Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084358.D
Acq On : 10 Jan 2016 12:06
Operator : SJ/UM
Sample : H1043-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3S(0-10)

Quant Time: Jan 11 04:11:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	258587	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1066555	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	497240	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	910586	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	703812	20.00	ng	-0.05
86) Perylene-d12	15.44	264	504149	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1606349	100.48	ng	-0.02
7) Phenol-d6	6.51	99	2365638	117.82	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1584640	82.69	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	542410	108.05	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	2032873	70.87	ng	-0.04
78) Terphenyl-d14	12.97	244	1893730	60.06	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	578469	16.27	ng	# 91
70) Phenanthrene	11.40	178	335835	7.05	ng	99
74) Fluoranthene	12.59	202	467361	9.39	ng	95
77) Pyrene	12.82	202	396423	7.18	ng	99
80) Benzo(a)anthracene	14.01	228	182693	4.42	ng	100
82) Chrysene	14.04	228	151808m	3.82	ng	
87) Benzo(b)fluoranthene	15.03	252	168390m	5.11	ng	
89) Benzo(a)pyrene	15.38	252	106799	3.82	ng	98
91) Benzo(g,h,i)perylene	17.24	276	60300	2.42	ng	99

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

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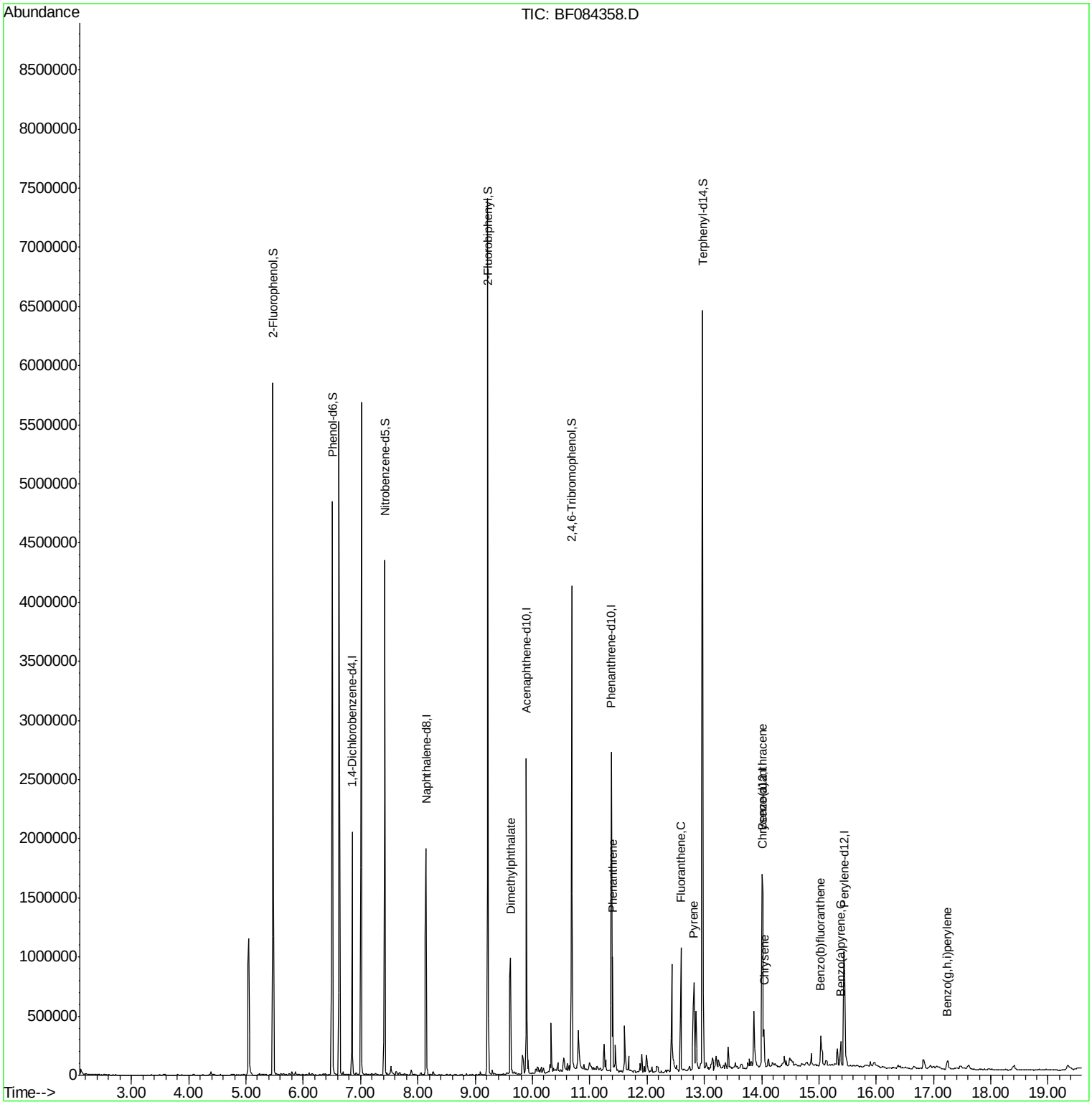
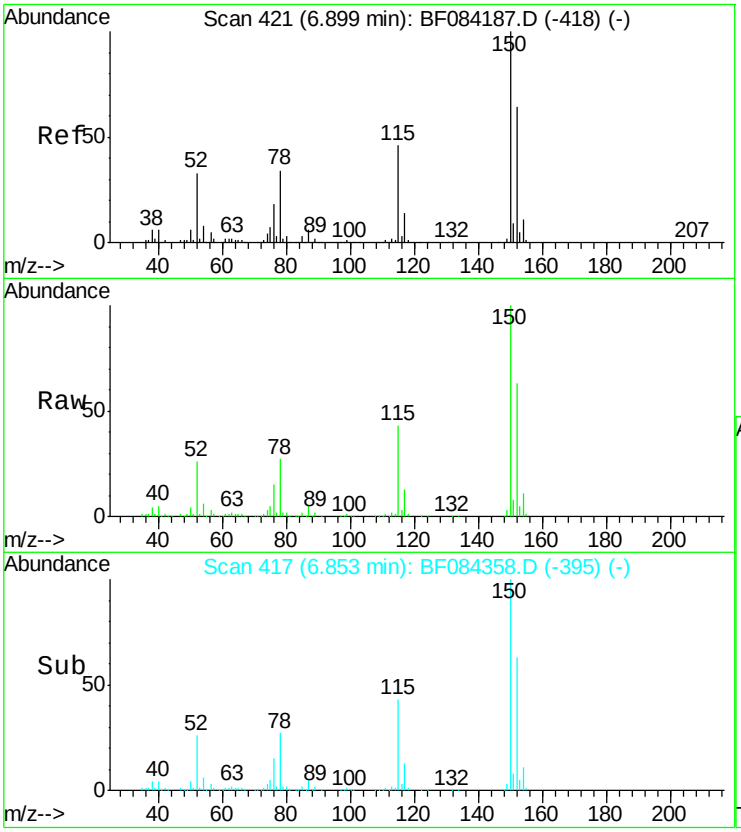
Instrument :
BNA_F
ClientSampleId :
SB-3S(0-10)

Quant Time: Jan 11 04:11:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



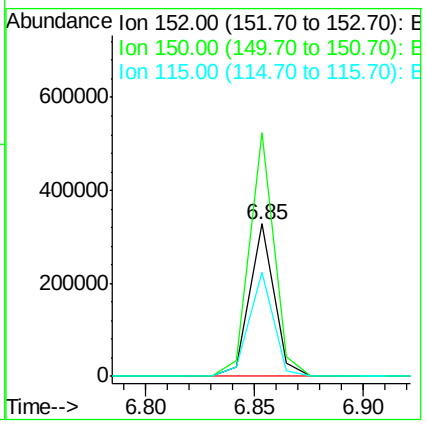


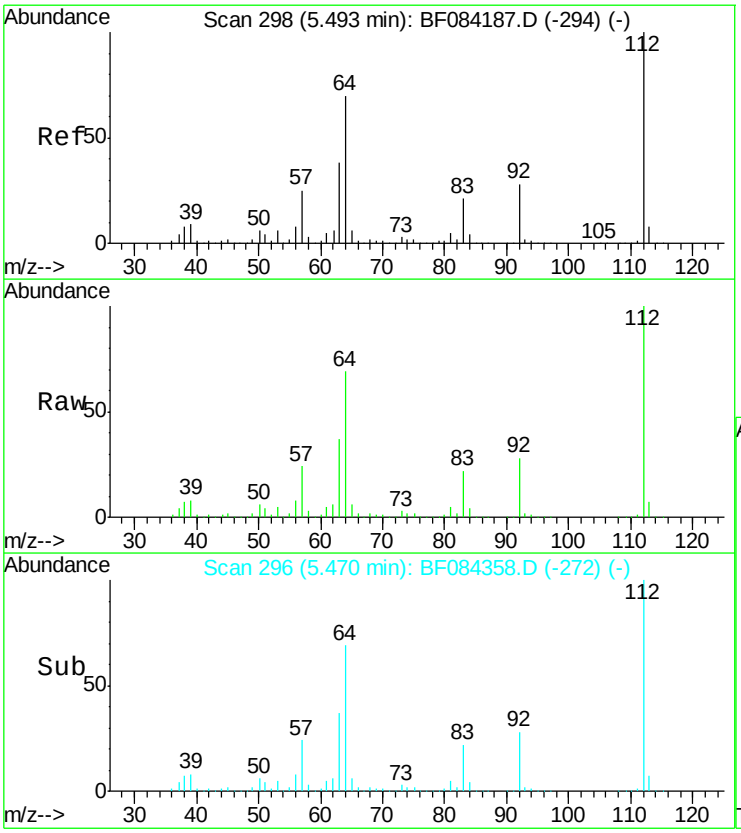
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Instrument :
BNA_F
ClientSampleId :
SB-3S(0-10)

Tgt Ion:152 Resp: 258587

Ion	Ratio	Lower	Upper
152	100		
150	159.8	123.0	184.4
115	68.3	51.4	77.2

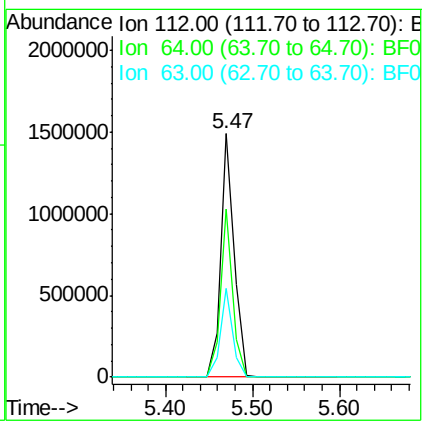


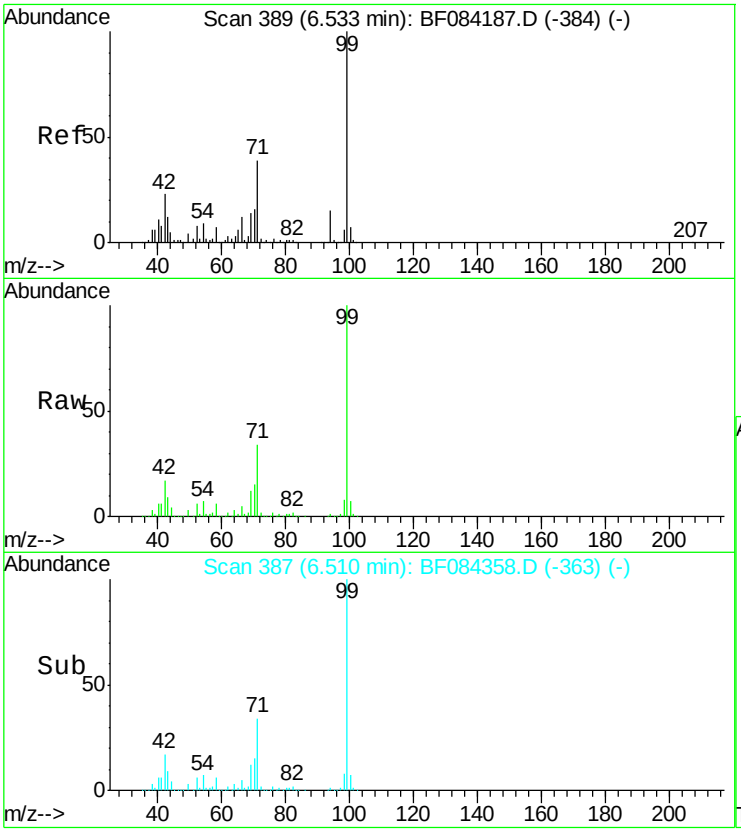


#5
2-Fluorophenol
Concen: 100.48 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Tgt Ion:112 Resp: 1606349

Ion	Ratio	Lower	Upper
112	100		
64	69.0	36.6	55.0#
63	36.7	19.4	29.0#



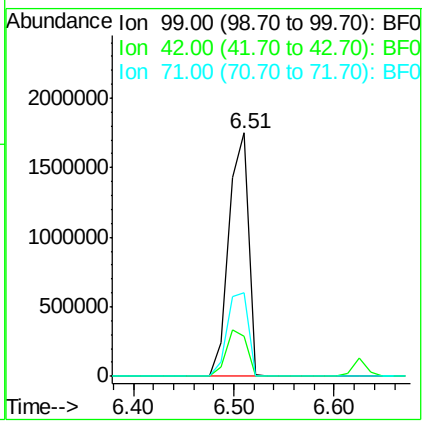


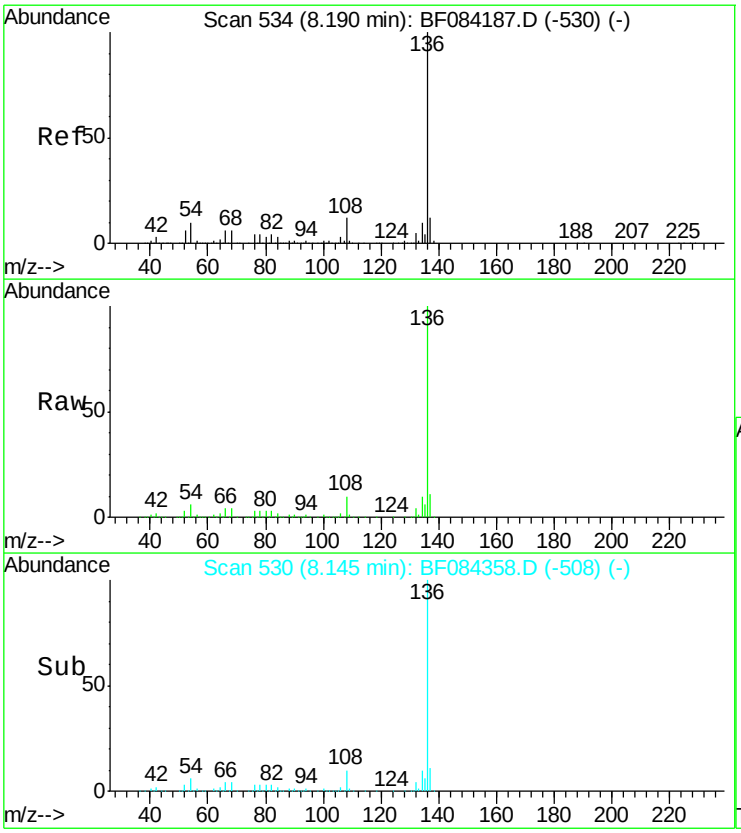
#7
Phenol-d6
Concen: 117.82 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Instrument :
BNA_F
ClientSampleId :
SB-3S(0-10)

Tgt Ion: 99 Resp: 2365638

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.8	19.2
71	34.2	30.9	46.3

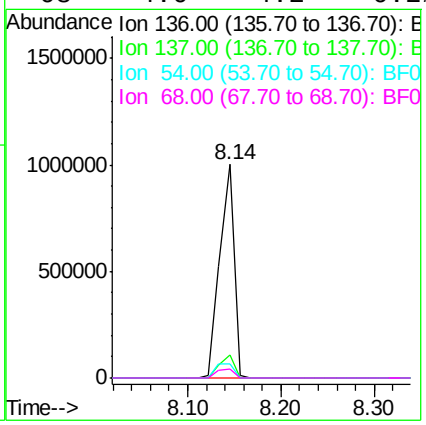


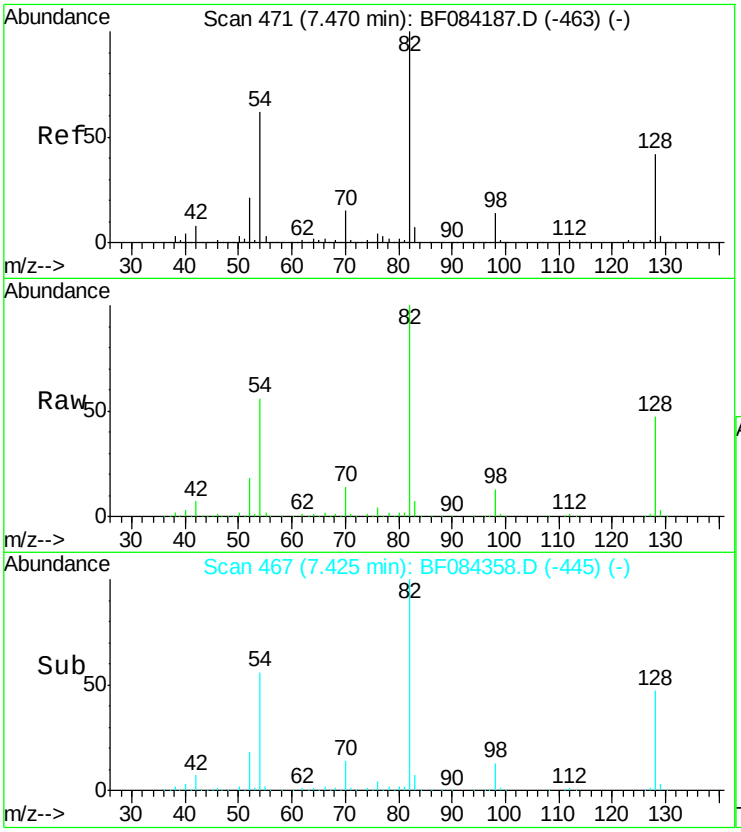


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Tgt Ion:136 Resp: 1066555

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.5	5.8	8.8
68	4.0	4.2	6.2#



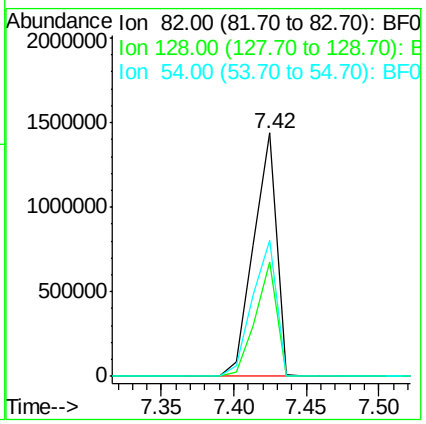


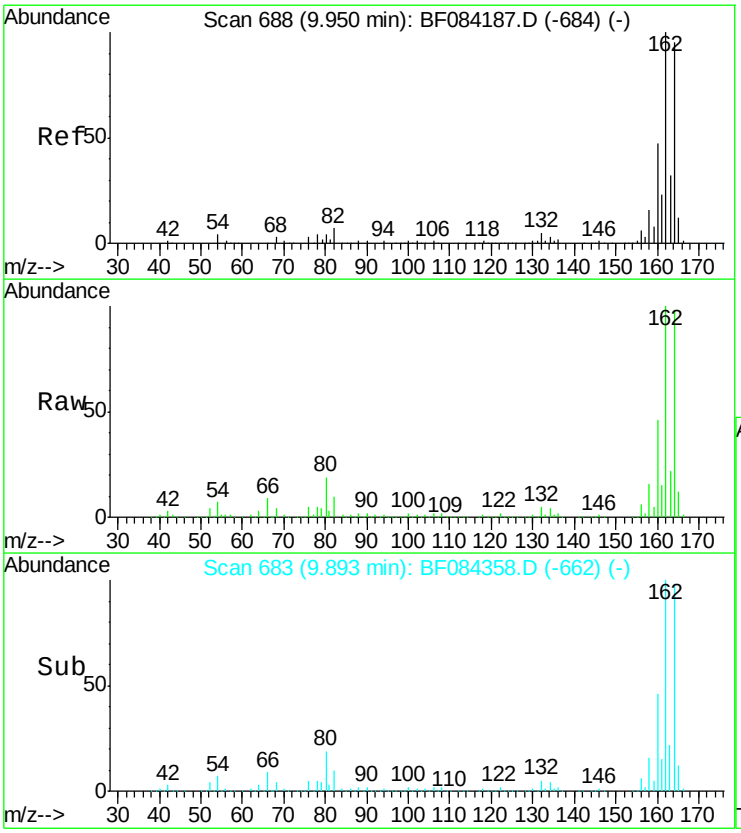
#23
Nitrobenzene-d5
Concen: 82.69 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Instrument :
BNA_F
ClientSampleId :
SB-3S(0-10)

Tgt Ion: 82 Resp: 1584640

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.6	51.8
54	56.1	38.4	57.6

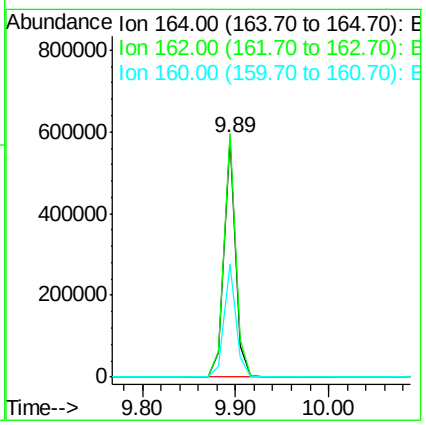


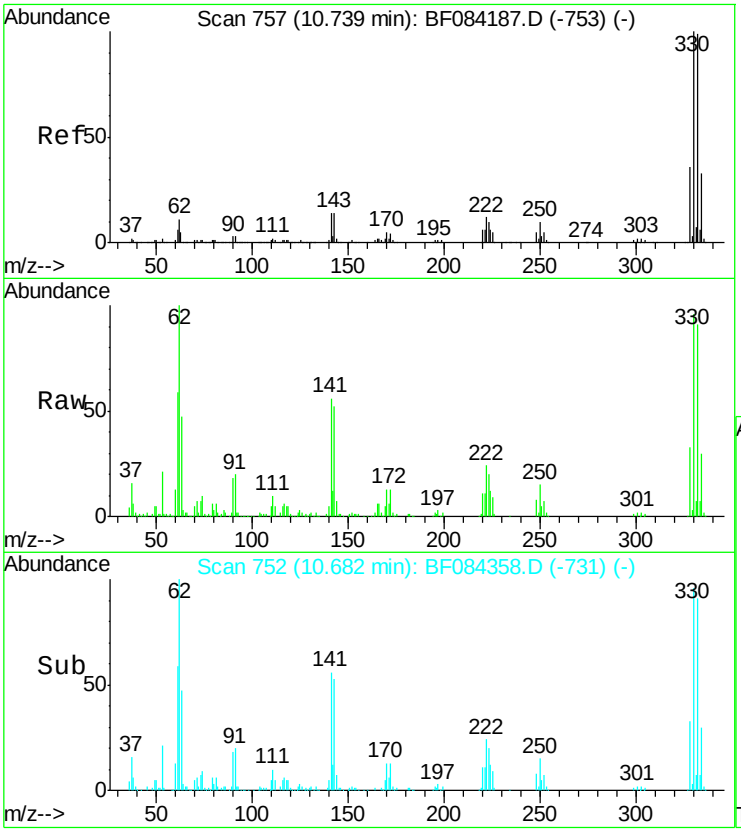


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Tgt Ion:164 Resp: 497240

Ion	Ratio	Lower	Upper
164	100		
162	102.0	85.1	127.7
160	47.4	37.5	56.3



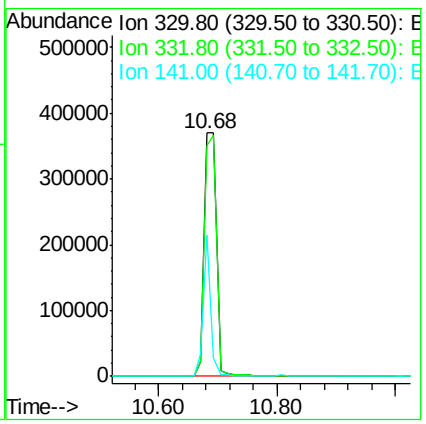


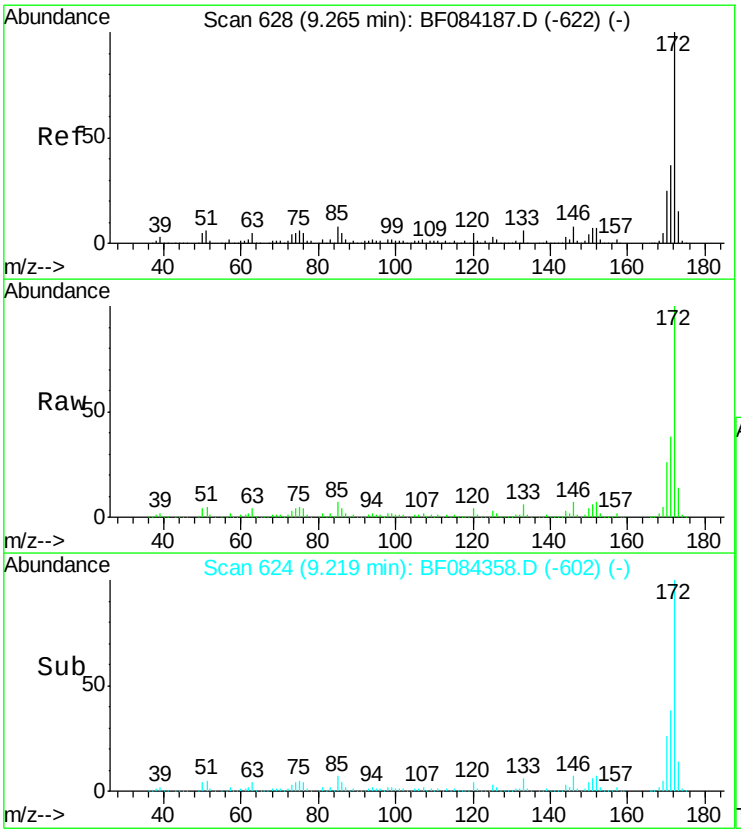
#41
2,4,6-Tribromophenol
Concen: 108.05 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.06 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Instrument :
BNA_F
ClientSampleId :
SB-3S(0-10)

Tgt Ion:330 Resp: 542410

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	35.6	27.8	41.6

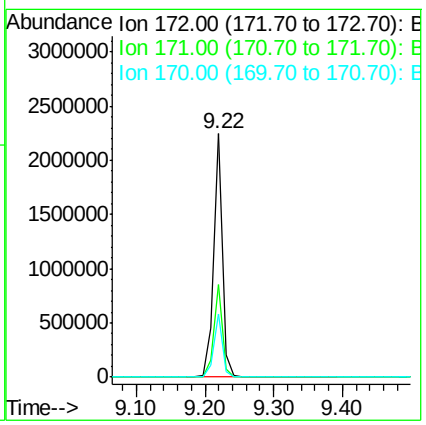


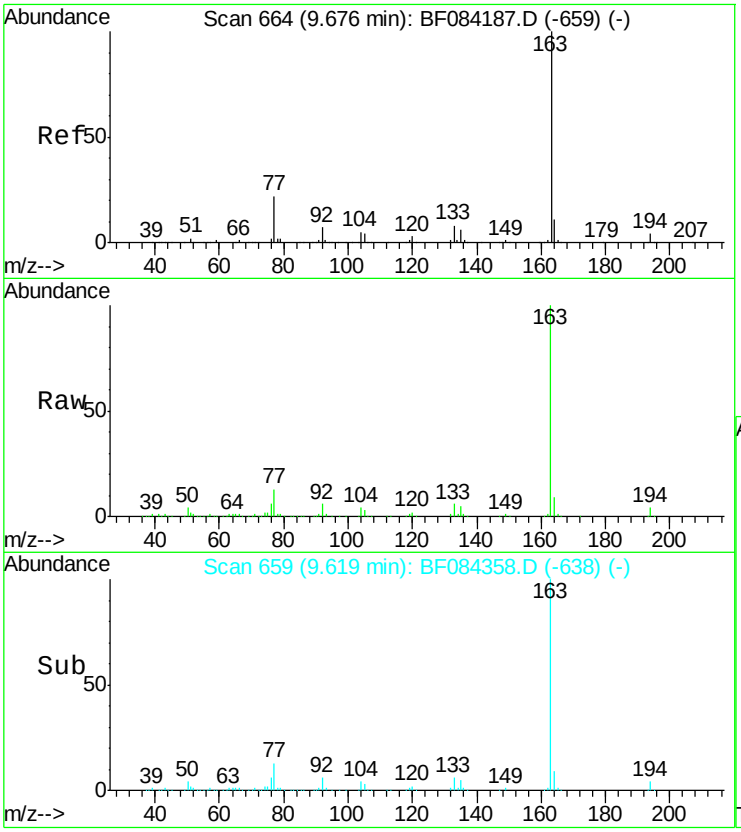


#44
2-Fluorobiphenyl
Concen: 70.87 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Tgt Ion:172 Resp: 2032873

Ion	Ratio	Lower	Upper
172	100		
171	38.2	28.9	43.3
170	25.9	18.6	27.8



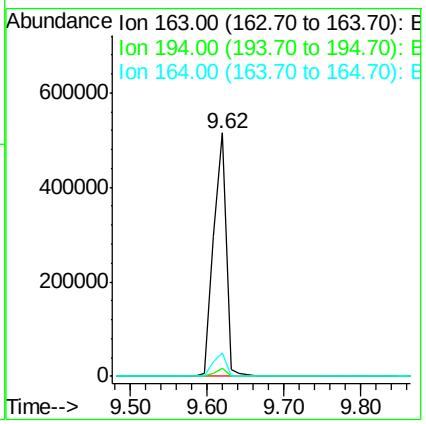


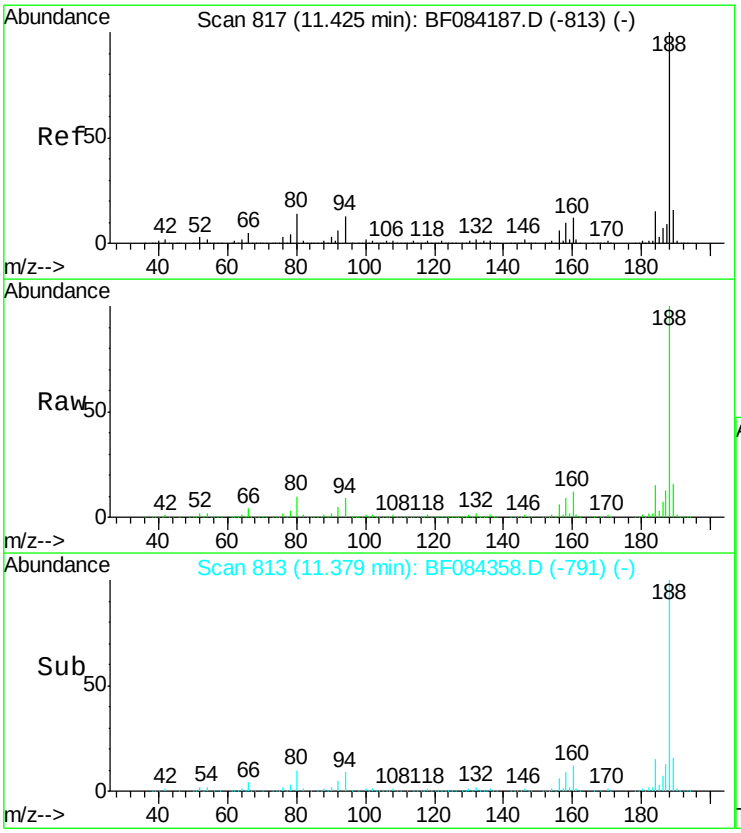
#49
Dimethylphthalate
Concen: 16.27 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Instrument :
BNA_F
ClientSampleId :
SB-3S(0-10)

Tgt Ion:163 Resp: 578469

Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	9.5	8.0	12.0

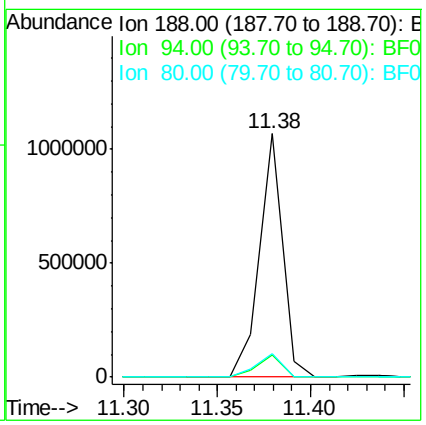


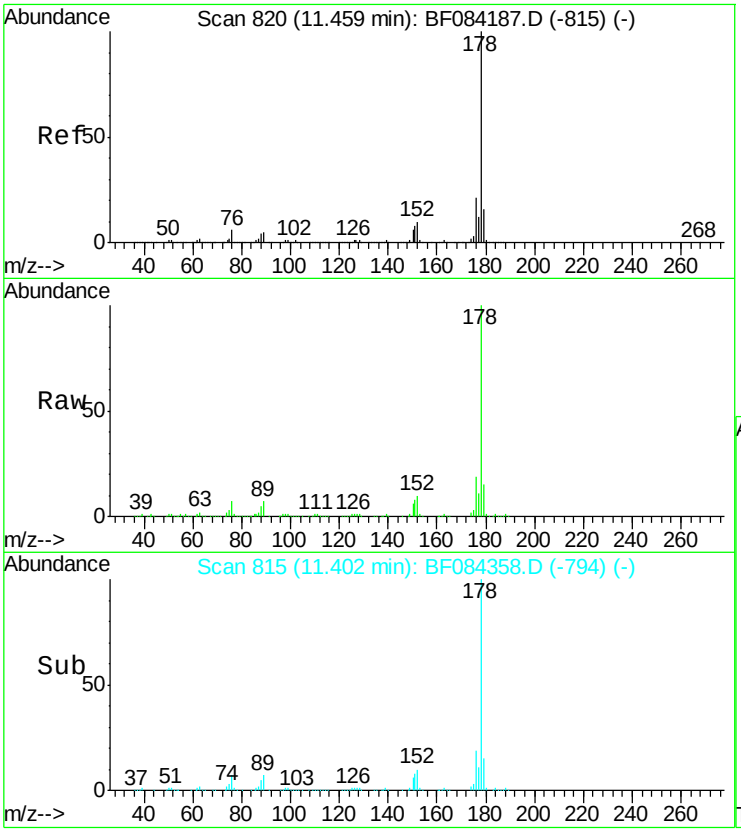


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Tgt Ion:188 Resp: 910586

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.6	9.6	14.4#



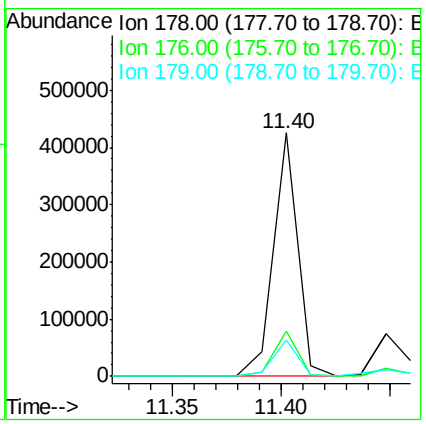


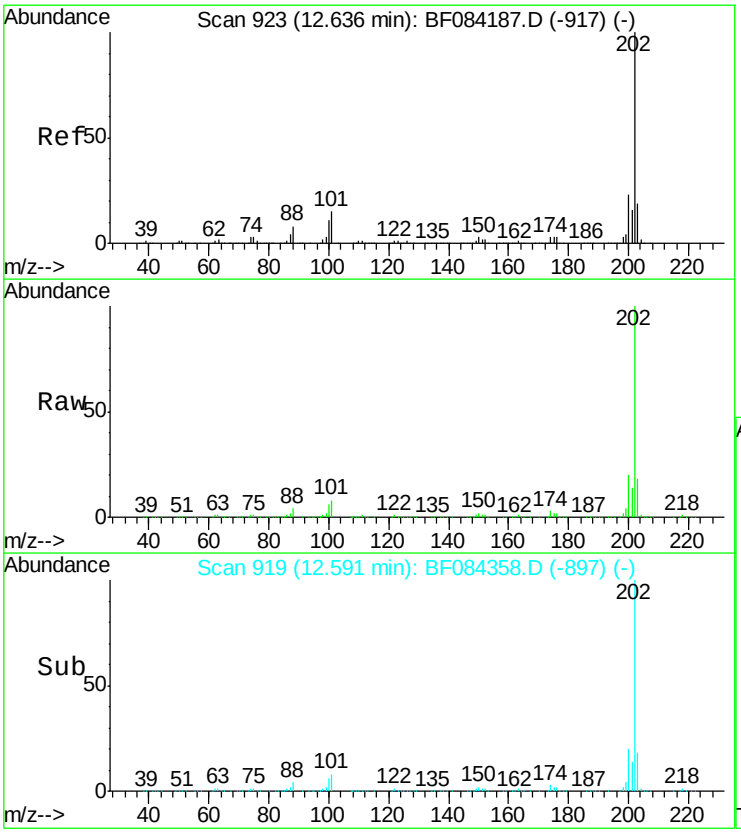
#70
Phenanthrene
Concen: 7.05 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.06 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Instrument :
BNA_F
ClientSampleId :
SB-3S(0-10)

Tgt Ion:178 Resp: 335835

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	14.9	12.0	18.0

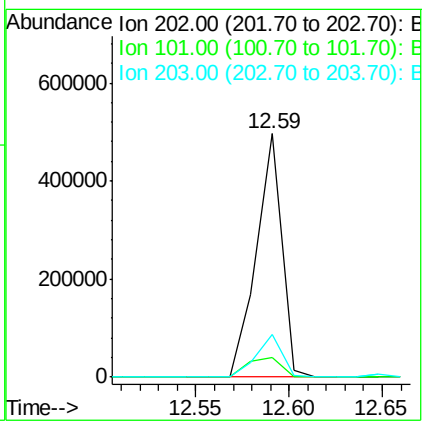


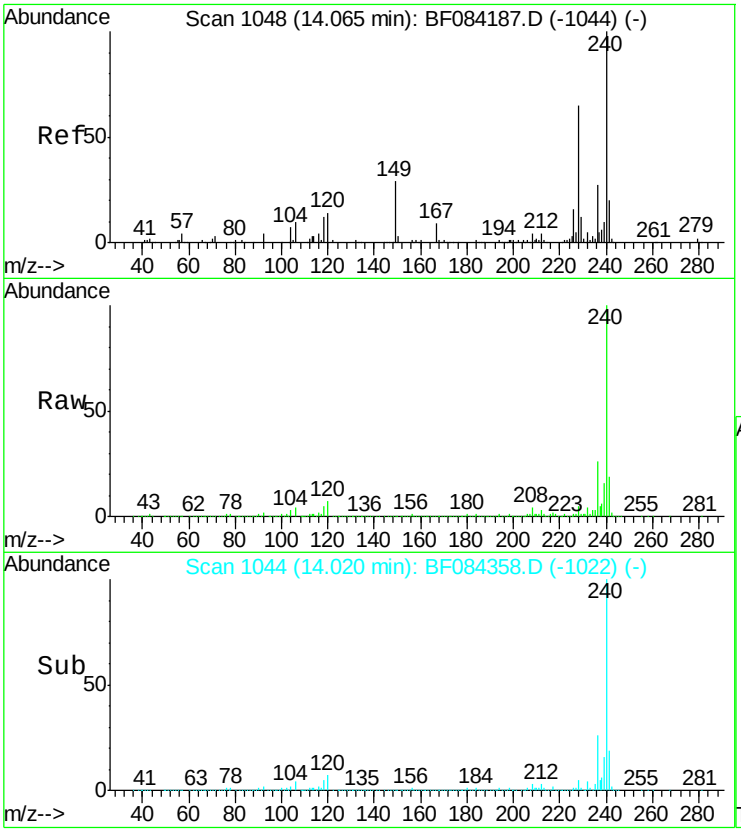


#74
Fluoranthene
Concen: 9.39 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Tgt Ion:202 Resp: 467361

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	32.8
203	17.6	0.0	37.9



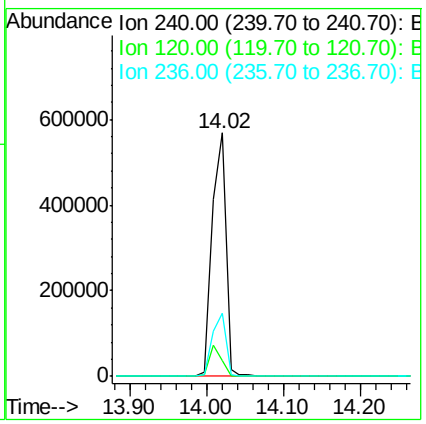


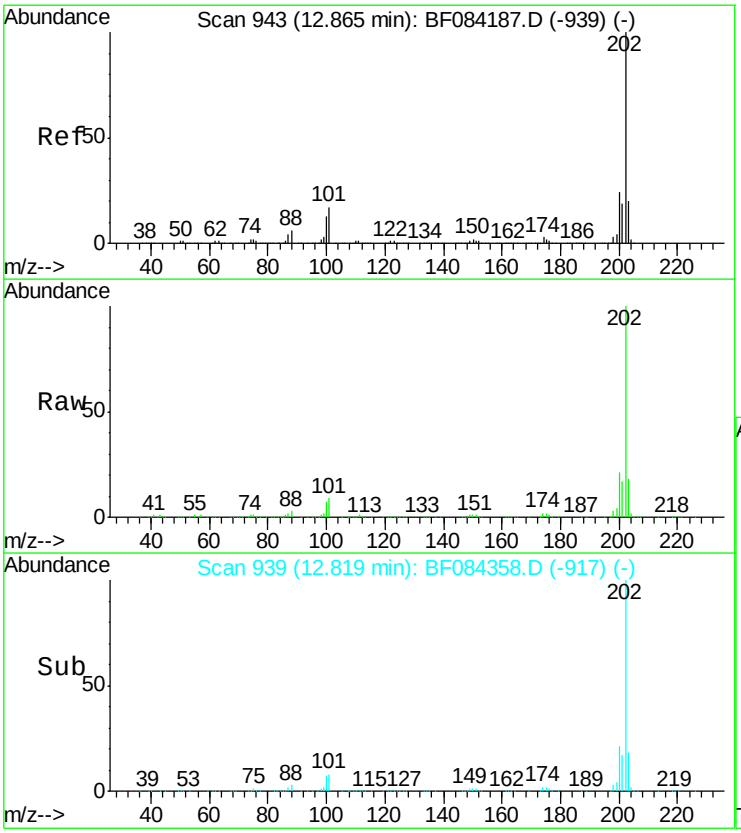
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Instrument :
BNA_F
ClientSampleId :
SB-3S(0-10)

Tgt Ion:240 Resp: 703812

Ion	Ratio	Lower	Upper
240	100		
120	6.5	9.5	14.3#
236	25.8	20.6	31.0

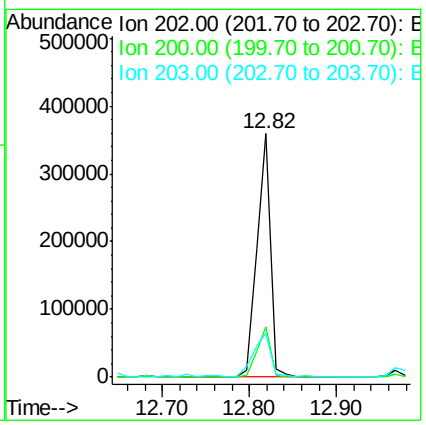


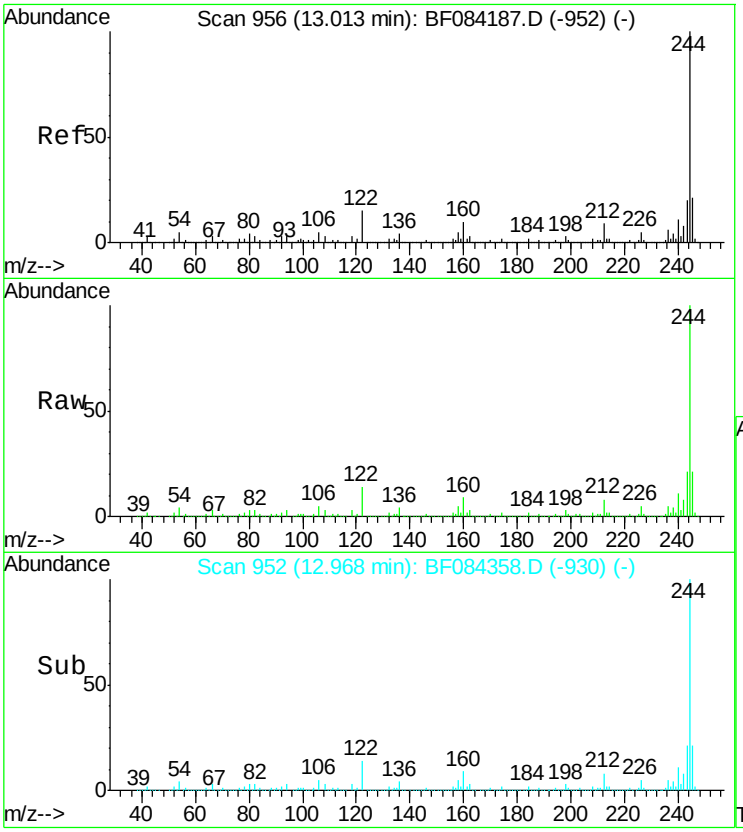


#77
Pyrene
Concen: 7.18 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Tgt Ion:202 Resp: 396423

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.2	25.8
203	17.8	14.3	21.5



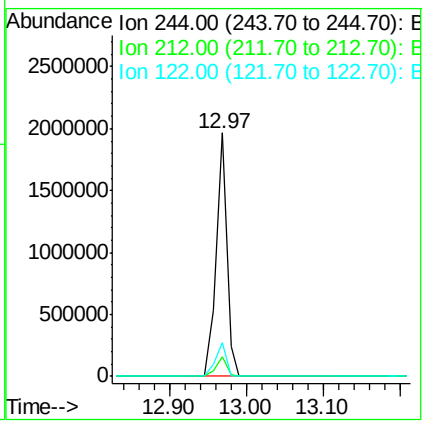


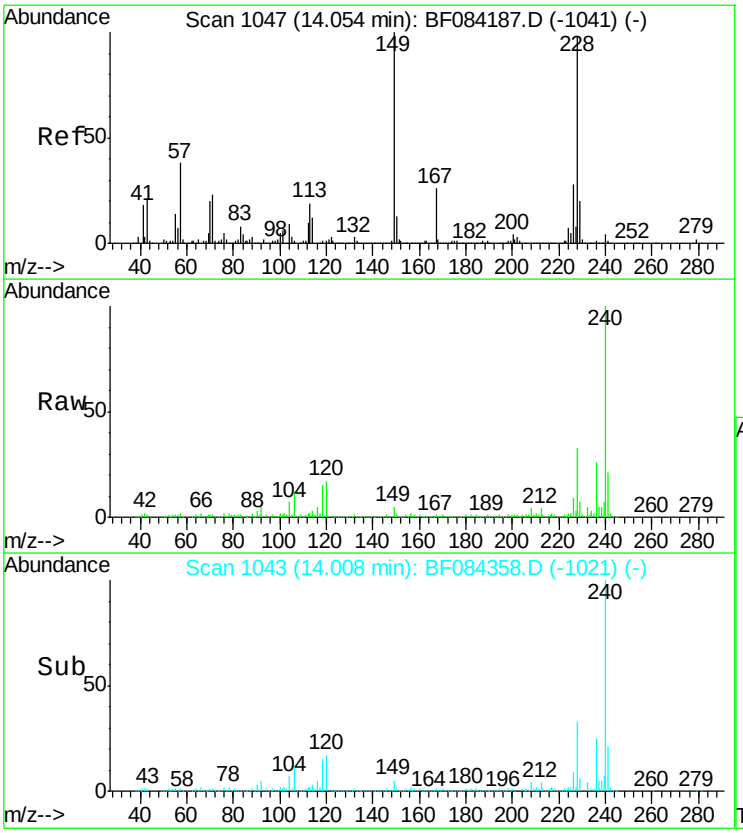
#78
Terphenyl-d14
Concen: 60.06 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Instrument :
BNA_F
ClientSampleId :
SB-3S(0-10)

Tgt Ion:244 Resp: 1893730

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	13.7	7.4	11.0#

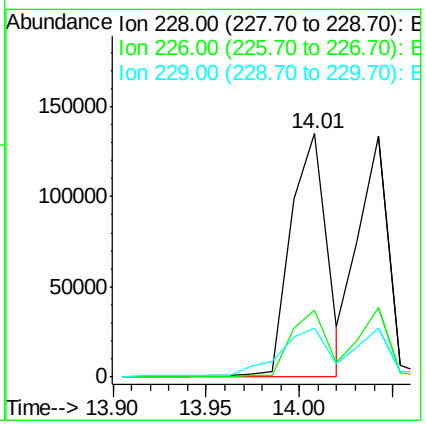


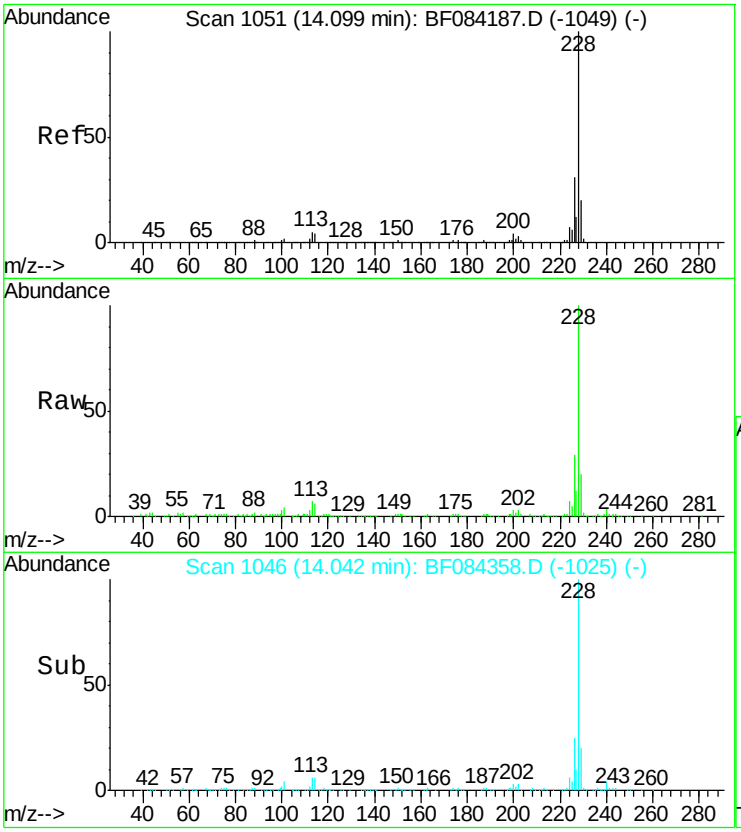


#80
Benzo(a)anthracene
Concen: 4.42 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Tgt Ion:228 Resp: 182693

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	20.2	15.8	23.8



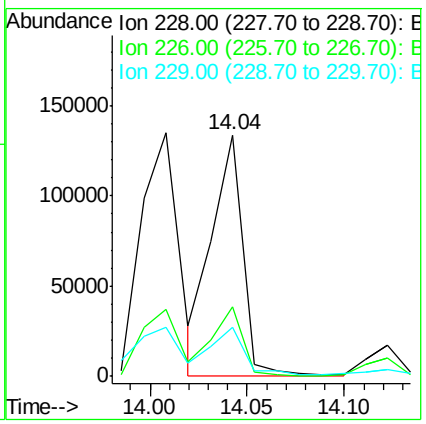


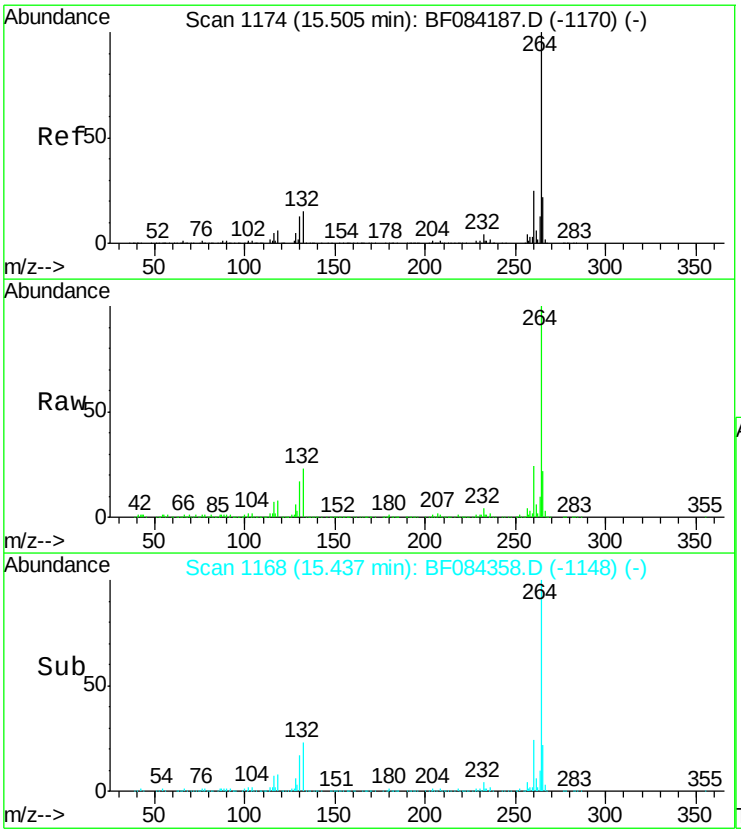
#82
Chrysene
Concen: 3.82 ng m
RT: 14.04 min Scan# 1046
Delta R.T. -0.06 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Instrument :
BNA_F
ClientSampleId :
SB-3S(0-10)

Tgt Ion:228 Resp: 151808

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.3	36.5
229	20.5	16.1	24.1

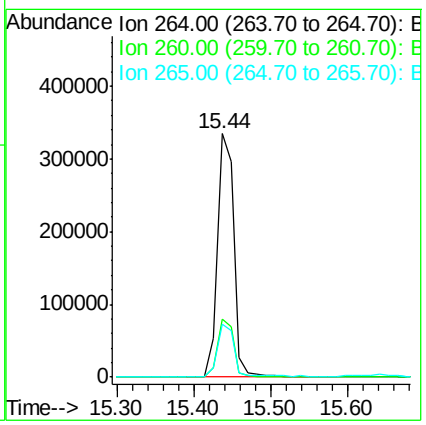


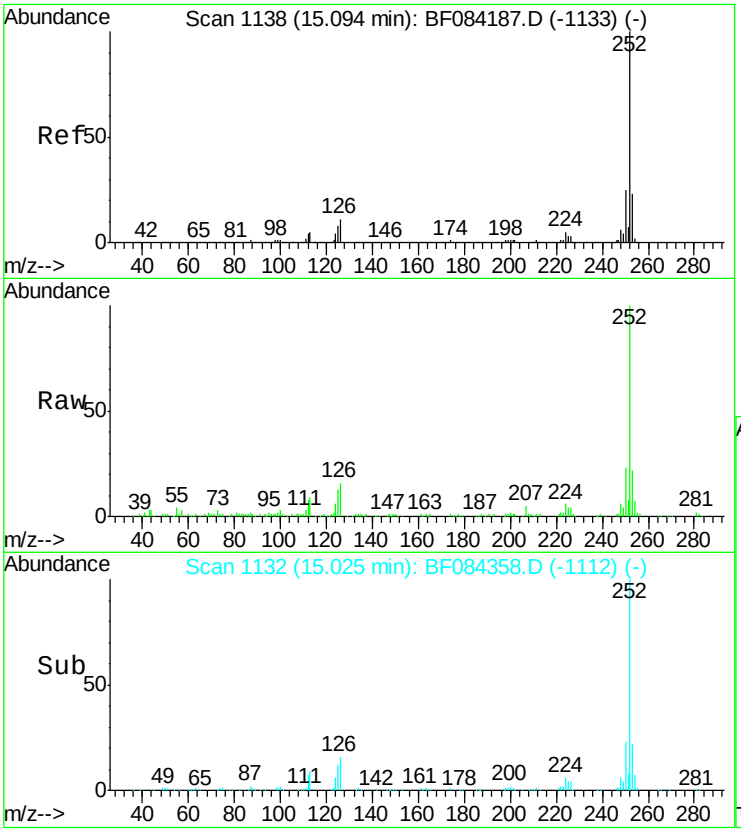


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Tgt Ion:264 Resp: 504149

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.6	17.8	26.6



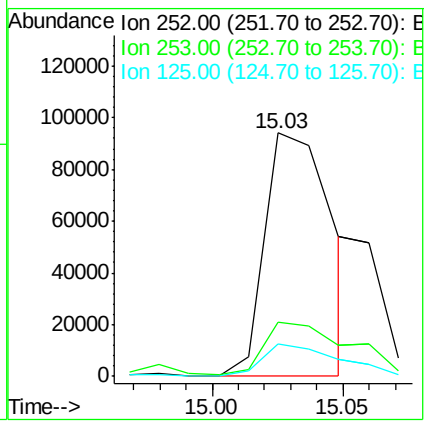


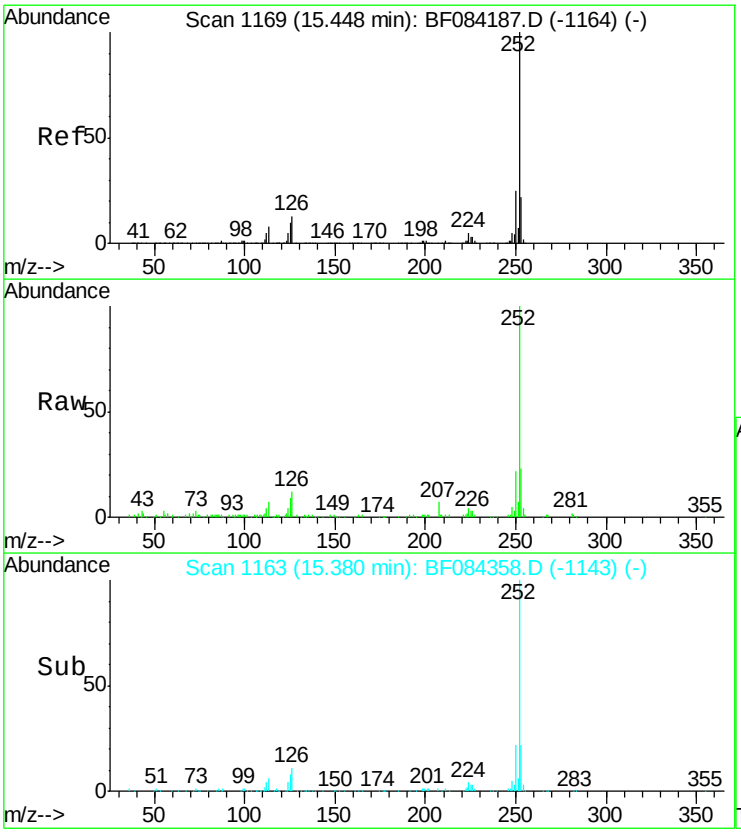
#87
Benzo(b)fluoranthene
Concen: 5.11 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.07 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Instrument :
BNA_F
ClientSampleId :
SB-3S(0-10)

Tgt Ion:252 Resp: 168390

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	13.1	6.5	9.7#

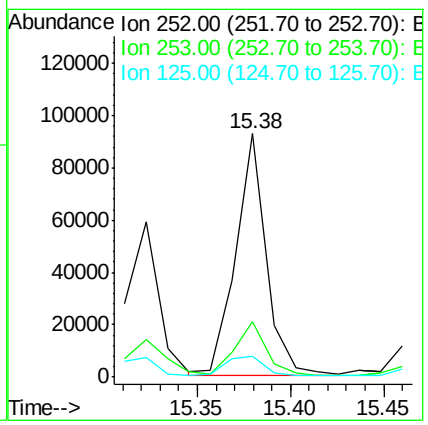


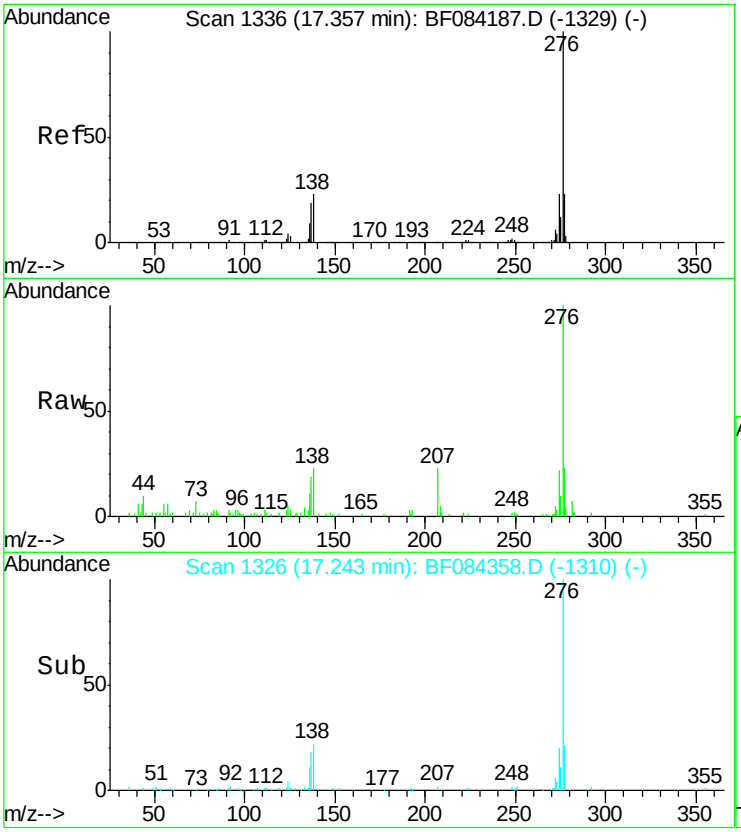


#89
Benzo(a)pyrene
Concen: 3.82 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.07 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Tgt Ion:252 Resp: 106799

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	8.5	7.0	10.4





#91
Benzo(g,h,i)perylene
Concen: 2.42 ng
RT: 17.24 min Scan# 1326
Delta R.T. -0.11 min
Lab File: BF084358.D
Acq: 10 Jan 2016 12:06

Instrument :
BNA_F
ClientSampleId :
SB-3S(0-10)

Tgt Ion:276 Resp: 60300

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	22.7	17.8	26.6