Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
Data File : BF092809.D
Acq On : 6 Feb 2017 21:27
Operator : SJ/MA
Sample : I1706-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-SCW-COMP-02

Quant Time: Feb 07 01:12:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	143031	20.00	ng		-0.06
21) Naphthalene-d8	8.19	136	554468	20.00	ng		-0.07
38) Acenaphthene-d10	9.95	164	319788	20.00	ng		-0.06
63) Phenanthrene-d10	11.44	188	610677	20.00	ng		-0.06
75) Chrysene-d12	14.08	240	491557	20.00	ng		-0.07
86) Perylene-d12	15.53	264	388867	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	419343	50.30	ng		-0.06
7) Phenol-d6	6.56	99	1117548	104.18	ng		-0.05
23) Nitrobenzene-d5	7.47	82	749407	75.27	ng		-0.07
41) 2,4,6-Tribromophenol	10.74	330	110729	47.87	ng		-0.07
44) 2-Fluorobiphenyl	9.28	172	1310927	74.27	ng		-0.06
78) Terphenyl-d14	13.03	244	1215795	58.12	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	97913	14.34	ng	#	84
25) Isophorone	7.47	82	749394	40.39	ng	#	65
31) Naphthalene	8.21	128	151261	5.38	ng		99
32) Benzoic acid	7.98	122	1925	7.50	ng	#	13
49) Dimethylphthalate	9.66	163	443241	20.58	ng		98
56) 2,4-Dinitrotoluene	9.95	165	43779	7.07	ng	#	20
70) Phenanthrene	11.46	178	105606	3.02	ng		97
74) Fluoranthene	12.65	202	73284	2.03	ng		97
77) Pyrene	12.88	202	88492	2.41	ng		96

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

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Misc :
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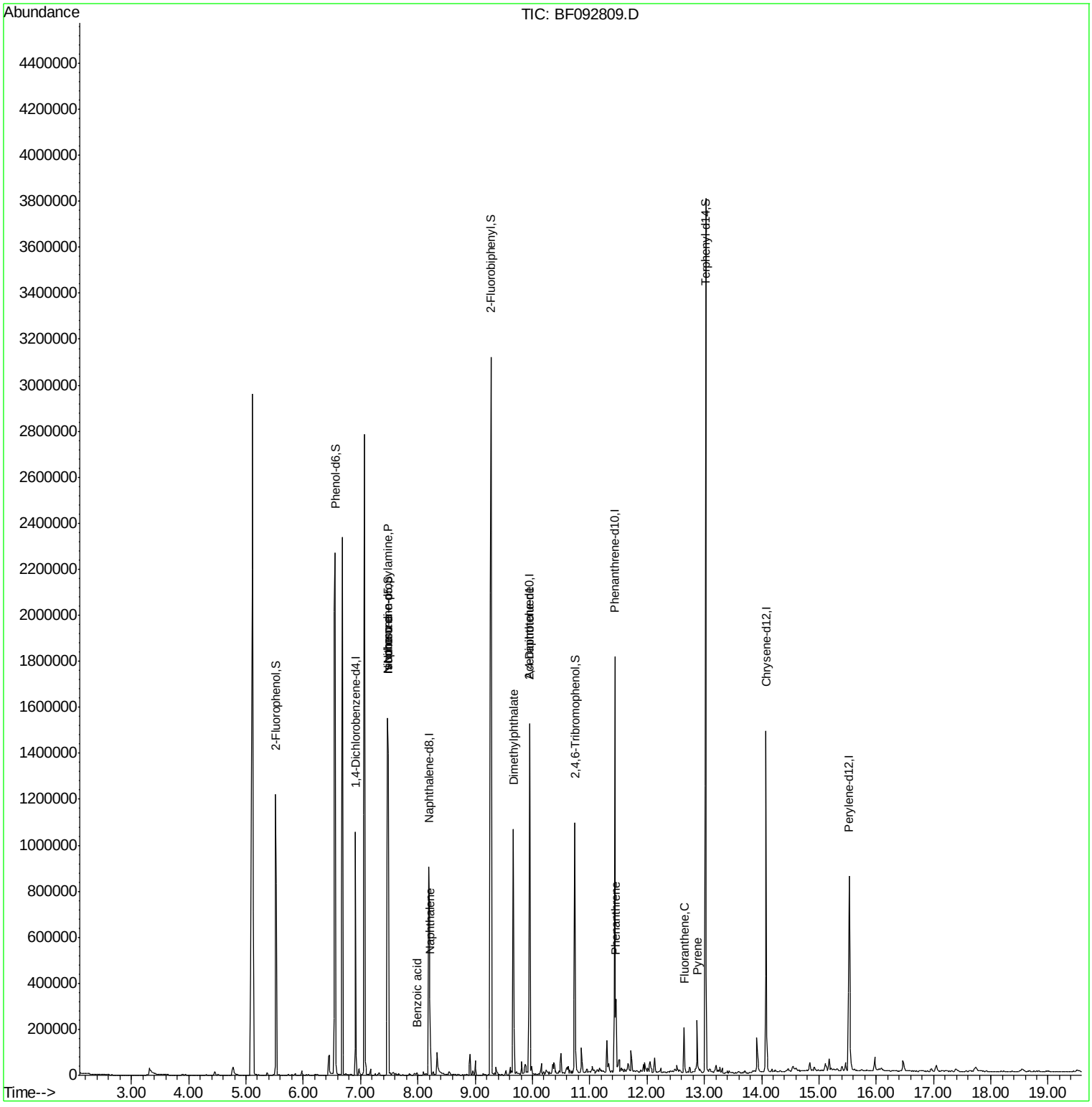
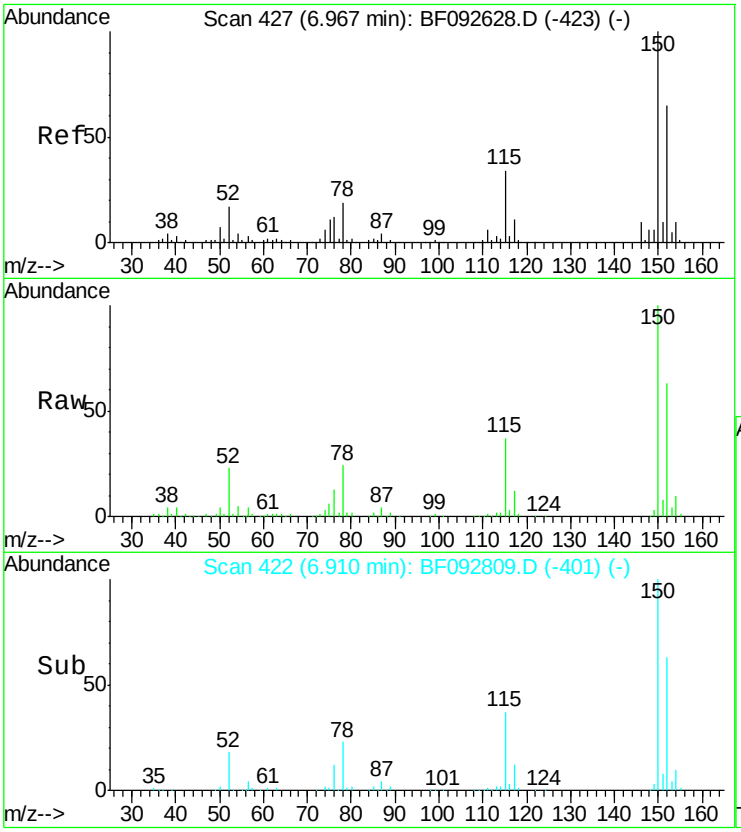


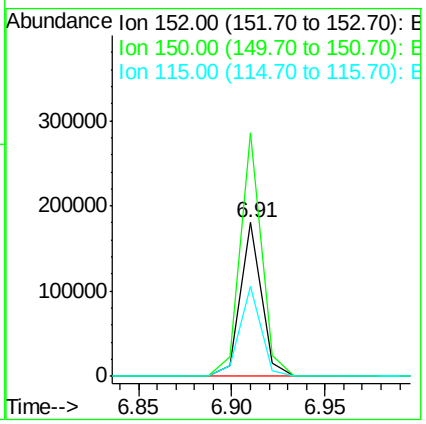


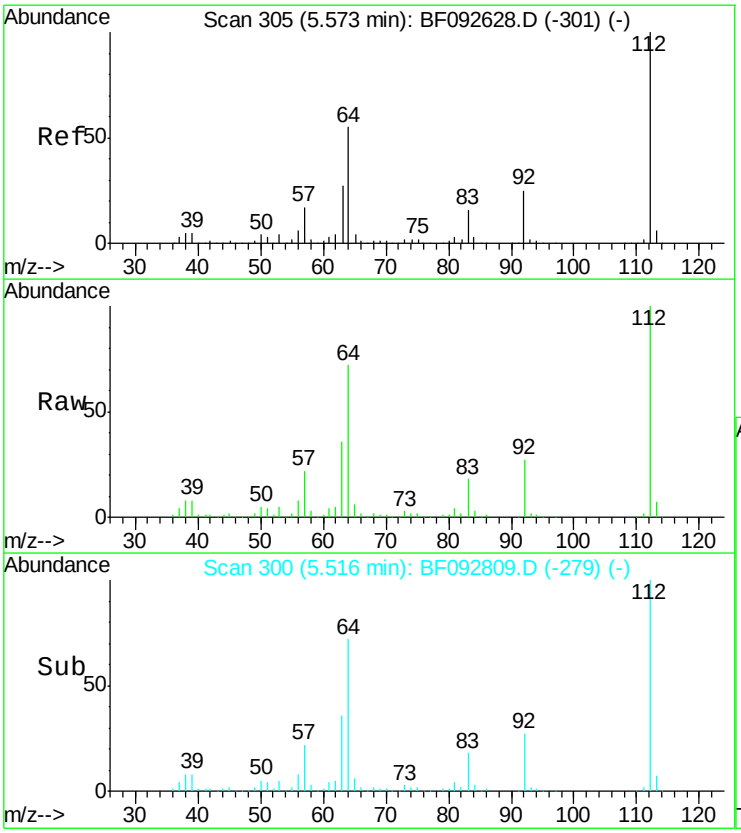
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tgt Ion:152 Resp: 143031

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.9	187.3
115	58.9	46.0	69.0

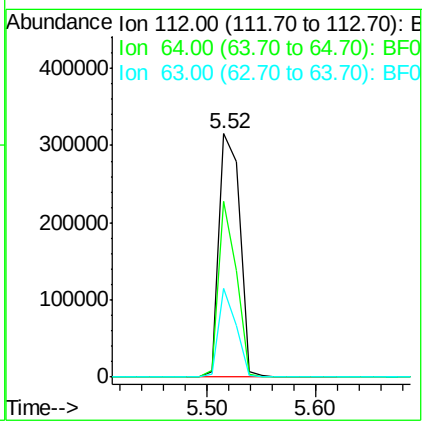


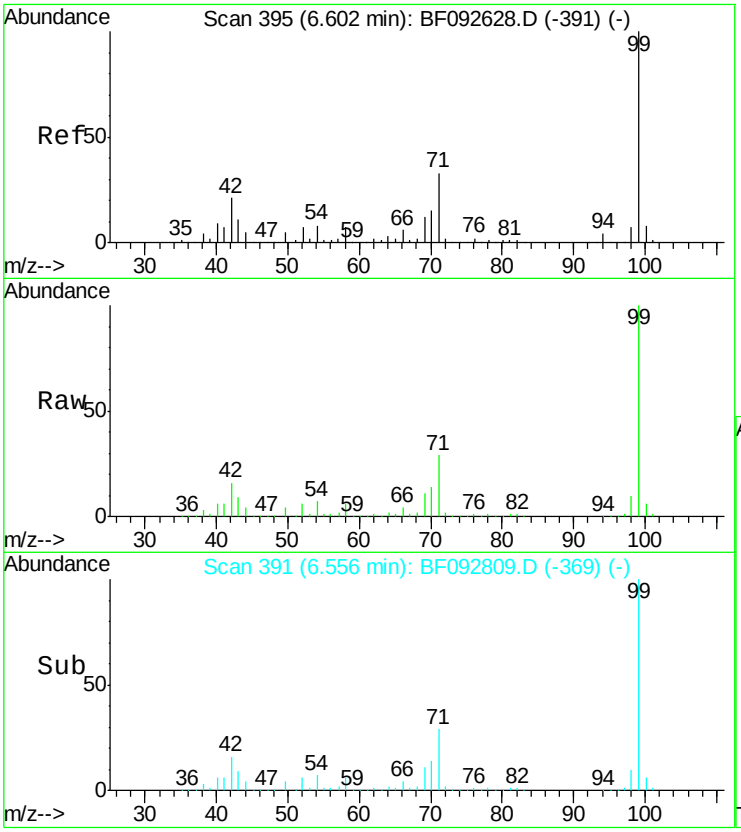


#5
2-Fluorophenol
Concen: 50.30 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.06 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Tgt Ion:112 Resp: 419343

Ion	Ratio	Lower	Upper
112	100		
64	72.3	46.1	69.1#
63	36.3	23.8	35.6#



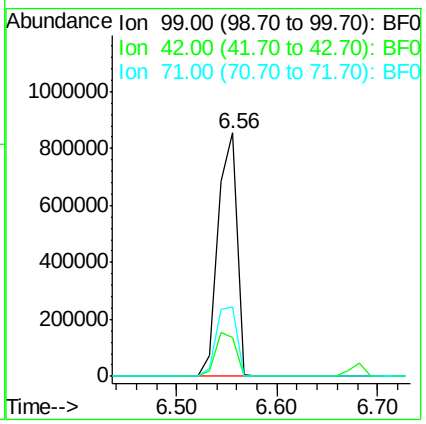


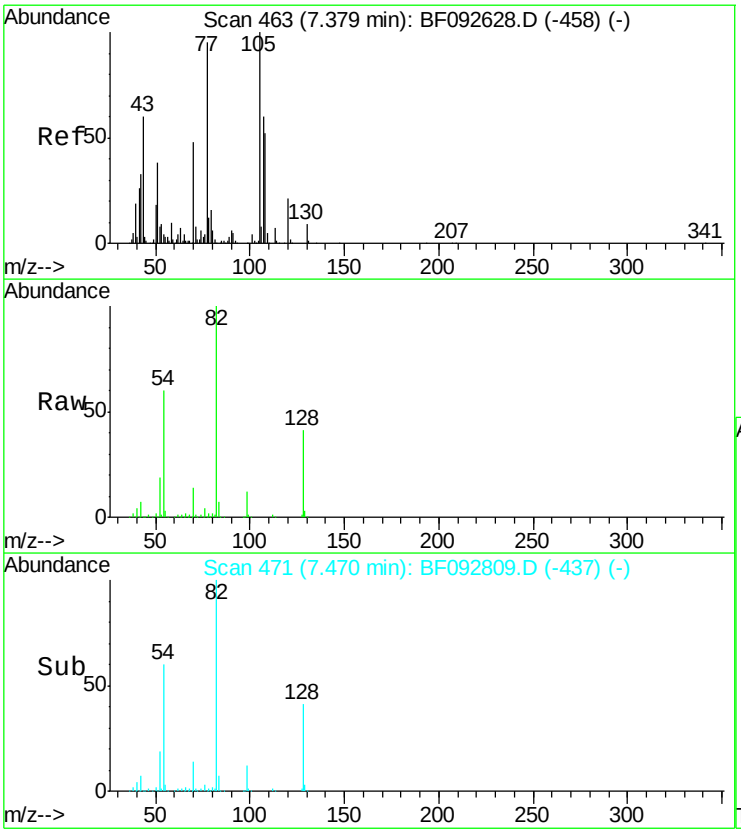
#7
Phenol-d6
Concen: 104.18 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.05 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tgt Ion: 99 Resp: 1117548

Ion	Ratio	Lower	Upper
99	100		
42	15.9	15.6	23.4
71	28.6	27.5	41.3

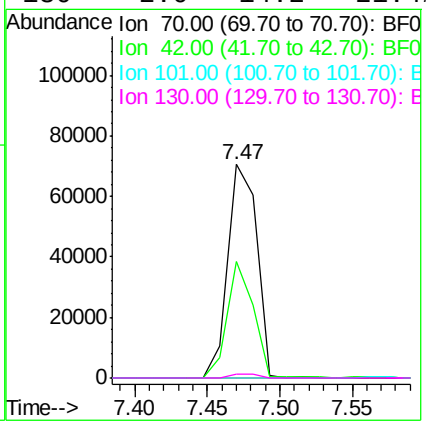


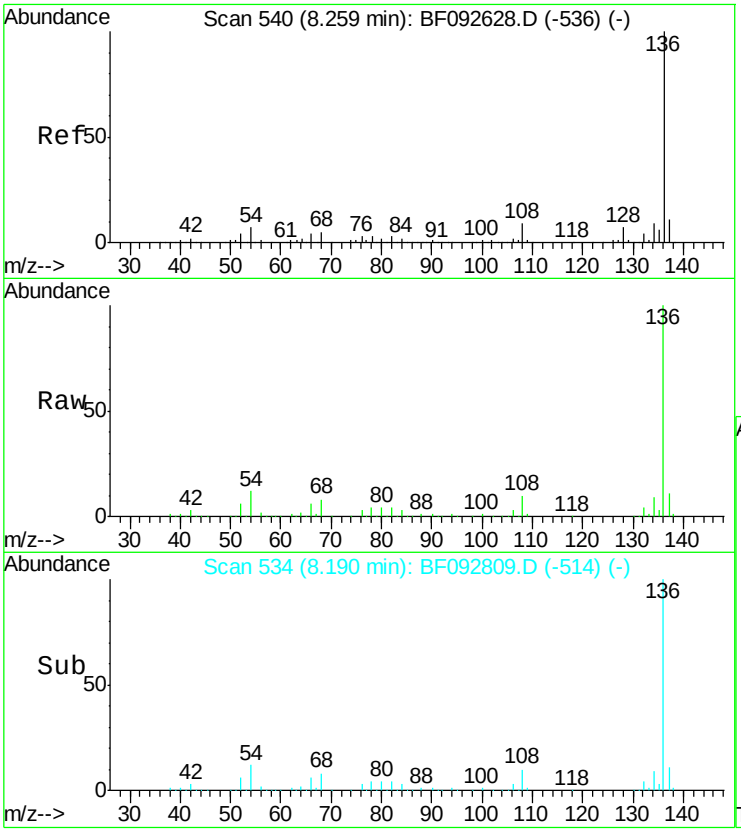


#19
n-Nitroso-di-n-propylamine
Concen: 14.34 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.09 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Tgt Ion: 70 Resp: 97913

Ion	Ratio	Lower	Upper
70	100		
42	54.6	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



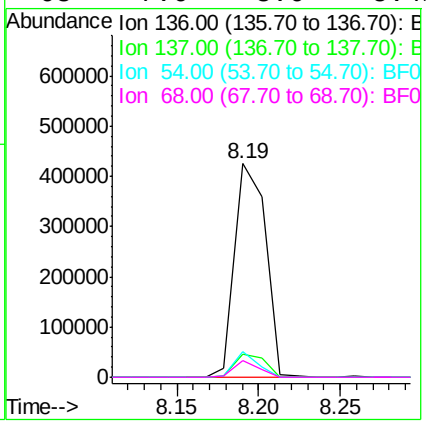


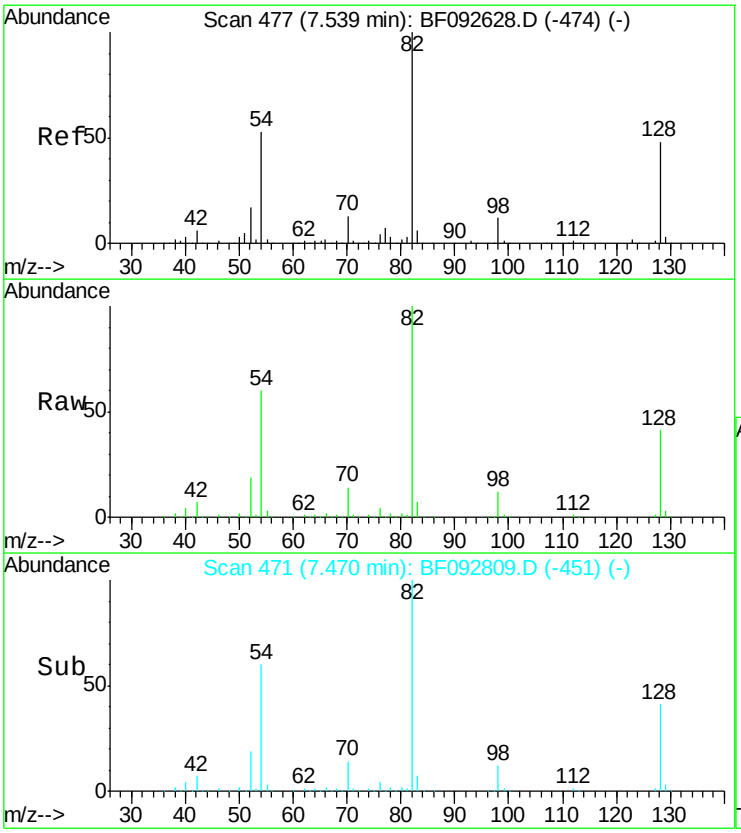
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tgt Ion:136 Resp: 554468

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	12.1	4.5	6.7#
68	7.6	3.6	5.4#

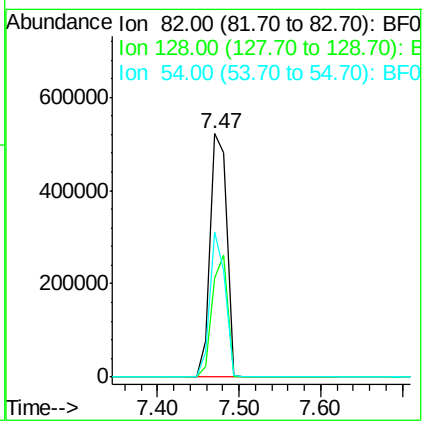


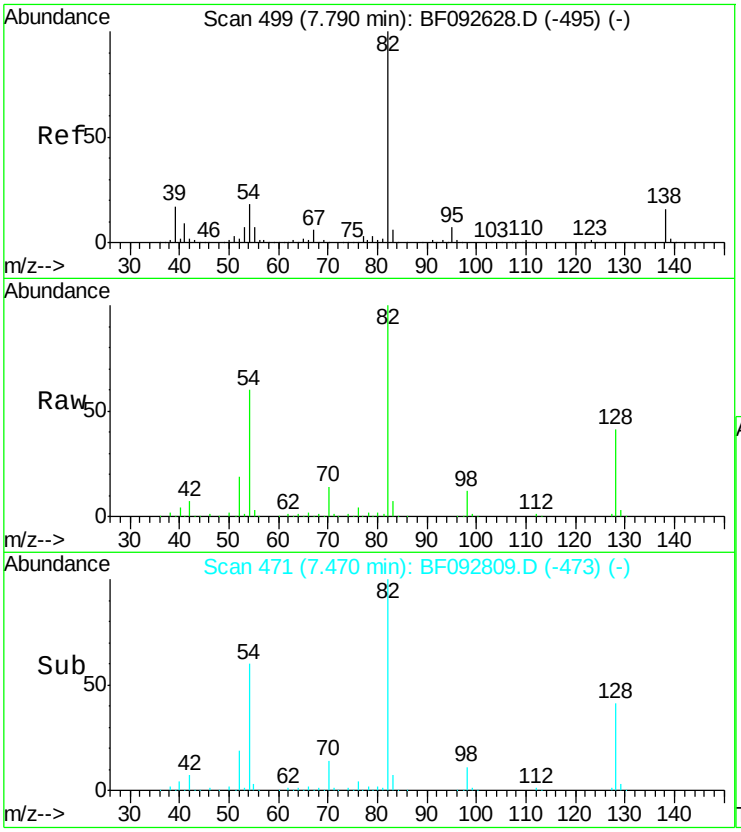


#23
Nitrobenzene-d5
Concen: 75.27 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.07 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Tgt Ion: 82 Resp: 749407

Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	52.0
54	59.8	39.5	59.3#



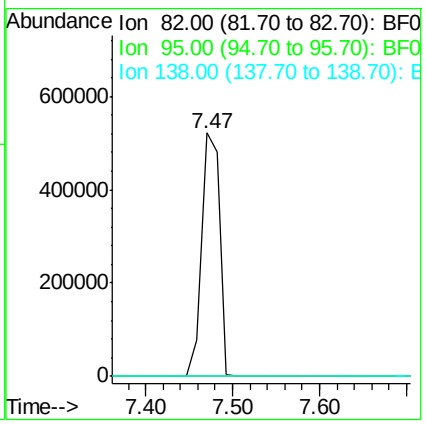


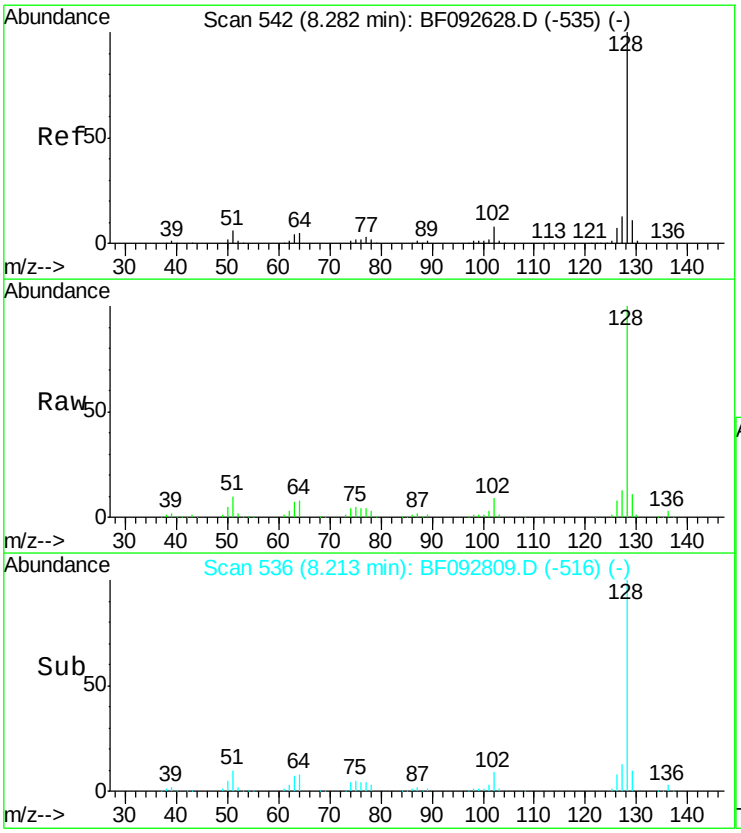
#25
Isophorone
Concen: 40.39 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.32 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tgt Ion: 82 Resp: 749394

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

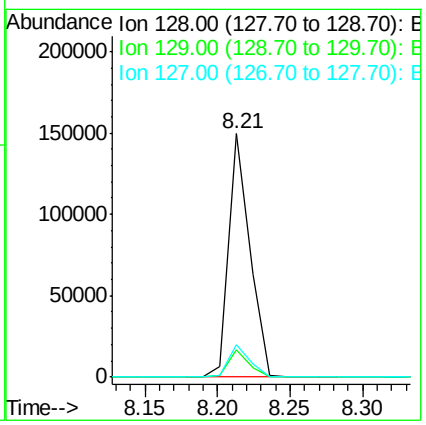


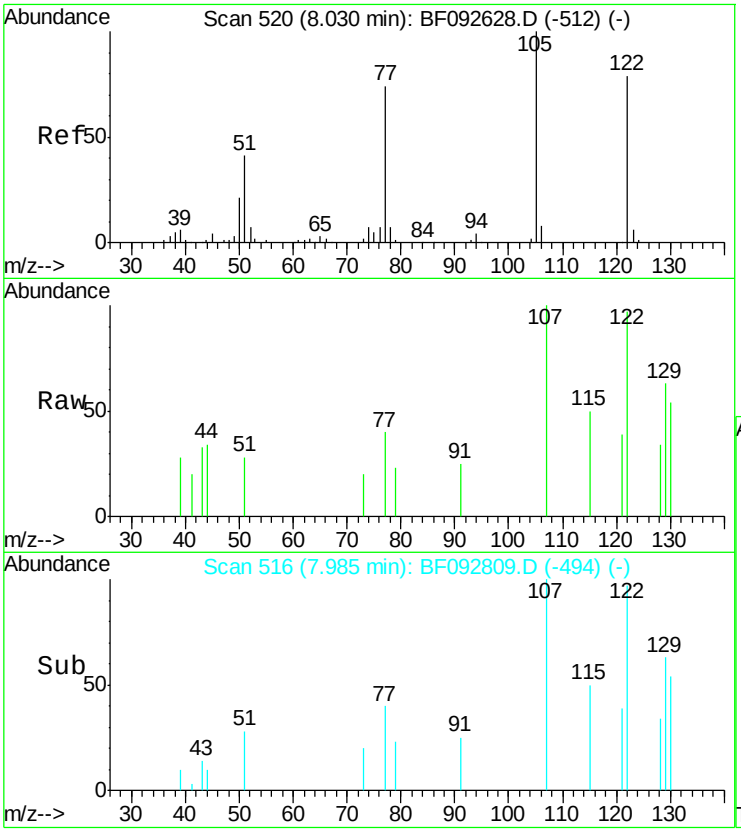


#31
Naphthalene
Concen: 5.38 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.07 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Tgt Ion:128 Resp: 151261

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.2	10.8	16.2



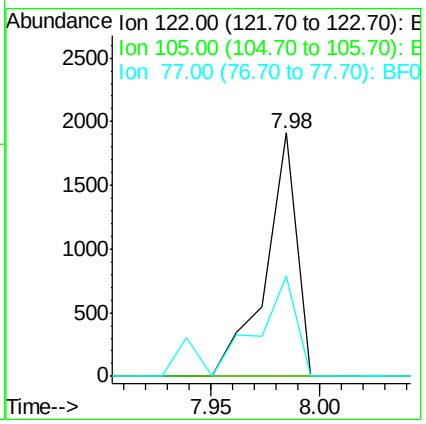


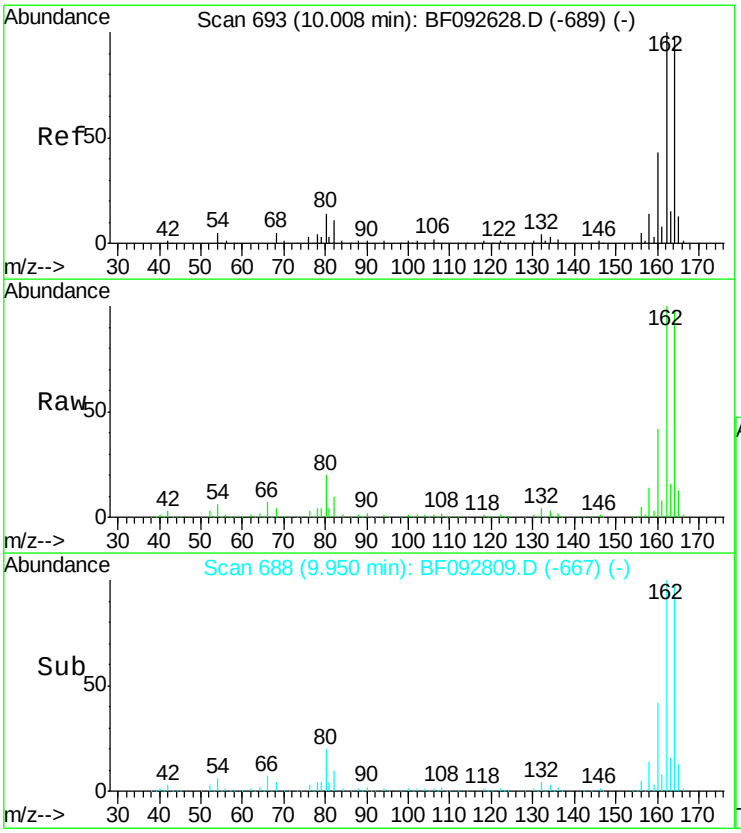
#32
Benzoic acid
Concen: 7.50 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tgt Ion:122 Resp: 1925

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	41.0	74.5	114.5#

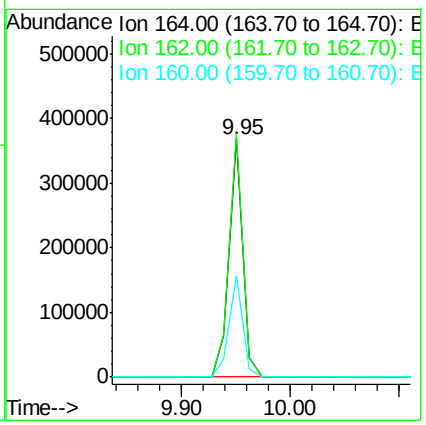


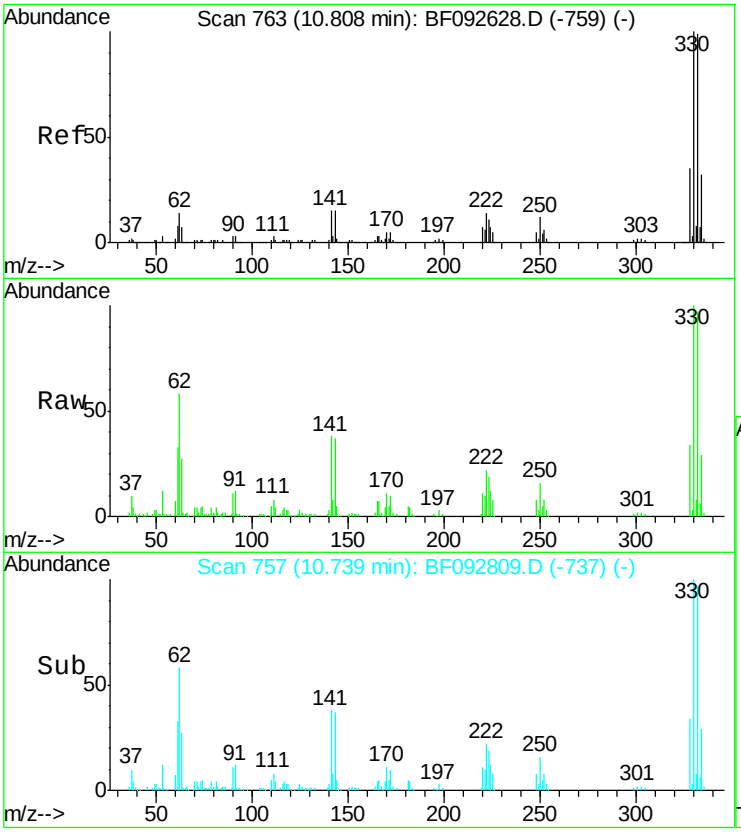


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Tgt Ion:164 Resp: 319788

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	42.6	36.9	55.3



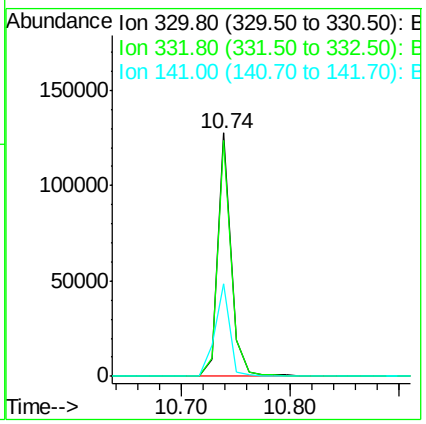


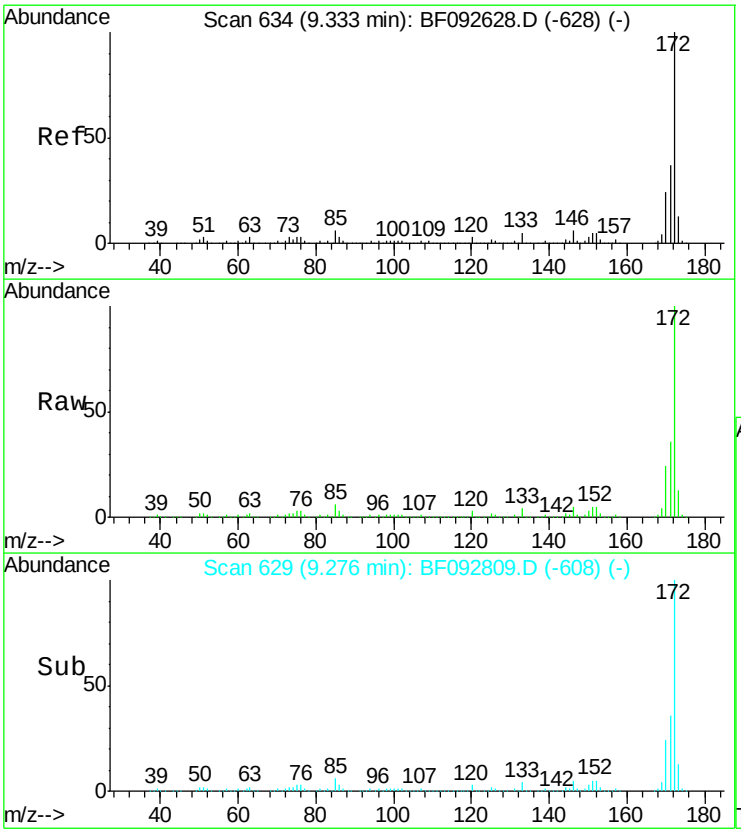
#41
2,4,6-Tribromophenol
Concen: 47.87 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.07 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tgt Ion:330 Resp: 110729

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	42.8	34.1	51.1

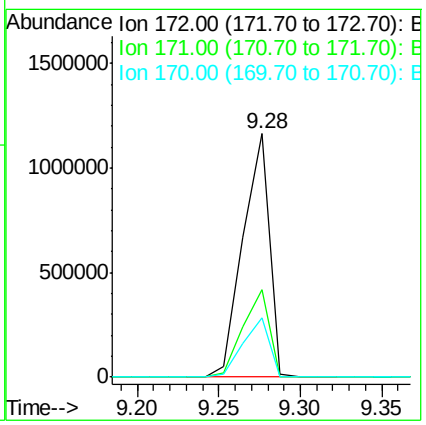


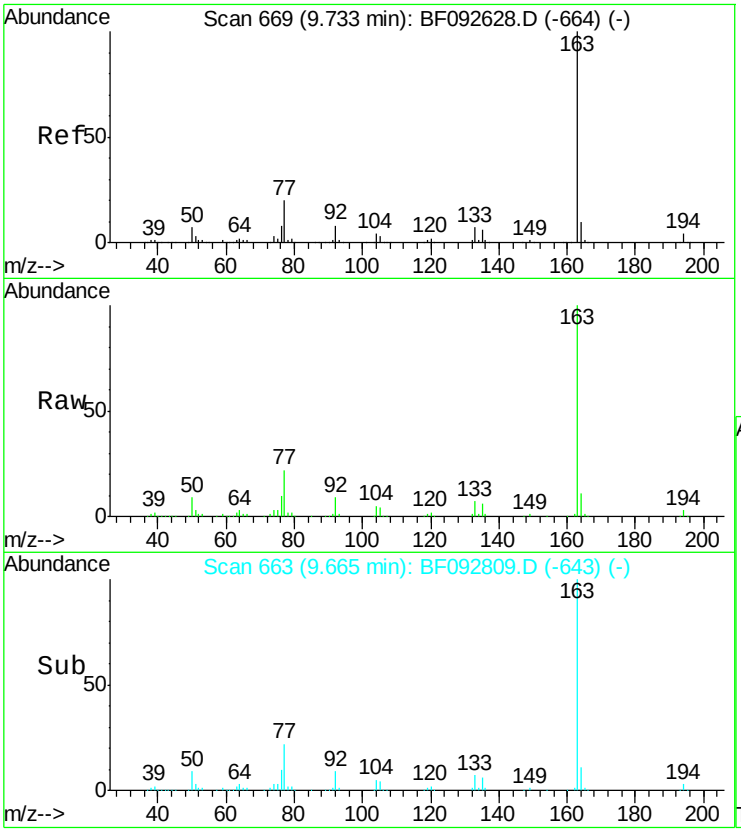


#44
2-Fluorobiphenyl
Concen: 74.27 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.06 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Tgt Ion:172 Resp: 1310927

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.1	20.2	30.4



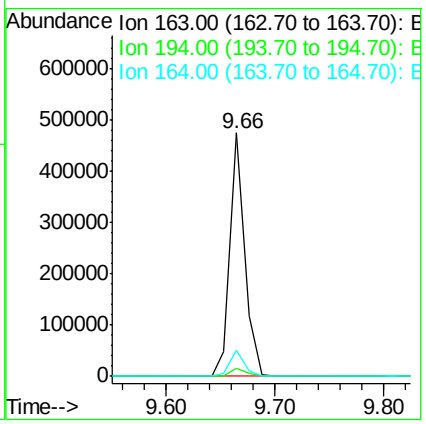


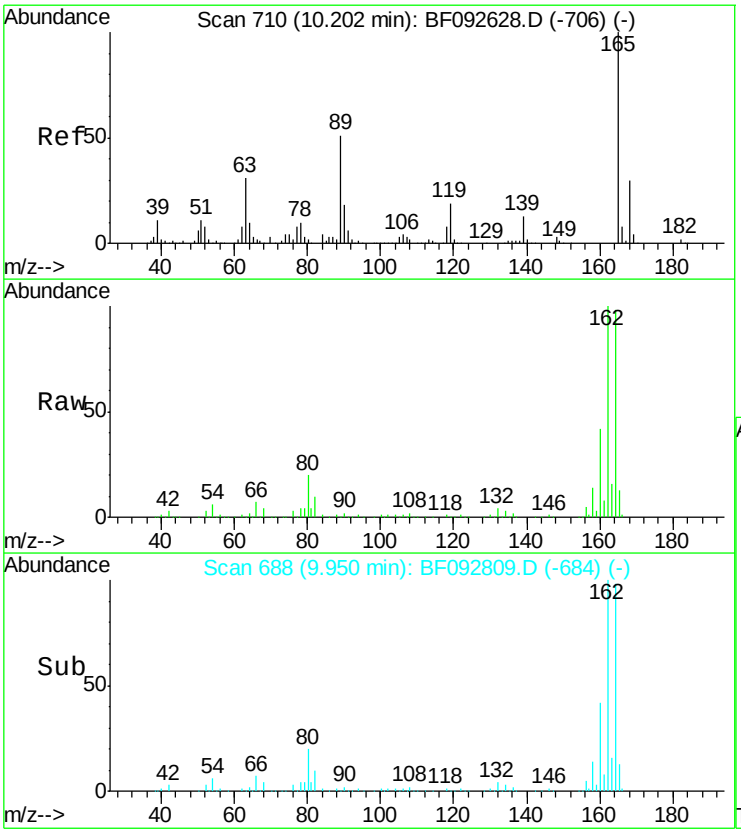
#49
Dimethylphthalate
Concen: 20.58 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tgt Ion:163 Resp: 443241

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.6	8.0	12.0

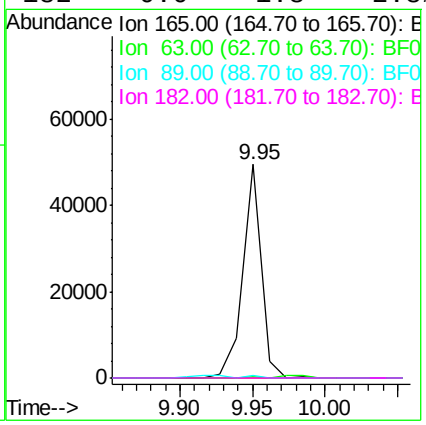


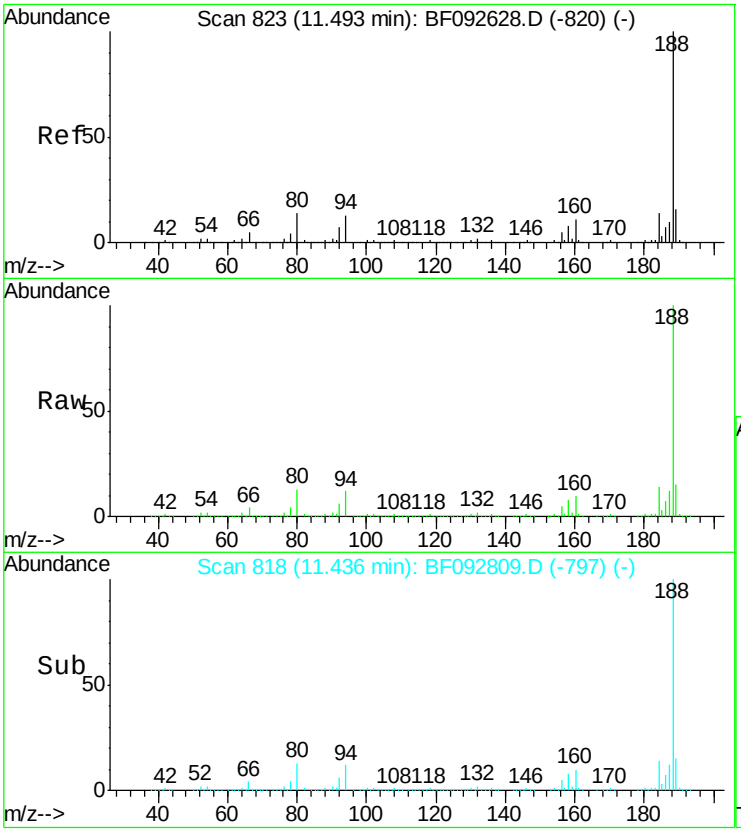


#56
2,4-Dinitrotoluene
Concen: 7.07 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.25 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Tgt Ion:165 Resp: 43779

Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#



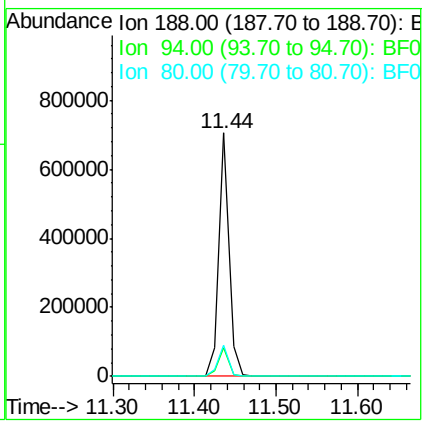


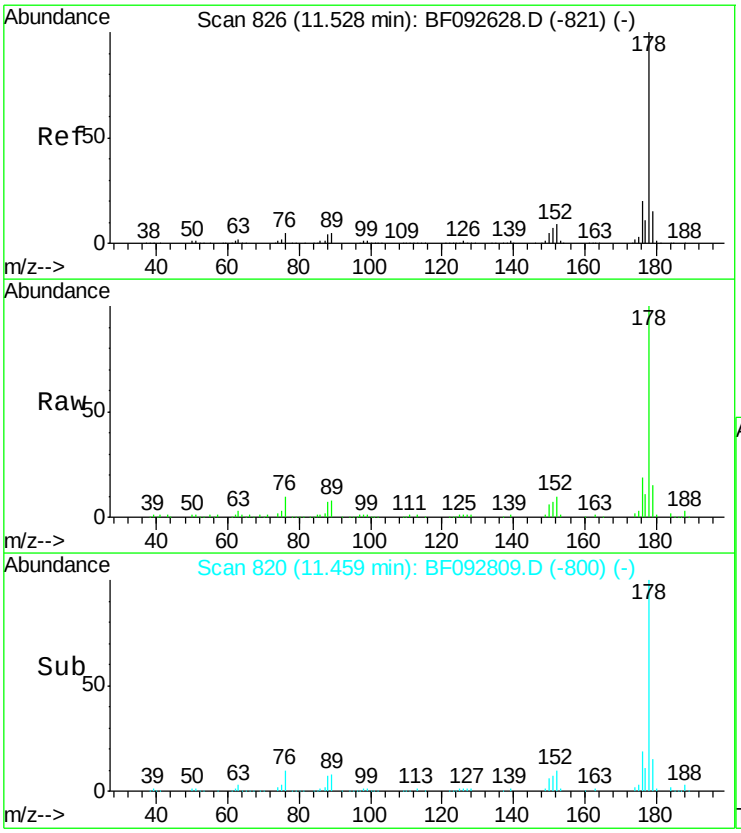
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.06 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tgt Ion:188 Resp: 610677

Ion	Ratio	Lower	Upper
188	100		
94	11.9	10.0	15.0
80	12.8	11.2	16.8

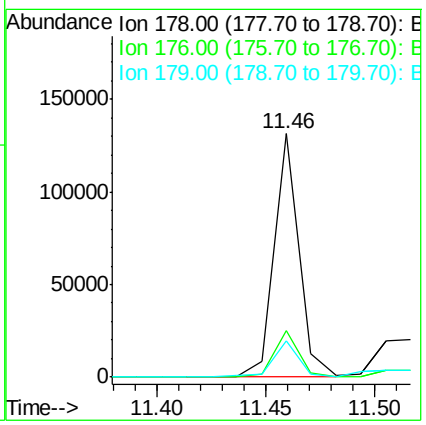


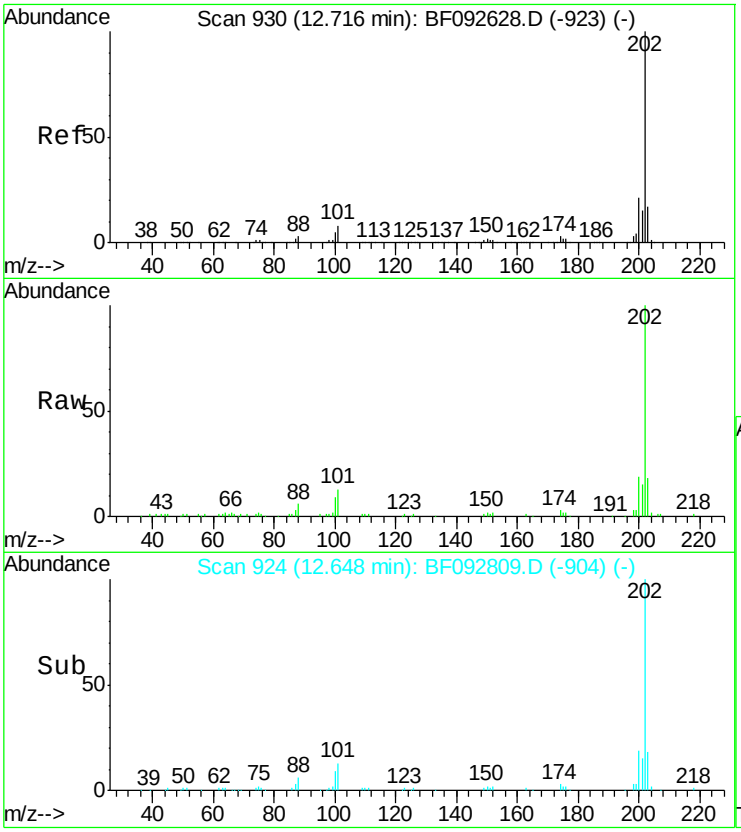


#70
Phenanthrene
Concen: 3.02 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.07 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Tgt Ion:178 Resp: 105606

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.6	25.0
179	14.8	12.8	19.2



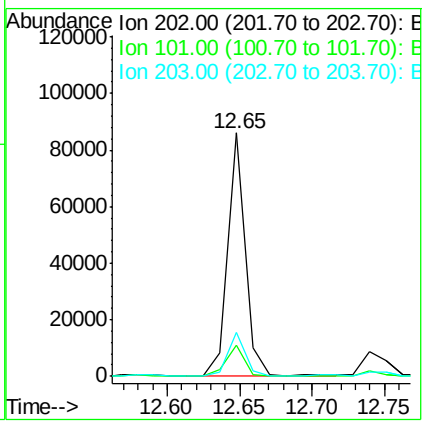


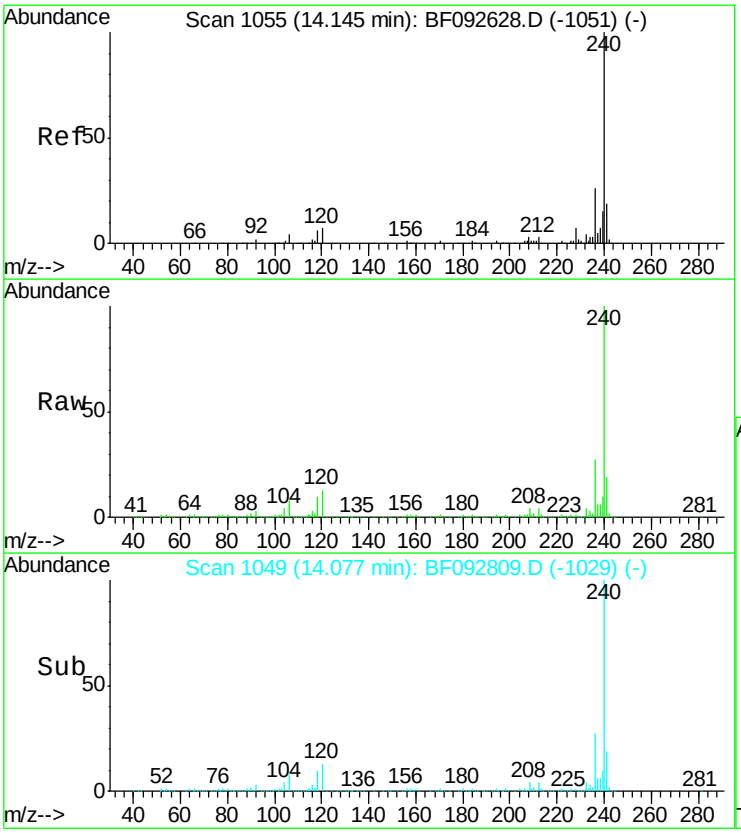
#74
Fluoranthene
Concen: 2.03 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.07 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tgt Ion:202 Resp: 73284

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.6
203	17.9	0.0	38.7

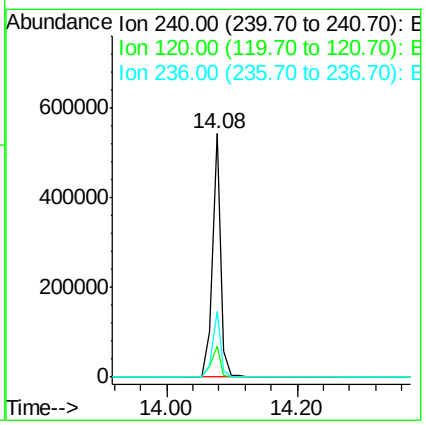


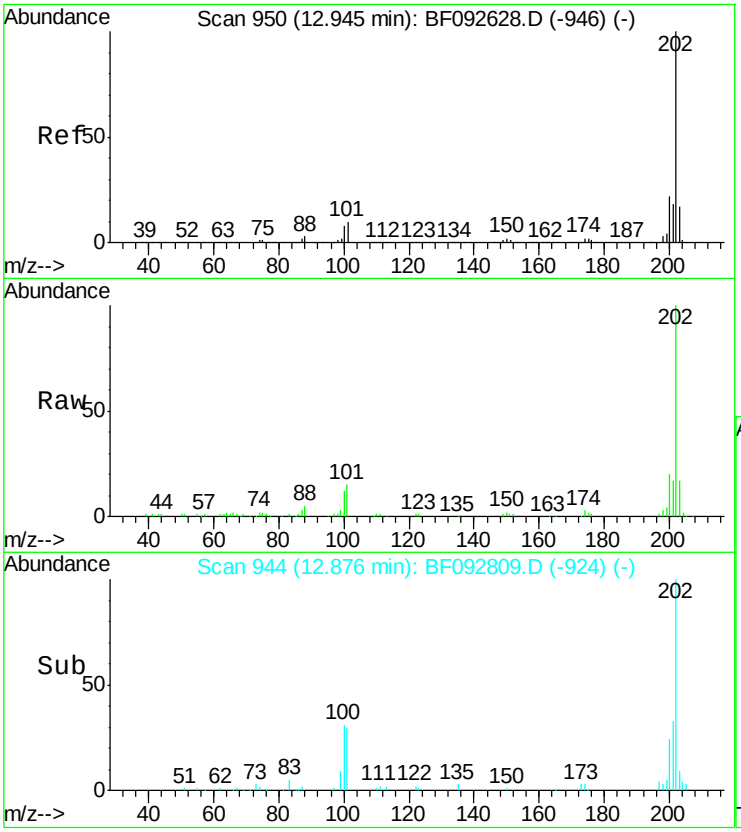


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.07 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Tgt Ion:240 Resp: 491557

Ion	Ratio	Lower	Upper
240	100		
120	12.6	12.9	19.3#
236	26.8	20.9	31.3



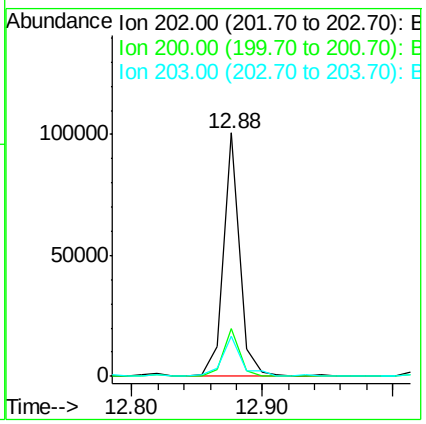


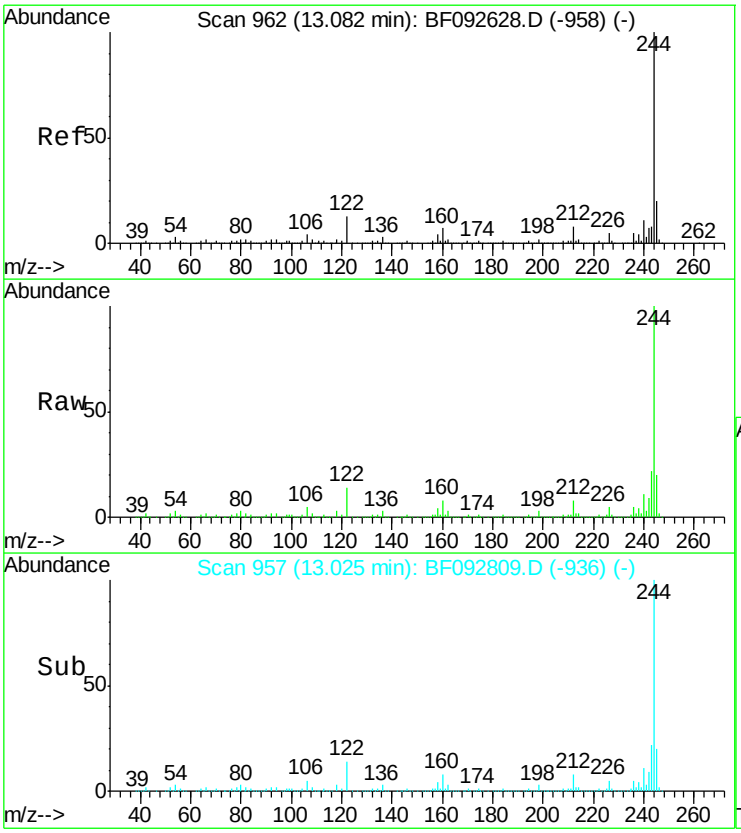
#77
Pyrene
Concen: 2.41 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.07 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tgt Ion:202 Resp: 88492

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.7	26.5
203	16.7	14.7	22.1

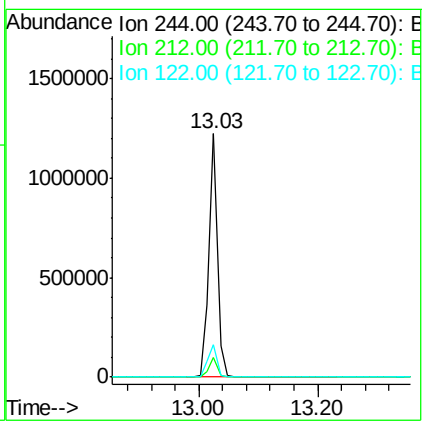


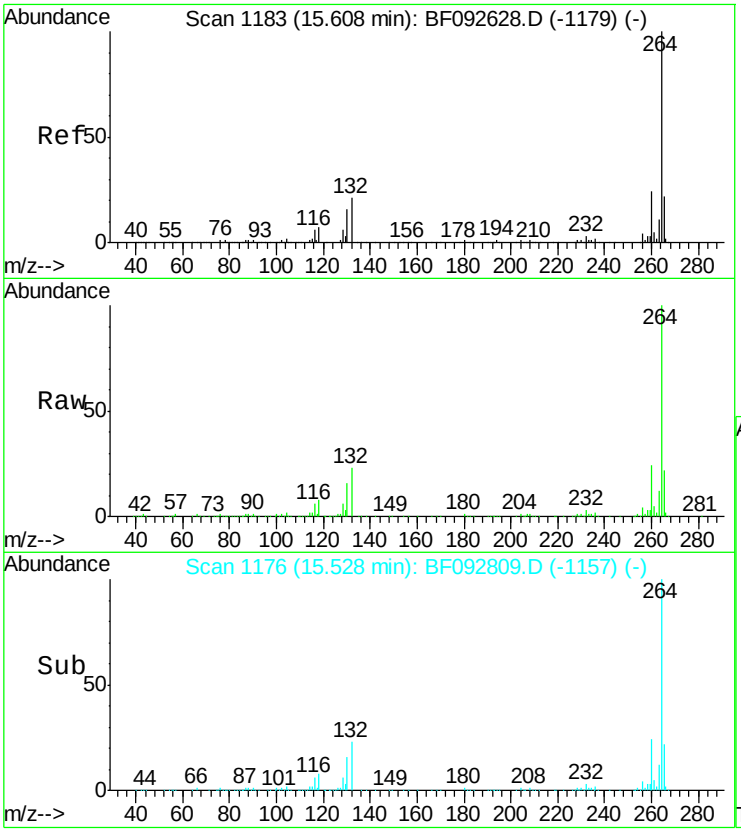


#78
Terphenyl-d14
Concen: 58.12 ng
RT: 13.03 min Scan# 957
Delta R.T. -0.06 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Tgt Ion:244 Resp: 1215795

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.6	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF092809.D
Acq: 6 Feb 2017 21:27

Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tgt Ion:264 Resp: 388867

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	17.4	26.0