Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
Data File : BF093001.D
Acq On : 17 Feb 2017 00:32
Operator : SJ/MA
Sample : I1868-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-AB-COMP

Quant Time: Feb 17 03:48:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 23:55:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121648	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	479849	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	210158	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	250910	20.00	ng		0.01
75) Chrysene-d12	14.10	240	56797m	20.00	ng		0.08
86) Perylene-d12	15.54	264	118887	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	782691	110.38	ng		0.00
7) Phenol-d6	6.50	99	968298	106.13	ng		0.00
23) Nitrobenzene-d5	7.42	82	573497	66.56	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	146062	96.09	ng		0.01
44) 2-Fluorobiphenyl	9.22	172	886294	76.40	ng		0.00
78) Terphenyl-d14	13.01	244	238830	98.80	ng		0.05
Target Compounds							Qvalue
10) Phenol	6.51	94	32870	3.08	ng		86
22) Acetophenone	7.26	105	78461	7.16	ng	#	96
32) Benzoic acid	7.89	122	29643	13.19	ng		94
49) Dimethylphthalate	9.62	163	145445	10.27	ng	#	97

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

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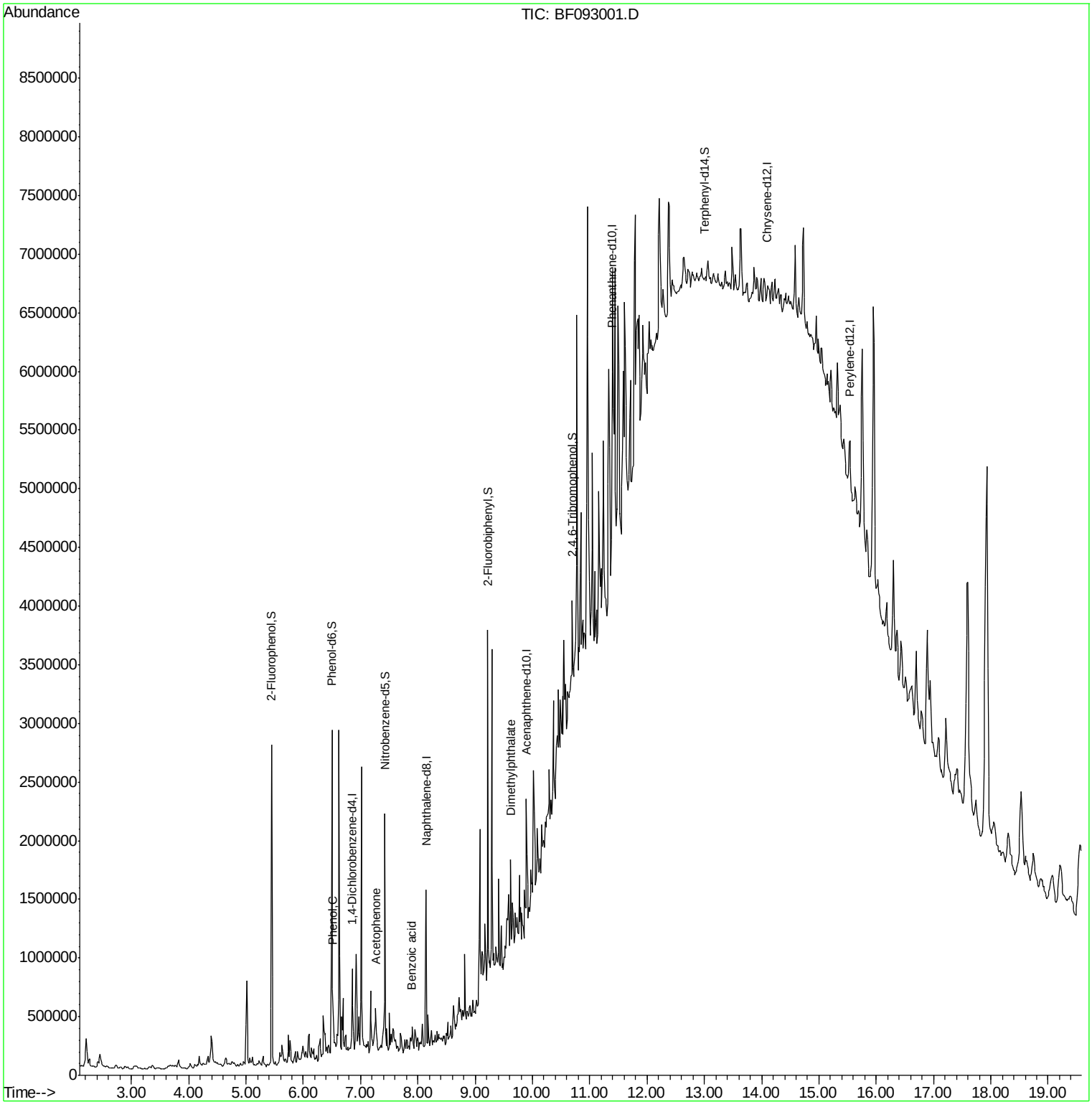
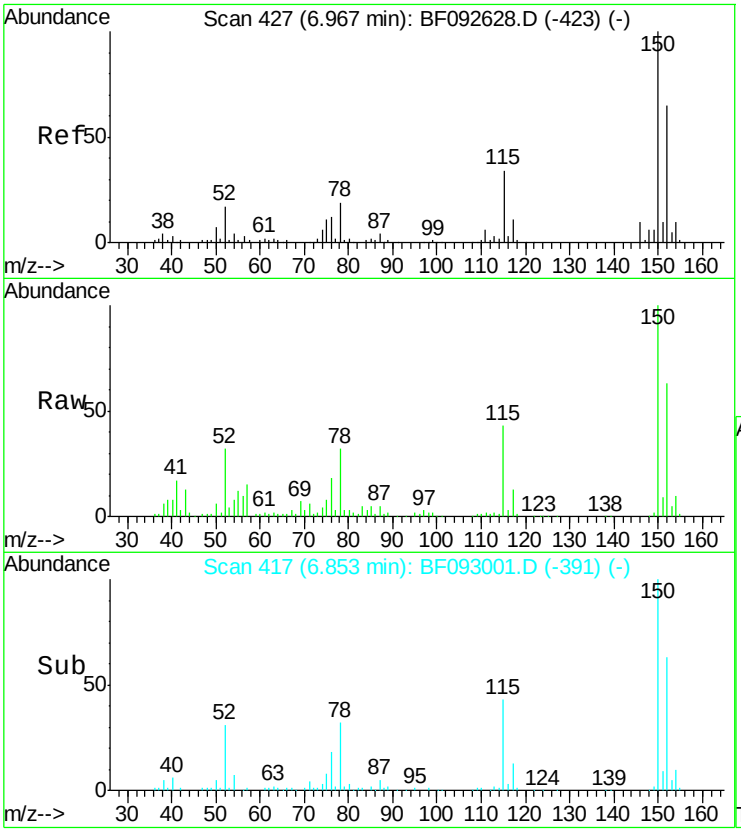


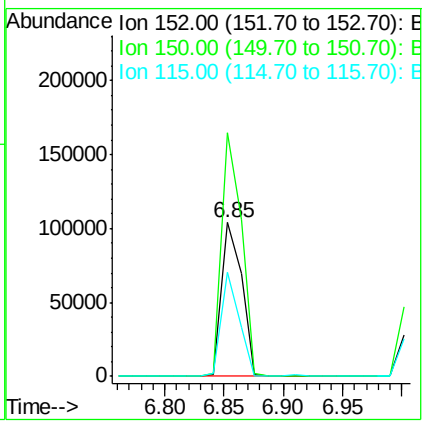


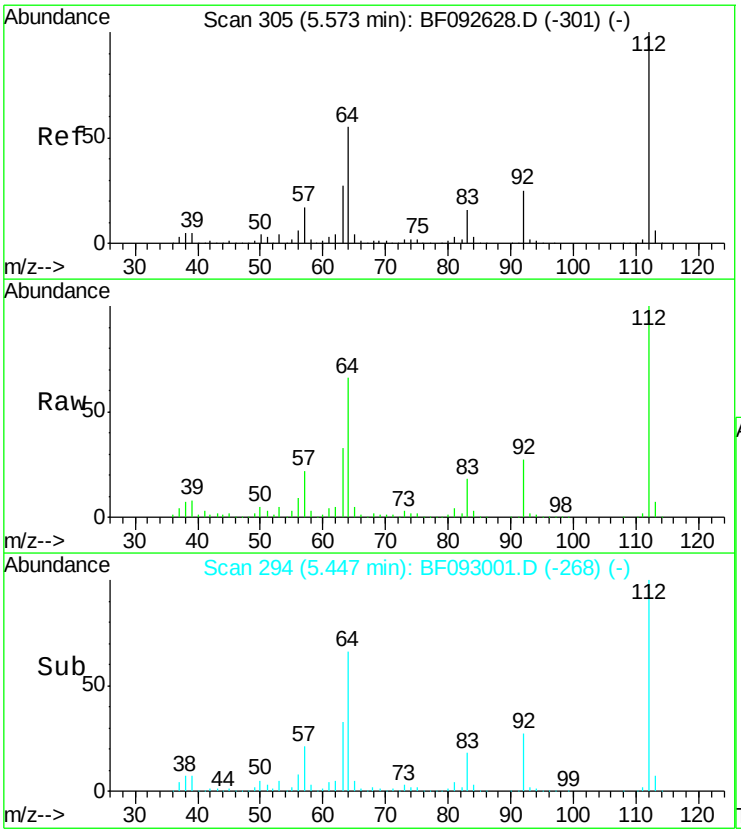
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMP

Tgt Ion:152 Resp: 121648

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.9	187.3
115	67.9	46.0	69.0

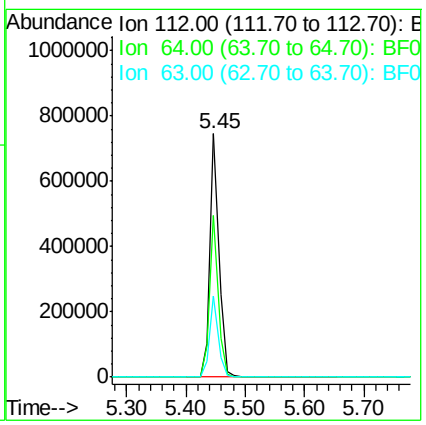


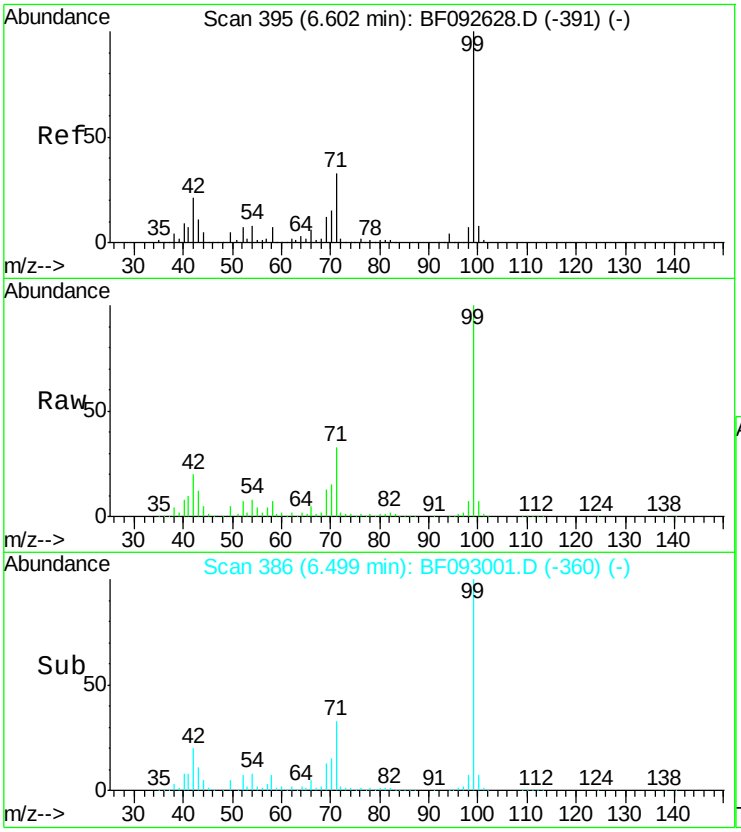


#5
2-Fluorophenol
Concen: 110.38 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Tgt Ion:112 Resp: 782691

Ion	Ratio	Lower	Upper
112	100		
64	66.3	46.1	69.1
63	33.2	23.8	35.6



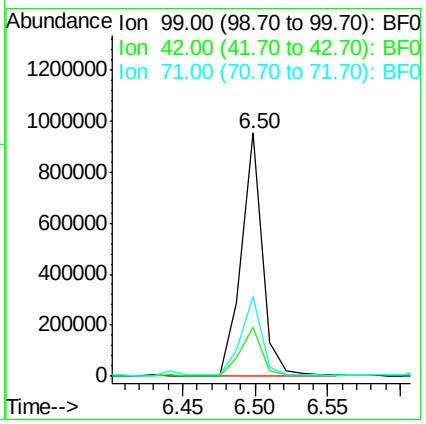


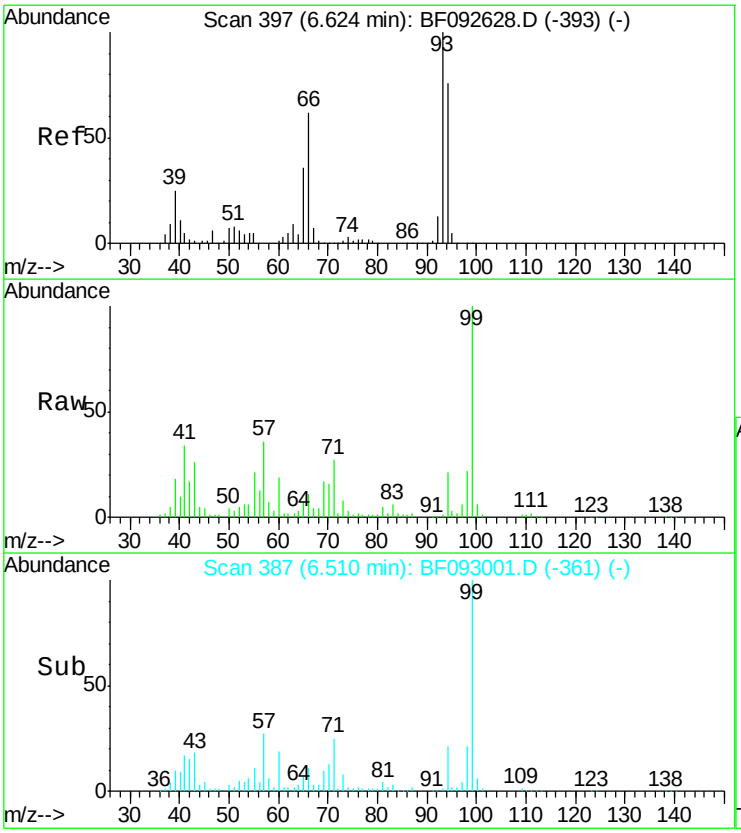
#7
Phenol-d6
Concen: 106.13 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMP

Tgt Ion: 99 Resp: 968298

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	33.0	27.5	41.3

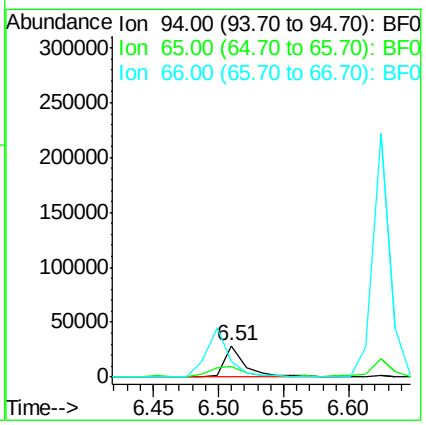


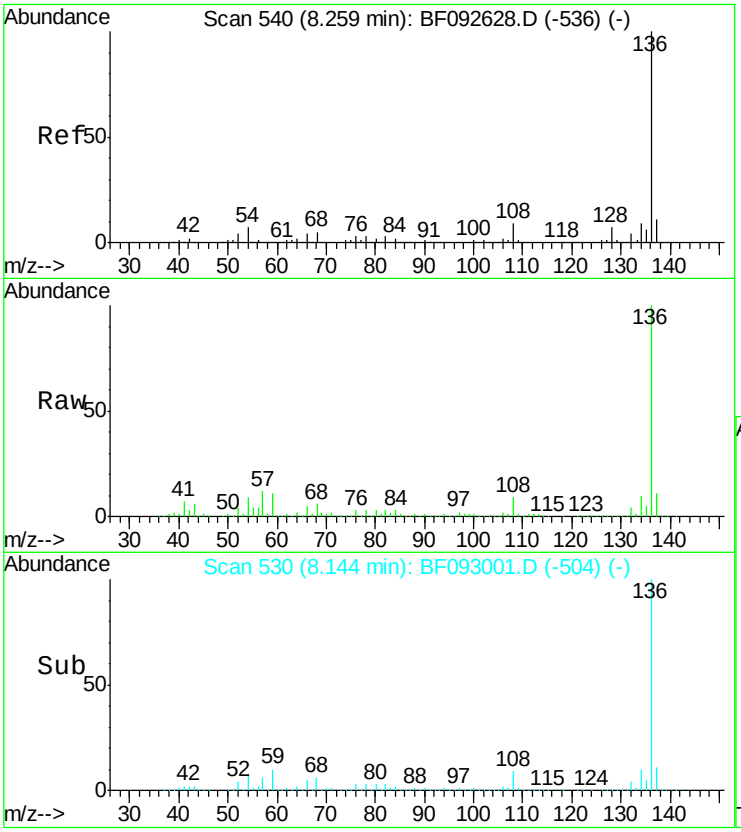


#10
Phenol
Concen: 3.08 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Tgt Ion: 94 Resp: 32870

Ion	Ratio	Lower	Upper
94	100		
65	33.3	21.4	61.4
66	52.2	44.0	84.0



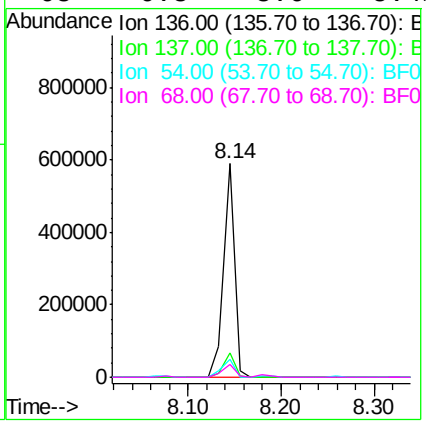


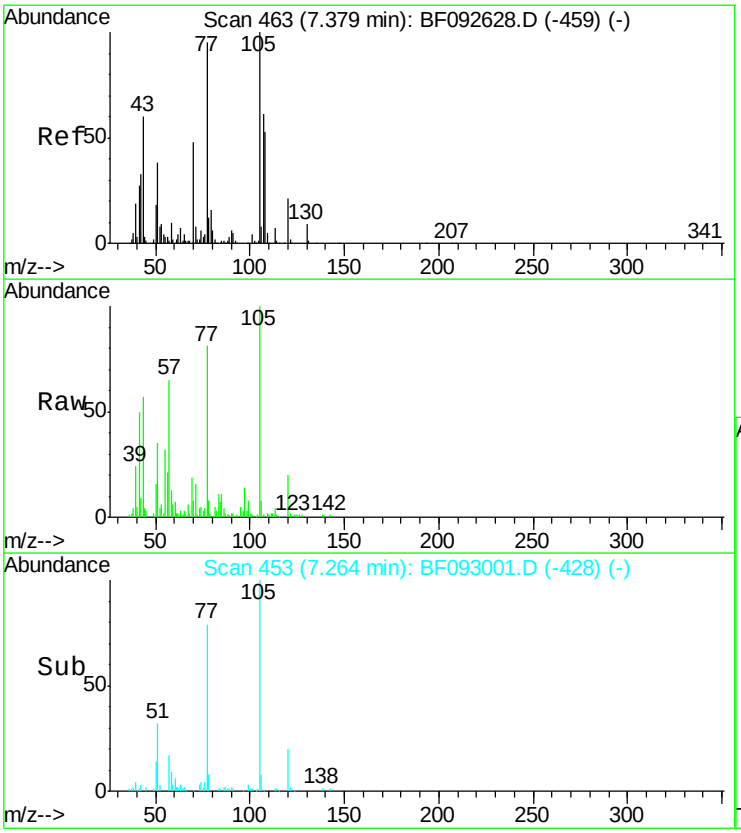
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMP

Tgt Ion:136 Resp: 479849

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.5	4.5	6.7#
68	6.3	3.6	5.4#

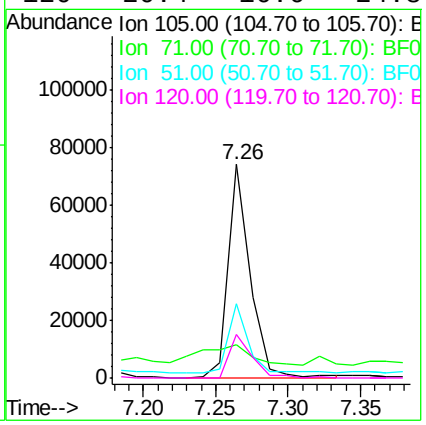


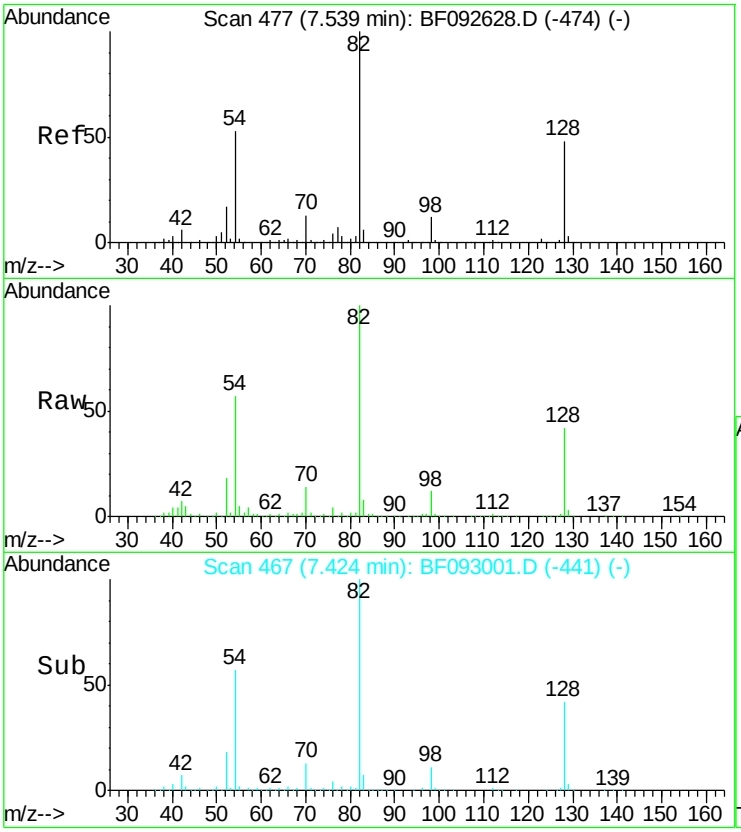


#22
Acetophenone
Concen: 7.16 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Tgt Ion:105 Resp: 78461

Ion	Ratio	Lower	Upper
105	100		
71	15.5	3.2	4.8#
51	34.6	26.2	39.4
120	20.4	16.6	24.8



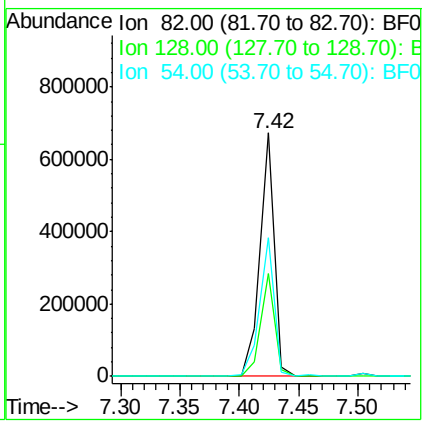


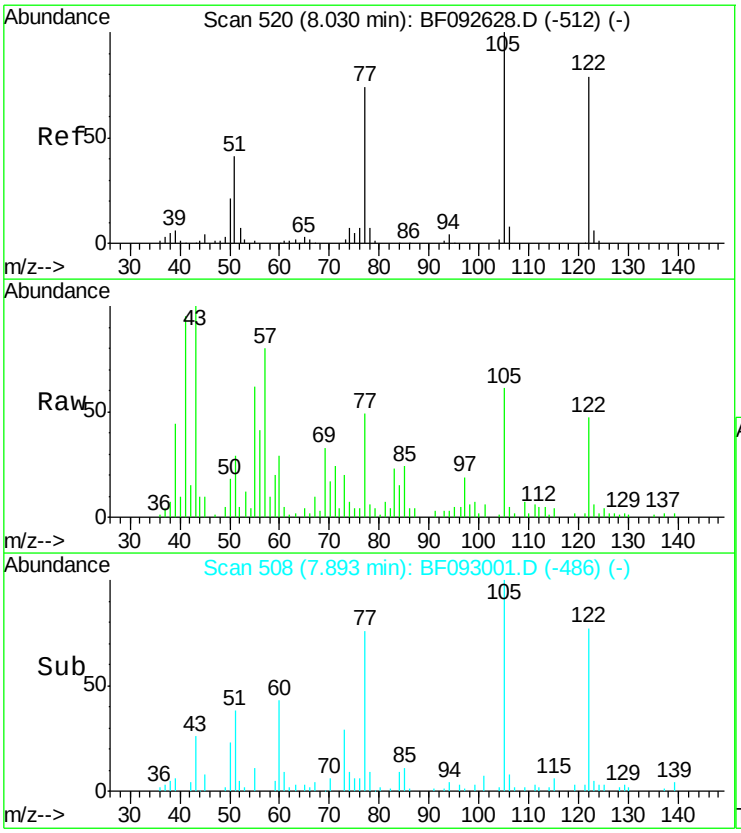
#23
Nitrobenzene-d5
Concen: 66.56 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMP

Tgt Ion: 82 Resp: 573497

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	57.0	39.5	59.3

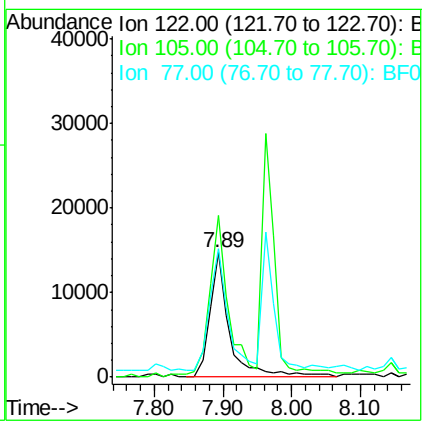


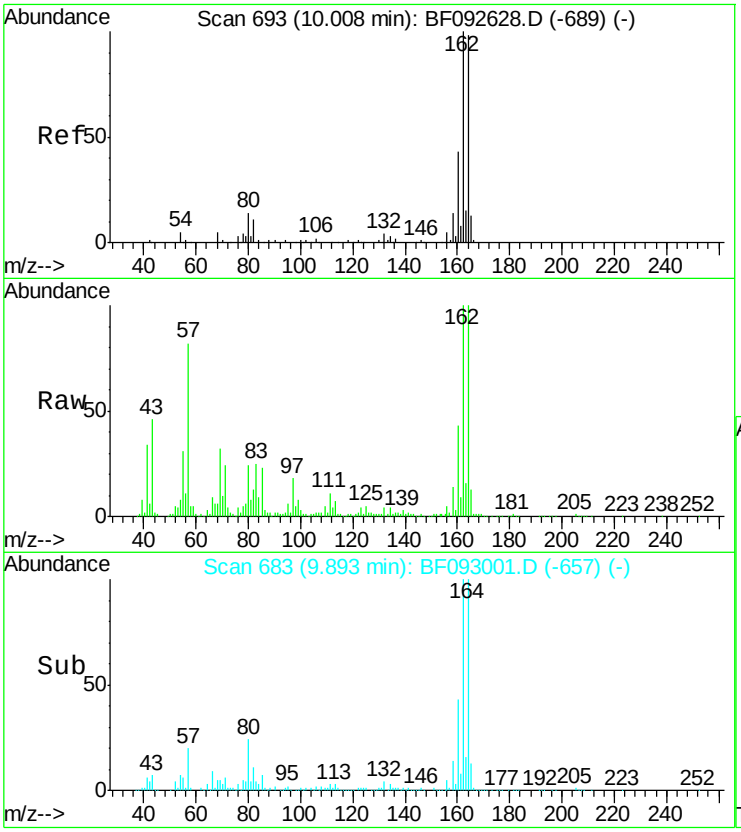


#32
Benzoic acid
Concen: 13.19 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.05 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Tgt Ion:122 Resp: 29643

Ion	Ratio	Lower	Upper
122	100		
105	130.0	107.2	147.2
77	104.0	74.5	114.5



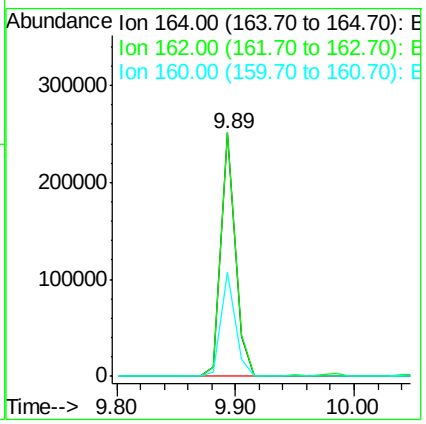


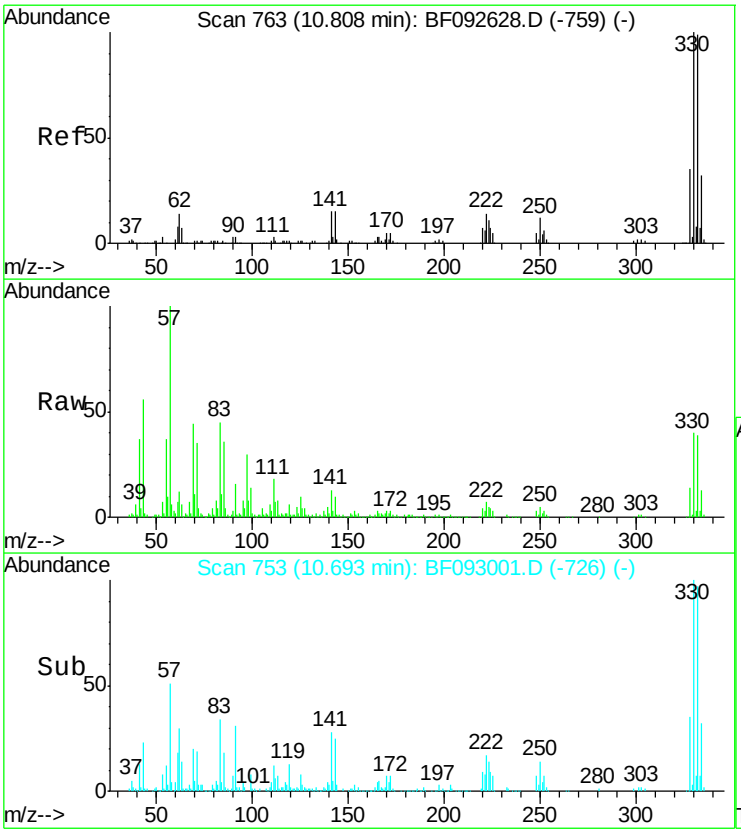
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMP

Tgt Ion:164 Resp: 210158

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	42.6	36.9	55.3

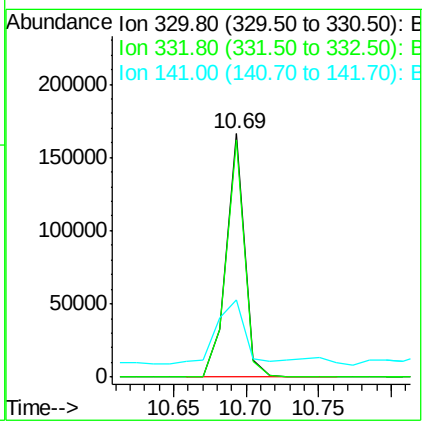


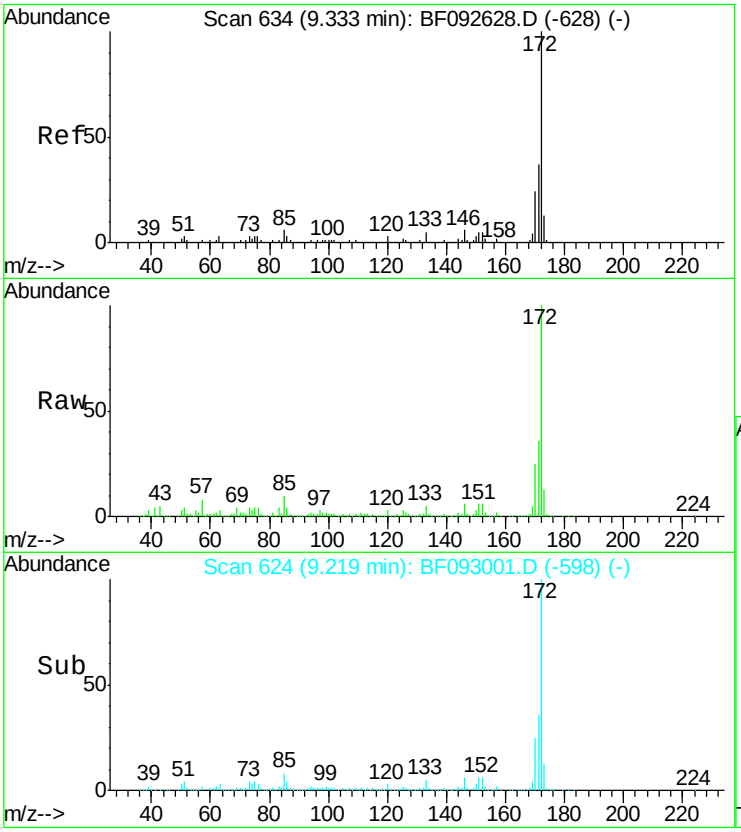


#41
2,4,6-Tribromophenol
Concen: 96.09 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Tgt Ion:330 Resp: 146062

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	41.3	34.1	51.1



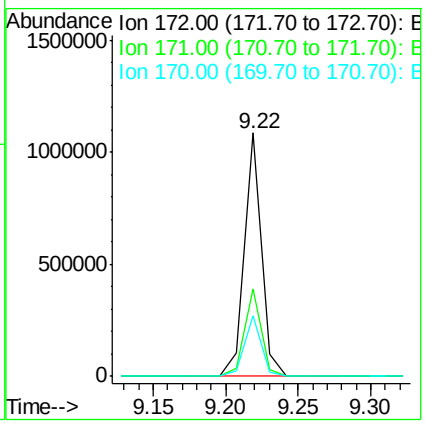


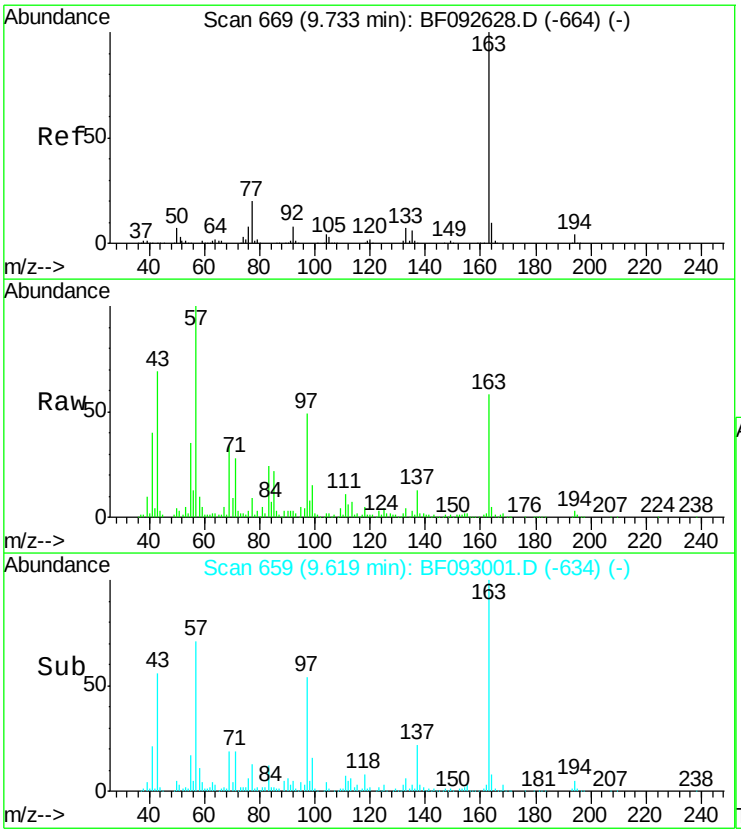
#44
2-Fluorobiphenyl
Concen: 76.40 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMP

Tgt Ion:172 Resp: 886294

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.7	20.2	30.4

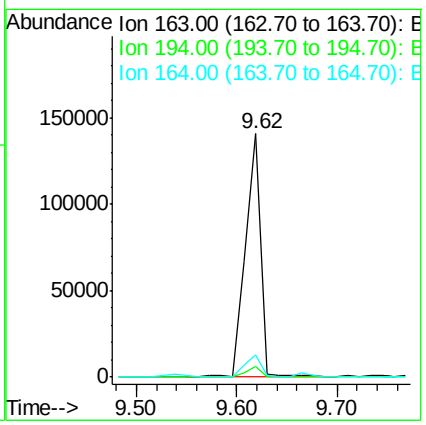


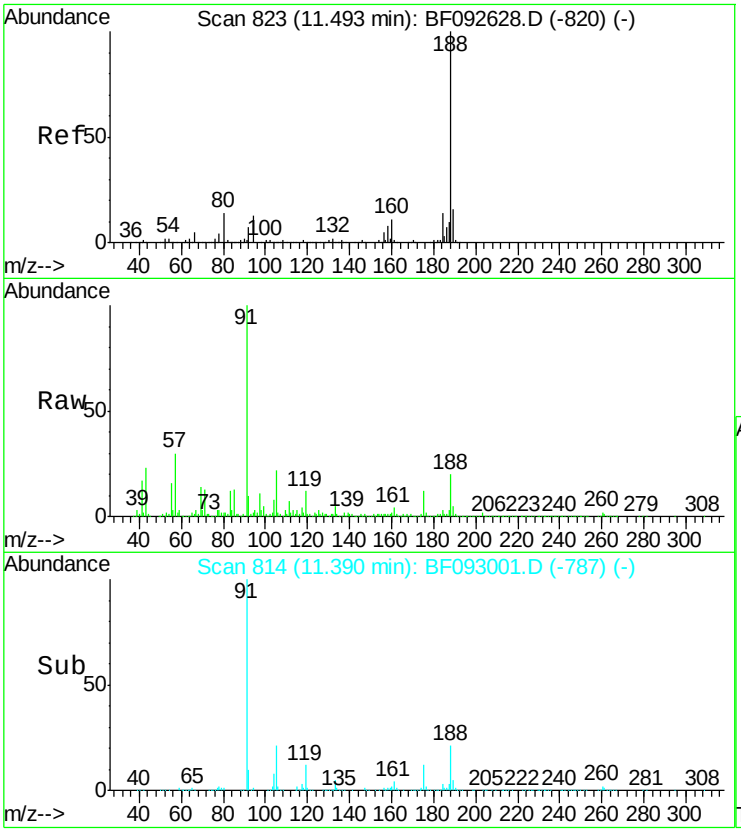


#49
Dimethylphthalate
Concen: 10.27 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Tgt Ion:163 Resp: 145445

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.4#
164	8.9	8.0	12.0



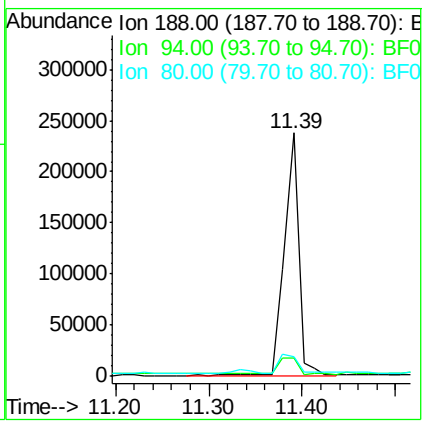


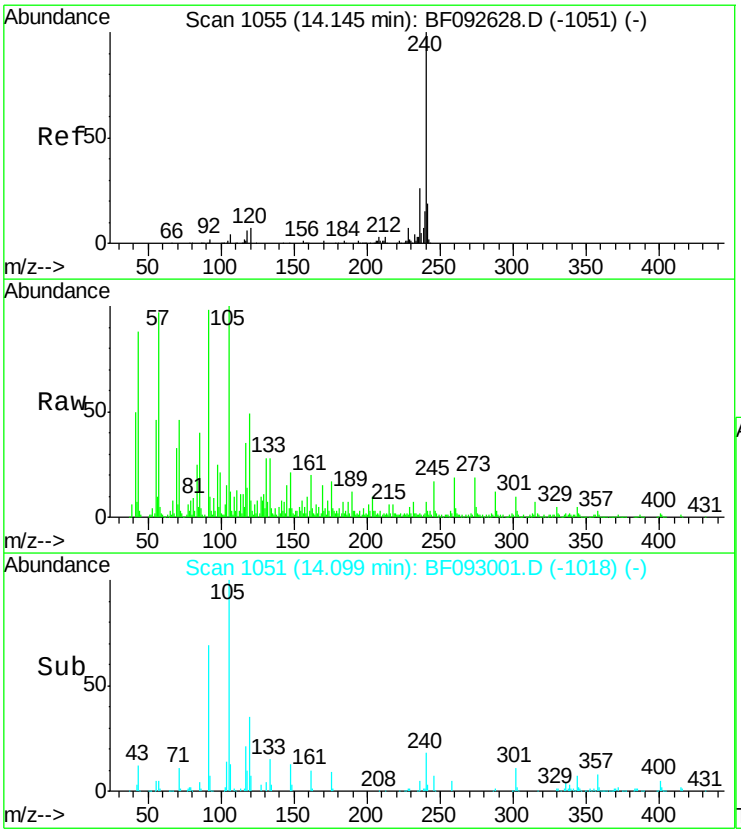
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMP

Tgt Ion:188 Resp: 250910

Ion	Ratio	Lower	Upper
188	100		
94	7.5	10.0	15.0#
80	8.1	11.2	16.8#

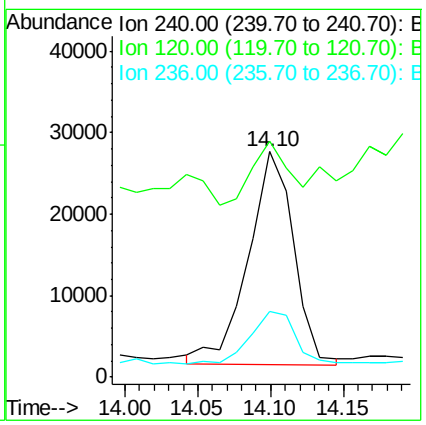


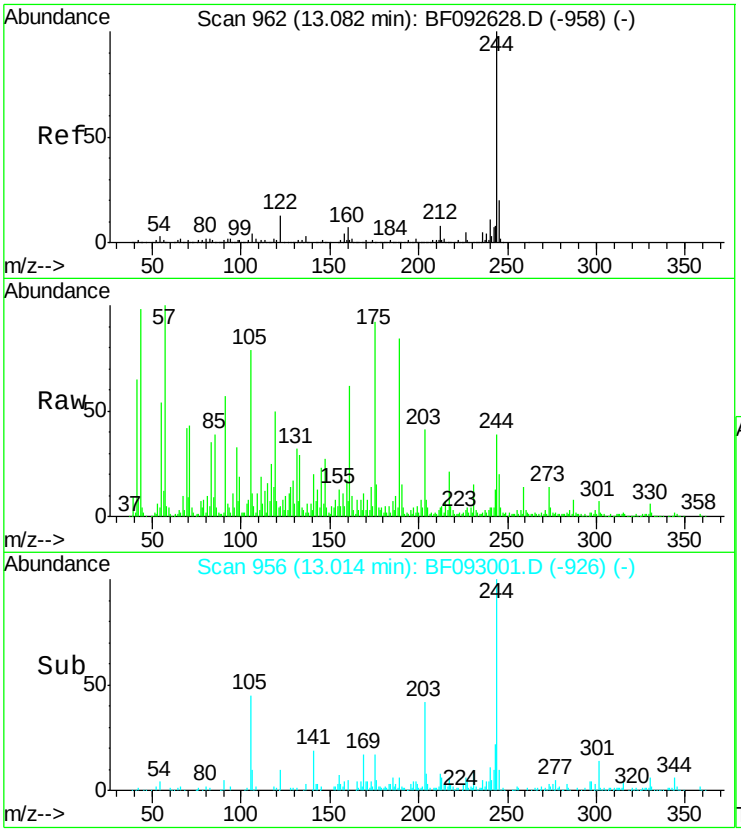


#75
Chrysene-d12
Concen: 20.00 ng m
RT: 14.10 min Scan# 1051
Delta R.T. 0.08 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Tgt Ion:240 Resp: 56797

Ion	Ratio	Lower	Upper
240	100		
120	104.7	12.9	19.3#
236	29.2	20.9	31.3



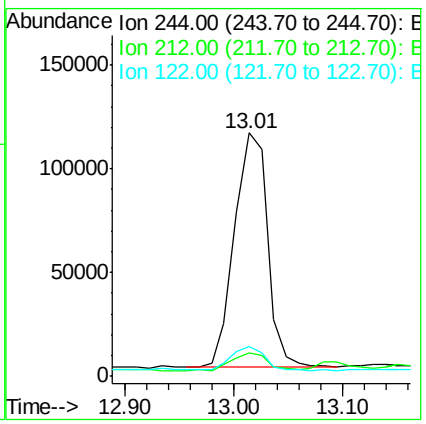


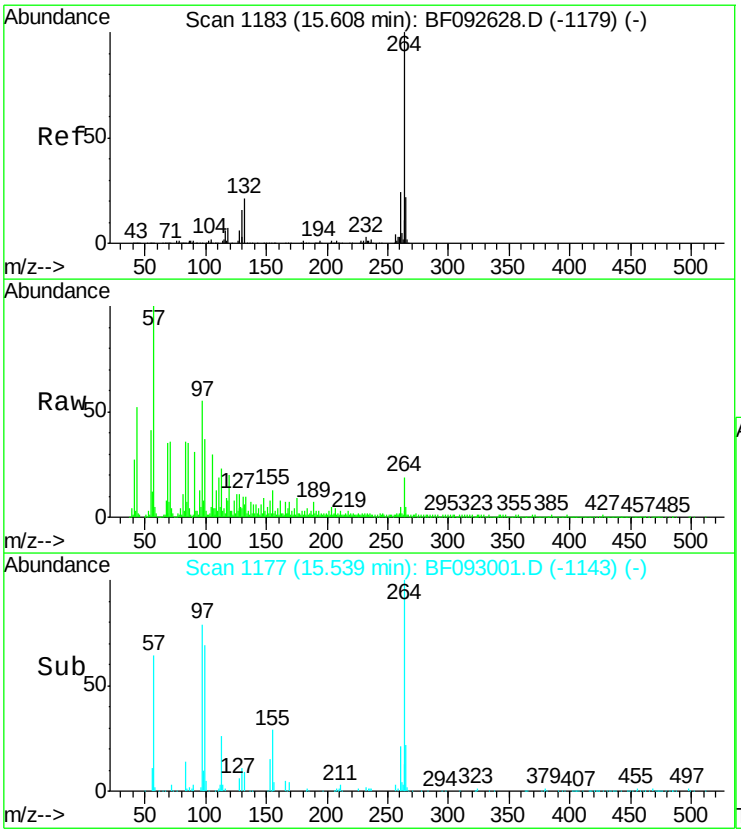
#78
Terphenyl-d14
Concen: 98.80 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.05 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMP

Tgt Ion:244 Resp: 238830

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.2	9.2#
122	12.3	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. 0.09 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Tgt Ion:264 Resp: 118887

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	26.5	17.4	26.0#