Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085589.D
Acq On : 19 Mar 2016 22:46
Operator : UM/SJ
Sample : H1790-02RE
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-8A-(0-10)RE

Quant Time: Mar 21 00:04:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	93106	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	367183	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	138365	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	229804	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	172679	20.00	ng		-0.01
86) Perylene-d12	15.43	264	179098	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1341990	242.10	ng		0.01
7) Phenol-d6	6.49	99	1915651	269.45	ng		0.00
23) Nitrobenzene-d5	7.42	82	1144298	180.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	404500	298.44	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1825825	-20.00	ng		0.00
78) Terphenyl-d14	12.96	244	1241361	172.99	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	31369	6.65	ng		88
15) Benzyl Alcohol	7.01	79	17648	3.62	ng	#	47
19) n-Nitroso-di-n-propylamine	7.42	70	149598	35.23	ng	#	78
25) Isophorone	7.42	82	892327	70.46	ng	#	68
49) Dimethylphthalate	9.61	163	399008	38.21	ng		99
56) 2,4-Dinitrotoluene	9.89	165	18354	6.36	ng	#	38
66) 4-Bromophenyl-phenylether	10.69	248	25809	11.24	ng	#	1
70) Phenanthrene	11.40	178	30740	2.54	ng		97
74) Fluoranthene	12.59	202	73927	5.83	ng		92
77) Pyrene	12.81	202	69558	5.61	ng		98
80) Benzo(a)anthracene	14.00	228	51756	5.16	ng	#	82
82) Chrysene	14.00	228	51756	5.37	ng	#	86
83) Bis(2-ethylhexyl)phthalate	13.99	149	15540	2.12	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.83	276	27813	3.45	ng		96
87) Benzo(b)fluoranthene	15.03	252	118870	10.17	ng		98
88) Benzo(k)fluoranthene	15.03	252	118870	12.35	ng	#	95
89) Benzo(a)pyrene	15.37	252	38644	3.90	ng	#	91
91) Benzo(g,h,i)perylene	17.25	276	22670	2.83	ng		98

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

Quantitation Report (Not Reviewed)

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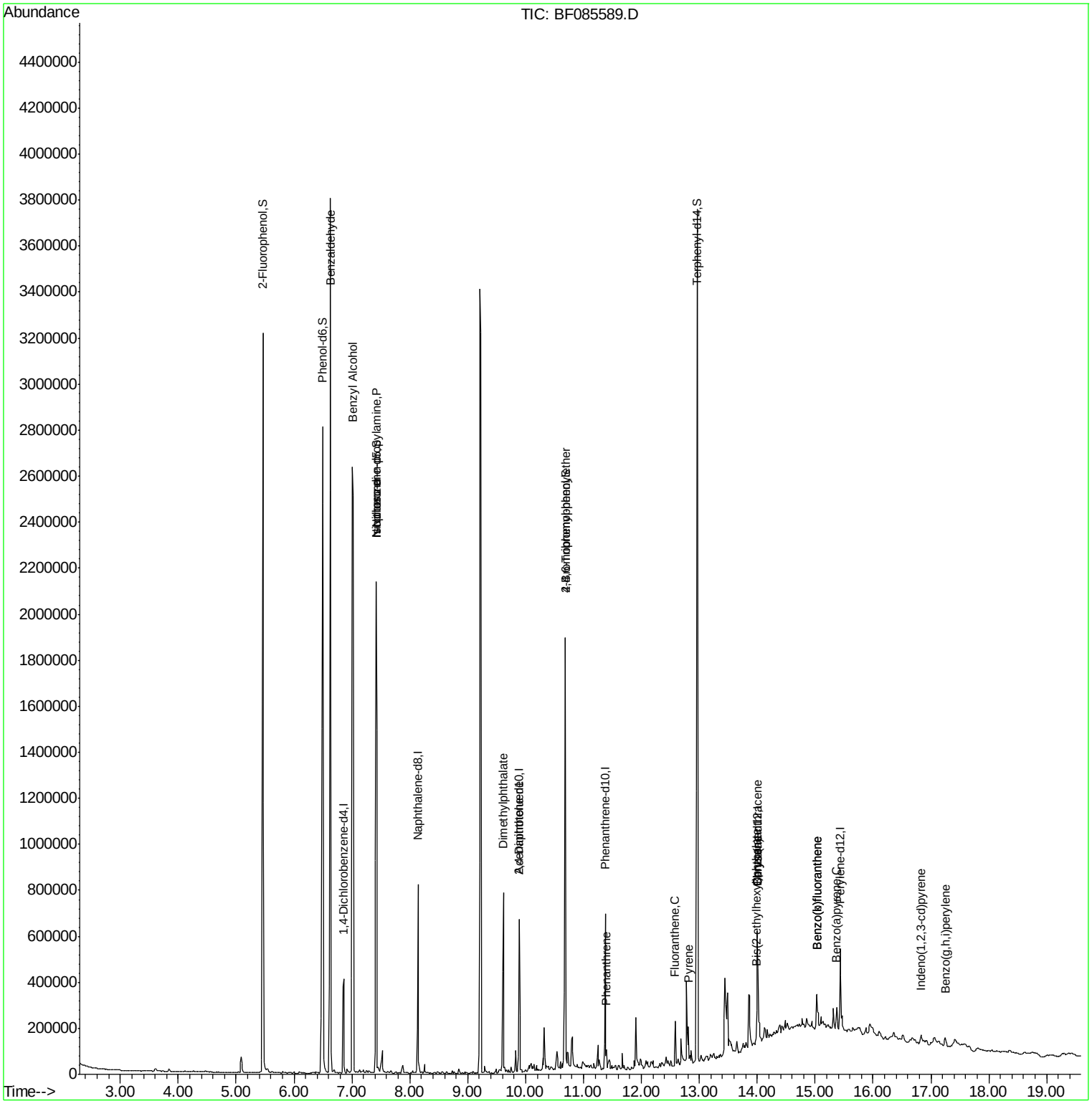
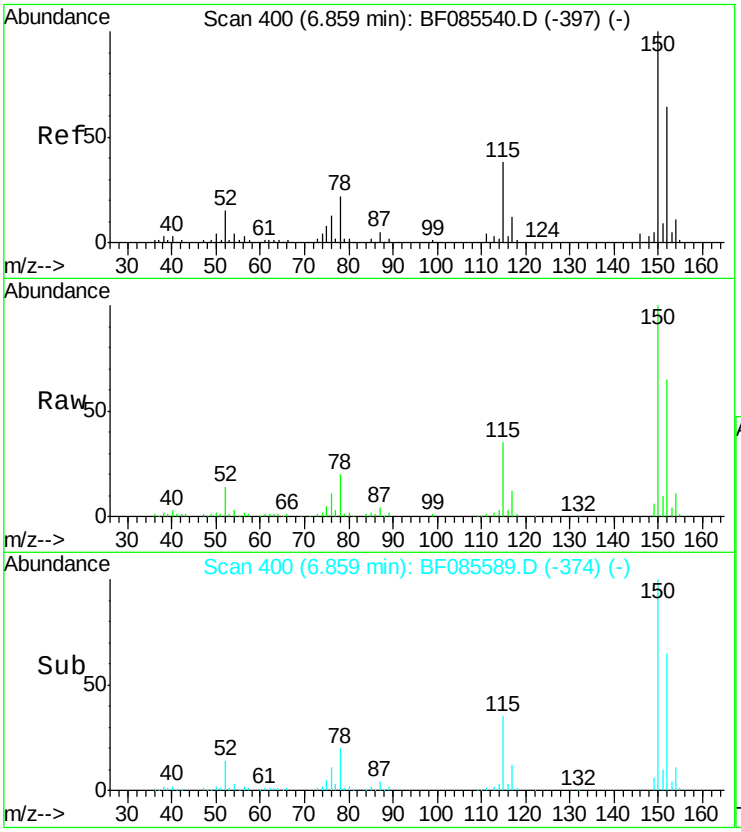


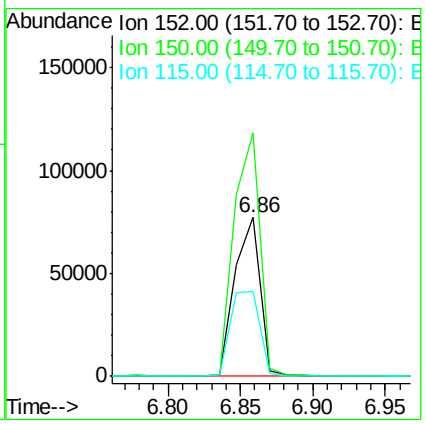


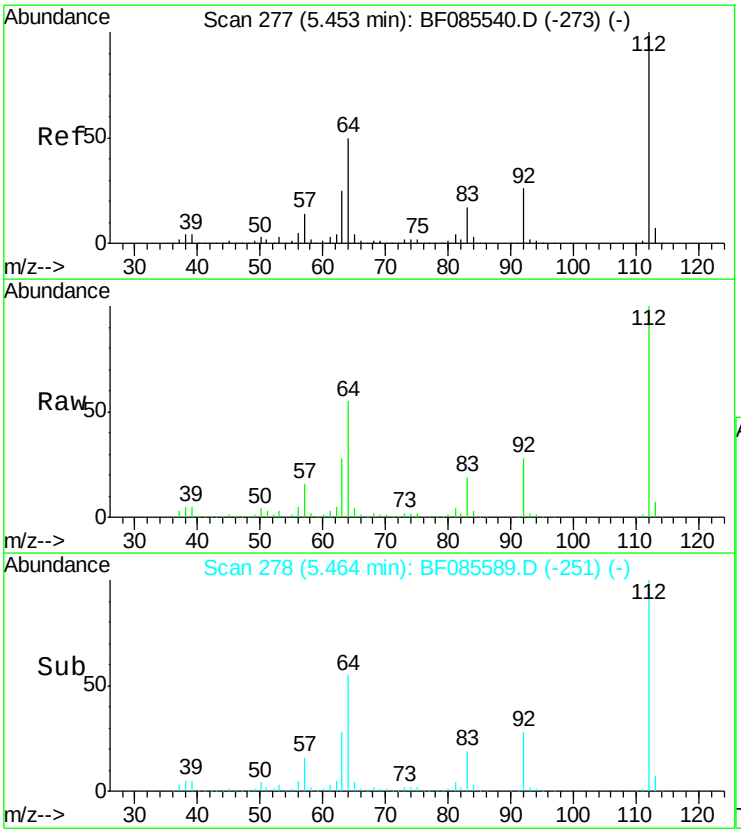
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion:152 Resp: 93106

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.2	186.2
115	53.2	47.0	70.6

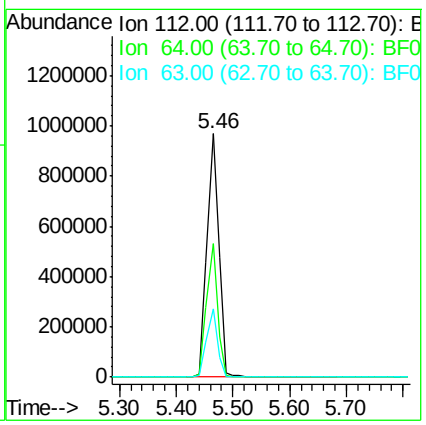


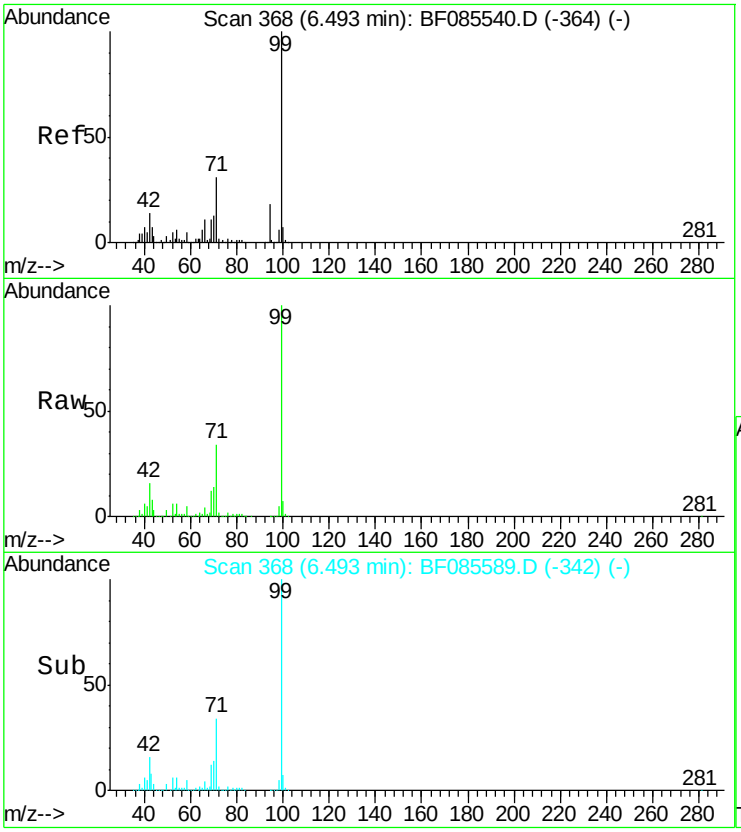


#5
2-Fluorophenol
Concen: 242.10 ng
RT: 5.46 min Scan# 278
Delta R.T. 0.01 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion:112 Resp: 1341990

Ion	Ratio	Lower	Upper
112	100		
64	54.7	39.9	59.9
63	28.1	20.2	30.2



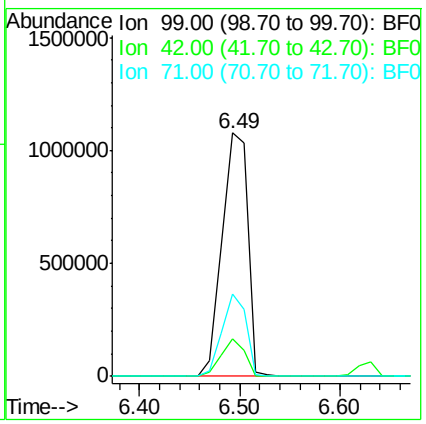


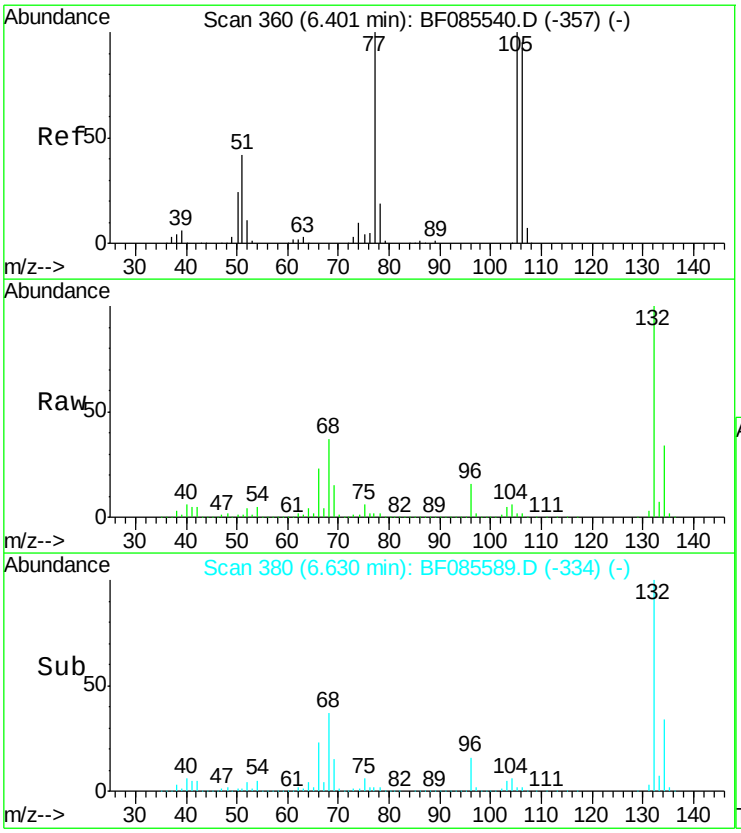
#7
Phenol-d6
Concen: 269.45 ng
RT: 6.49 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion: 99 Resp: 1915651

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.1	16.7
71	33.6	24.9	37.3

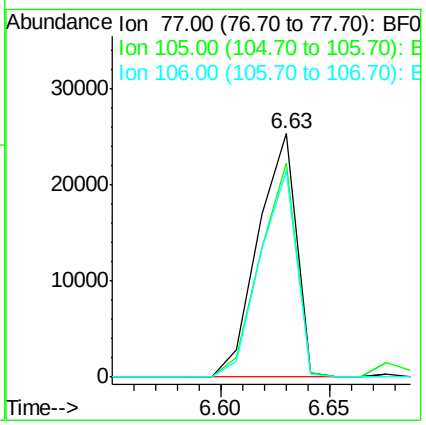


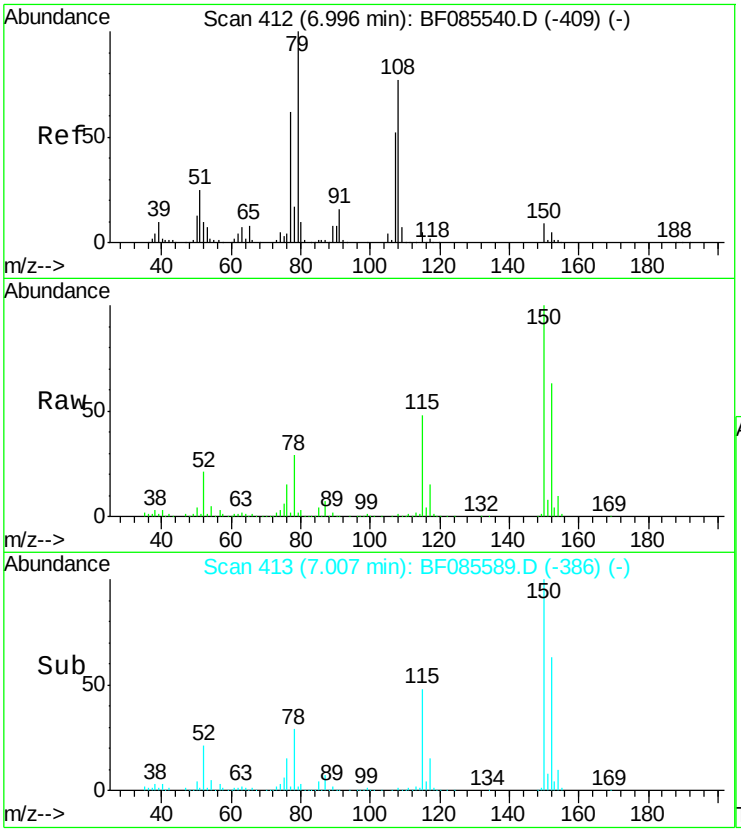


#9
Benzaldehyde
Concen: 6.65 ng
RT: 6.63 min Scan# 380
Delta R.T. 0.23 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion: 77 Resp: 31369

Ion	Ratio	Lower	Upper
77	100		
105	87.7	80.1	120.1
106	84.7	75.0	115.0



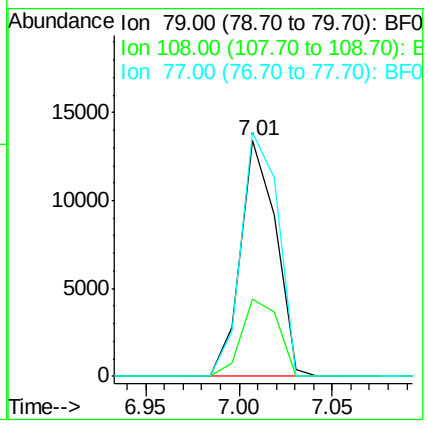


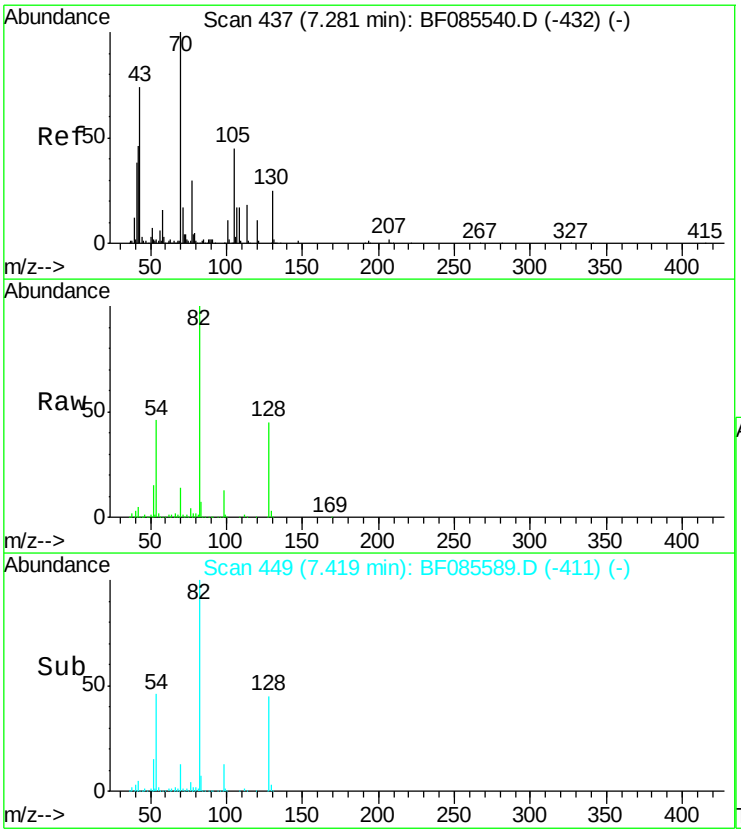
#15
Benzyl Alcohol
Concen: 3.62 ng
RT: 7.01 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion: 79 Resp: 17648

Ion	Ratio	Lower	Upper
79	100		
108	32.5	61.8	92.6#
77	103.2	49.6	74.4#

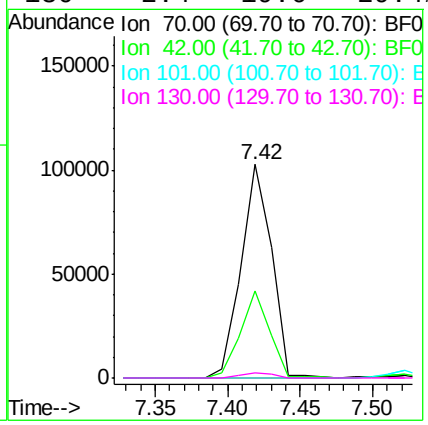


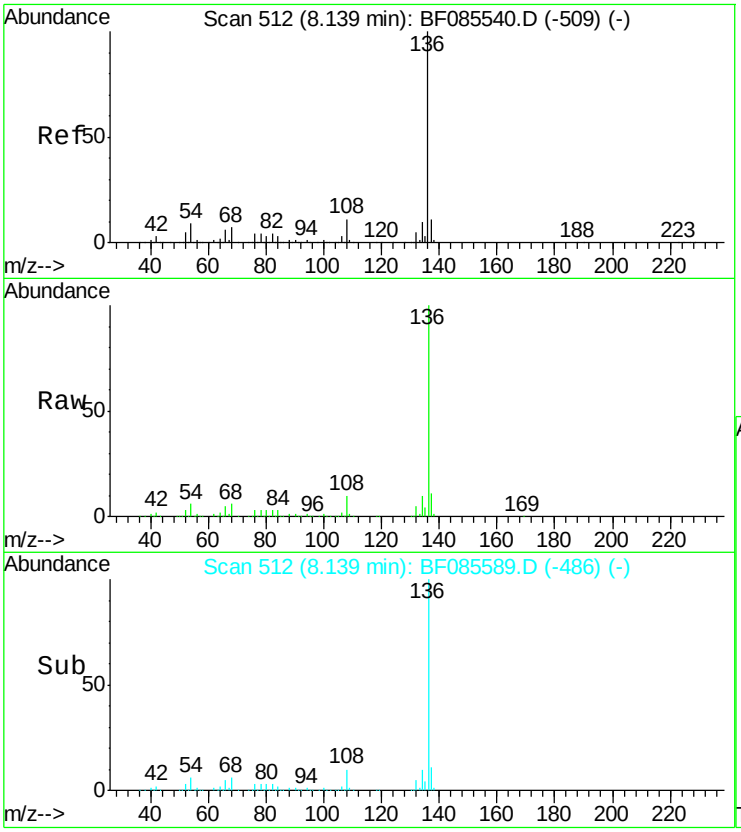


#19
n-Nitroso-di-n-propylamine
Concen: 35.23 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion: 70 Resp: 149598

Ion	Ratio	Lower	Upper
70	100		
42	40.5	37.1	55.7
101	0.0	8.6	12.8#
130	2.4	19.6	29.4#



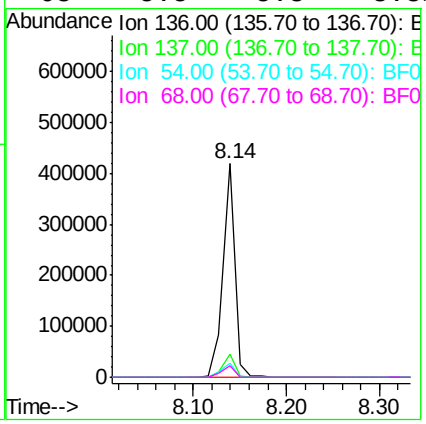


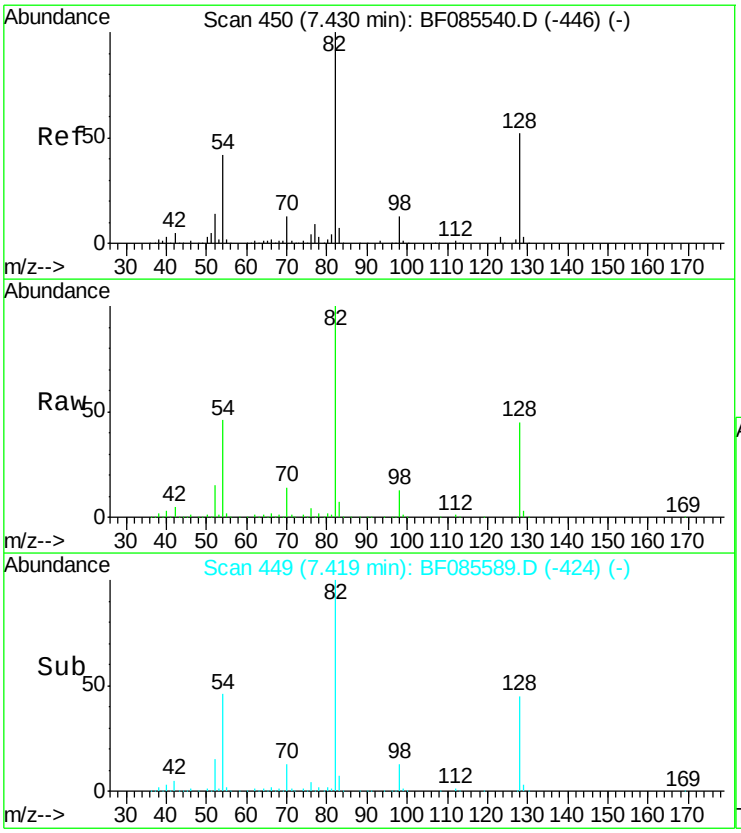
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion:136 Resp: 367183

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.4	7.4	11.0#
68	5.5	5.8	8.8#

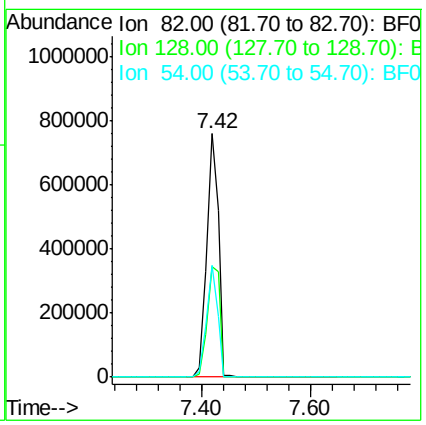


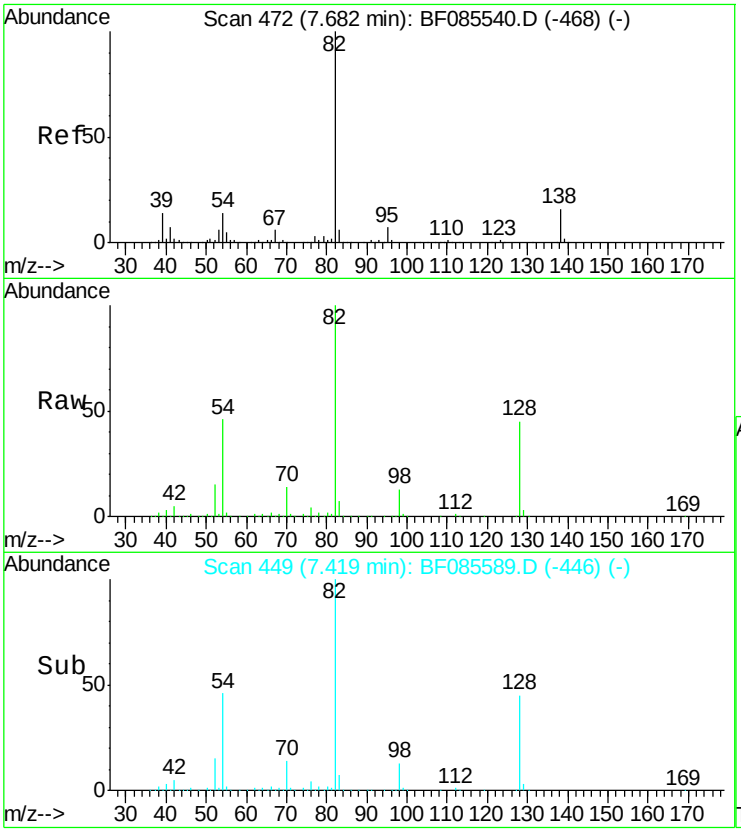


#23
Nitrobenzene-d5
Concen: 180.90 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion: 82 Resp: 1144298

Ion	Ratio	Lower	Upper
82	100		
128	45.4	41.8	62.8
54	46.1	33.4	50.0



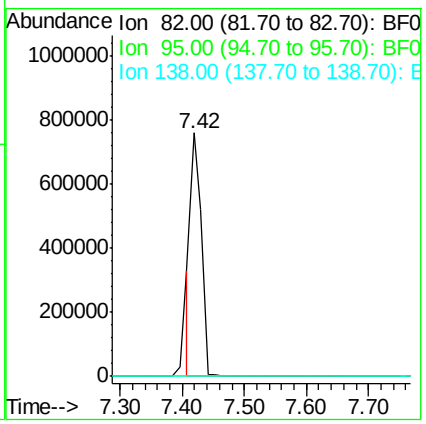


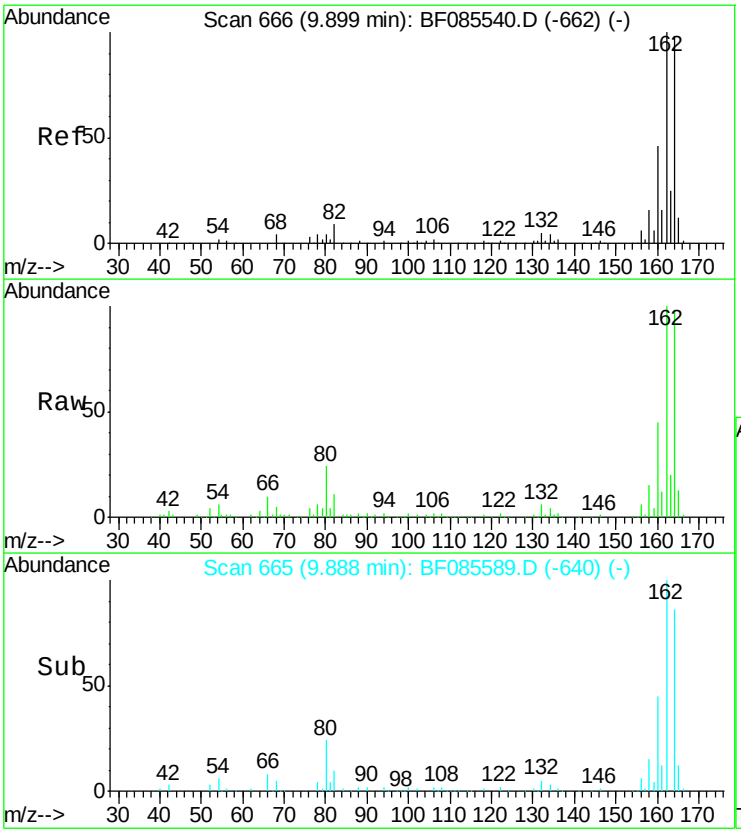
#25
Isophorone
Concen: 70.46 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.26 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion: 82 Resp: 892327

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#

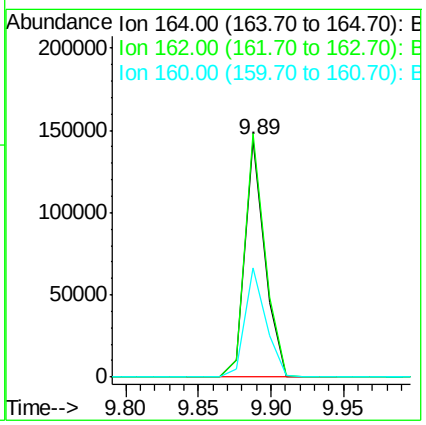


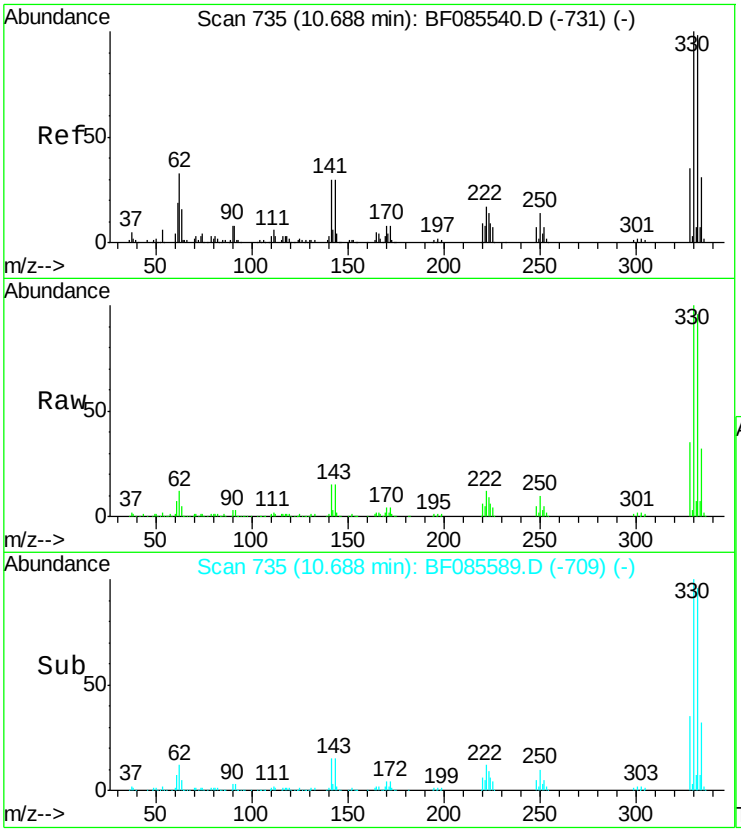


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion:164 Resp: 138365

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.1	123.1
160	45.8	37.4	56.2



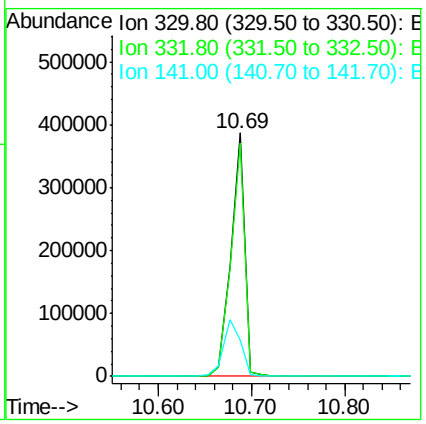


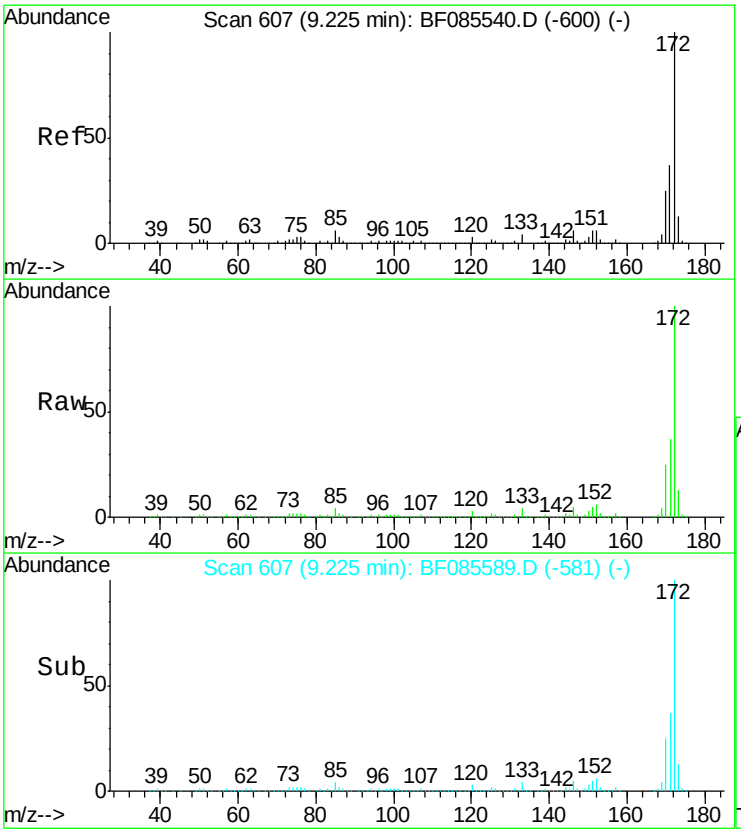
#41
2,4,6-Tribromophenol
Concen: 298.44 ng
RT: 10.69 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion:330 Resp: 404500

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.2
141	29.7	31.5	47.3#

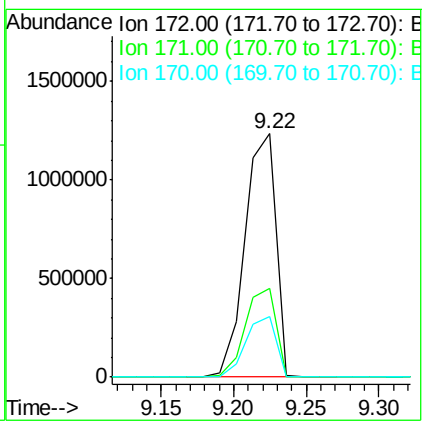


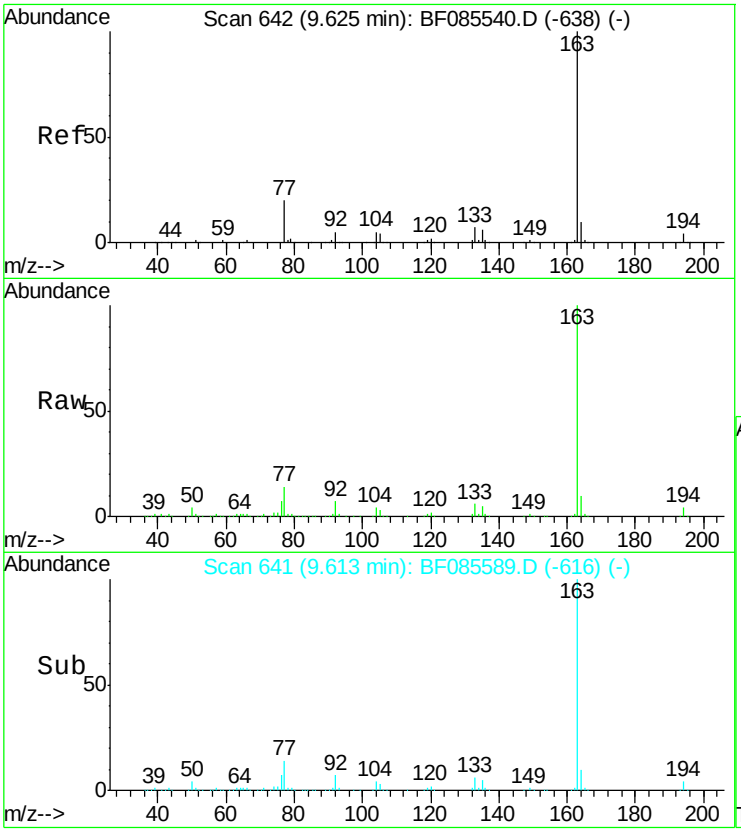


#44
2-Fluorobiphenyl
Concen: -20.00 ng
RT: 9.22 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion:172 Resp: 1825825

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.6	19.8	29.6



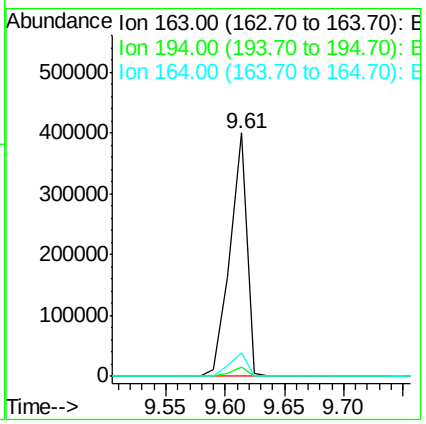


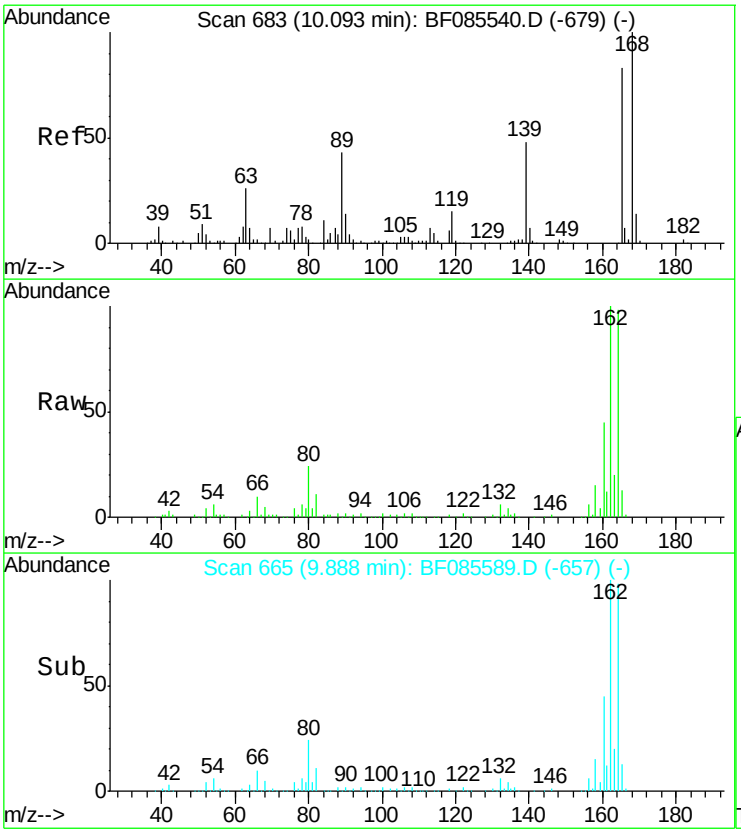
#49
Dimethylphthalate
Concen: 38.21 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion:163 Resp: 399008

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.8	8.3	12.5

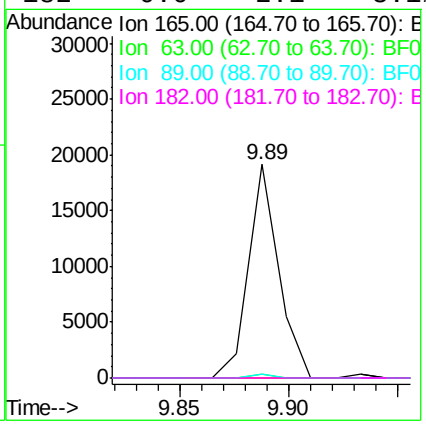


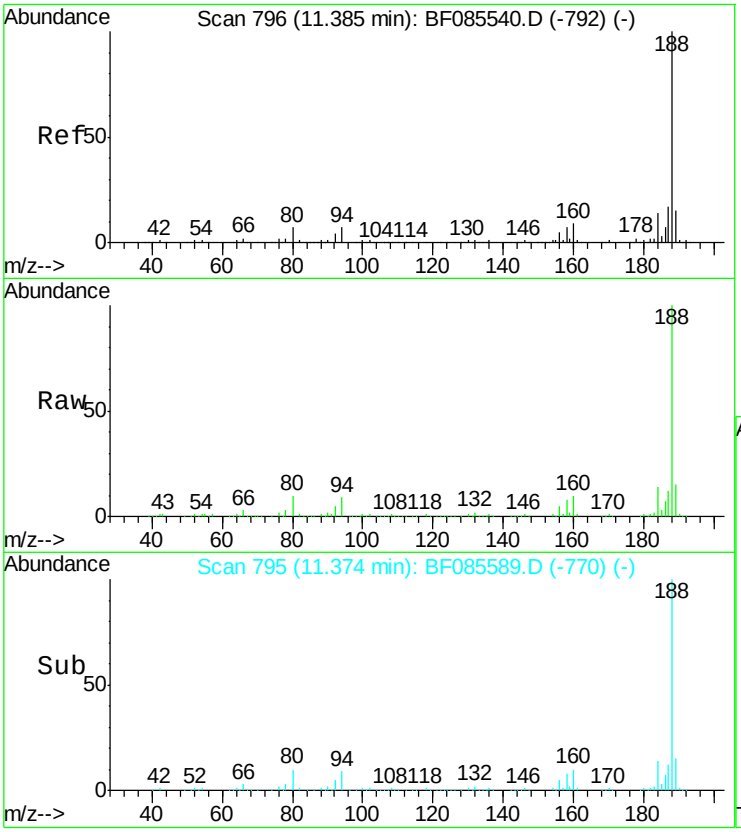


#56
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion:165 Resp: 18354

Ion	Ratio	Lower	Upper
165	100		
63	1.6	24.9	37.3#
89	2.1	41.0	61.6#
182	0.0	2.1	3.1#



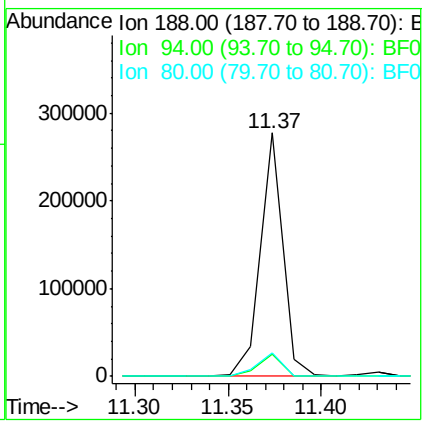


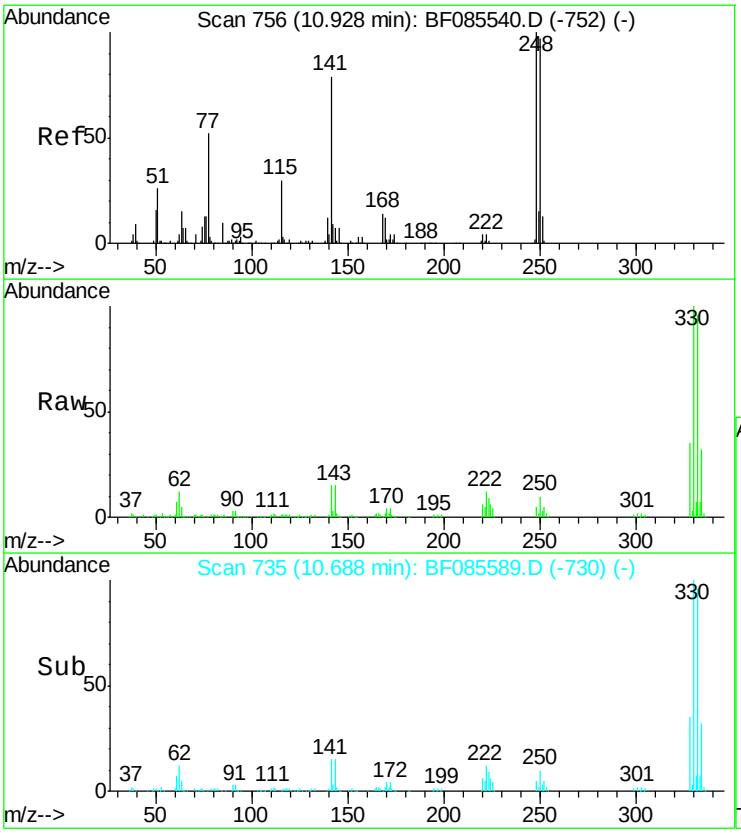
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion:188 Resp: 229804

Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.4	8.0#
80	9.8	5.5	8.3#

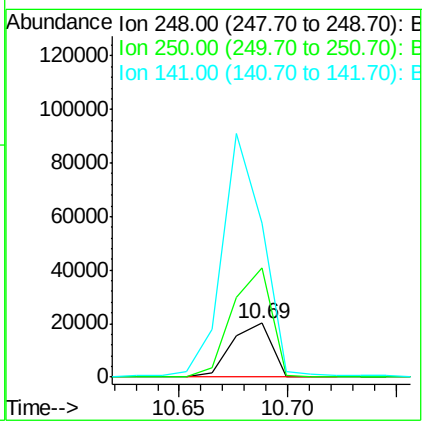


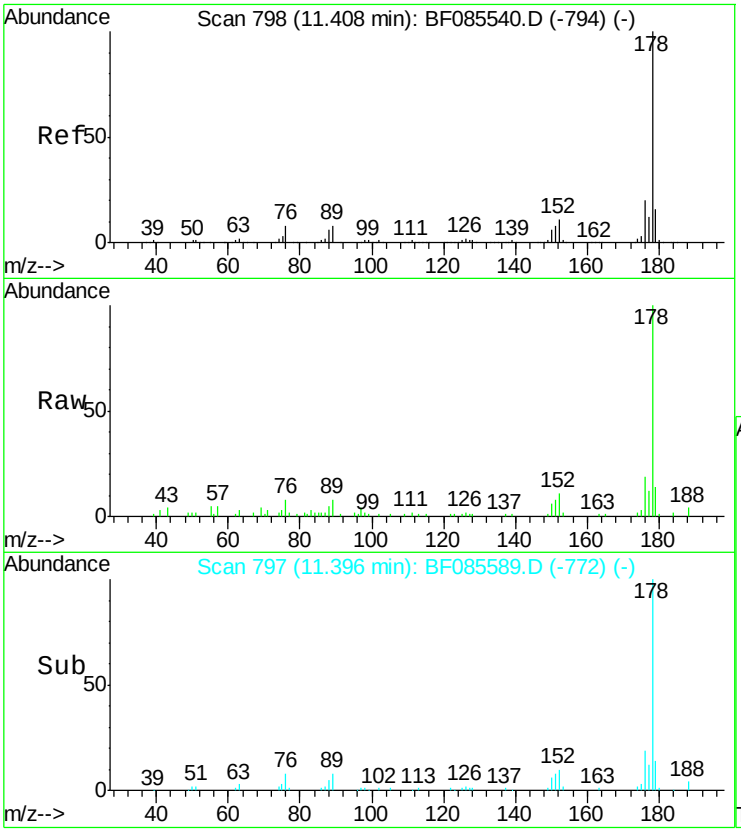


#66
4-Bromophenyl-phenylether
Concen: 11.24 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.24 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion:248 Resp: 25809

Ion	Ratio	Lower	Upper
248	100		
250	201.7	77.4	116.0#
141	286.1	63.6	95.4#



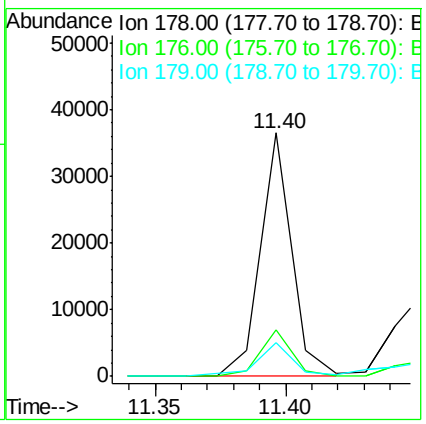


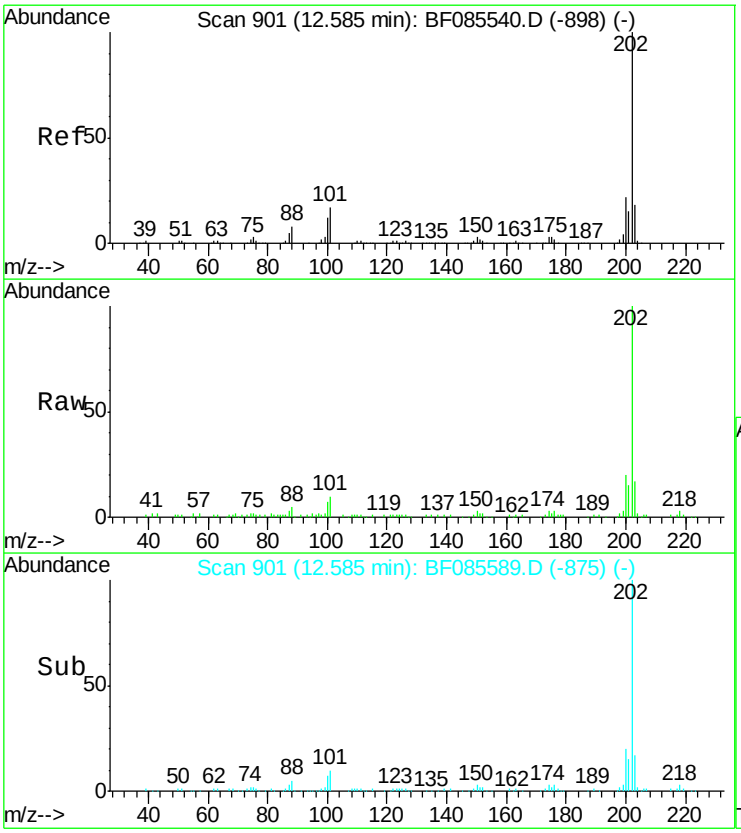
#70
Phenanthrene
Concen: 2.54 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion:178 Resp: 30740

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.3	24.5
179	14.0	12.6	18.8

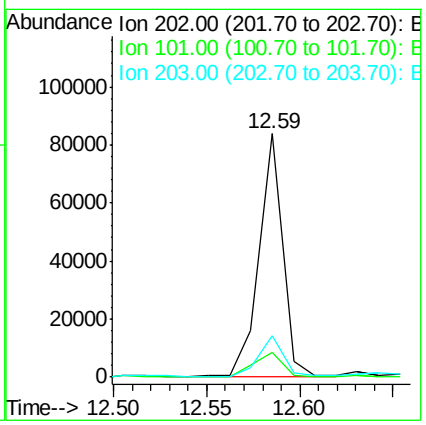


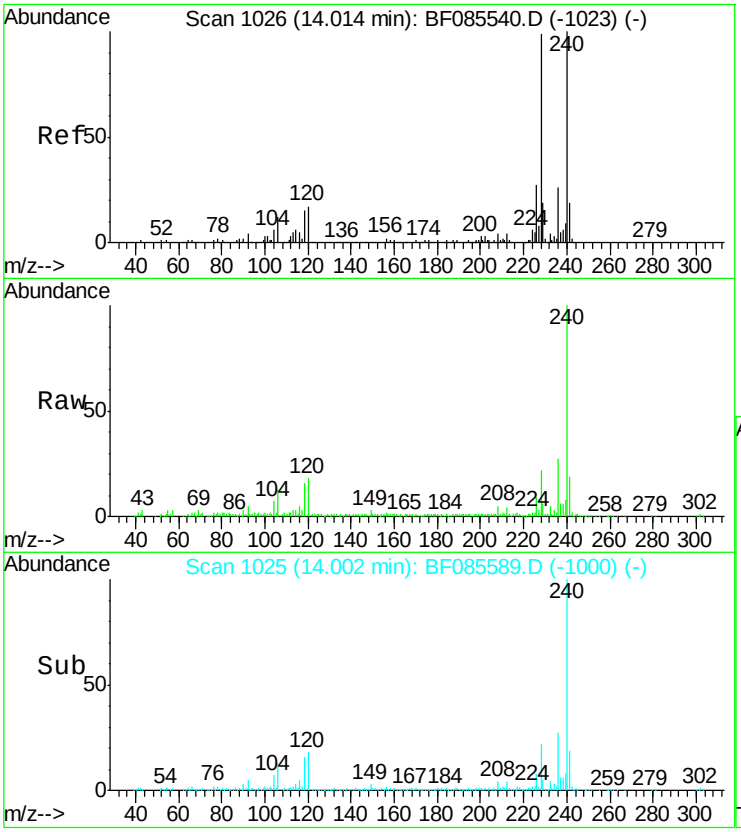


#74
Fluoranthene
Concen: 5.83 ng
RT: 12.59 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion:202 Resp: 73927

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	36.6
203	17.1	0.0	38.1



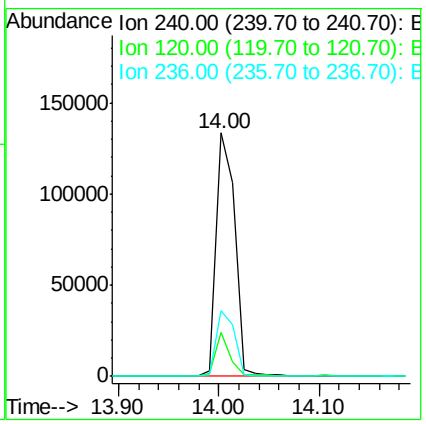


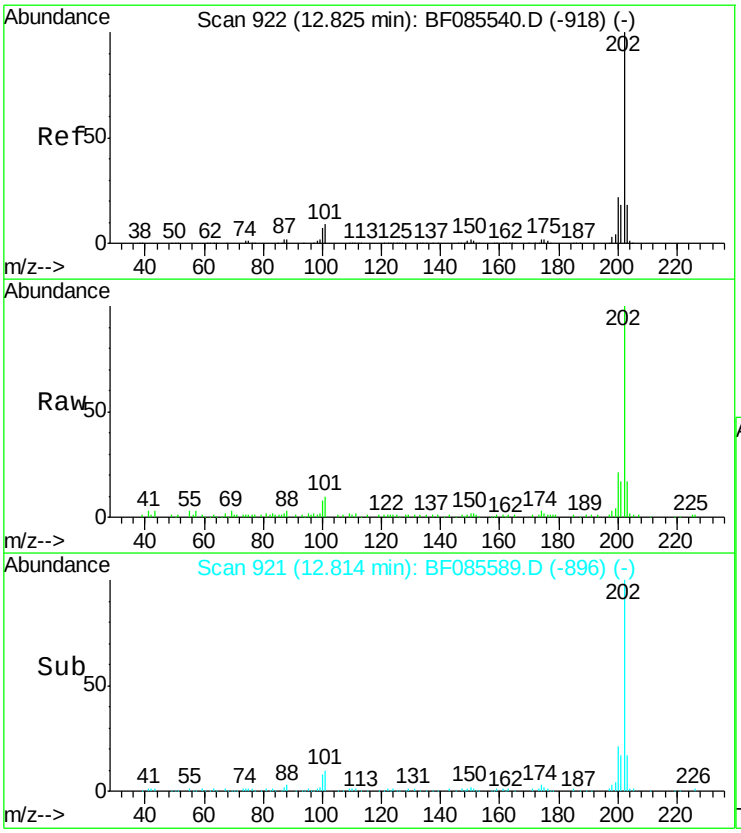
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion:240 Resp: 172679

Ion	Ratio	Lower	Upper
240	100		
120	18.2	13.8	20.8
236	26.7	20.6	30.8

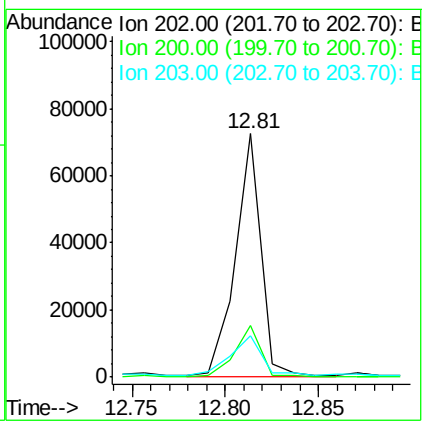


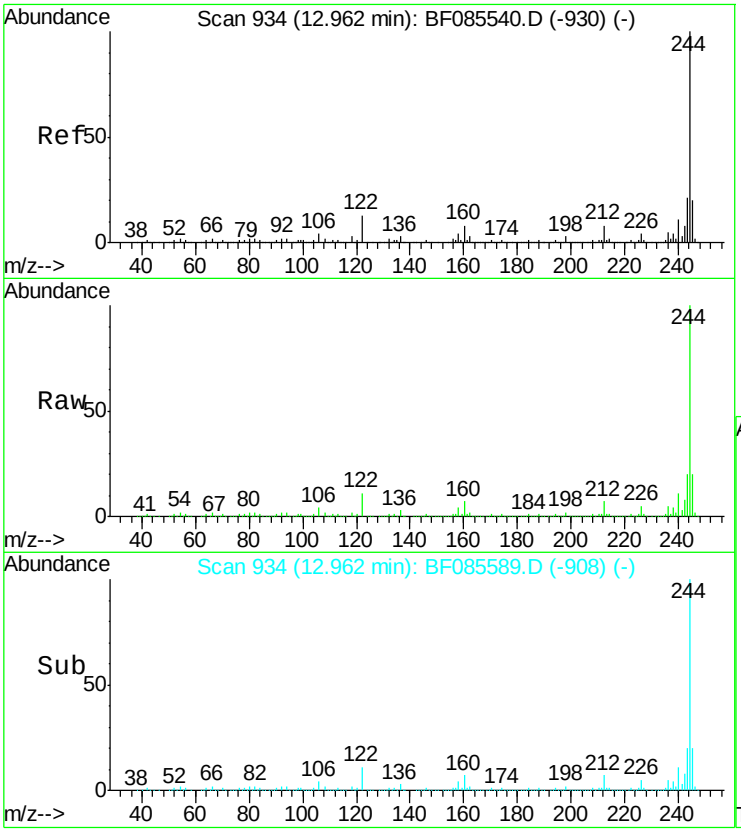


#77
Pyrene
Concen: 5.61 ng
RT: 12.81 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion:202 Resp: 69558

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.2	14.0	21.0



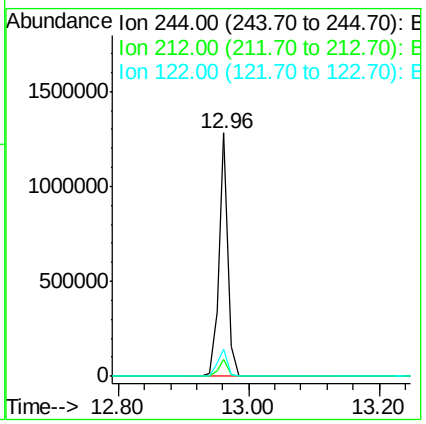


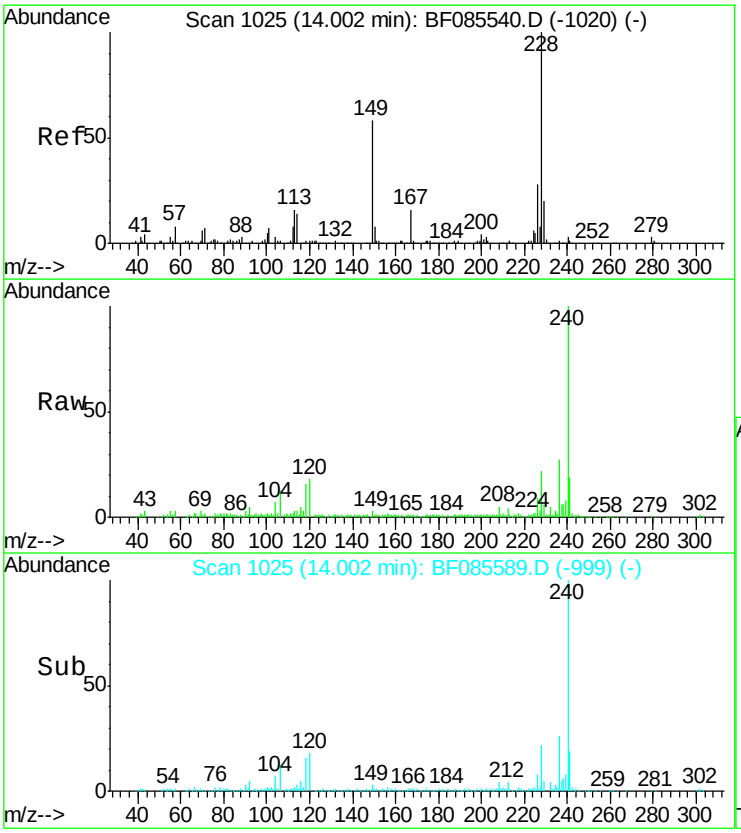
#78
Terphenyl-d14
Concen: 172.99 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion:244 Resp: 1241361

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	11.3	10.2	15.4

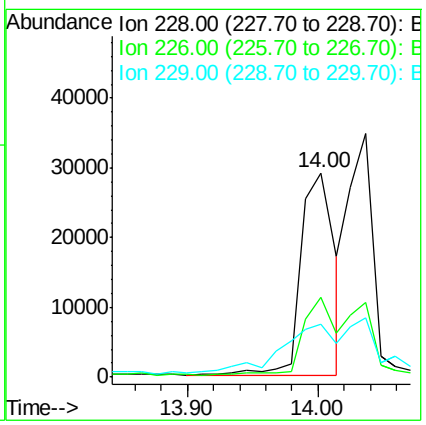


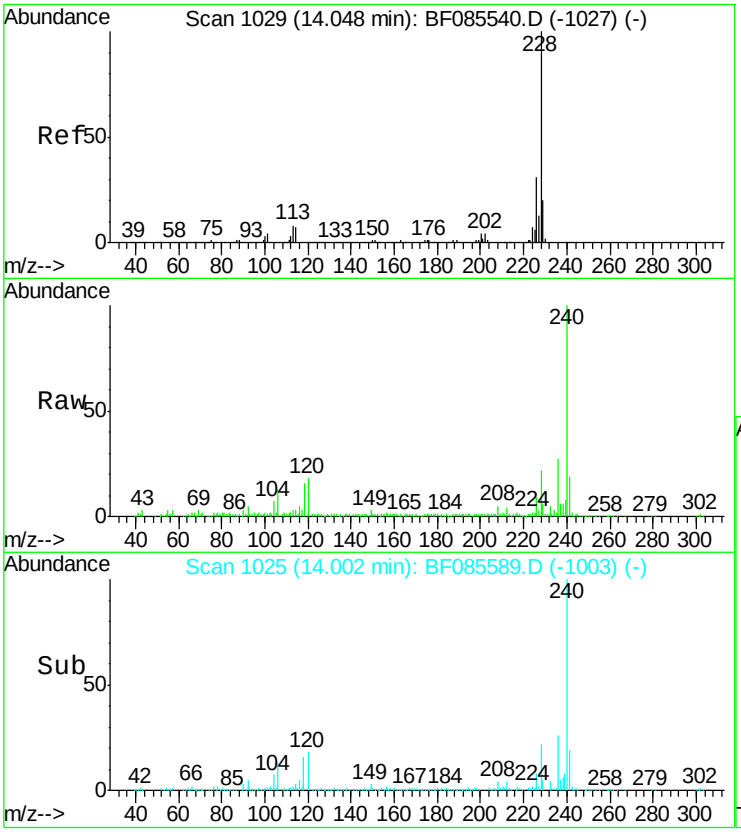


#80
Benzo(a)anthracene
Concen: 5.16 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion:228 Resp: 51756

Ion	Ratio	Lower	Upper
228	100		
226	39.3	22.1	33.1#
229	25.6	16.2	24.4#



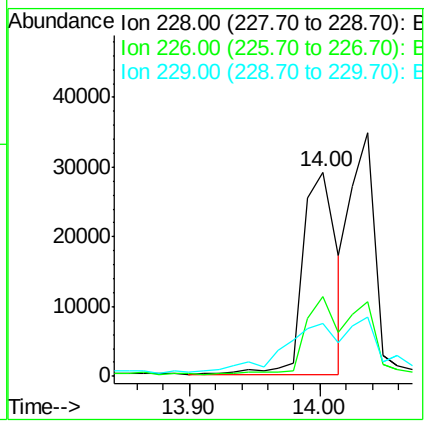


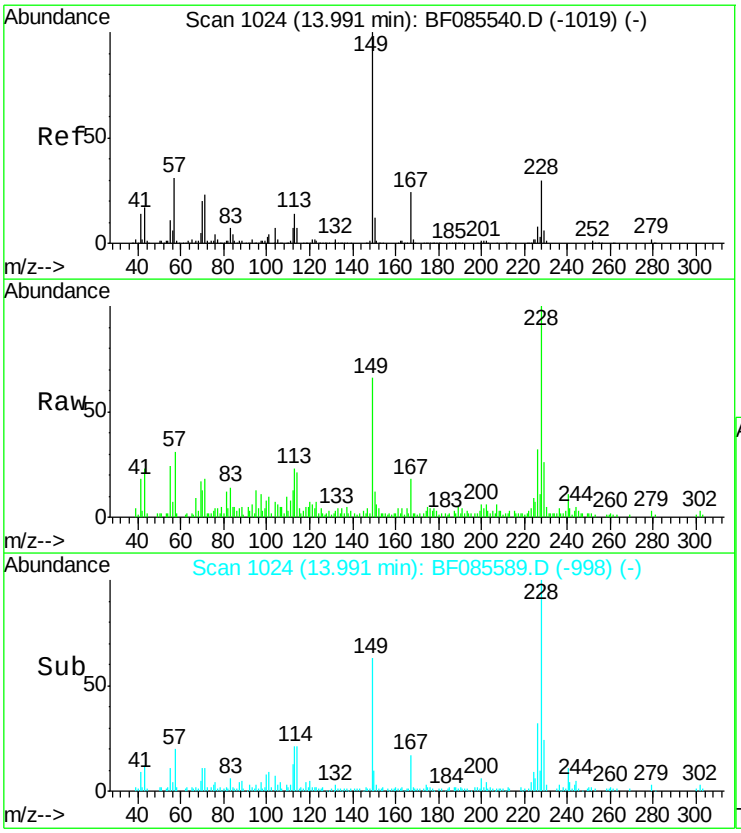
#82
Chrysene
Concen: 5.37 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion:228 Resp: 51756

Ion	Ratio	Lower	Upper
228	100		
226	39.3	25.0	37.6#
229	25.6	15.7	23.5#

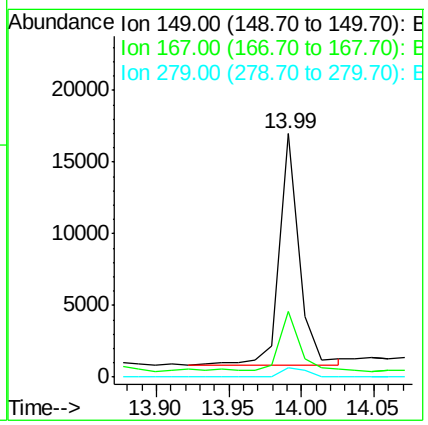


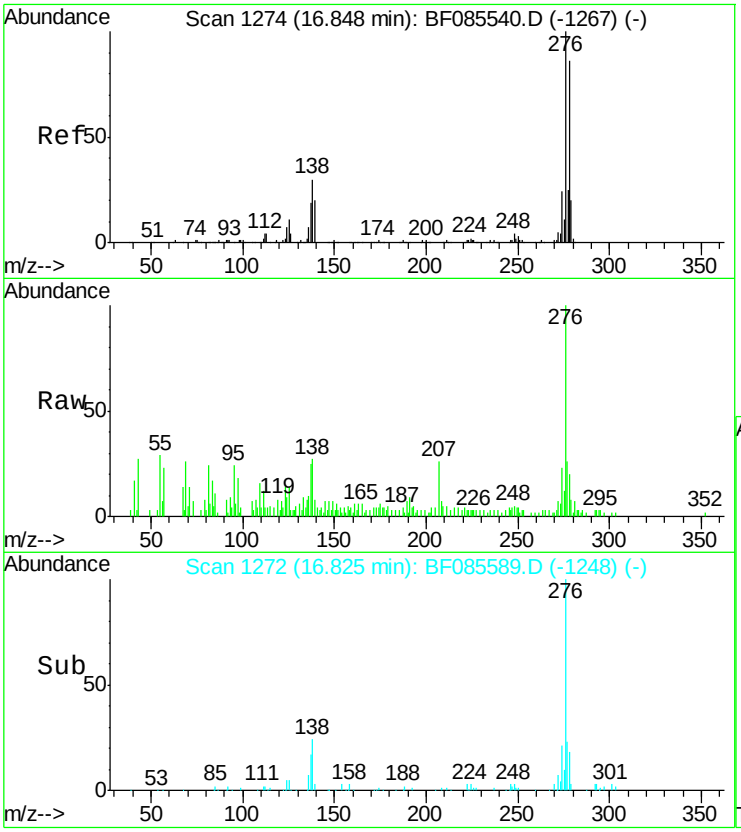


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.12 ng
RT: 13.99 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion:149 Resp: 15540

Ion	Ratio	Lower	Upper
149	100		
167	27.1	19.4	29.2
279	4.1	1.5	2.3#



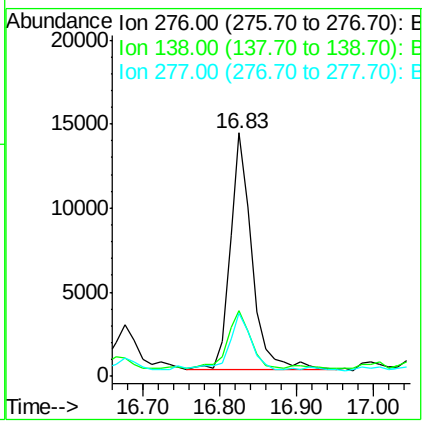


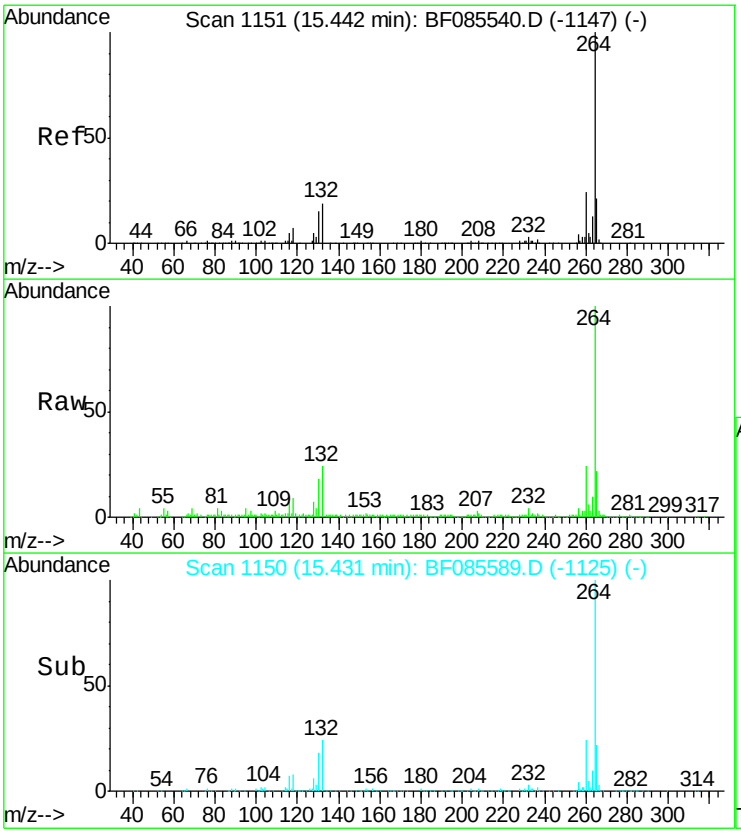
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.45 ng
RT: 16.83 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion:276 Resp: 27813

Ion	Ratio	Lower	Upper
276	100		
138	26.1	24.2	36.4
277	25.0	20.0	30.0

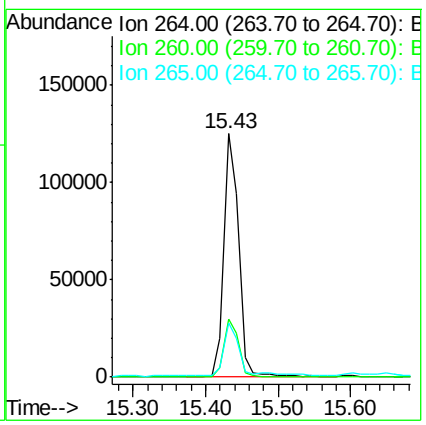


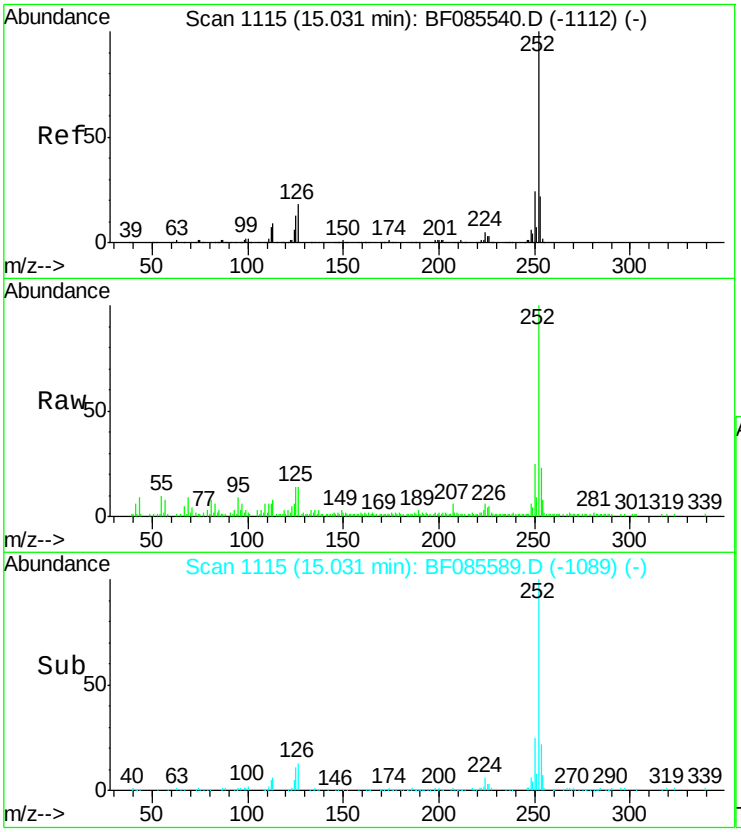


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion:264 Resp: 179098

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.0	17.2	25.8



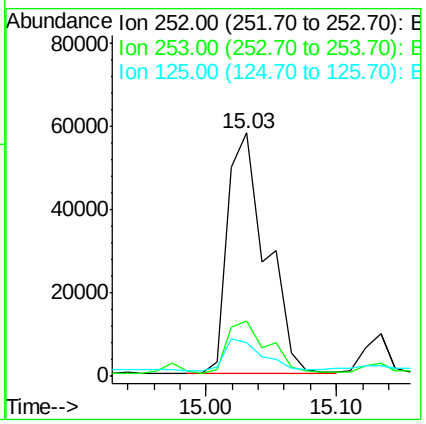


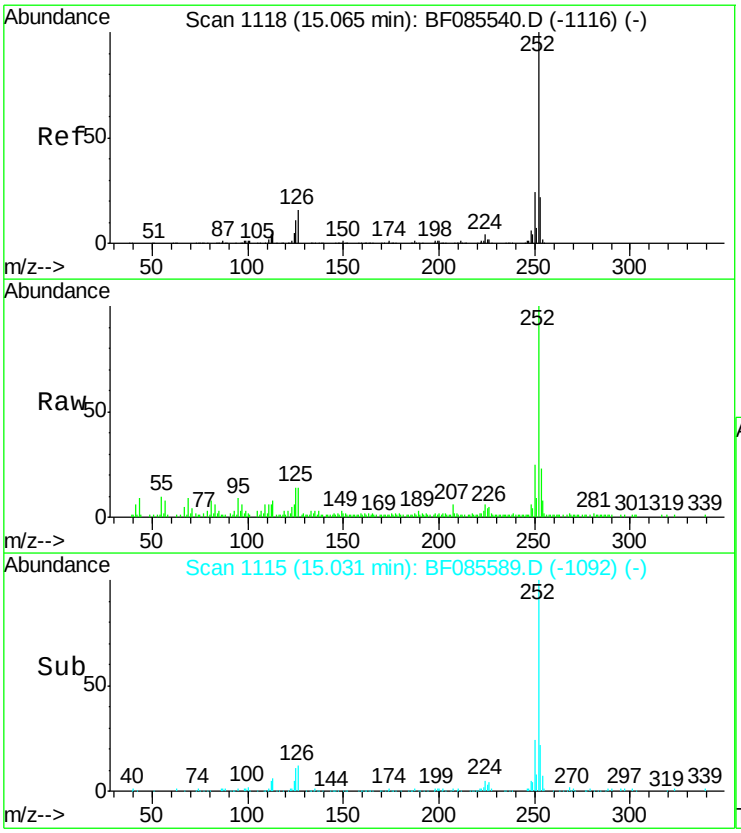
#87
Benzo(b)fluoranthene
Concen: 10.17 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion:252 Resp: 118870

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	14.1	10.3	15.5

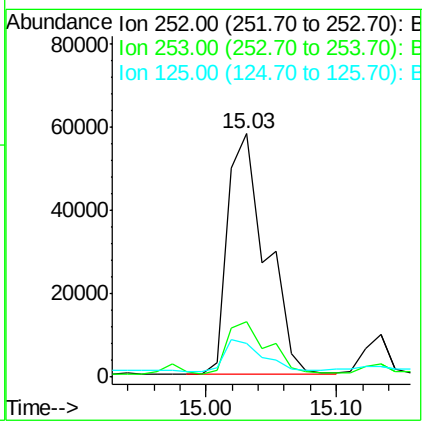


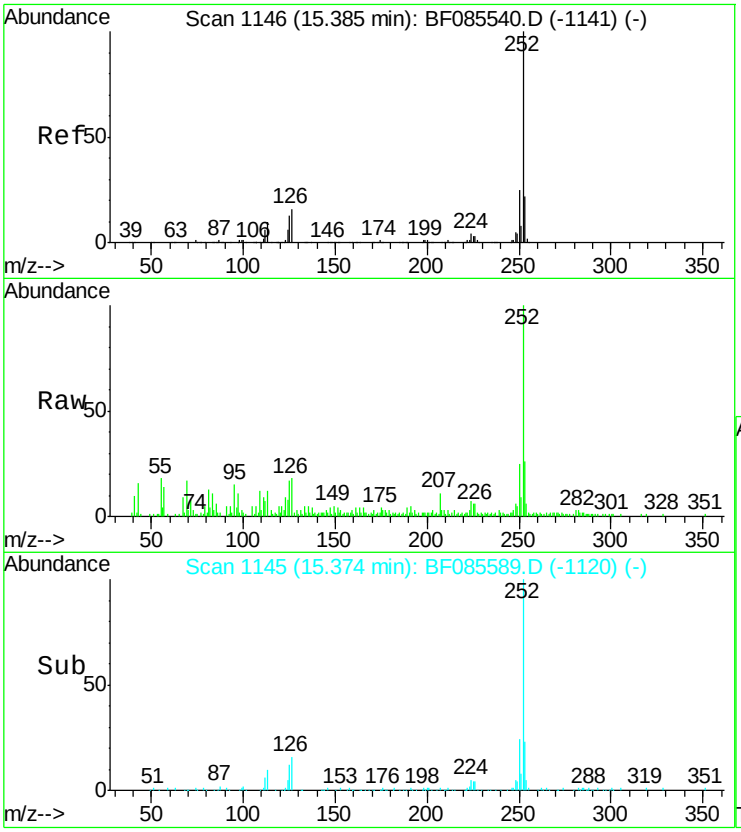


#88
Benzo(k)fluoranthene
Concen: 12.35 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion:252 Resp: 118870

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	14.1	7.7	11.5#



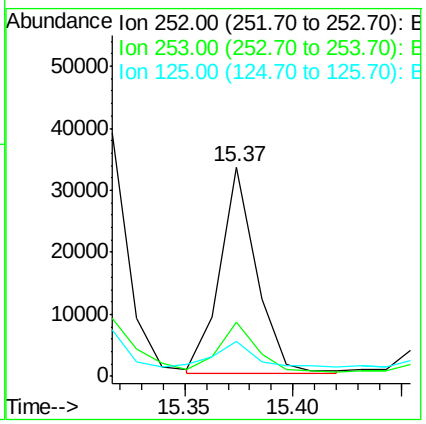


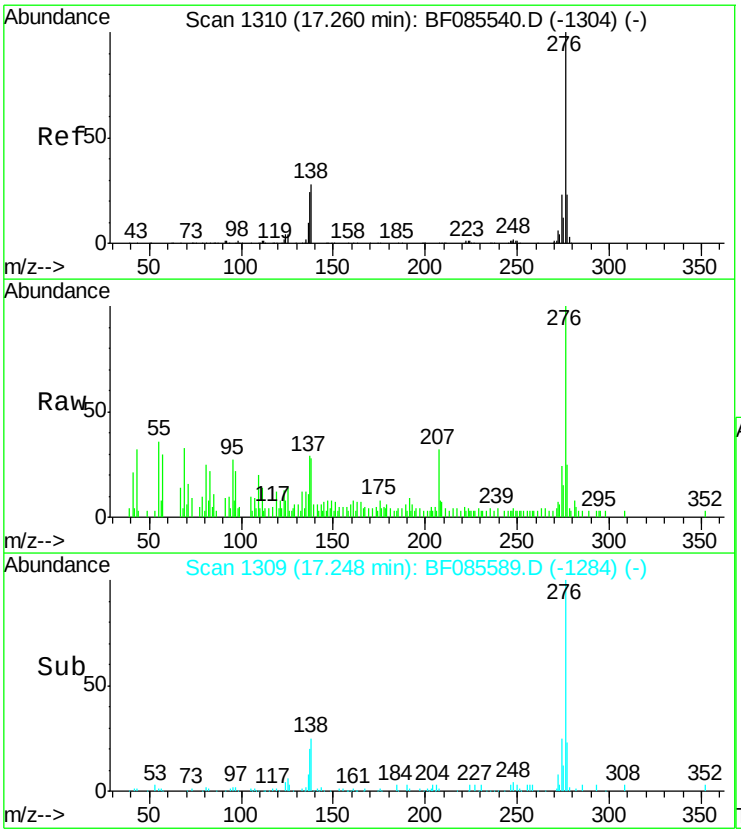
#89
Benzo(a)pyrene
Concen: 3.90 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)RE

Tgt Ion:252 Resp: 38644

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.4	26.0
125	16.8	10.3	15.5#





#91
Benzo(g,h,i)perylene
Concen: 2.83 ng
RT: 17.25 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF085589.D
Acq: 19 Mar 2016 22:46

Tgt Ion:276 Resp: 22670

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	27.8	22.6	34.0