Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
Data File : BF092127.D
Acq On : 6 Jan 2017 19:59
Operator : UM/SJ
Sample : I1045-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP1

Quant Time: Jan 06 22:15:44 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	6.64	152	159216	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	579223	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	239029	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	359349	20.00	ng		0.00
75) Chrysene-d12	13.79	240	353047	20.00	ng		0.00
86) Perylene-d12	15.16	264	298116	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	101074	10.60	ng		0.02
7) Phenol-d6	6.32	99	198466	17.05	ng		0.01
23) Nitrobenzene-d5	7.20	82	110229	10.58	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	11080	5.60	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	194790	4.48	ng		0.00
78) Terphenyl-d14	12.73	244	154458	10.61	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.20	77	744	Below Cal			85
37) 2-Methylnaphthalene	8.64	142	6832	Below Cal			93
50) 2,6-Dinitrotoluene	9.67	165	30884	9.23	ng	#	31
56) 2,4-Dinitrotoluene	9.67	165	30884	7.35	ng	#	20
70) Phenanthrene	11.18	178	44367	2.28	ng		97
71) Anthracene	11.22	178	10418	Below Cal			97
73) Di-n-butylphthalate	11.73	149	4716	Below Cal		#	82
74) Fluoranthene	12.36	202	45761	Below Cal			98
76) Benzidine	12.49	184	437	Below Cal		#	1

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

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BNA_F
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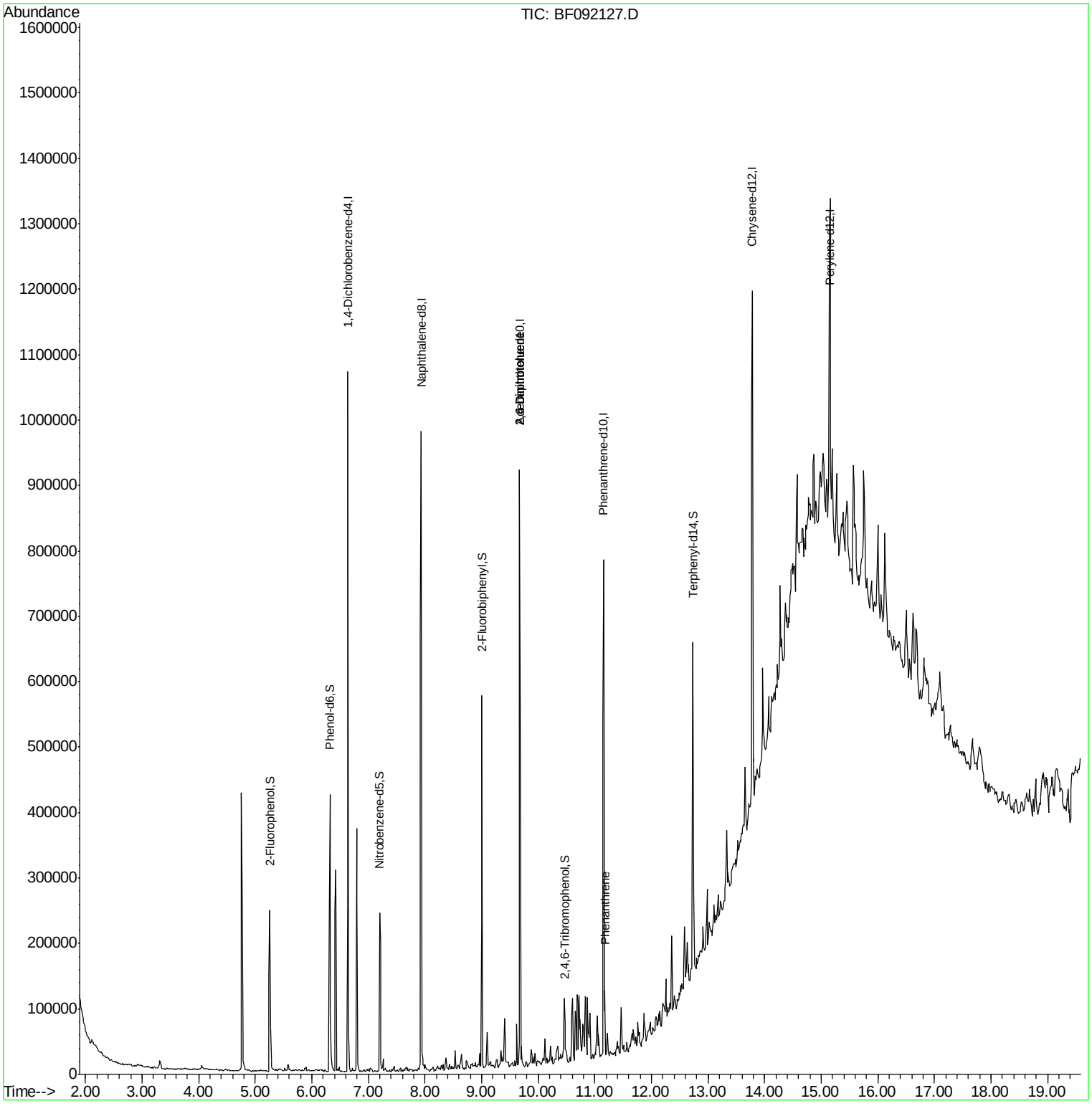
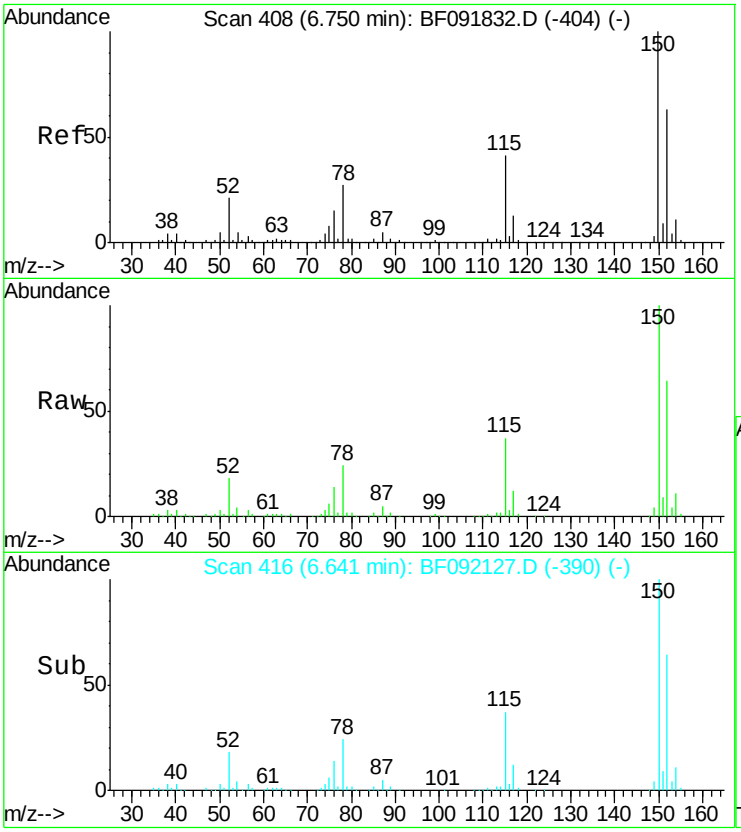


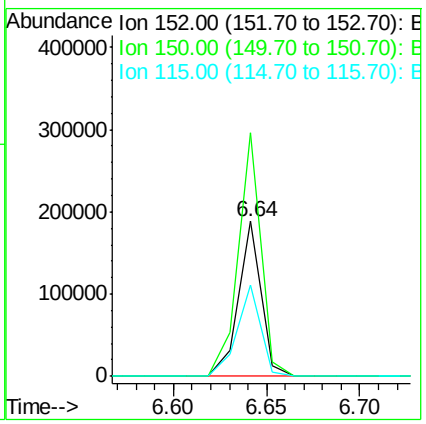


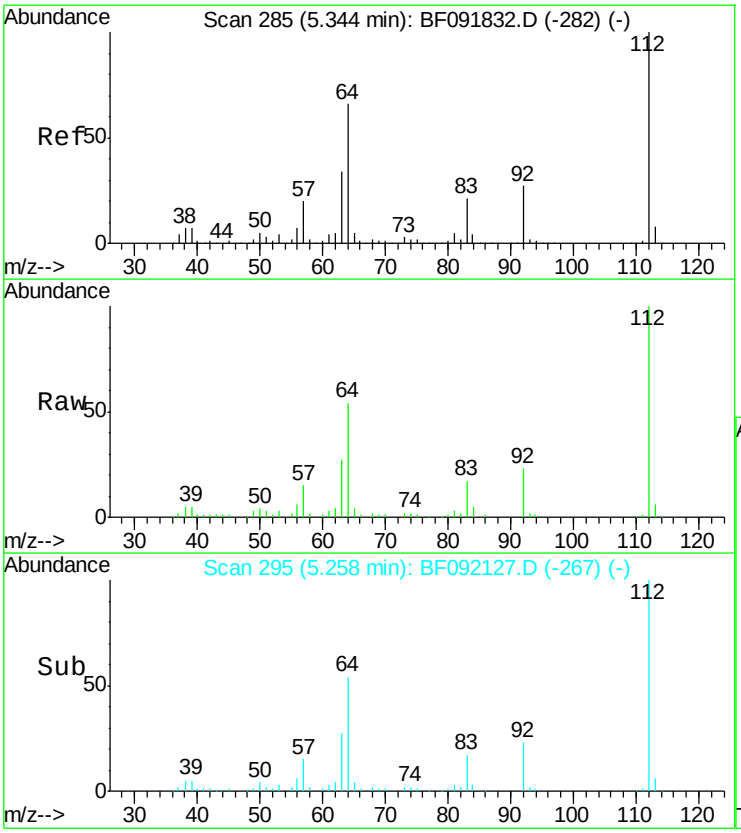
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Instrument :
BNA_F
ClientSampleId :
P3-SP1

Tgt Ion:152 Resp: 159216

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.9	187.3
115	59.0	46.0	69.0

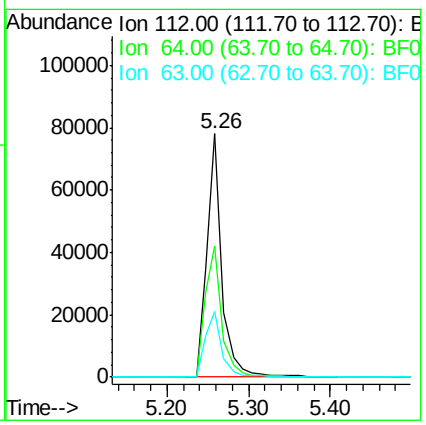


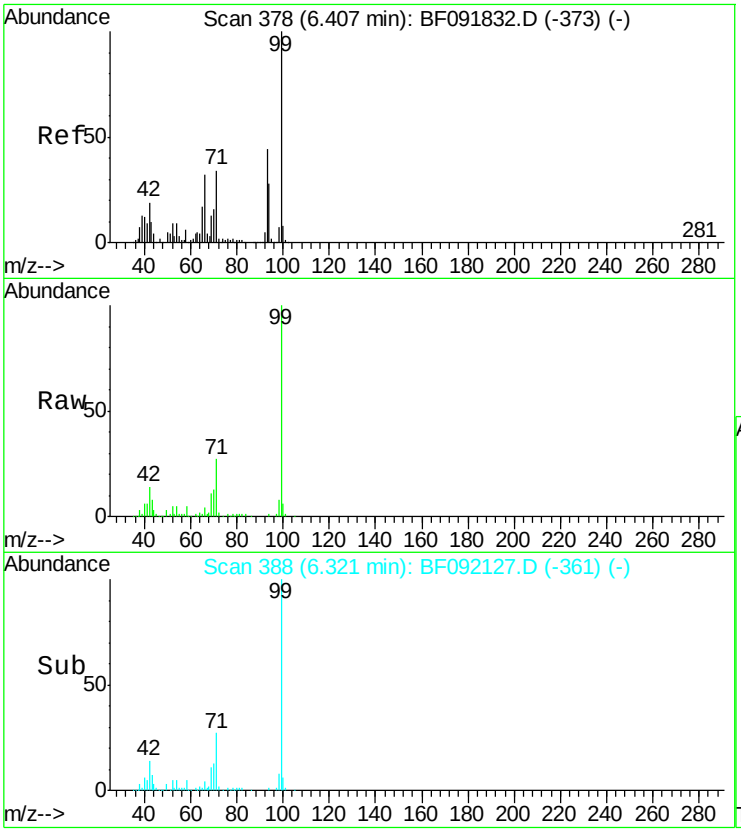


#5
2-Fluorophenol
Concen: 10.60 ng
RT: 5.26 min Scan# 295
Delta R.T. 0.02 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Tgt Ion:112 Resp: 101074

Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.1	69.1
63	26.7	23.8	35.6



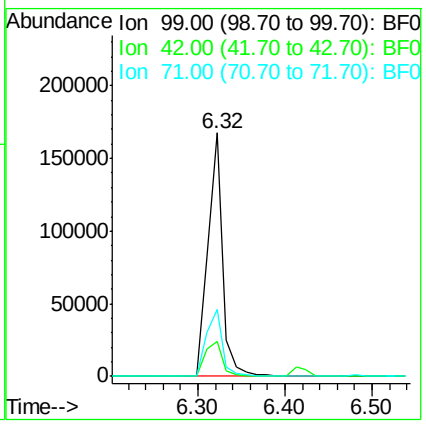


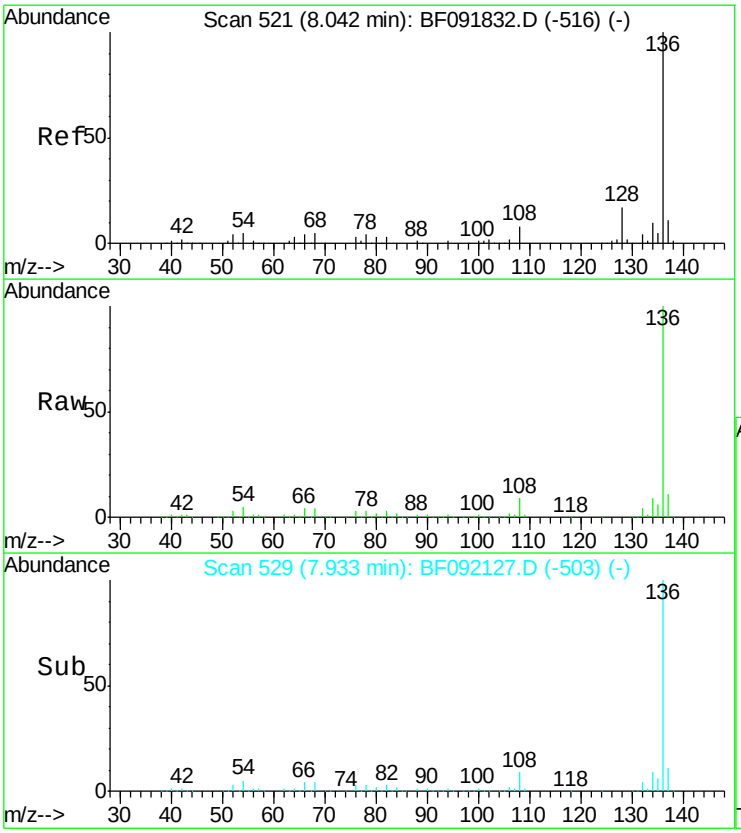
#7
Phenol-d6
Concen: 17.05 ng
RT: 6.32 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Instrument :
BNA_F
ClientSampleId :
P3-SP1

Tgt Ion: 99 Resp: 198466

Ion	Ratio	Lower	Upper
99	100		
42	14.5	15.6	23.4#
71	27.3	27.5	41.3#

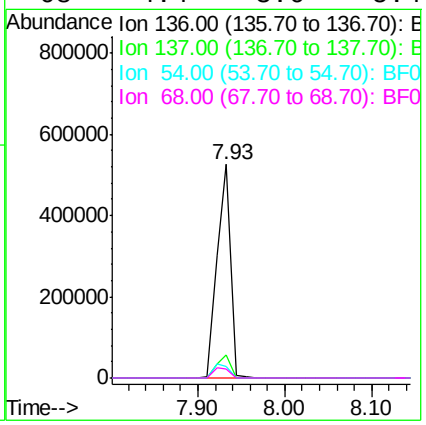


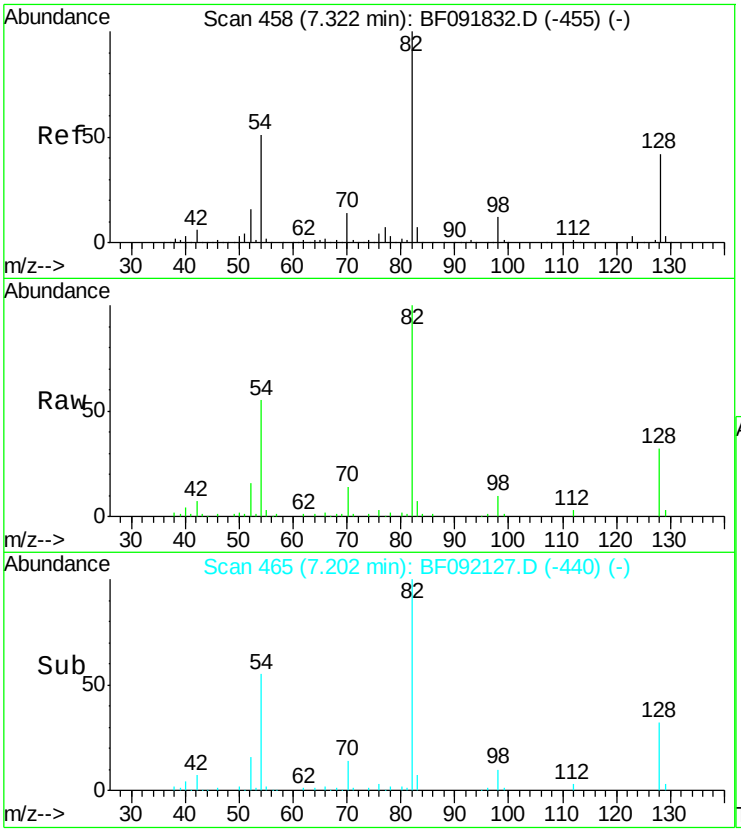


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Tgt Ion:136 Resp: 579223

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	5.2	4.5	6.7
68	4.4	3.6	5.4



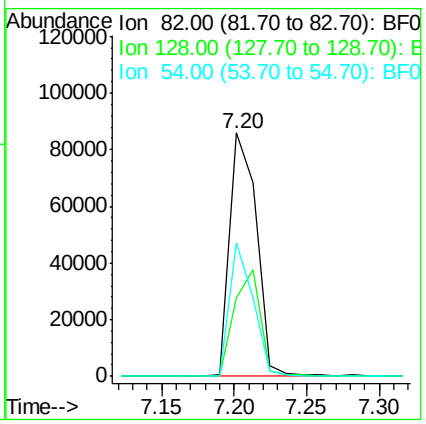


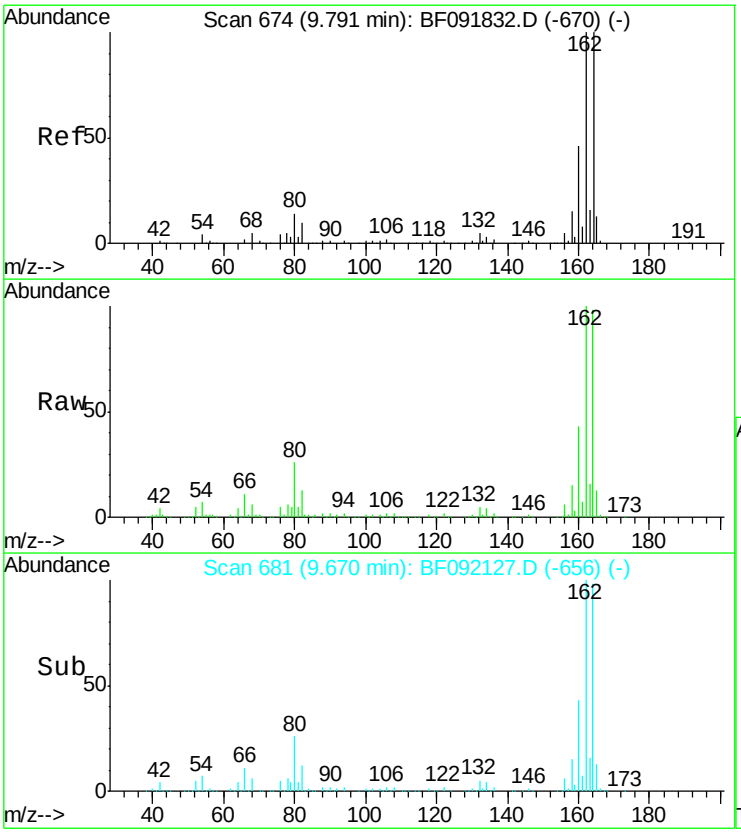
#23
Nitrobenzene-d5
Concen: 10.58 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Instrument :
BNA_F
ClientSampleId :
P3-SP1

Tgt Ion: 82 Resp: 110229

Ion	Ratio	Lower	Upper
82	100		
128	32.0	34.6	52.0#
54	55.1	39.5	59.3

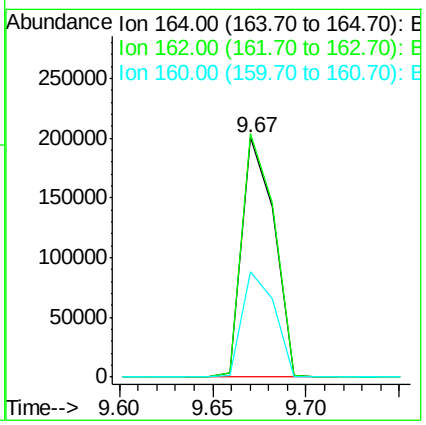


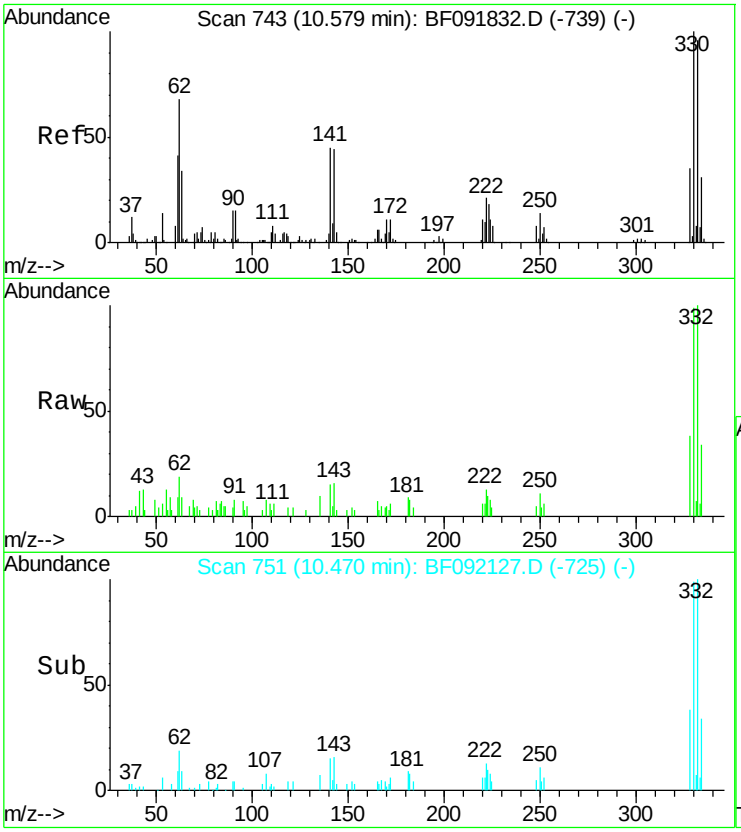


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Tgt Ion:164 Resp: 239029

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	44.0	36.9	55.3



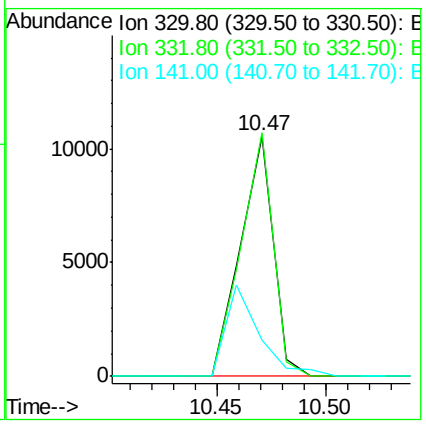


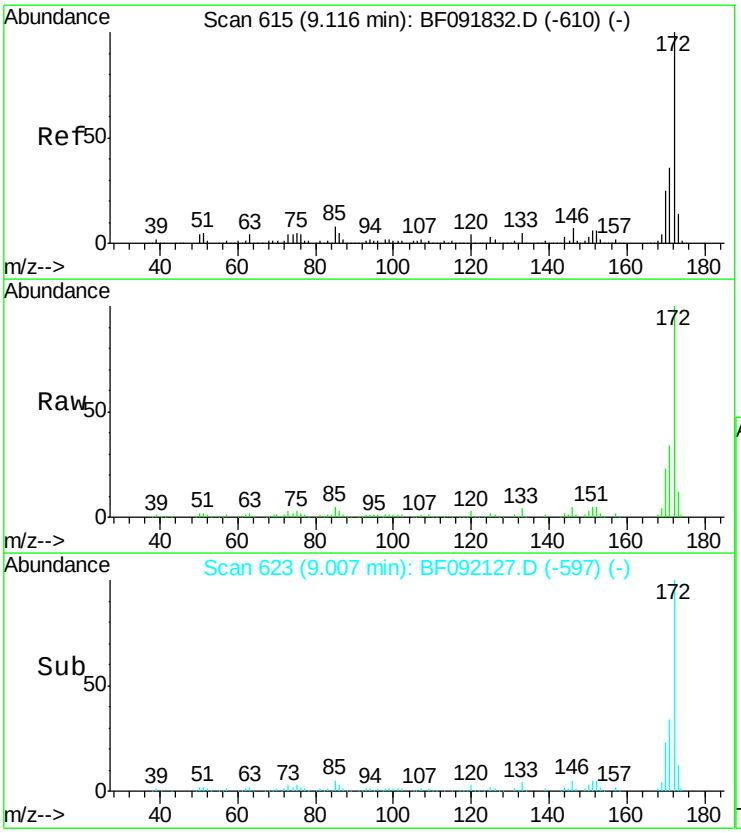
#41
2,4,6-Tribromophenol
Concen: 5.60 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Instrument :
BNA_F
ClientSampleId :
P3-SP1

Tgt Ion:330 Resp: 11080

Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.4	116.2
141	38.8	34.1	51.1

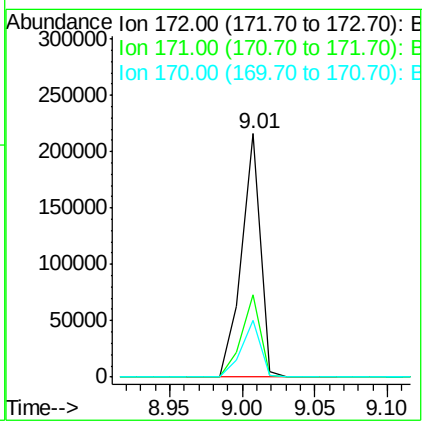


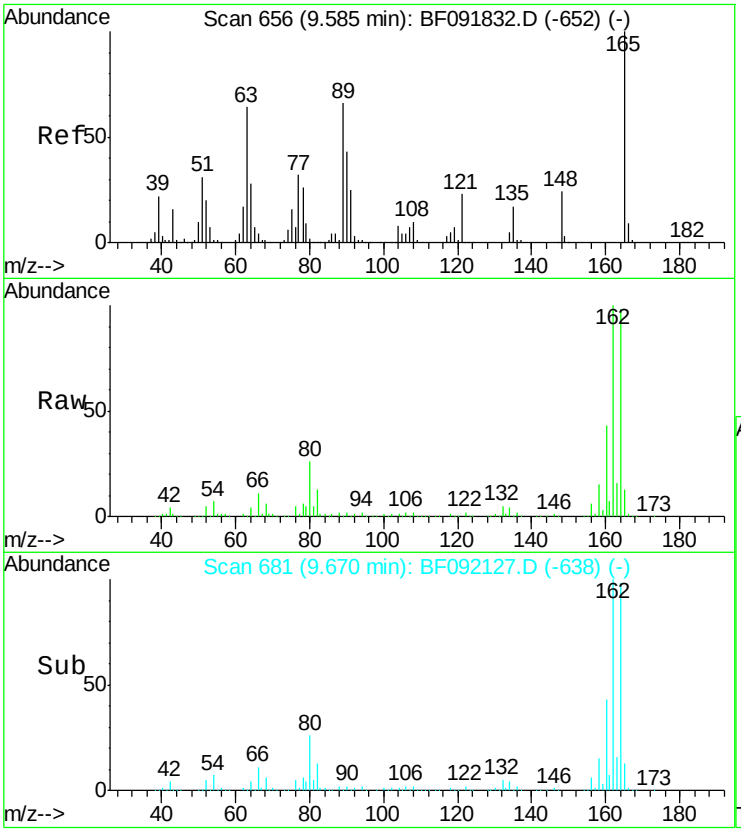


#44
2-Fluorobiphenyl
Concen: 4.48 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Tgt Ion:172 Resp: 194790

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.4	44.0
170	23.4	20.2	30.4



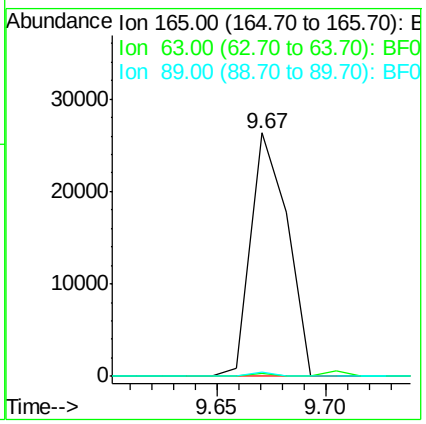


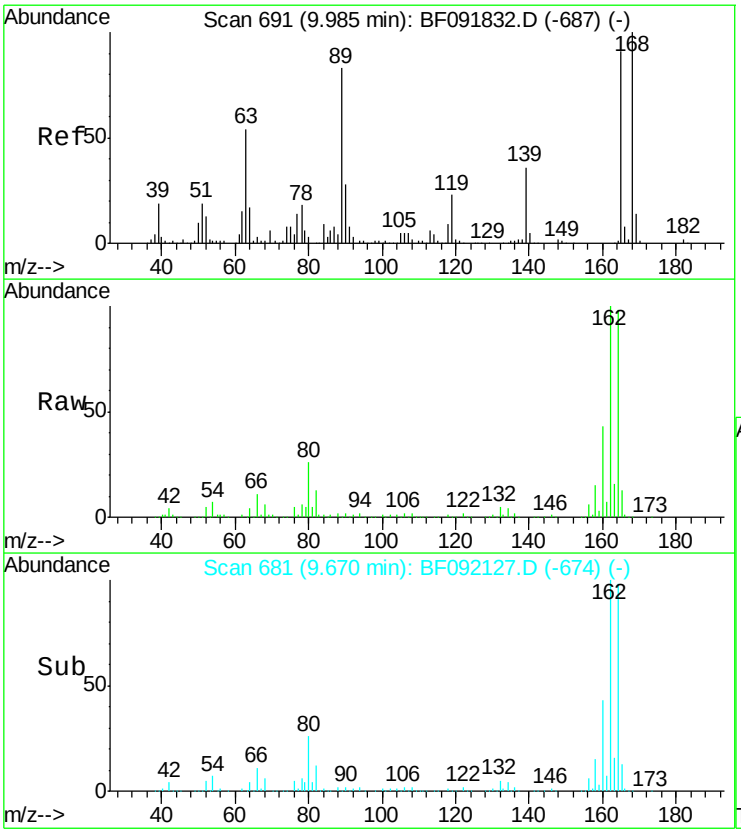
#50
2,6-Dinitrotoluene
Concen: 9.23 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.19 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Instrument :
BNA_F
ClientSampleId :
P3-SP1

Tgt Ion:165 Resp: 30884

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	1.7	40.2	60.4#

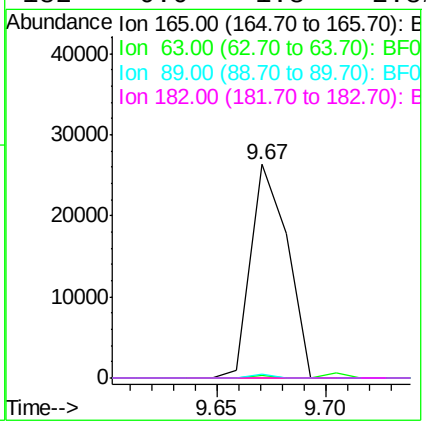


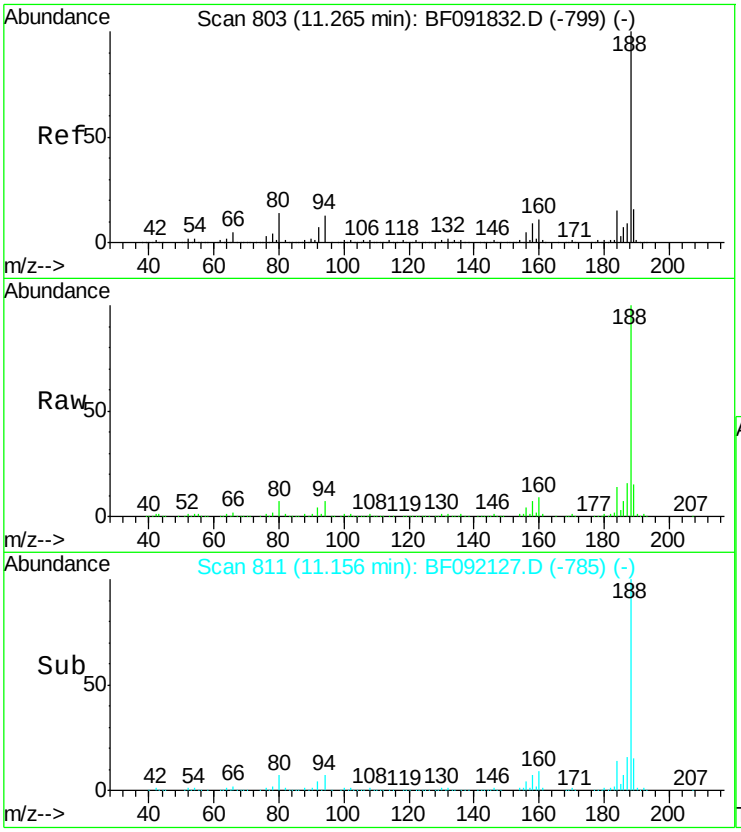


#56
2,4-Dinitrotoluene
Concen: 7.35 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.22 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Tgt Ion:165 Resp: 30884

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	1.7	62.5	93.7#
182	0.0	1.8	2.8#



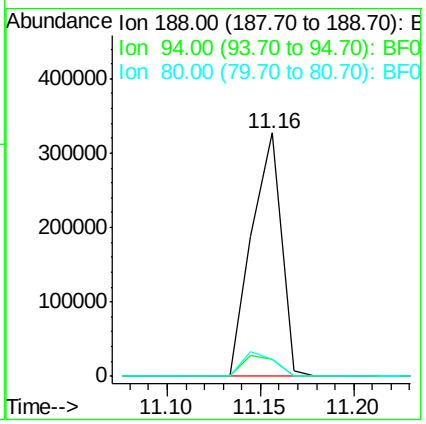


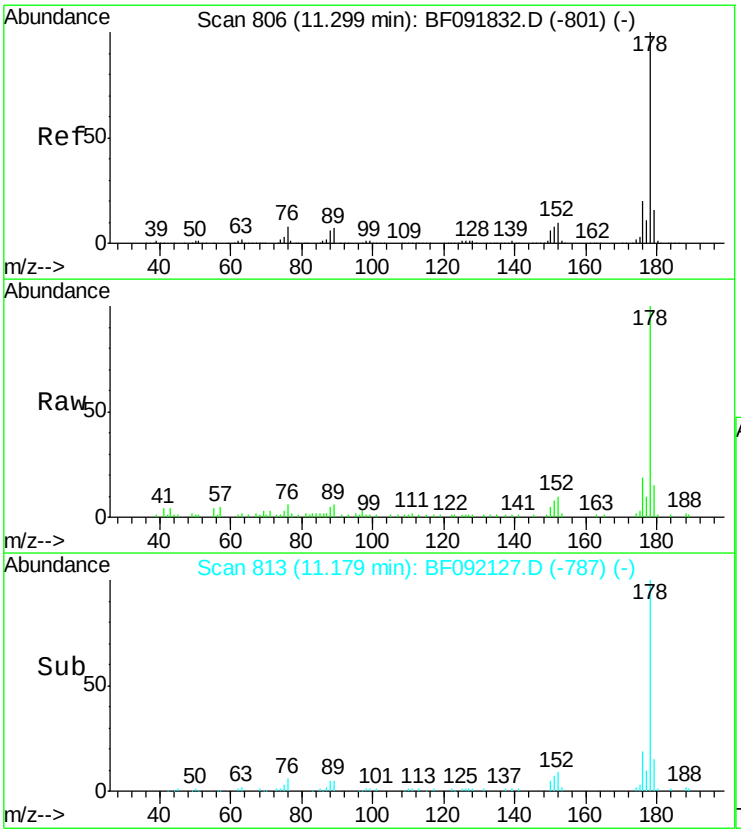
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Instrument :
BNA_F
ClientSampleId :
P3-SP1

Tgt Ion:188 Resp: 359349

Ion	Ratio	Lower	Upper
188	100		
94	6.9	10.0	15.0#
80	6.8	11.2	16.8#

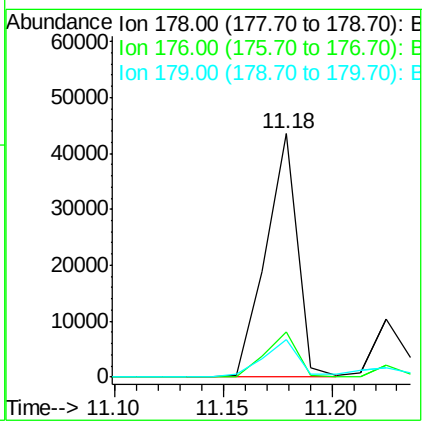


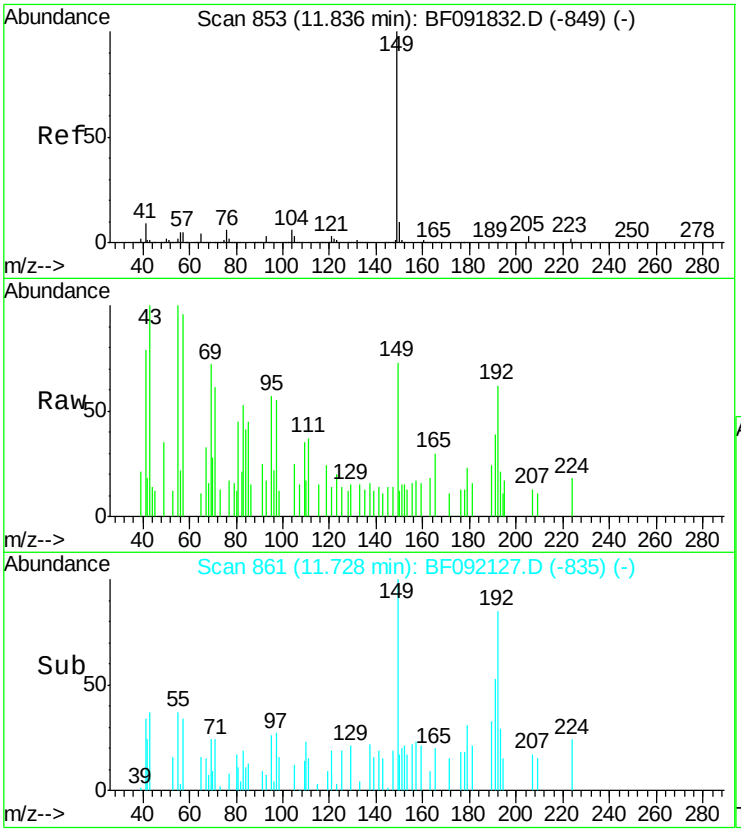


#70
Phenanthrene
Concen: 2.28 ng
RT: 11.18 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Tgt Ion:178 Resp: 44367

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.6	25.0
179	15.4	12.8	19.2



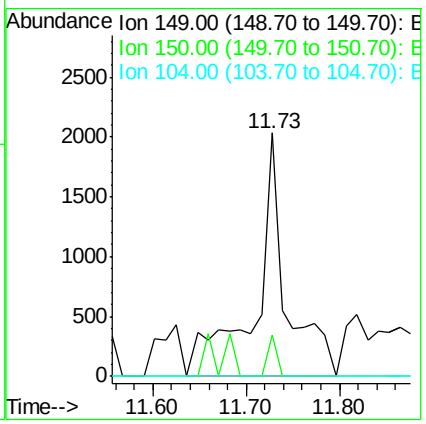


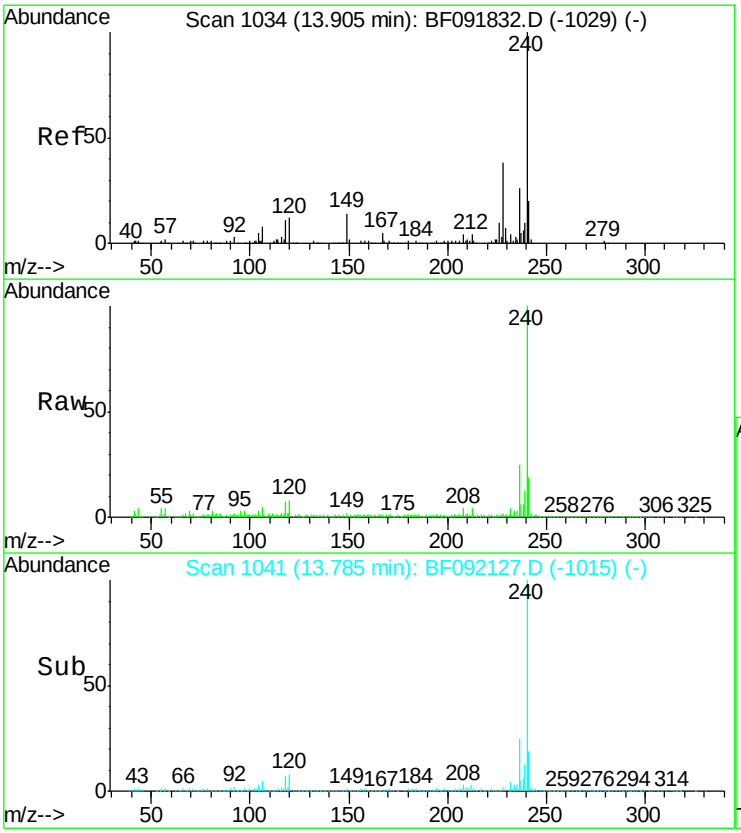
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Instrument :
BNA_F
ClientSampleId :
P3-SP1

Tgt Ion:149 Resp: 4716

Ion	Ratio	Lower	Upper
149	100		
150	16.8	8.1	12.1#
104	0.0	4.6	7.0#

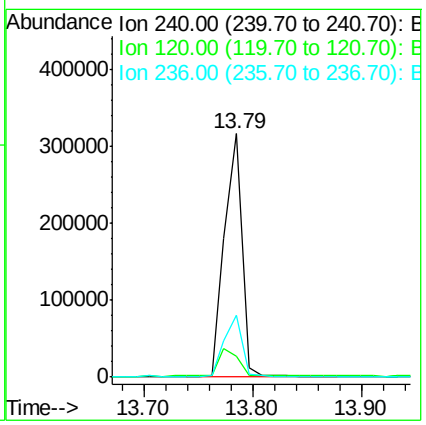


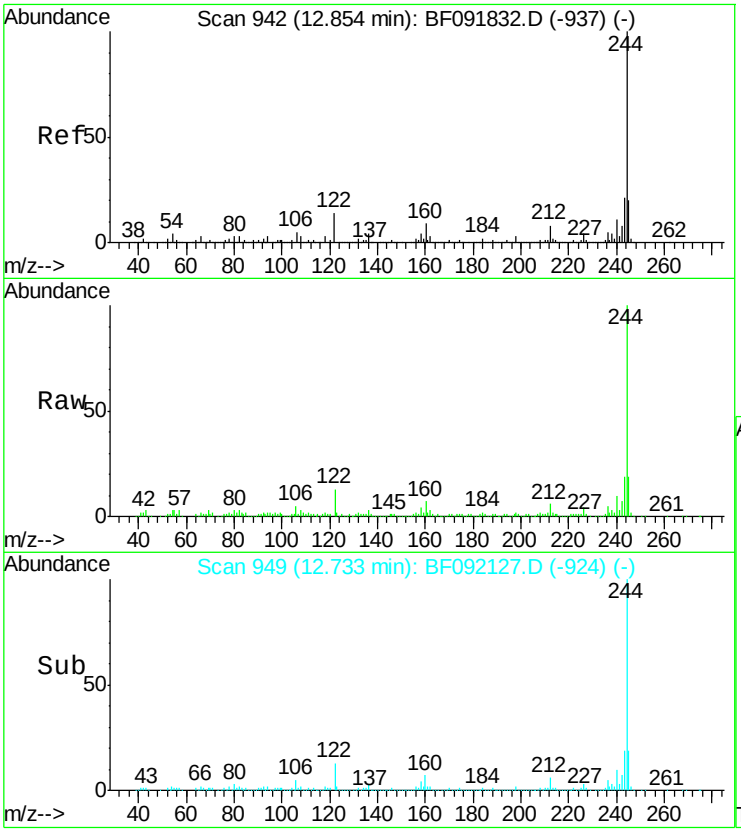


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Tgt Ion:240 Resp: 353047

Ion	Ratio	Lower	Upper
240	100		
120	8.3	12.9	19.3#
236	25.4	20.9	31.3



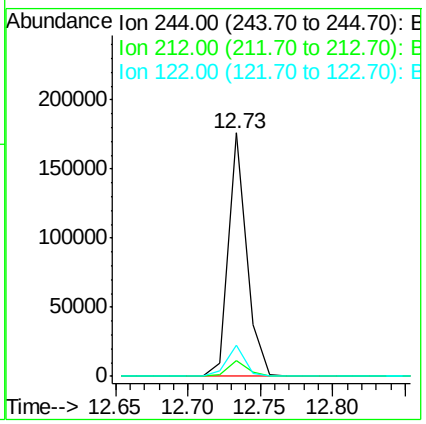


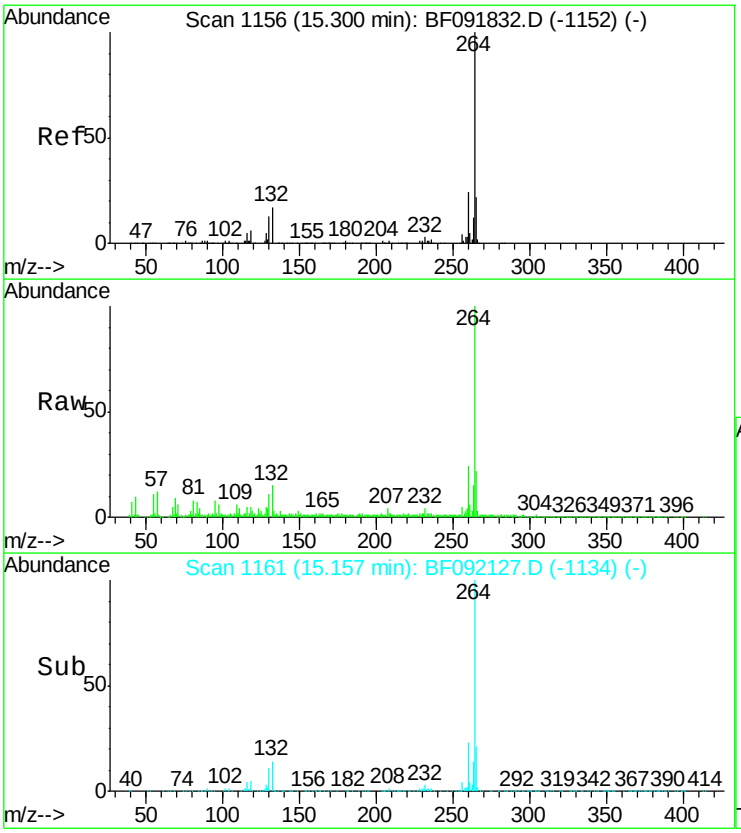
#78
Terphenyl-d14
Concen: 10.61 ng
RT: 12.73 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Instrument :
BNA_F
ClientSampleId :
P3-SP1

Tgt Ion:244 Resp: 154458

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.2	9.2
122	12.7	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF092127.D
Acq: 6 Jan 2017 19:59

Tgt Ion:264 Resp: 298116

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.4	26.0