Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092197.D
Acq On : 10 Jan 2017 22:11
Operator : UM/SJ
Sample : I1050-02DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-29-20170105DL

Quant Time: Jan 10 23:36:31 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	150691	20.00	ng		-0.02
21) Naphthalene-d8	7.91	136	632701	20.00	ng		-0.02
38) Acenaphthene-d10	9.66	164	347935	20.00	ng		-0.02
63) Phenanthrene-d10	11.14	188	589612	20.00	ng		-0.01
75) Chrysene-d12	13.77	240	386352	20.00	ng		-0.01
86) Perylene-d12	15.15	264	298907	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	186172	20.63	ng		-0.01
7) Phenol-d6	6.29	99	251674	22.84	ng		-0.02
23) Nitrobenzene-d5	7.19	82	160961	14.15	ng		-0.02
41) 2,4,6-Tribromophenol	10.46	330	60922	21.16	ng		-0.01
44) 2-Fluorobiphenyl	9.00	172	263903	3.11	ng		-0.01
78) Terphenyl-d14	12.72	244	244303	15.34	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	19763	2.70	ng	#	78
25) Isophorone	7.19	82	150964	7.19	ng	#	65
37) 2-Methylnaphthalene	8.63	142	1956	Below Cal			94
50) 2,6-Dinitrotoluene	9.66	165	44848	9.21	ng	#	30
56) 2,4-Dinitrotoluene	9.66	165	44851	7.34	ng	#	19
70) Phenanthrene	11.17	178	114327	3.58	ng		96
73) Di-n-butylphthalate	11.72	149	6957	Below Cal		#	78
76) Benzidine	12.72	184	3081	Below Cal		#	83
77) Pyrene	12.57	202	132437	4.67	ng		96
79) Butylbenzylphthalate	13.21	149	668805	51.88	ng		99
80) Benzo(a)anthracene	13.76	228	54726	2.51	ng		99
82) Chrysene	13.76	228	54726	2.50	ng		95
87) Benzo(b)fluoranthene	14.78	252	59267	3.18	ng	#	94
88) Benzo(k)fluoranthene	14.78	252	58494	3.69	ng	#	93

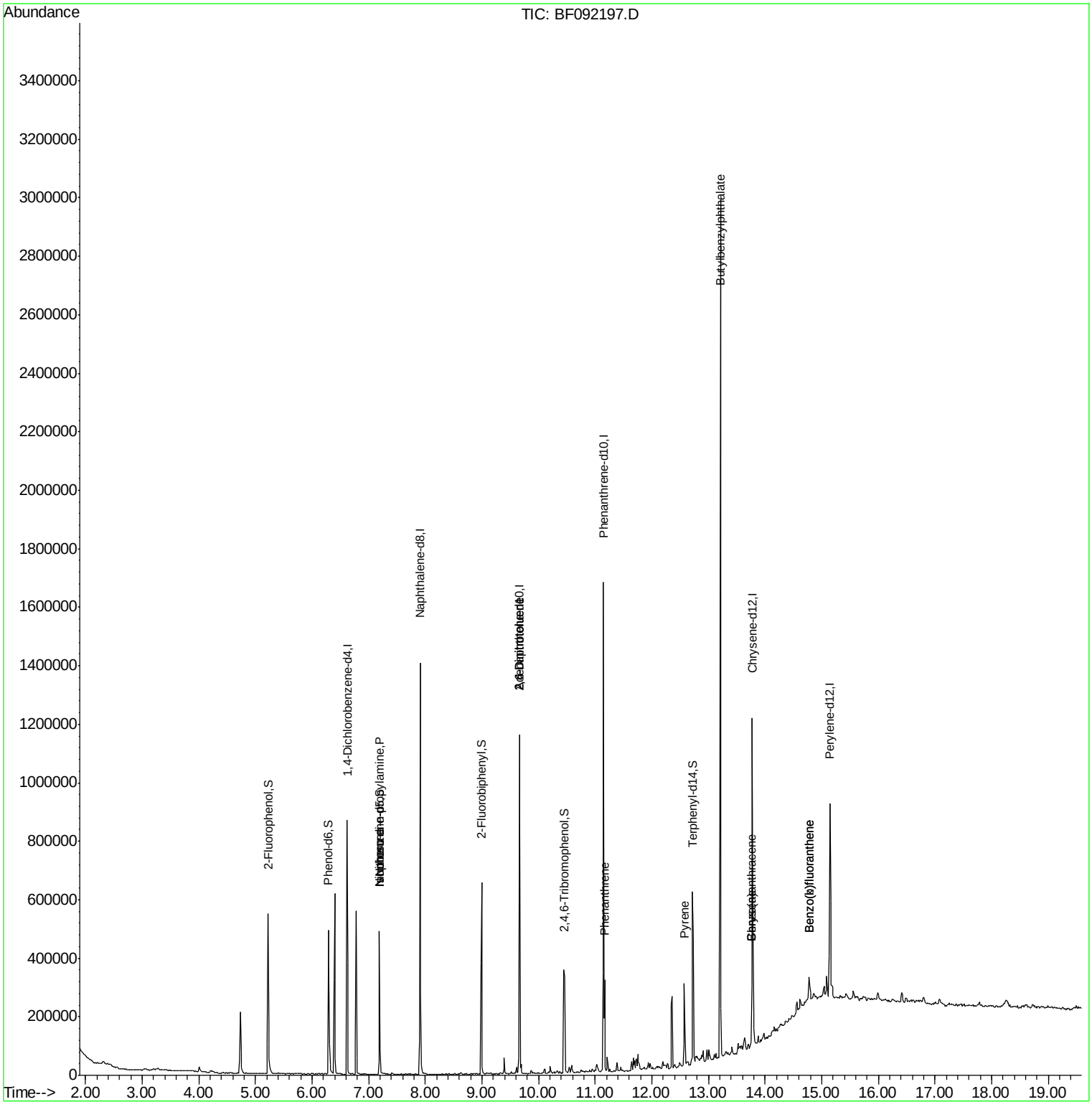
(#) = qualifier out of range (m) = manual integration (+) = signals summed

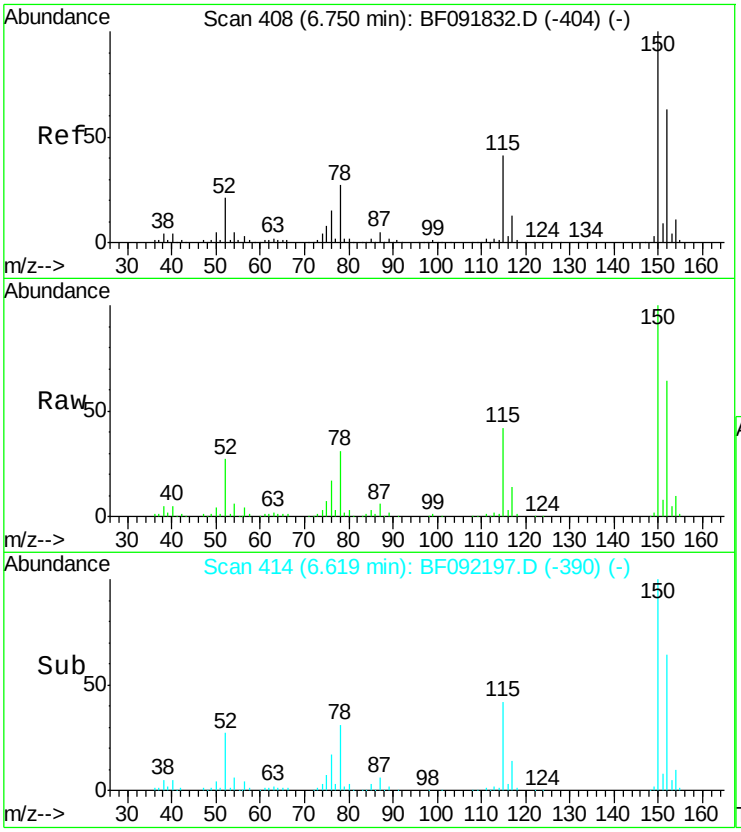
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092197.D
Acq On : 10 Jan 2017 22:11
Operator : UM/SJ
Sample : I1050-02DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

Quant Time: Jan 10 23:36:31 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration



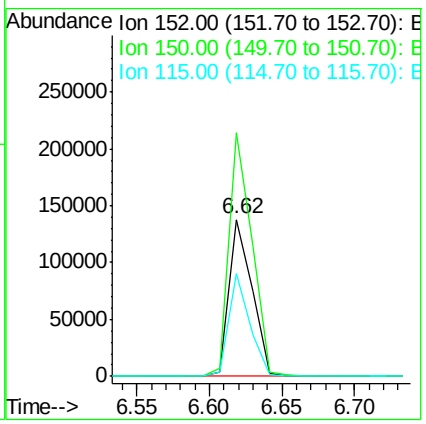


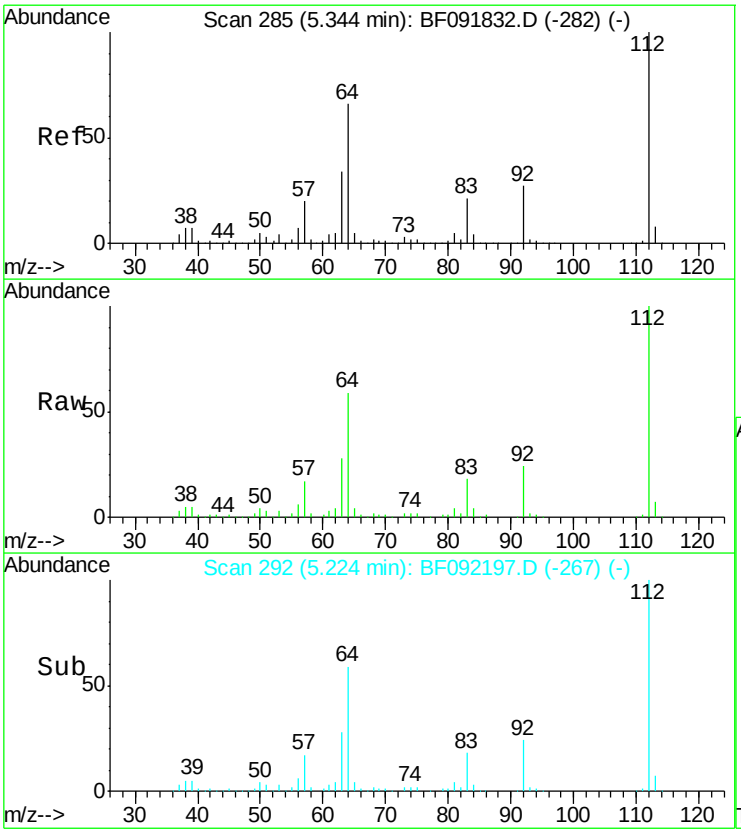
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

Tgt Ion:152 Resp: 150691

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.9	187.3
115	65.8	46.0	69.0

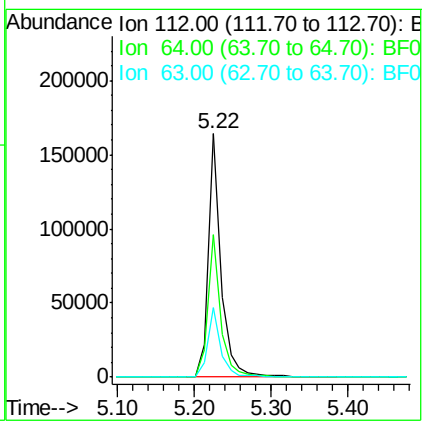


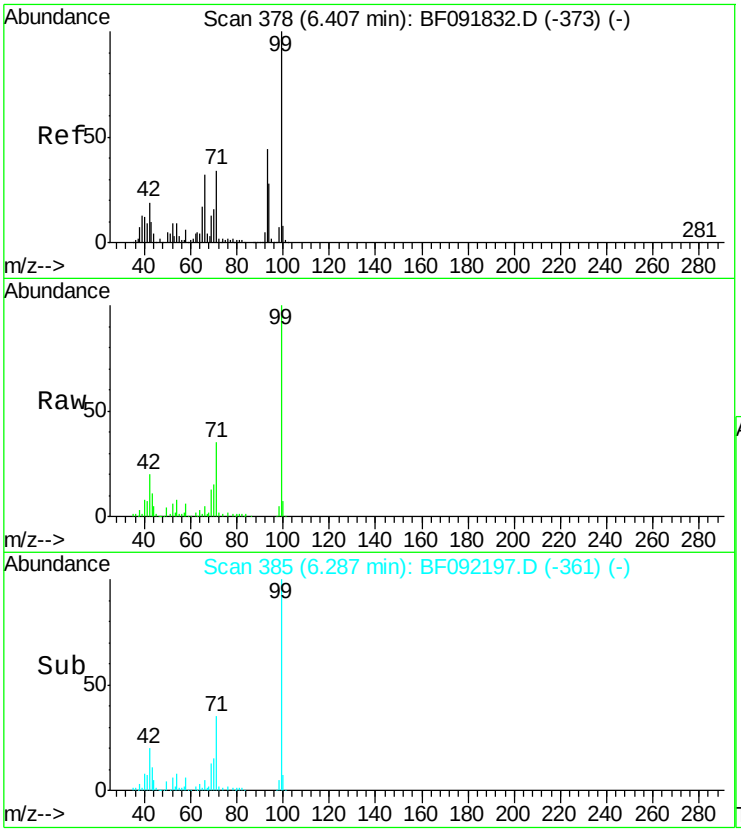


#5
2-Fluorophenol
Concen: 20.63 ng
RT: 5.22 min Scan# 292
Delta R.T. -0.01 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Tgt Ion:112 Resp: 186172

Ion	Ratio	Lower	Upper
112	100		
64	58.5	46.1	69.1
63	28.5	23.8	35.6



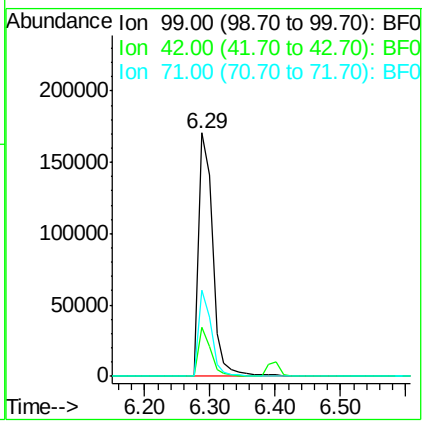


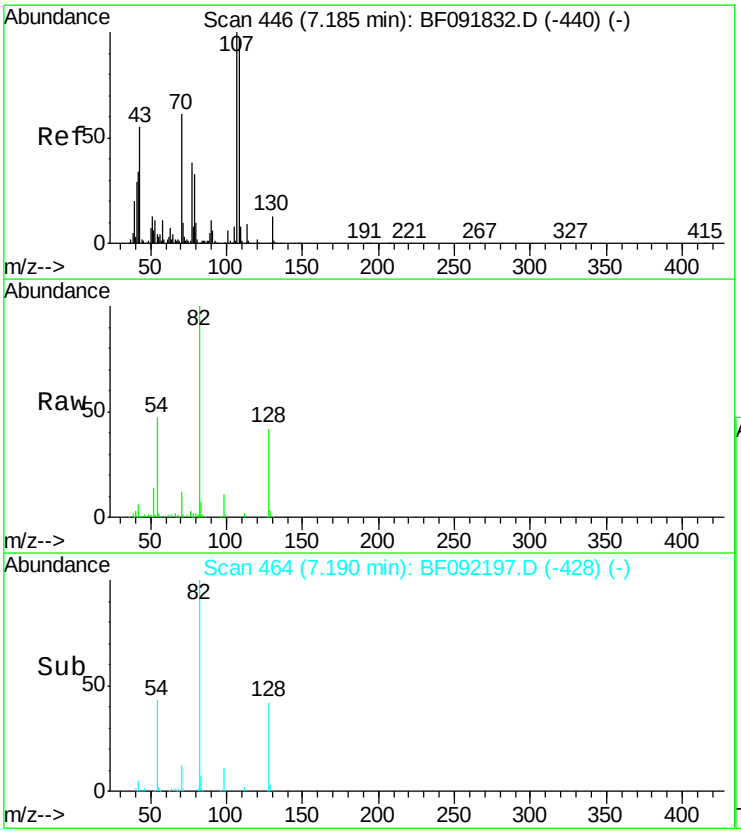
#7
Phenol-d6
Concen: 22.84 ng
RT: 6.29 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

Tgt Ion: 99 Resp: 251674

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.6	23.4
71	35.3	27.5	41.3

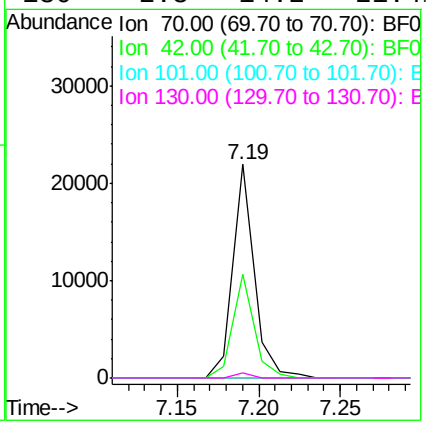


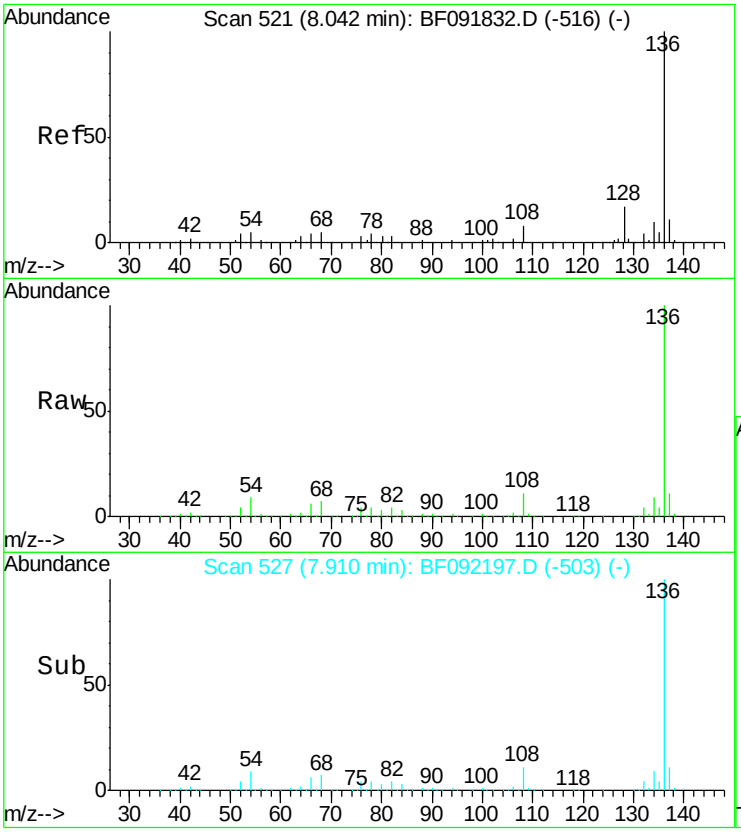


#19
n-Nitroso-di-n-propylamine
Concen: 2.70 ng
RT: 7.19 min Scan# 464
Delta R.T. 0.11 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Tgt Ion: 70 Resp: 19763

Ion	Ratio	Lower	Upper
70	100		
42	48.3	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#



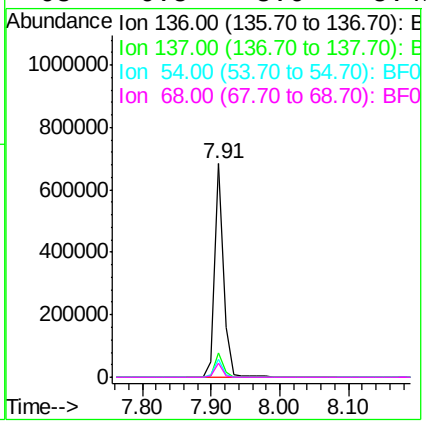


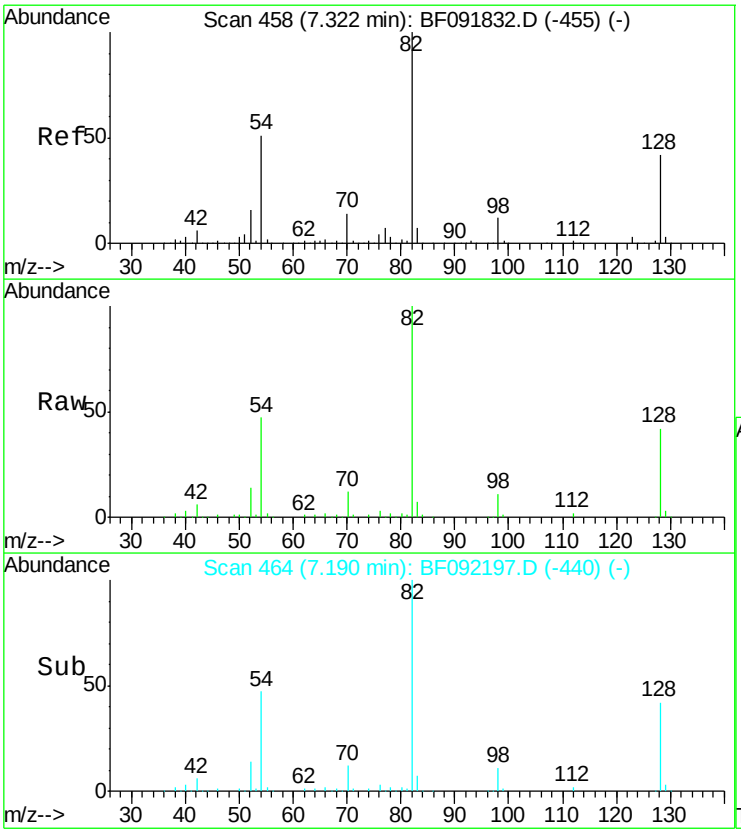
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

Tgt Ion:136 Resp: 632701

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	8.6	4.5	6.7#
68	6.5	3.6	5.4#

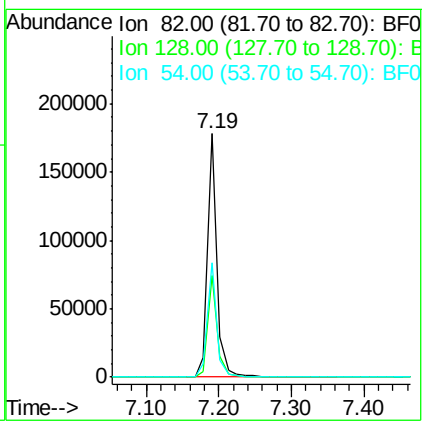


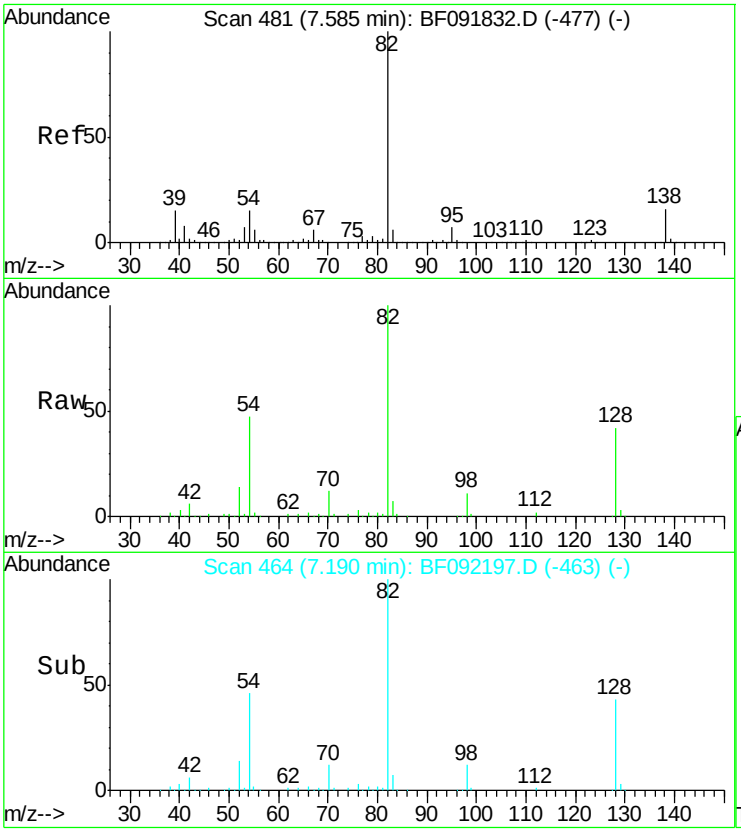


#23
Nitrobenzene-d5
Concen: 14.15 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Tgt Ion: 82 Resp: 160961

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	47.1	39.5	59.3



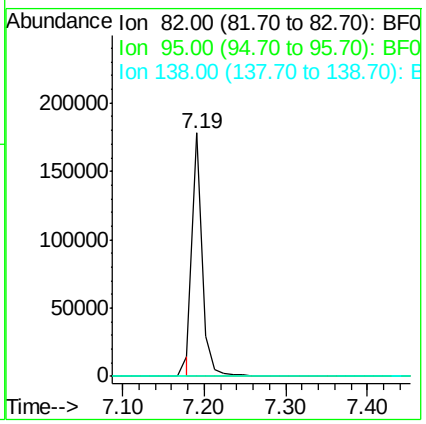


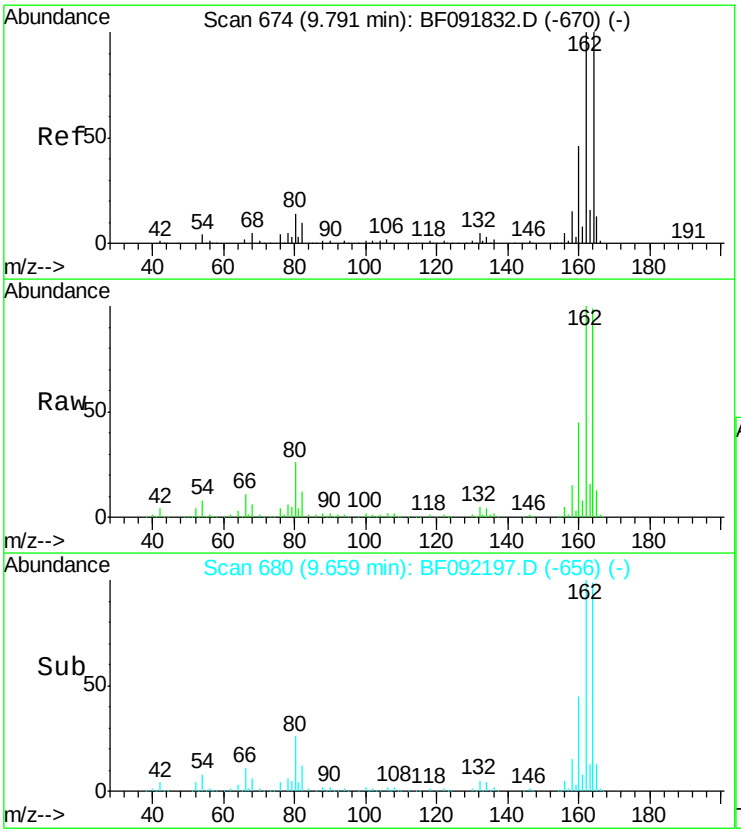
#25
Isophorone
Concen: 7.19 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.29 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

Tgt Ion: 82 Resp: 150964

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

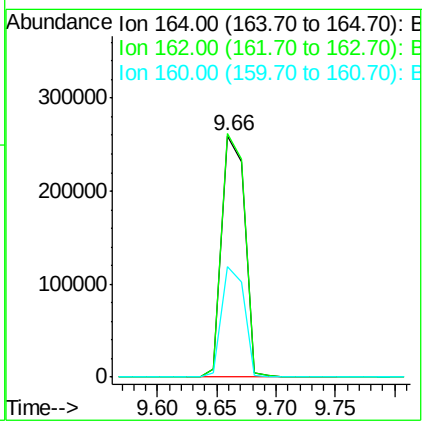


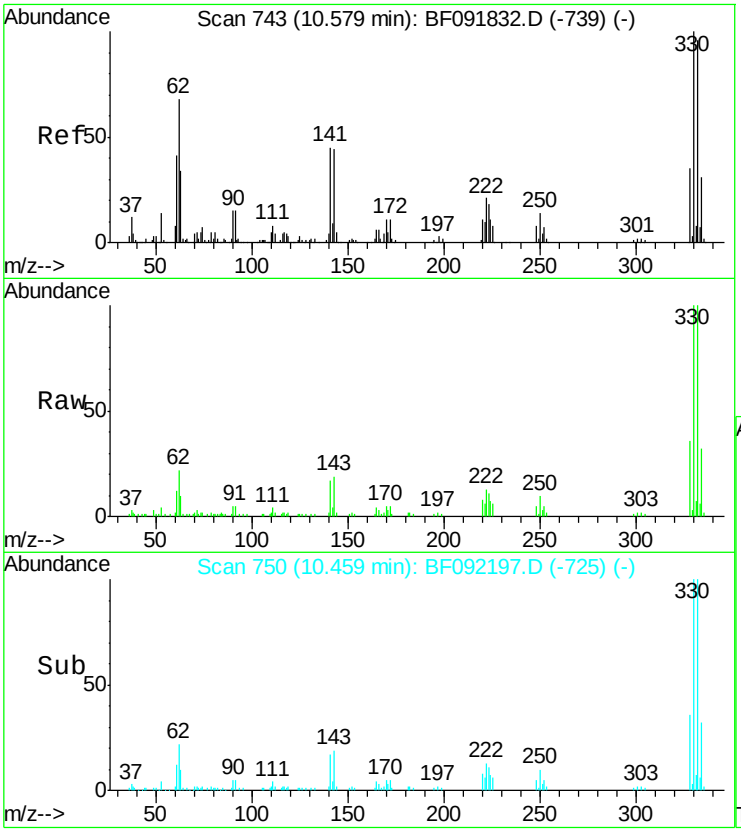


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Tgt Ion:164 Resp: 347935

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	45.9	36.9	55.3



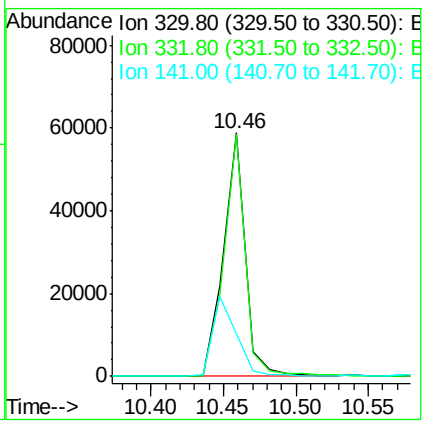


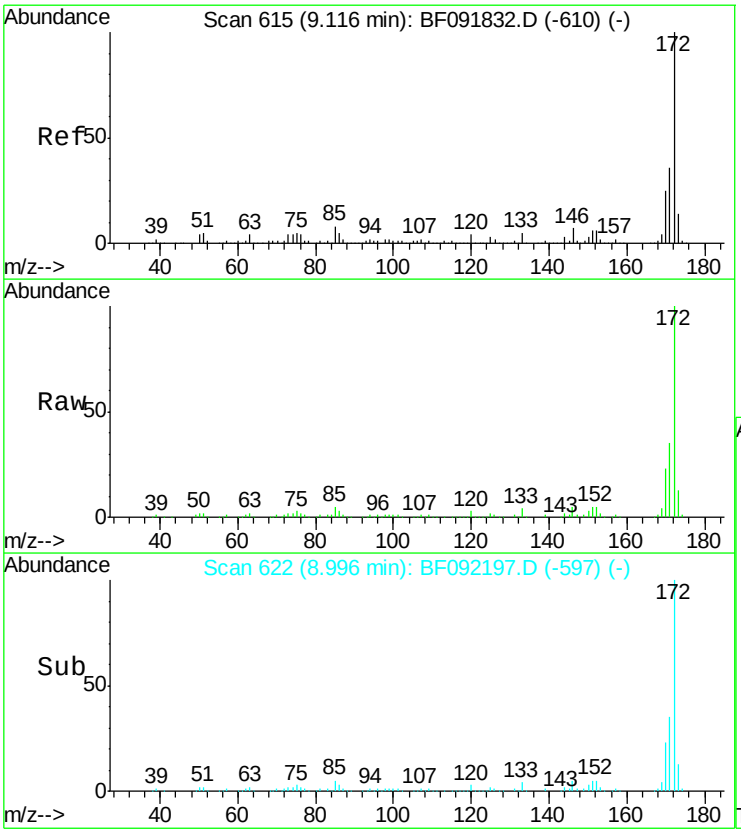
#41
2,4,6-Tribromophenol
Concen: 21.16 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

Tgt Ion:330 Resp: 60922

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.2
141	36.0	34.1	51.1

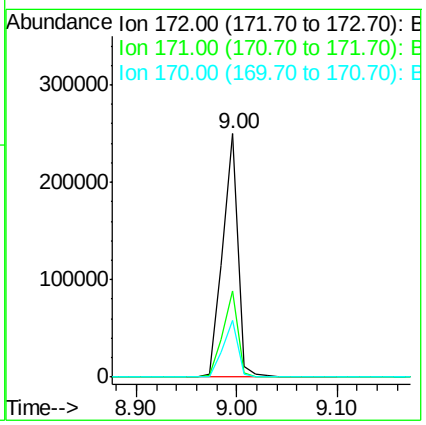


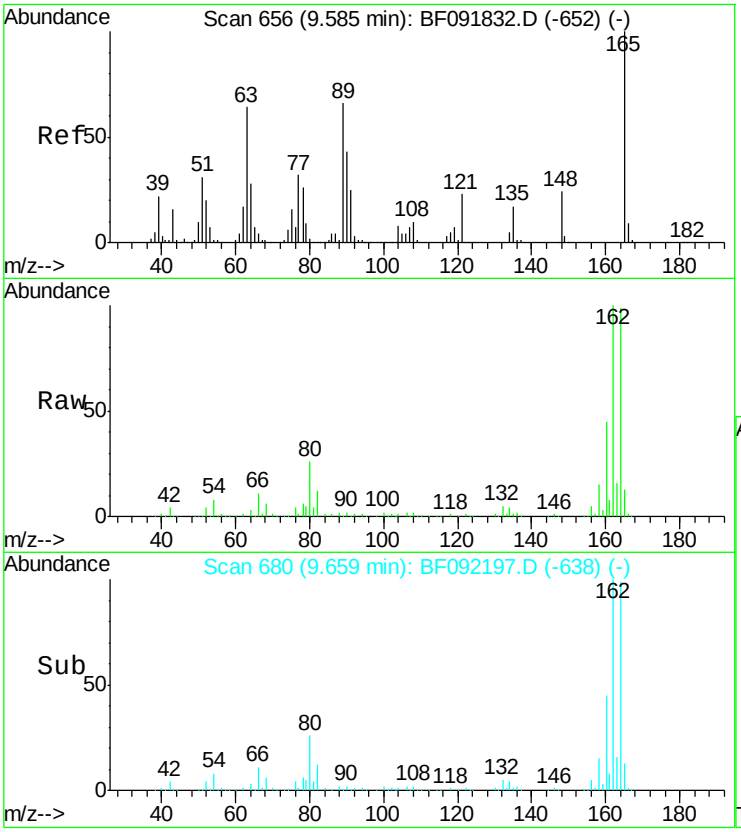


#44
2-Fluorobiphenyl
Concen: 3.11 ng
RT: 9.00 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Tgt Ion:172 Resp: 263903

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.3	20.2	30.4



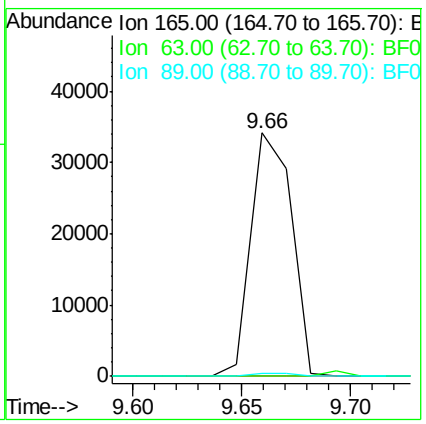


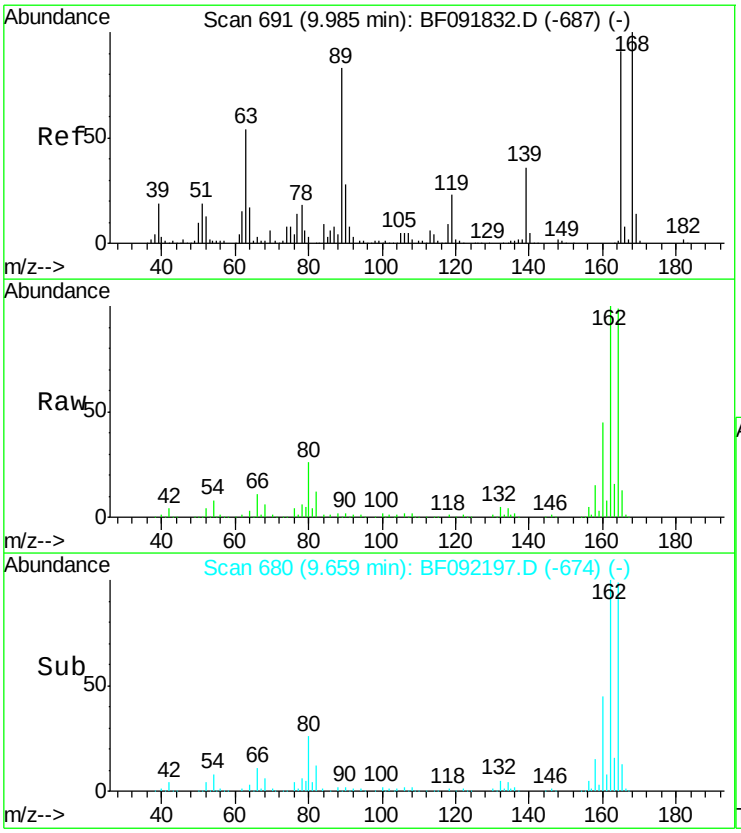
#50
2,6-Dinitrotoluene
Concen: 9.21 ng
RT: 9.66 min Scan# 680
Delta R.T. 0.18 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

Tgt Ion:165 Resp: 44848

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	1.4	40.2	60.4#

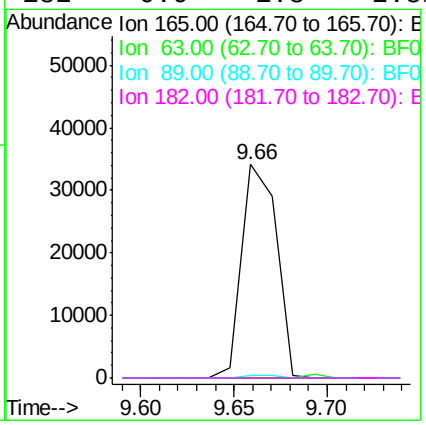


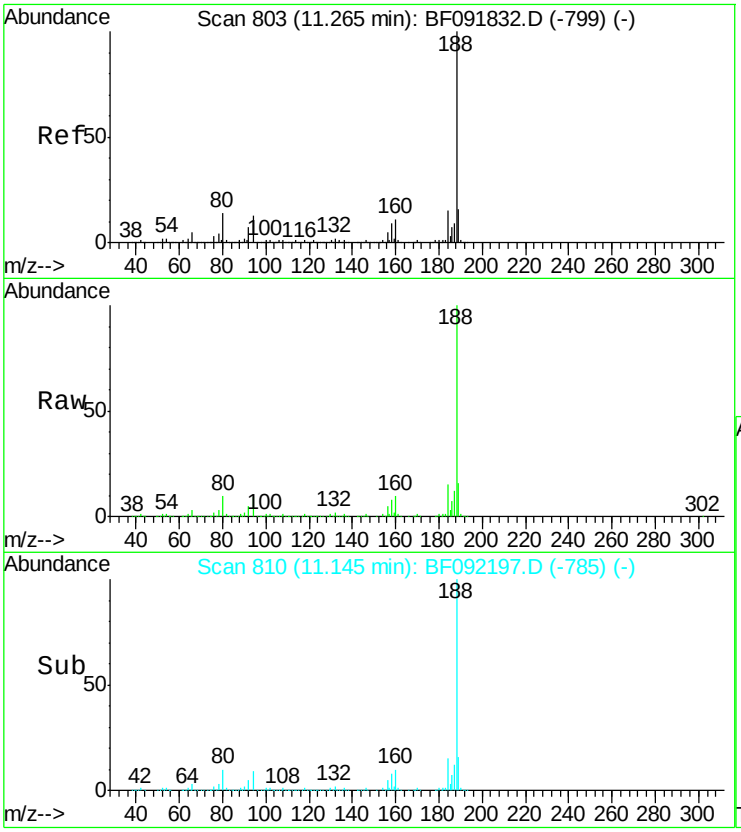


#56
2,4-Dinitrotoluene
Concen: 7.34 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.23 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Tgt Ion:165 Resp: 44851

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#



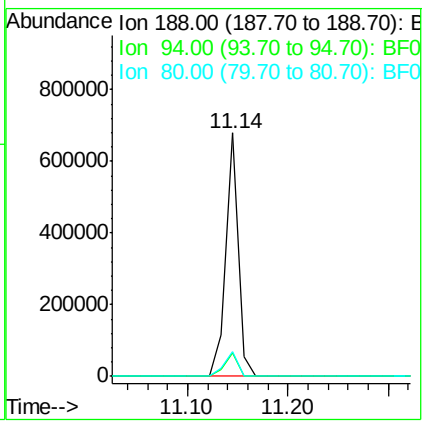


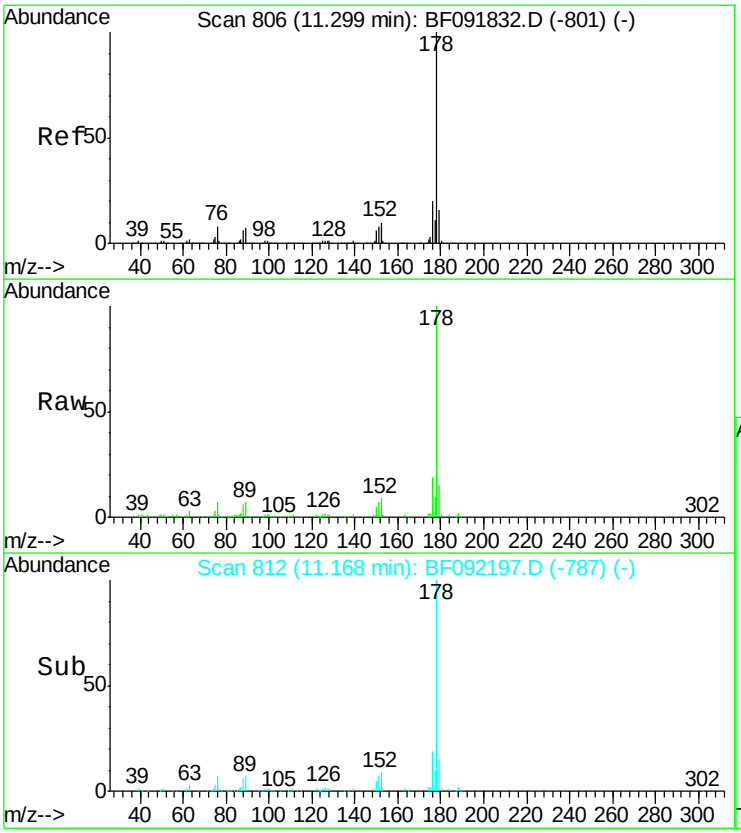
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

Tgt Ion:188 Resp: 589612

Ion	Ratio	Lower	Upper
188	100		
94	9.4	10.0	15.0#
80	10.3	11.2	16.8#

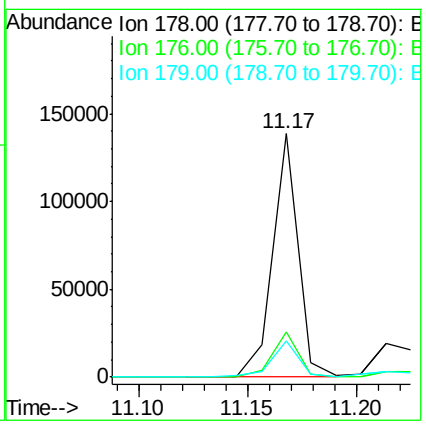


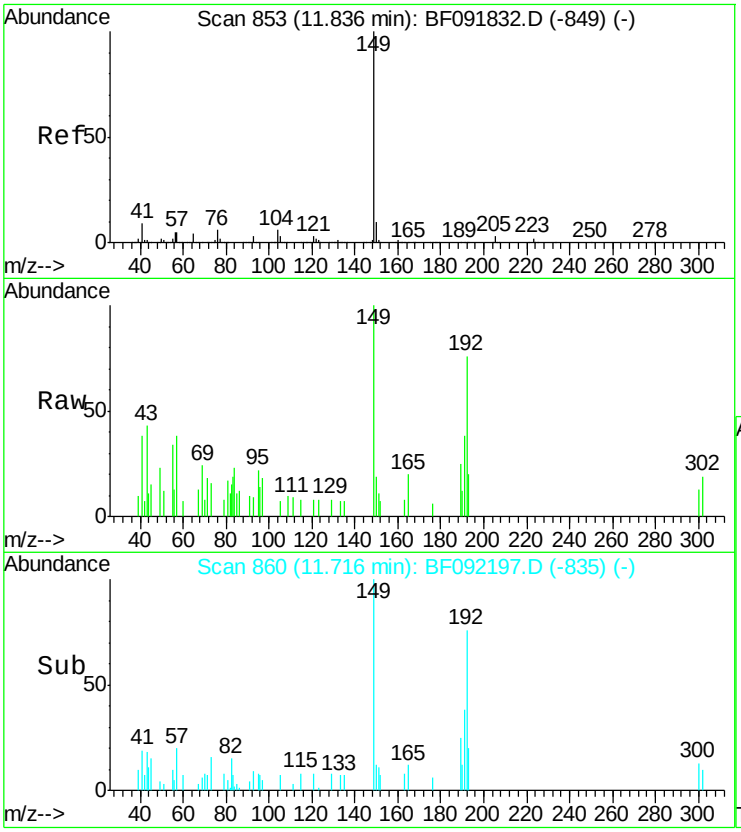


#70
Phenanthrene
Concen: 3.58 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Tgt Ion:178 Resp: 114327

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.6	25.0
179	14.8	12.8	19.2



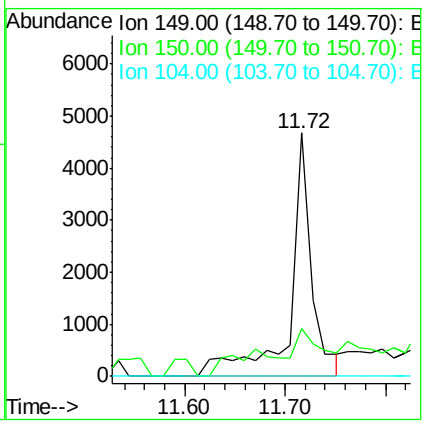


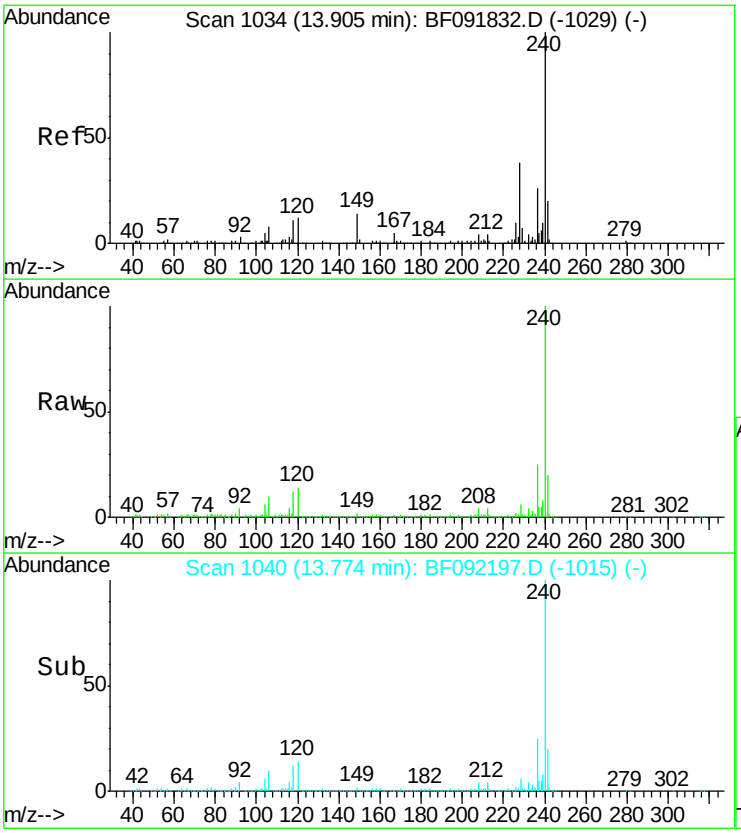
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.72 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

Tgt Ion:149 Resp: 6957

Ion	Ratio	Lower	Upper
149	100		
150	19.4	8.1	12.1#
104	0.0	4.6	7.0#

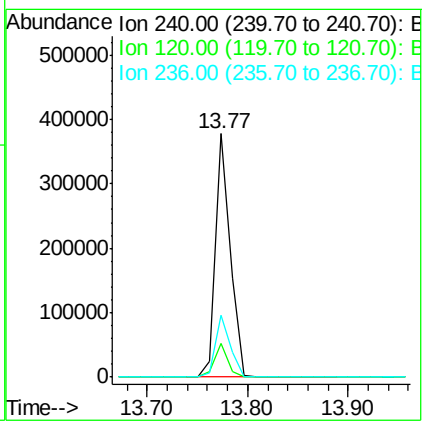


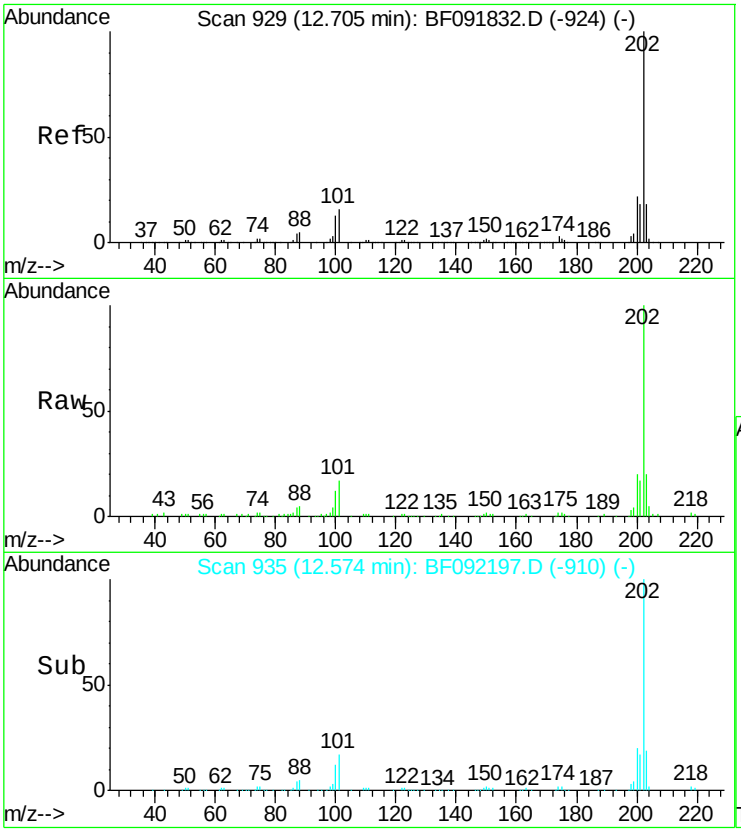


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Tgt Ion:240 Resp: 386352

Ion	Ratio	Lower	Upper
240	100		
120	13.8	12.9	19.3
236	25.3	20.9	31.3



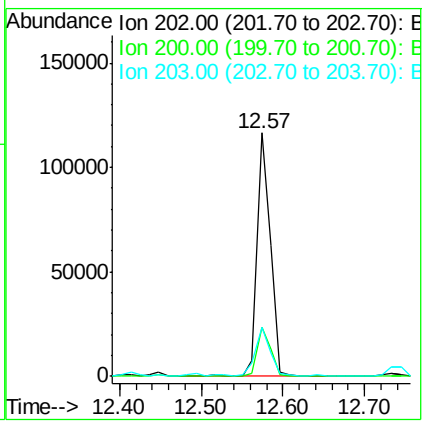


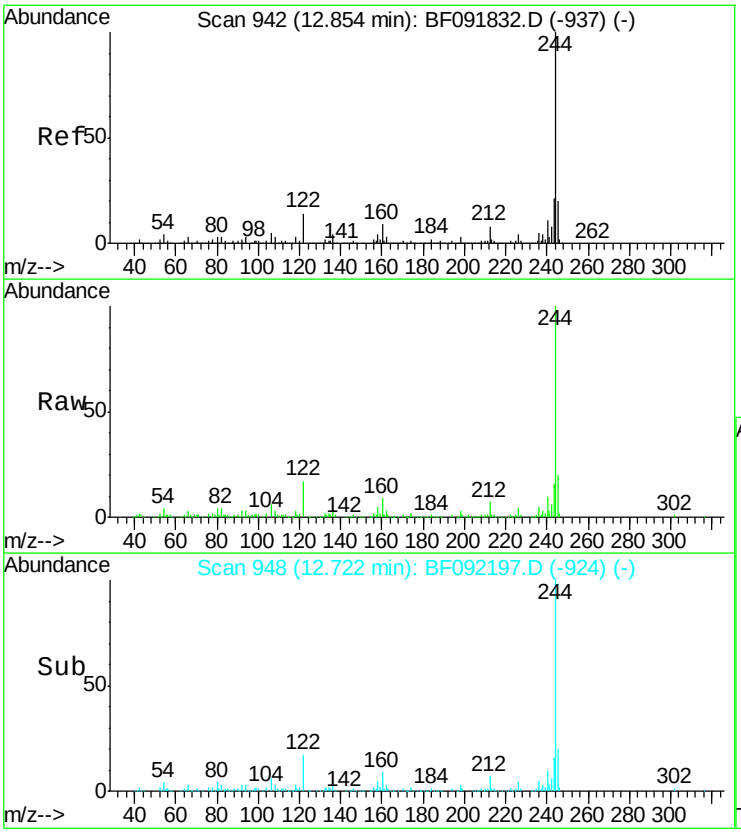
#77
Pyrene
Concen: 4.67 ng
RT: 12.57 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

Tgt Ion:202 Resp: 132437

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.7	26.5
203	19.9	14.7	22.1

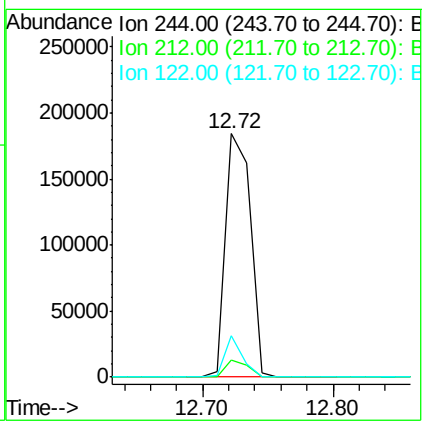


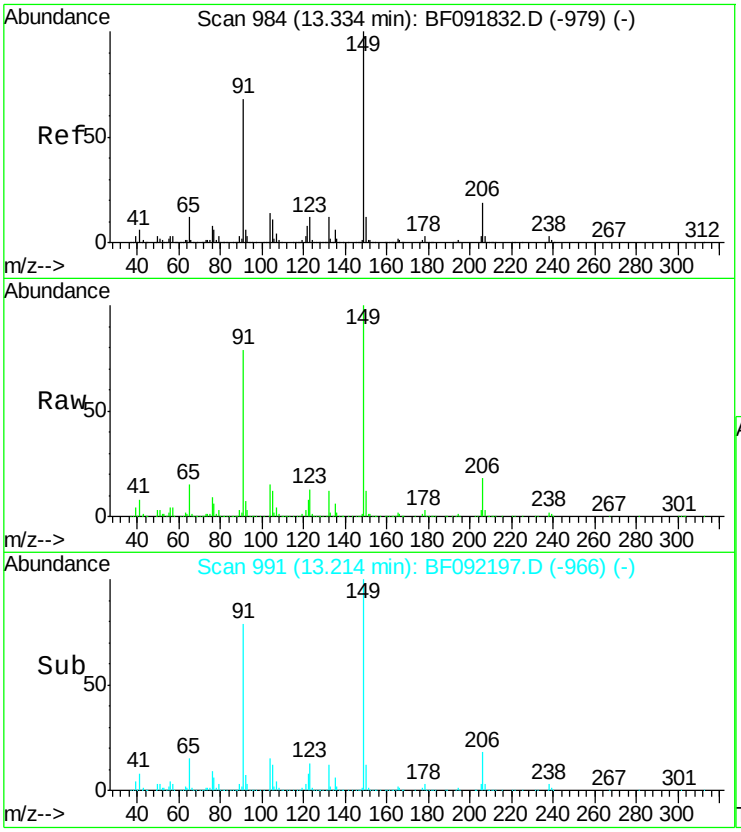


#78
Terphenyl-d14
Concen: 15.34 ng
RT: 12.72 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Tgt Ion:244 Resp: 244303

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	16.8	11.4	17.2



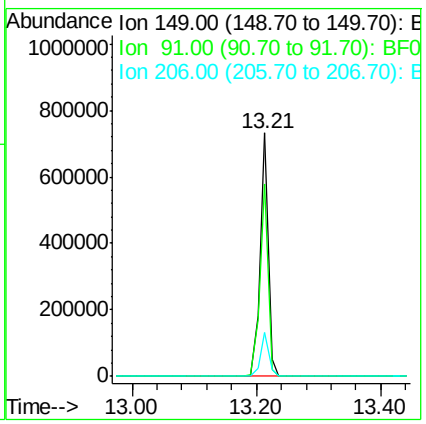


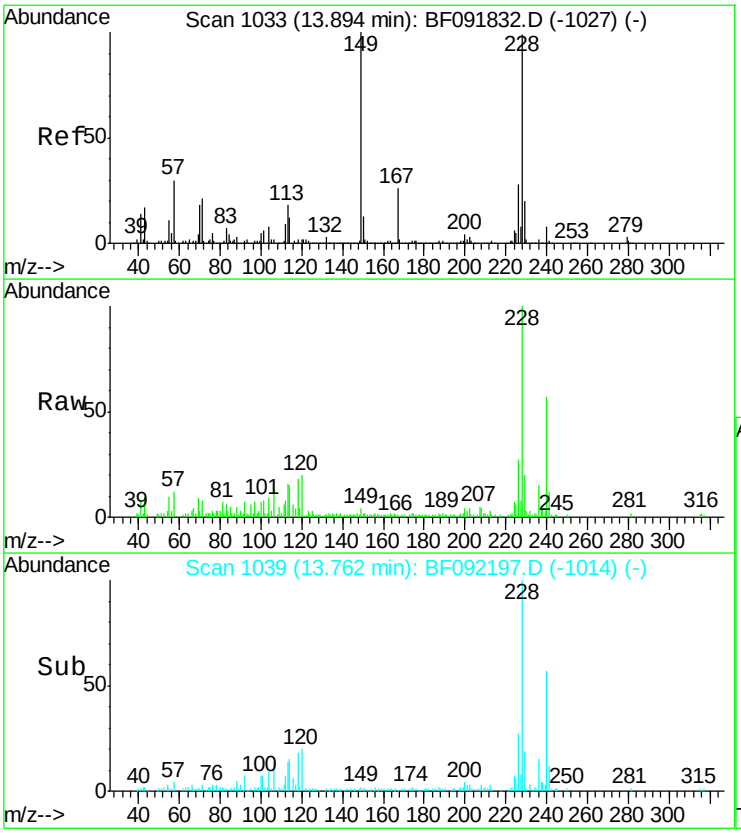
#79
Butylbenzylphthalate
Concen: 51.88 ng
RT: 13.21 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

Tgt Ion:149 Resp: 668805

Ion	Ratio	Lower	Upper
149	100		
91	78.9	63.9	95.9
206	18.0	14.6	21.8

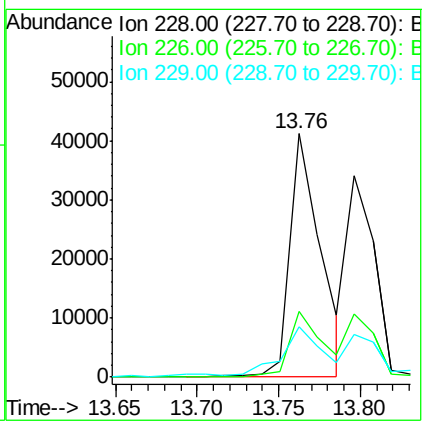


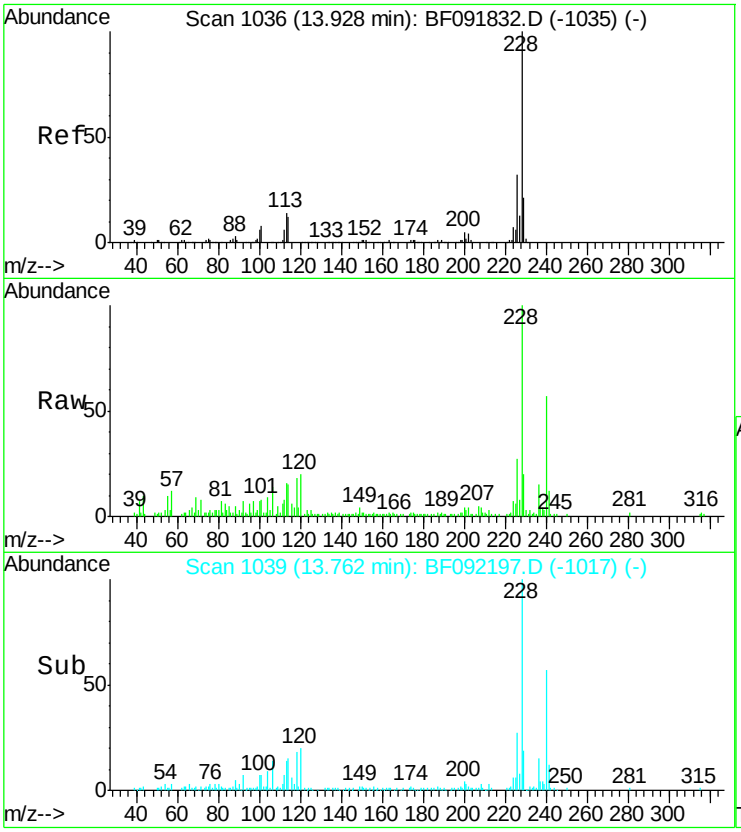


#80
Benzo(a)anthracene
Concen: 2.51 ng
RT: 13.76 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Tgt Ion:228 Resp: 54726

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.4	33.6
229	20.4	16.2	24.4



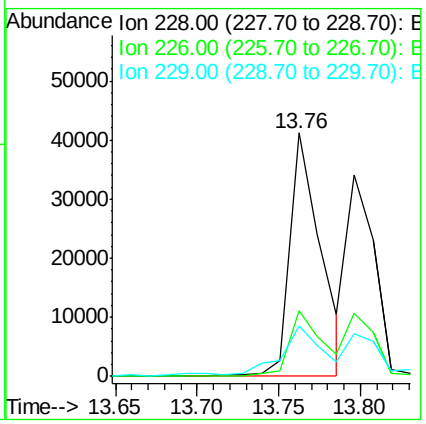


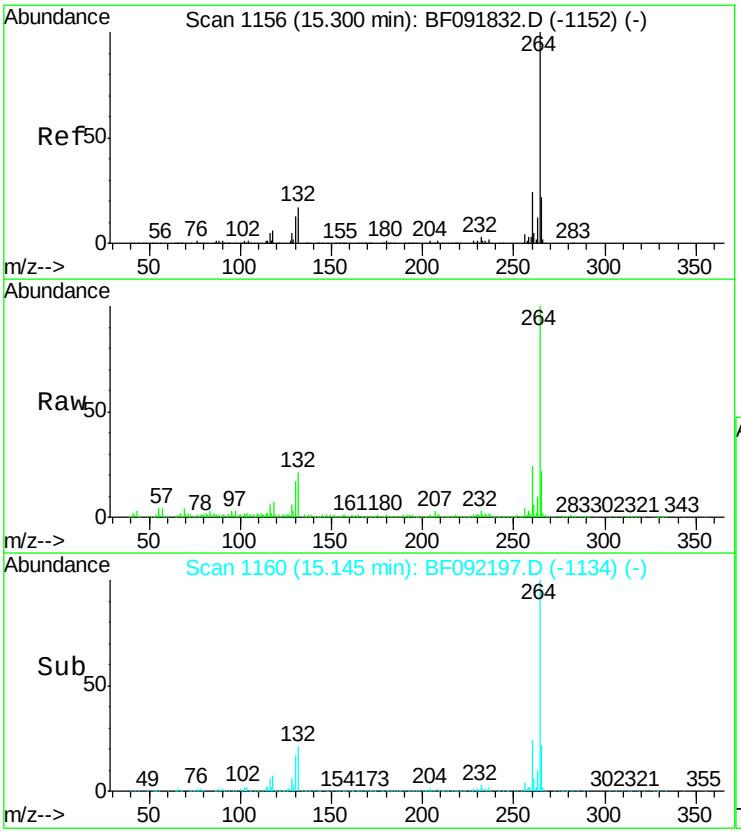
#82
Chrysene
Concen: 2.50 ng
RT: 13.76 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

Tgt Ion:228 Resp: 54726

Ion	Ratio	Lower	Upper
228	100		
226	27.1	25.4	38.0
229	20.4	16.2	24.2

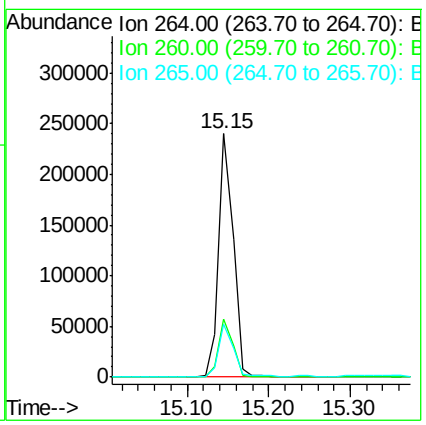


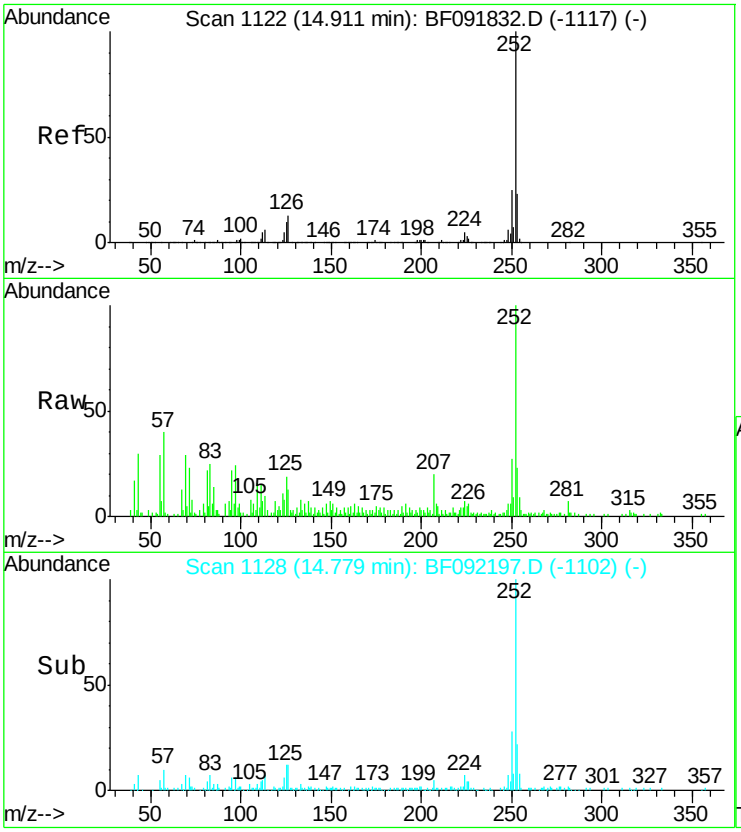


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Tgt Ion:264 Resp: 298907

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.4	26.0



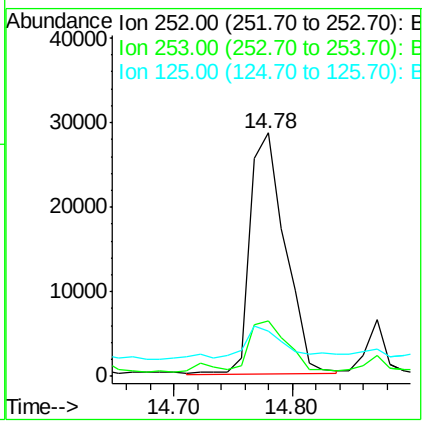


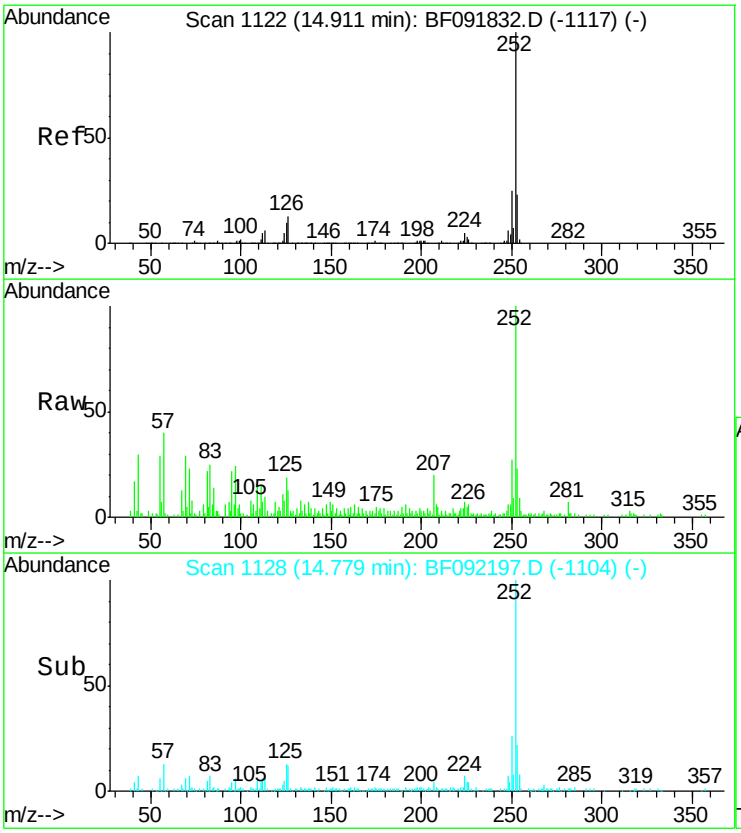
#87
Benzo(b)fluoranthene
Concen: 3.18 ng
RT: 14.78 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

Tgt Ion:252 Resp: 59267

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	18.8	9.8	14.6#





#88
Benzo(k)fluoranthene
Concen: 3.69 ng
RT: 14.78 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Tgt Ion:252 Resp: 58494

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	18.8	8.9	13.3#