Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092089.D
Acq On : 5 Jan 2017 1:04
Operator : UM/SJ
Sample : I1004-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-35

Quant Time: Jan 05 02:16:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 05 00:16:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	192096	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	665210	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	350638	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	670400	20.00	ng	0.00
75) Chrysene-d12	13.80	240	467911	20.00	ng	-0.01
86) Perylene-d12	15.18	264	384372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	393717	34.22	ng	0.00
7) Phenol-d6	6.32	99	296414	21.10	ng	-0.01
23) Nitrobenzene-d5	7.24	82	719224	60.12	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	212234	73.14	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1003876	53.95	ng	0.00
78) Terphenyl-d14	12.76	244	928065	48.10	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.33	94	191799	11.98	ng	# 72
51) Acenaphthene	9.74	154	72717	3.67	ng	91
54) Dibenzofuran	9.91	168	101389	3.79	ng	# 83
57) Fluorene	10.24	166	51420	2.64	ng	# 83

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

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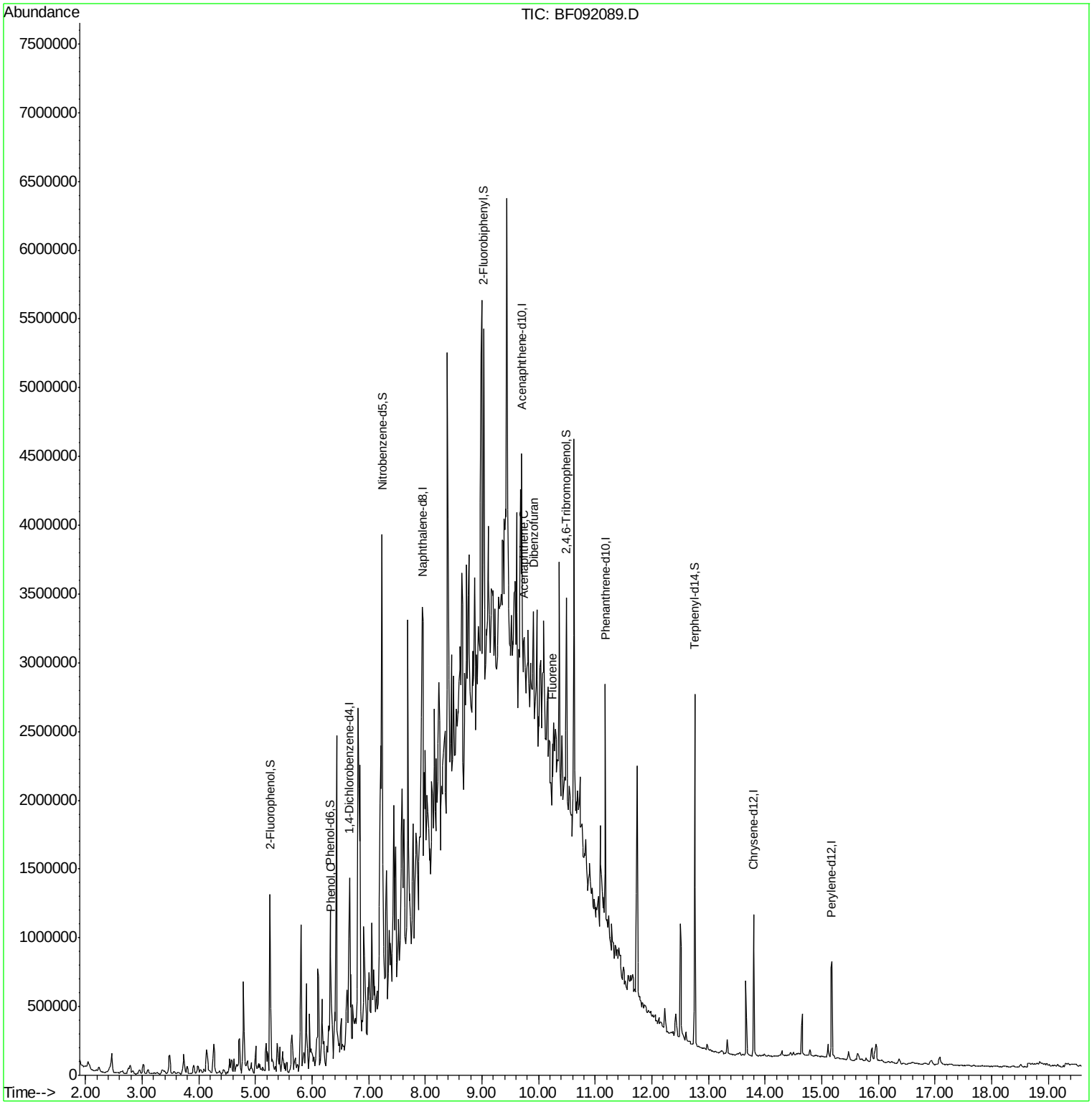
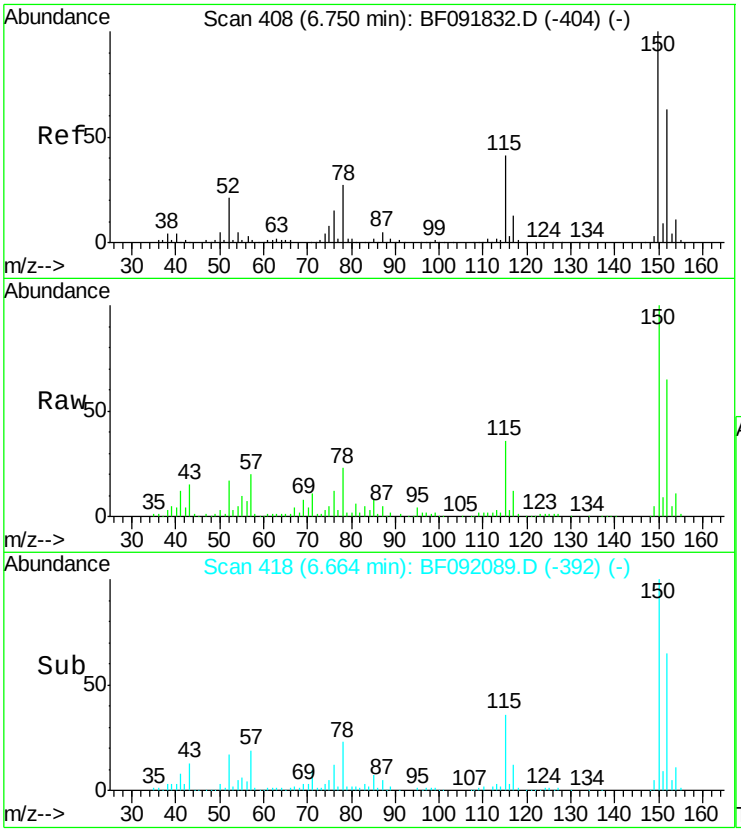


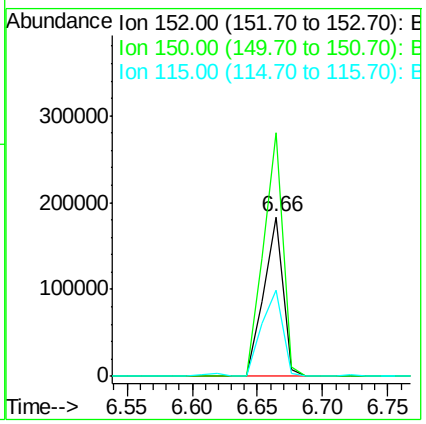


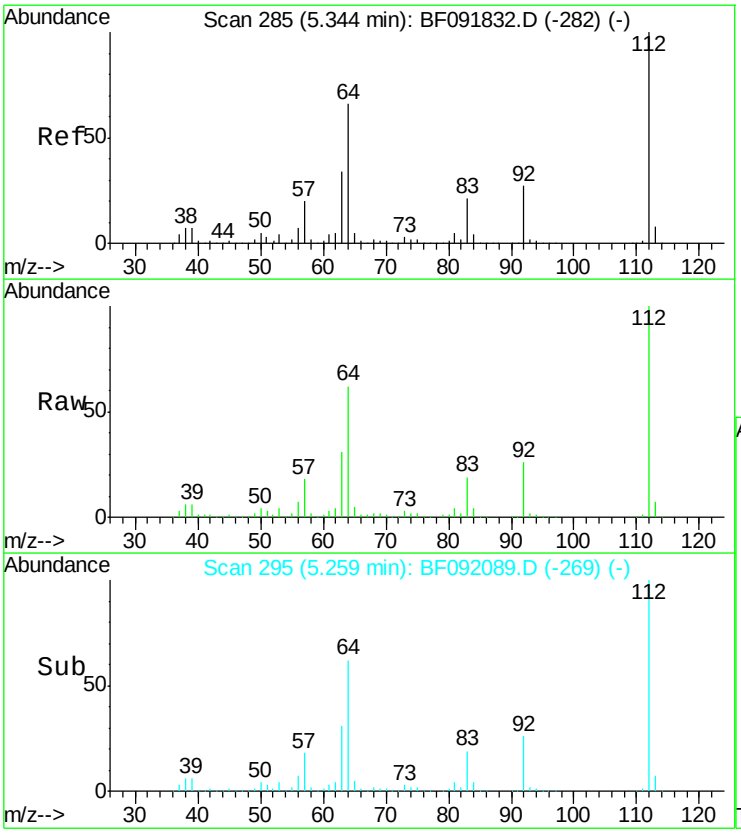
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion:152 Resp: 192096

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.9	187.3
115	54.5	46.0	69.0

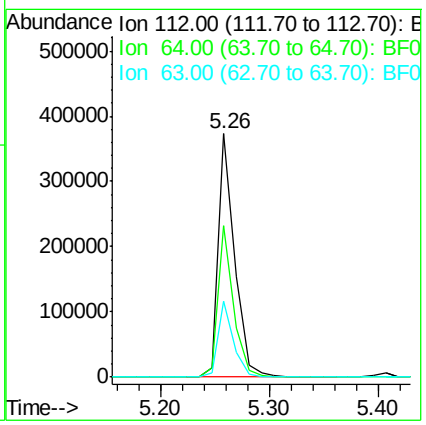


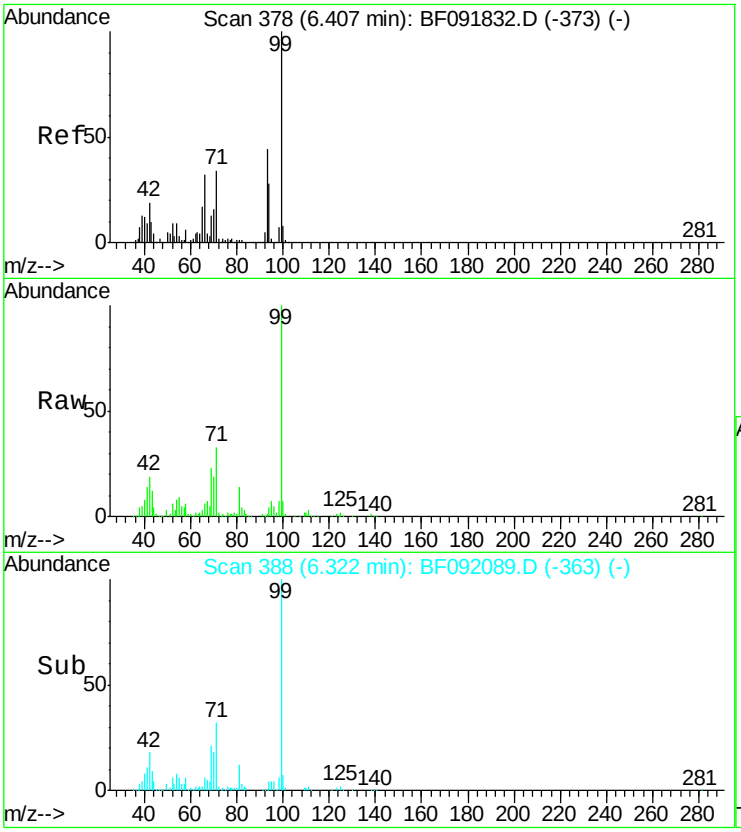


#5
2-Fluorophenol
Concen: 34.22 ng
RT: 5.26 min Scan# 295
Delta R.T. -0.00 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Tgt Ion:112 Resp: 393717

Ion	Ratio	Lower	Upper
112	100		
64	62.0	46.1	69.1
63	31.4	23.8	35.6



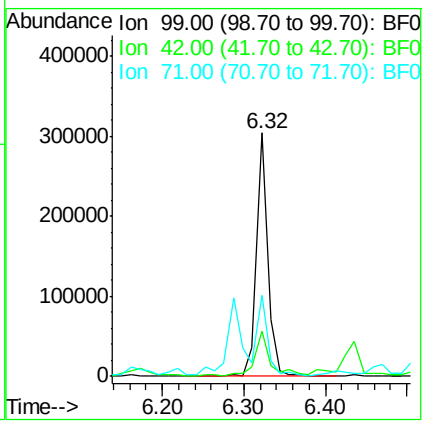


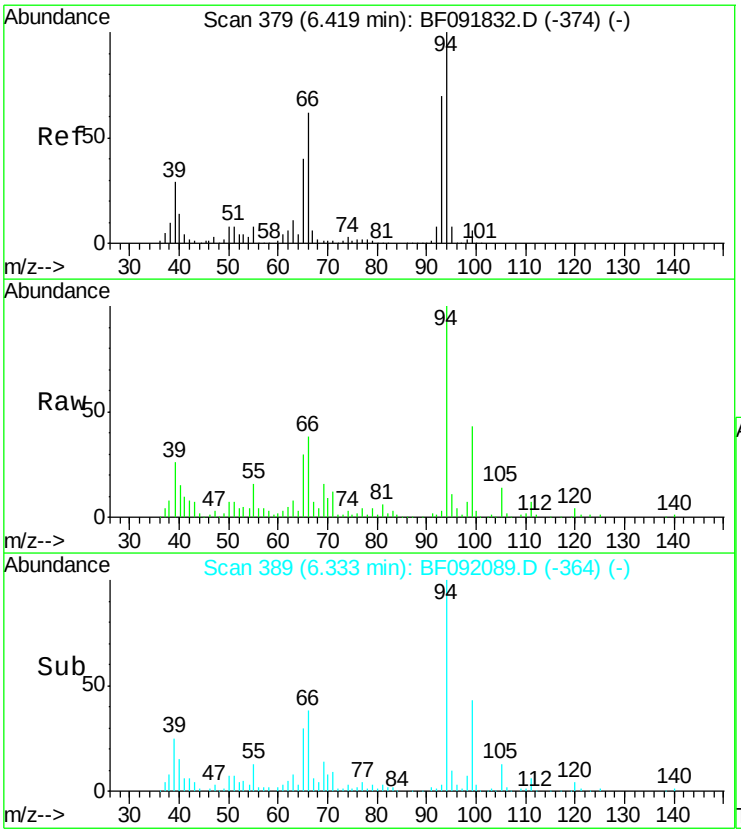
#7
Phenol-d6
Concen: 21.10 ng
RT: 6.32 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion: 99 Resp: 296414

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.6	23.4
71	33.3	27.5	41.3

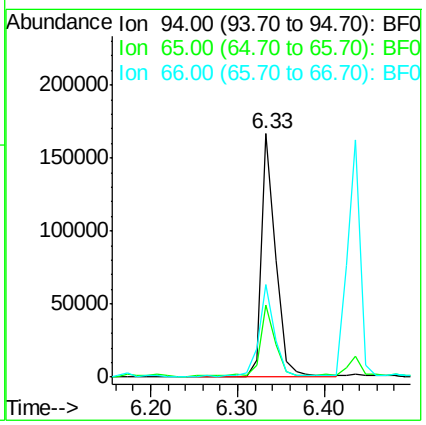


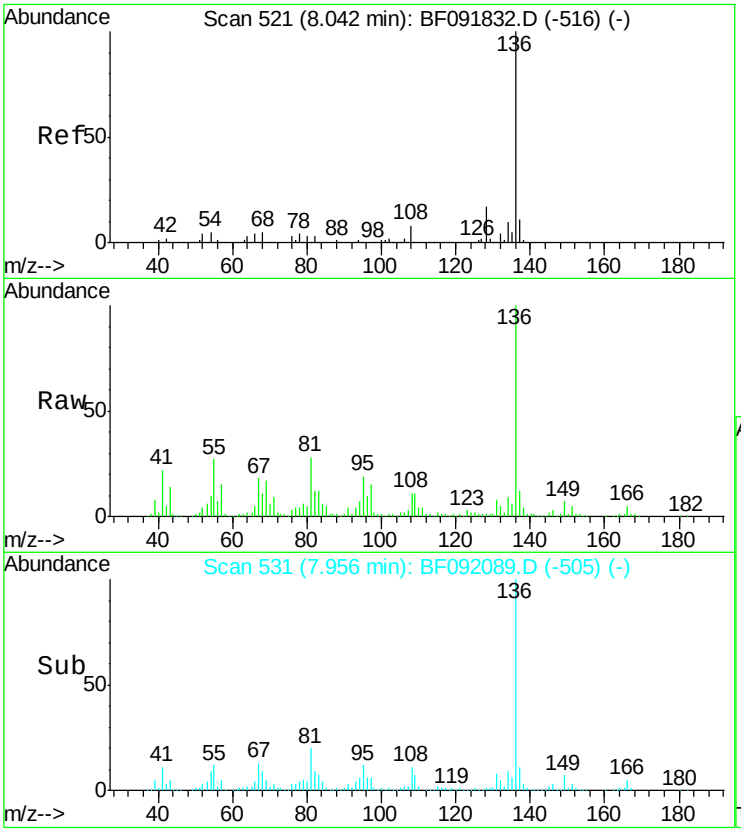


#10
Phenol
Concen: 11.98 ng
RT: 6.33 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Tgt Ion: 94 Resp: 191799

Ion	Ratio	Lower	Upper
94	100		
65	29.7	21.4	61.4
66	37.9	44.0	84.0#



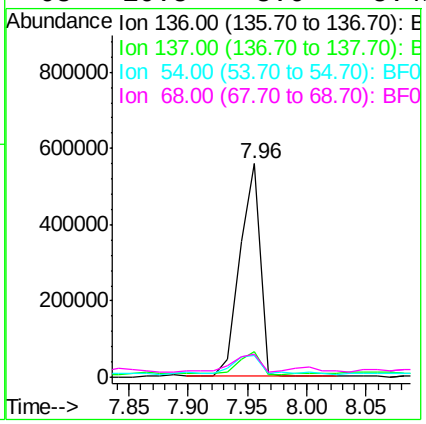


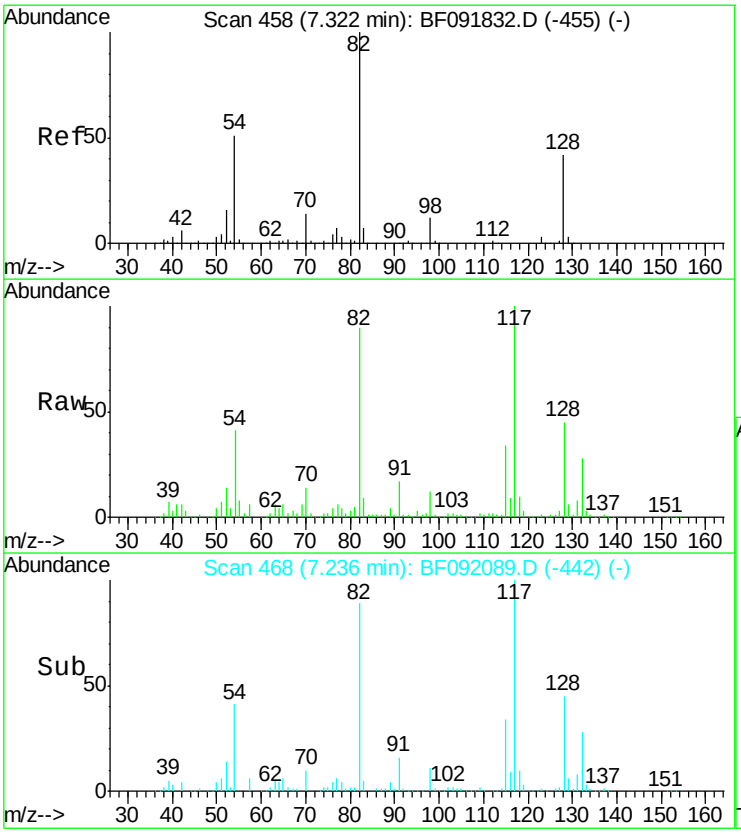
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion:136 Resp: 665210

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.4	12.6
54	10.4	4.5	6.7#
68	10.5	3.6	5.4#

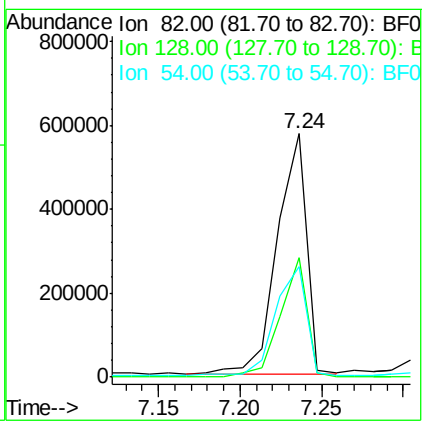


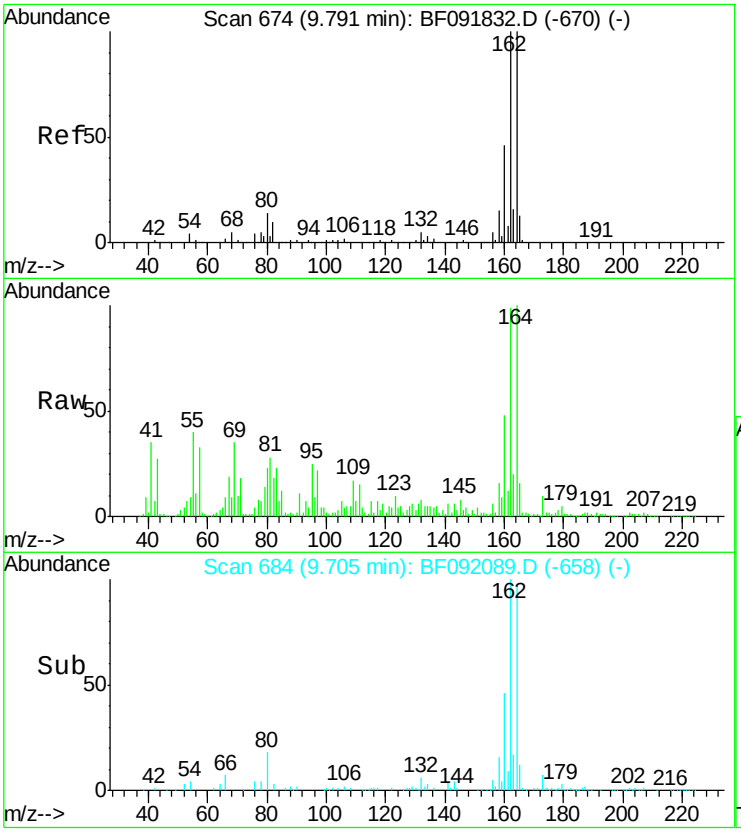


#23
Nitrobenzene-d5
Concen: 60.12 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Tgt Ion: 82 Resp: 719224

Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.6	52.0
54	45.5	39.5	59.3



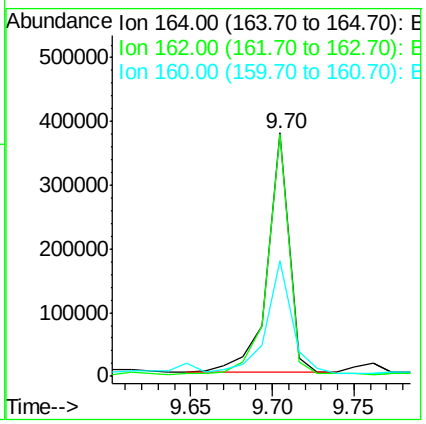


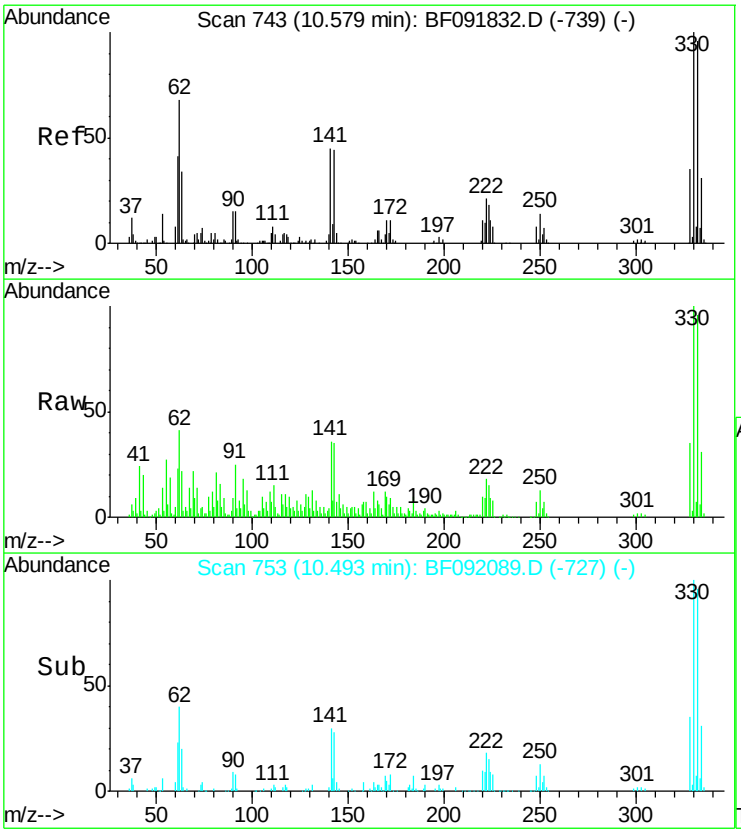
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion:164 Resp: 350638

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.2	120.2
160	47.6	36.9	55.3

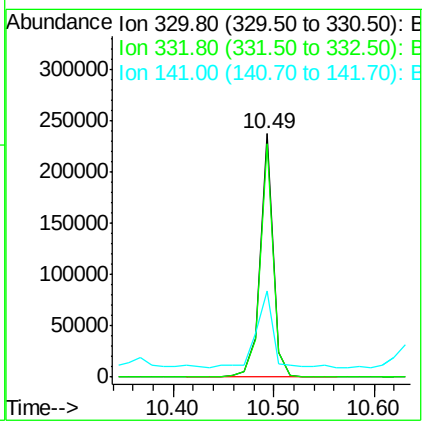


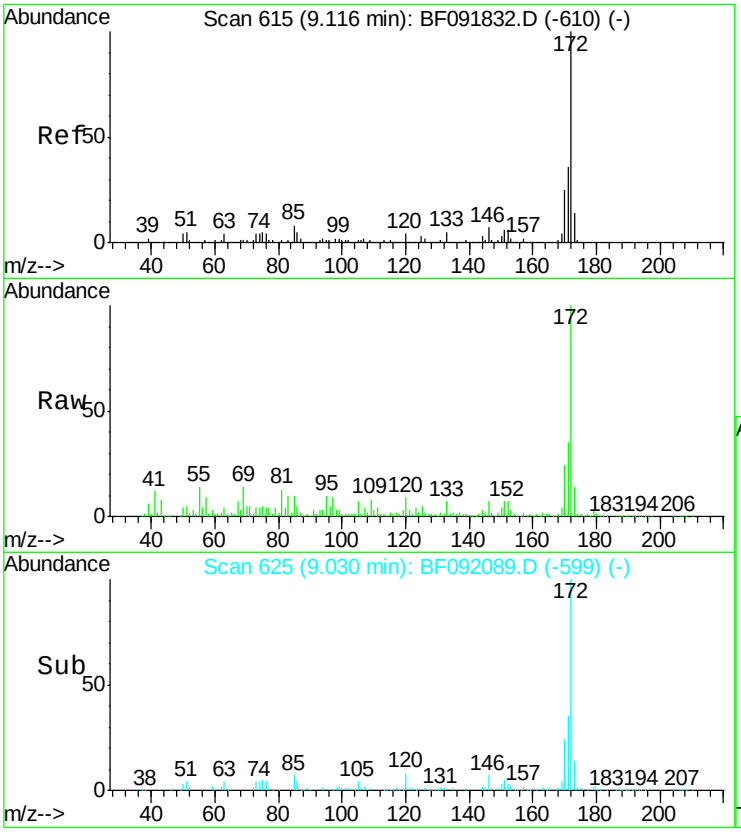


#41
2,4,6-Tribromophenol
Concen: 73.14 ng
RT: 10.49 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Tgt Ion:330 Resp: 212234

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	40.7	34.1	51.1



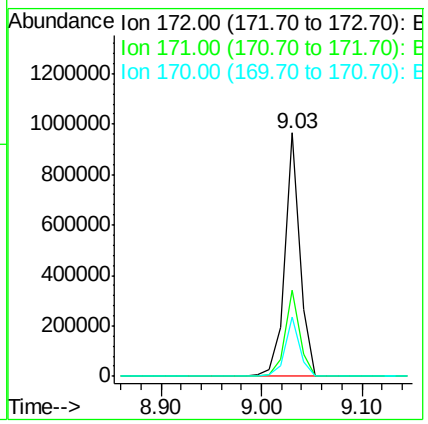


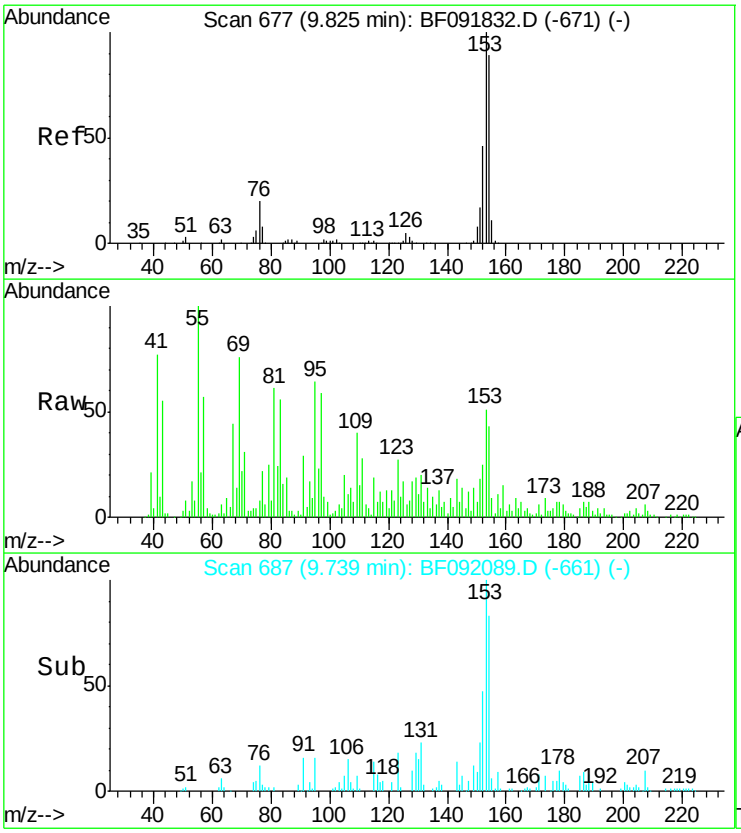
#44
2-Fluorobiphenyl
Concen: 53.95 ng
RT: 9.03 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion:172 Resp: 1003876

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	24.1	20.2	30.4

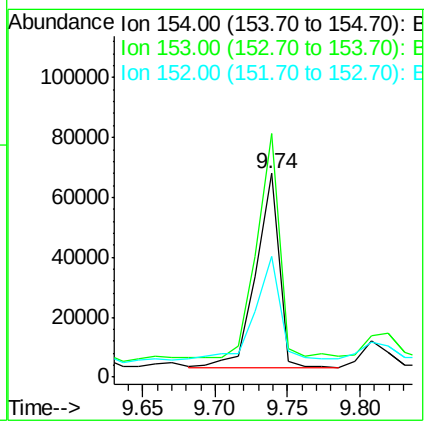


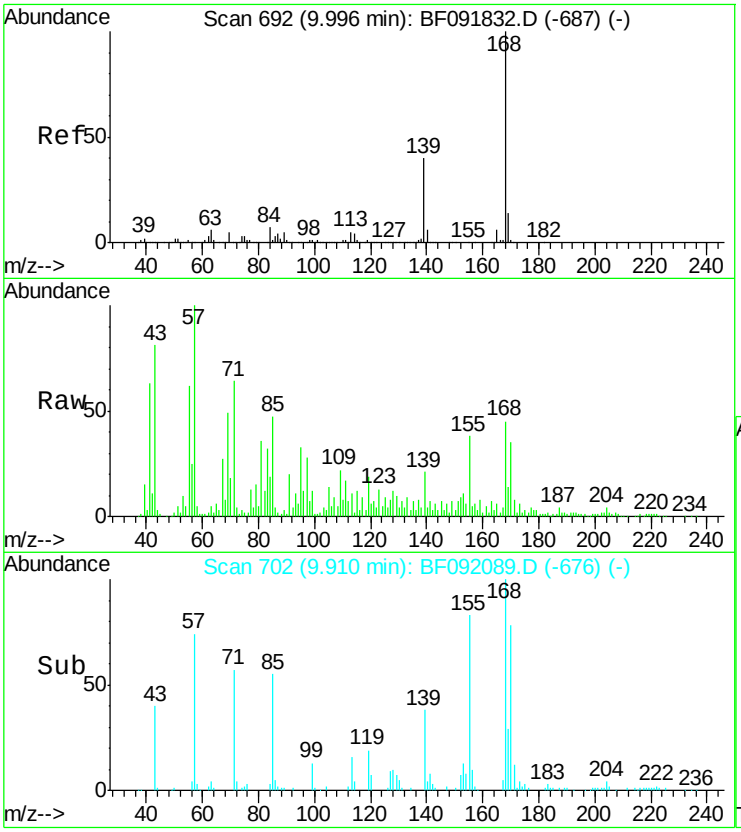


#51
Acenaphthene
Concen: 3.67 ng
RT: 9.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Tgt Ion:154 Resp: 72717

Ion	Ratio	Lower	Upper
154	100		
153	119.5	88.6	133.0
152	59.2	41.6	62.4



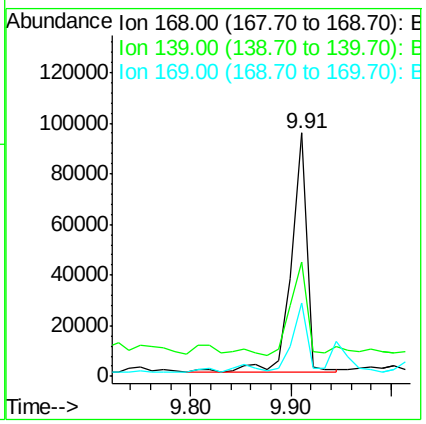


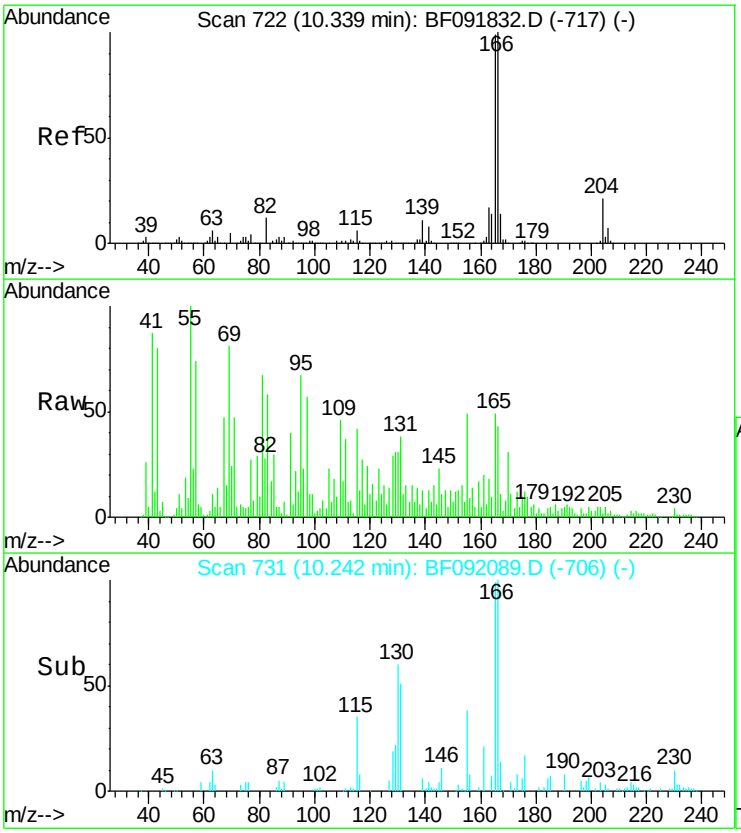
#54
Dibenzofuran
Concen: 3.79 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion:168 Resp: 101389

Ion	Ratio	Lower	Upper
168	100		
139	46.7	32.6	49.0
169	30.3	11.3	16.9#

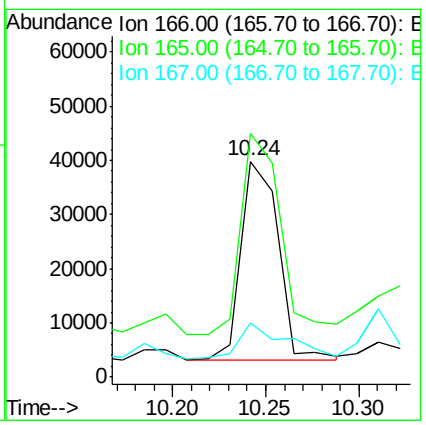


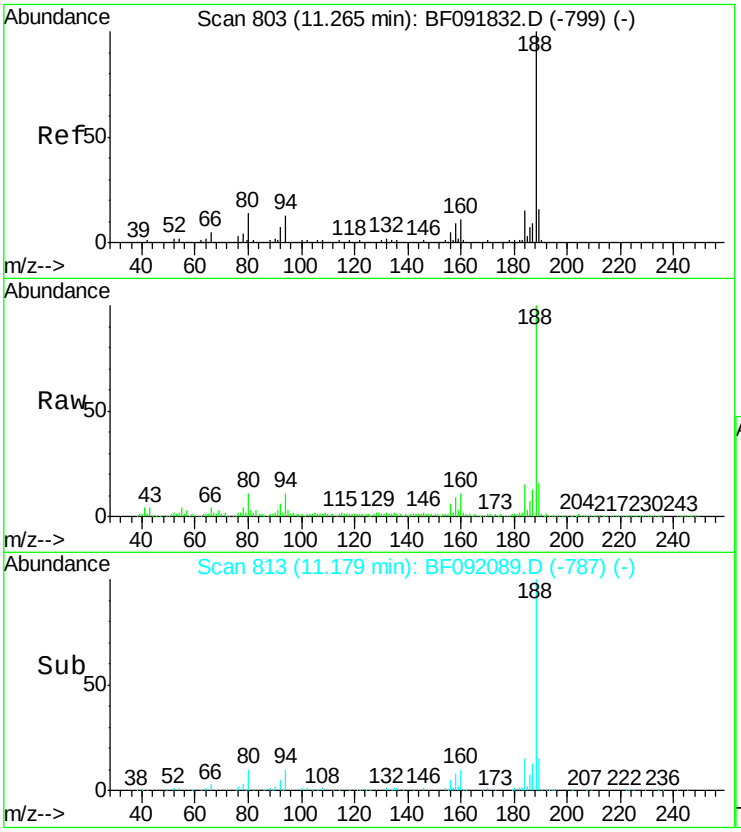


#57
Fluorene
Concen: 2.64 ng
RT: 10.24 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Tgt Ion:166 Resp: 51420

Ion	Ratio	Lower	Upper
166	100		
165	112.8	77.8	116.8
167	25.1	10.8	16.2#



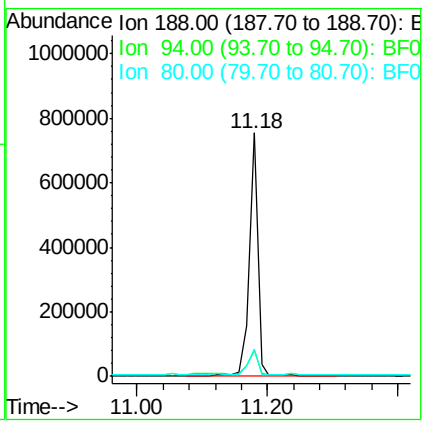


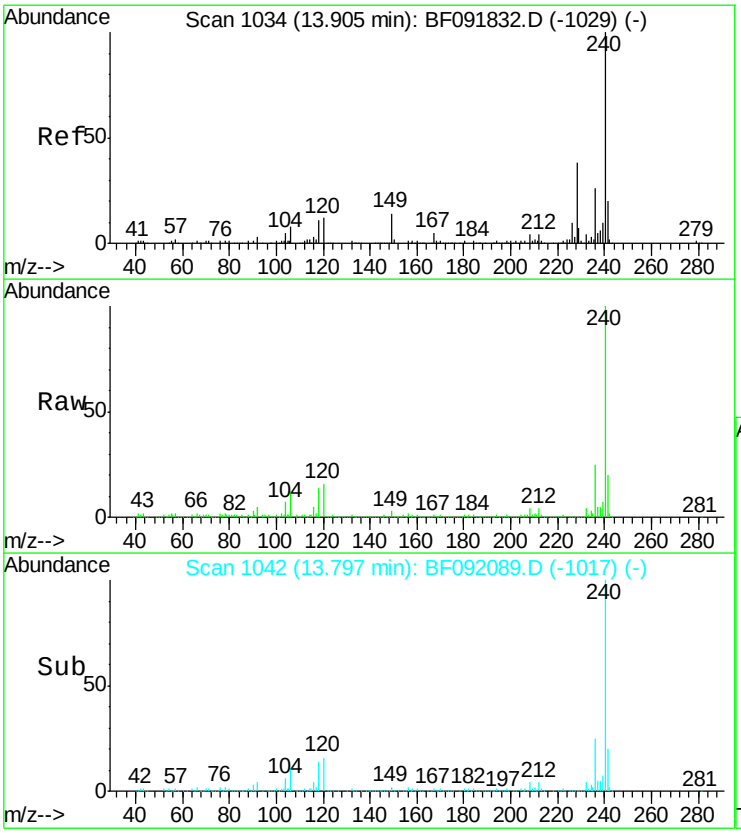
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion:188 Resp: 670400

Ion	Ratio	Lower	Upper
188	100		
94	10.6	10.0	15.0
80	11.1	11.2	16.8#

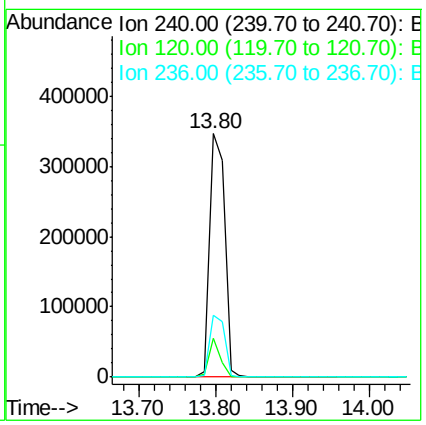


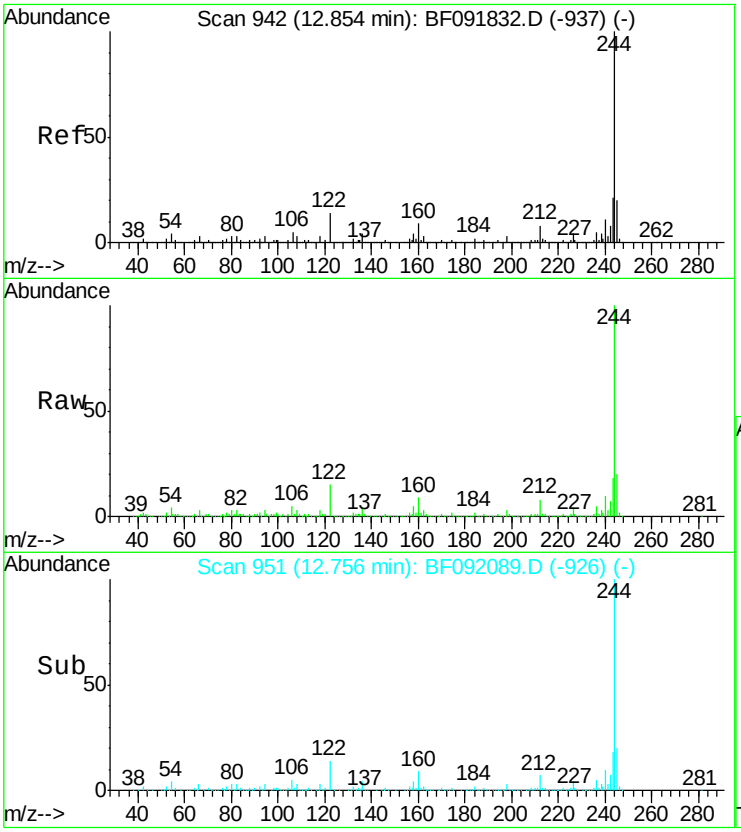


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Tgt Ion:240 Resp: 467911

Ion	Ratio	Lower	Upper
240	100		
120	16.1	12.9	19.3
236	25.2	20.9	31.3



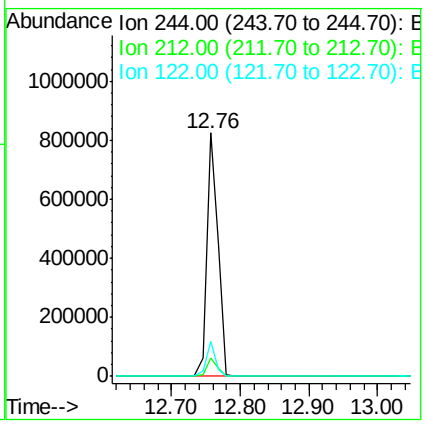


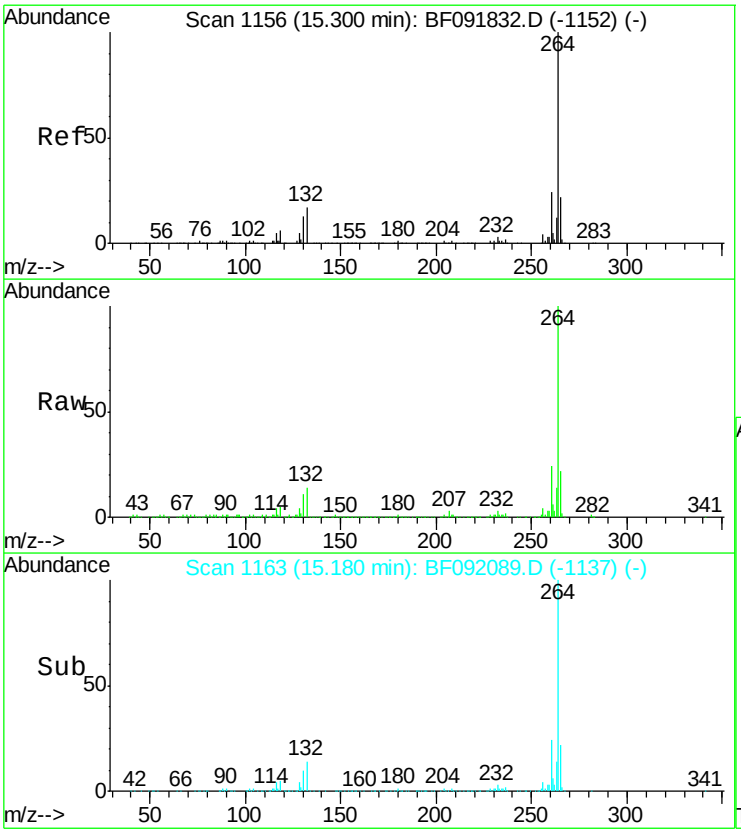
#78
Terphenyl-d14
Concen: 48.10 ng
RT: 12.76 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion:244 Resp: 928065

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	14.5	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF092089.D
Acq: 5 Jan 2017 1:04

Tgt Ion:264 Resp: 384372

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	17.4	26.0