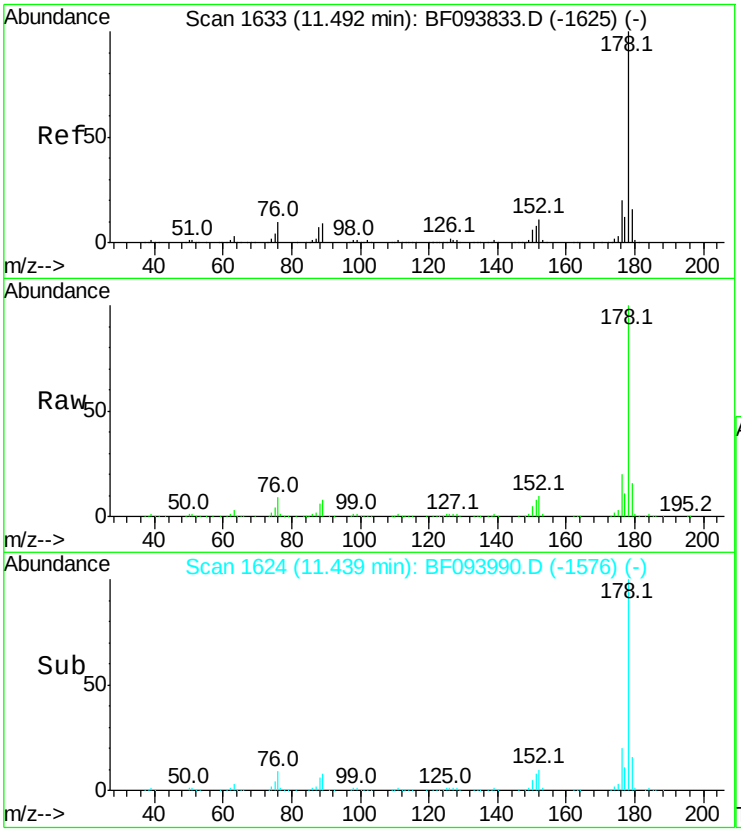


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Tgt Ion:188 Resp: 482028

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	10.9	10.2	15.2



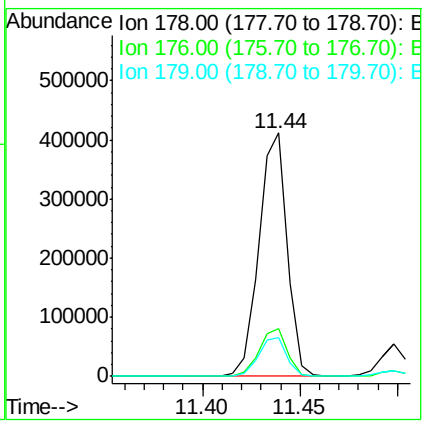


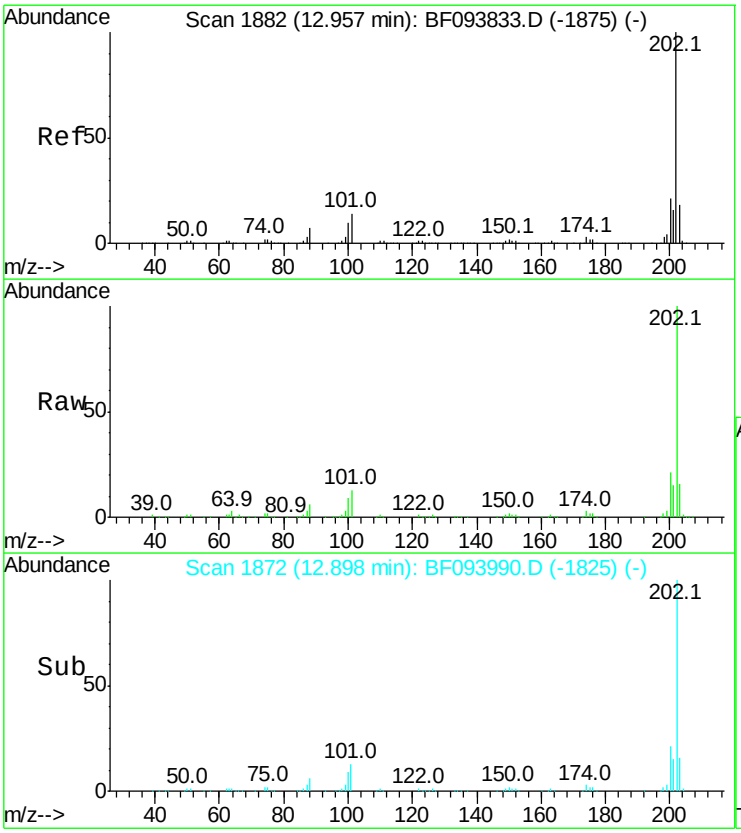
#70
Phenanthrene
Concen: 15.32 ng
RT: 11.44 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 410814

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.7	12.6	19.0

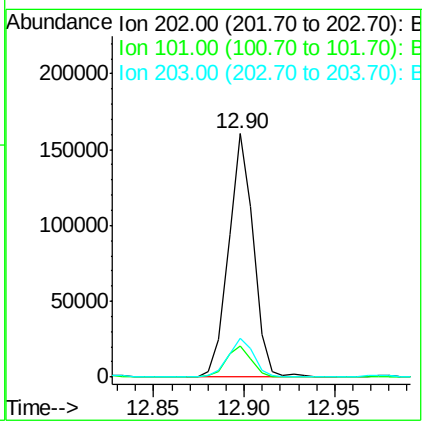


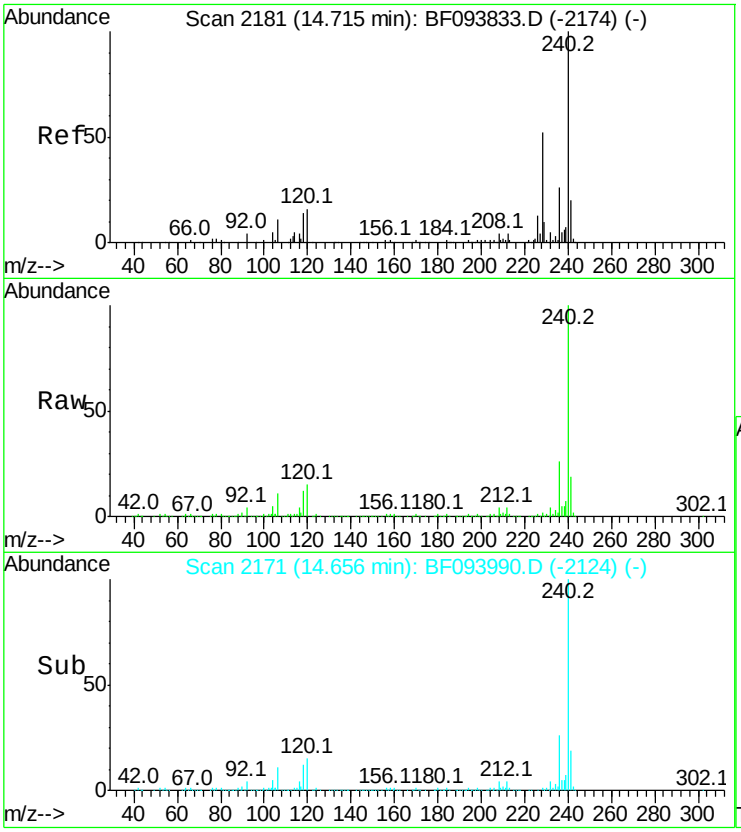


#74
Fluoranthene
Concen: 5.56 ng
RT: 12.90 min Scan# 1872
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Tgt Ion:202 Resp: 152529

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	16.1	0.0	38.1



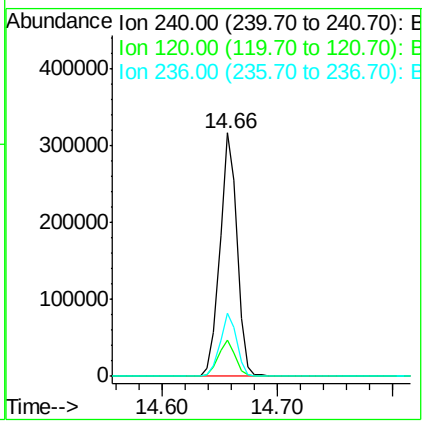


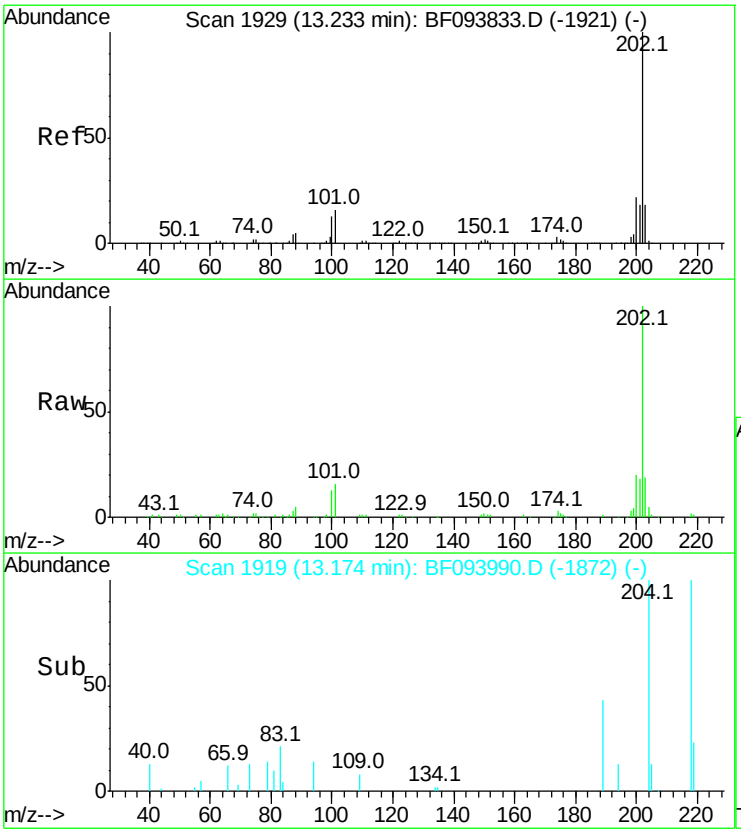
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 325040

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.9	20.5	30.7

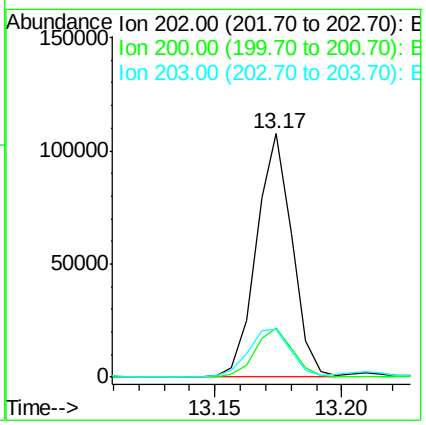


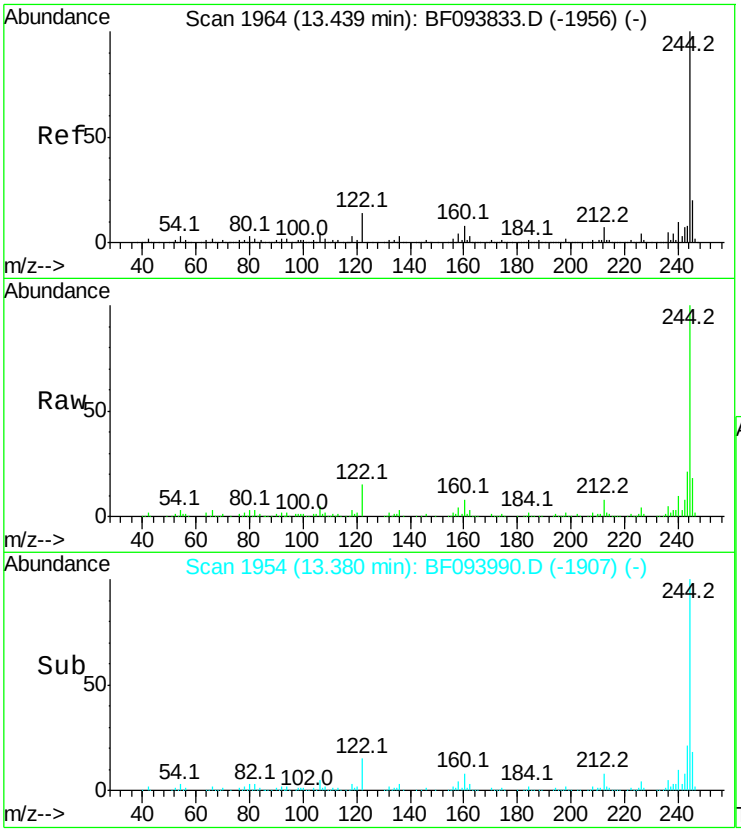


#77
Pyrene
Concen: 4.49 ng
RT: 13.17 min Scan# 1919
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Tgt Ion:202 Resp: 105858

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	19.4	14.4	21.6



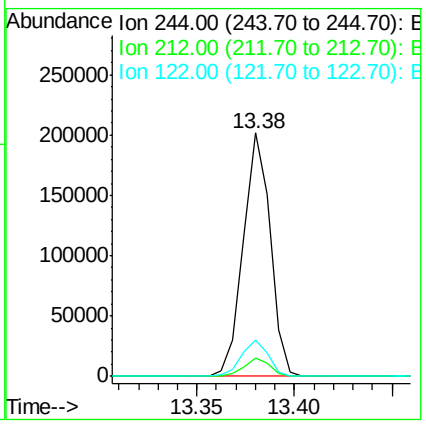


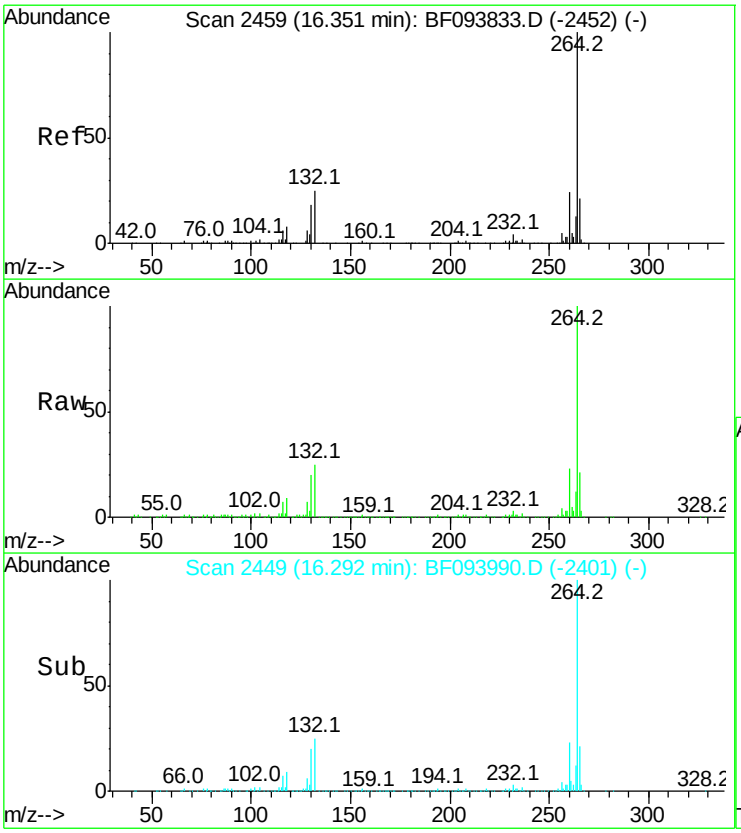
#78
Terphenyl-d14
Concen: 13.36 ng
RT: 13.38 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 193782

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	15.0	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BF093990.D
Acq: 28 Mar 2017 13:27

Tgt Ion:264 Resp: 291889

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.3	17.2	25.8