Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
Data File : BF090435.D
Acq On : 6 Oct 2016 23:04
Operator : UM/SJ
Sample : H5121-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2

Quant Time: Oct 07 00:11:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	199019	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	851173	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	423748	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	673744	20.00	ng	-0.01
75) Chrysene-d12	14.18	240	390287	20.00	ng	-0.02
86) Perylene-d12	15.69	264	364140	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1833696	137.51	ng	0.00
7) Phenol-d6	6.62	99	2529940	144.86	ng	0.00
23) Nitrobenzene-d5	7.56	82	1758713	100.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	608269	176.53	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2663256	104.72	ng	-0.01
78) Terphenyl-d14	13.13	244	2032323	117.07	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	7.15	79	26667	2.01	ng	# 50
19) n-Nitroso-di-n-propylamine	7.56	70	248478	19.40	ng	# 62
49) Dimethylphthalate	9.75	163	655020	24.14	ng	98

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

Quantitation Report (Not Reviewed)

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Data File : BF090435.D
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Misc :
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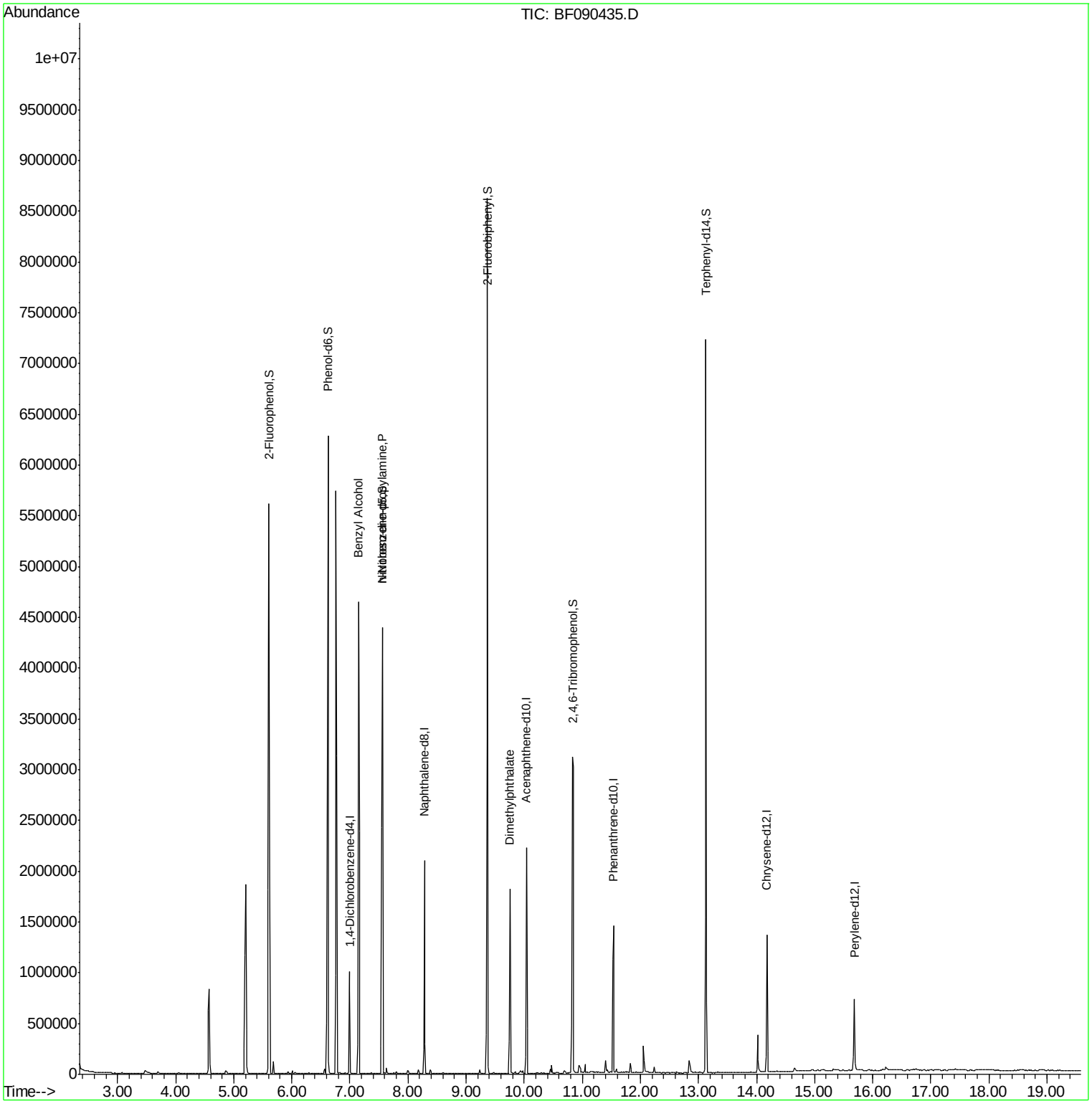
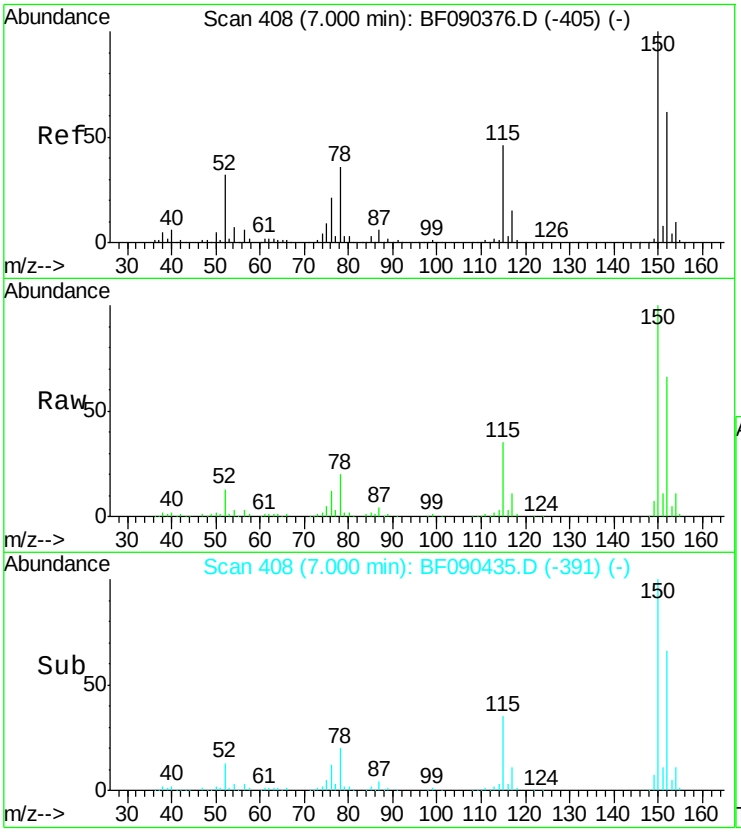


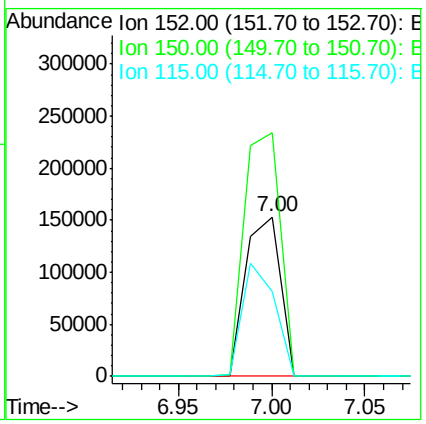


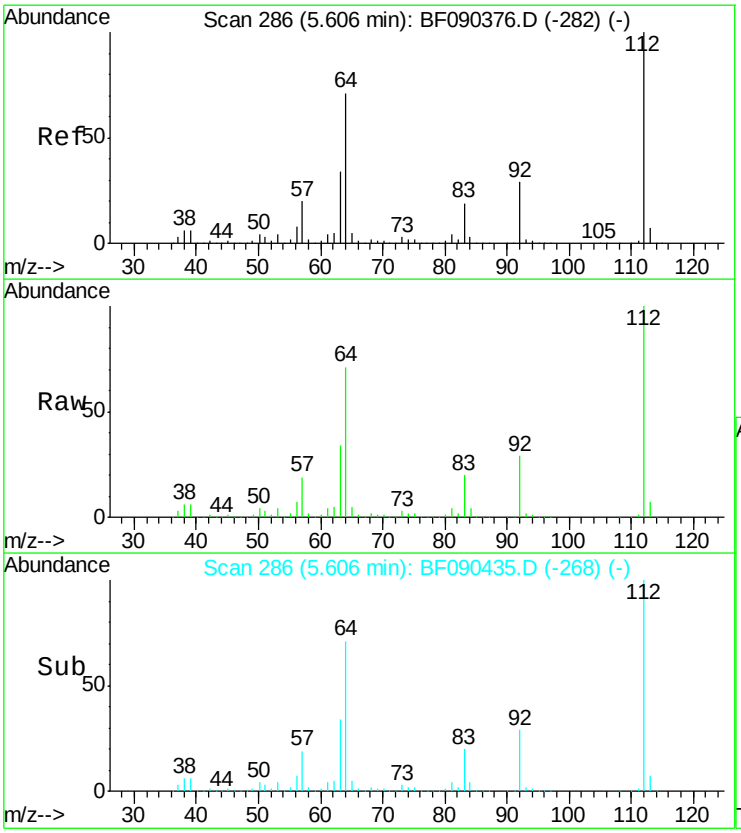
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:152 Resp: 199019

Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	53.2	46.2	69.4

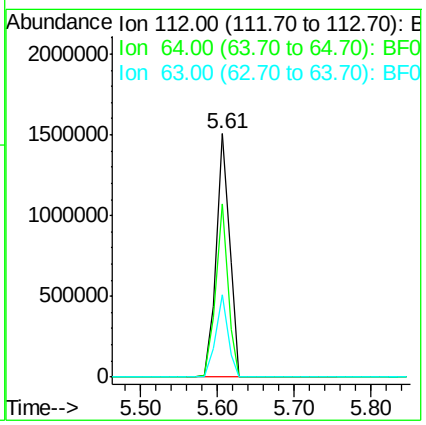


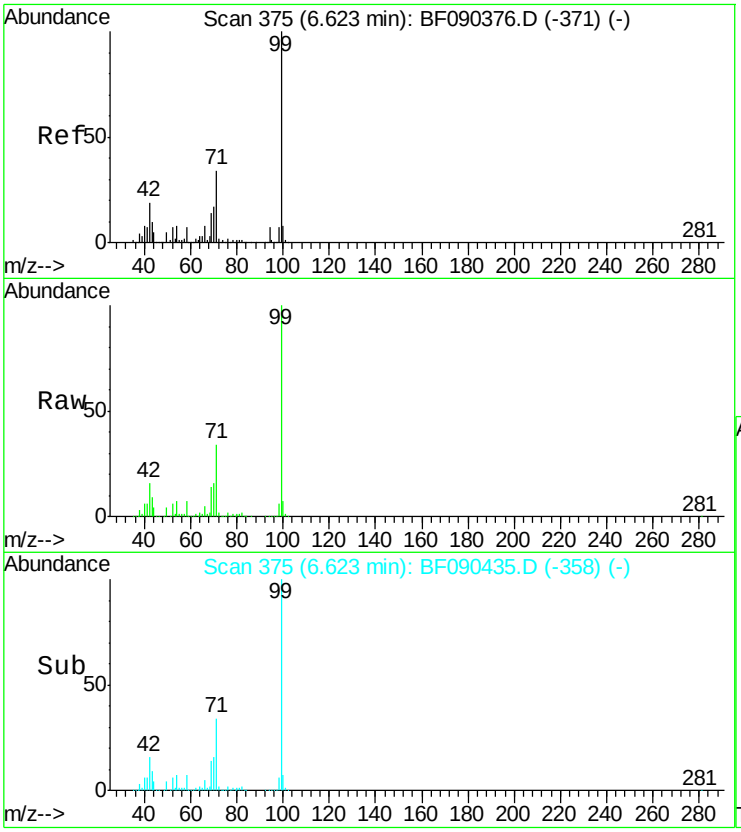


#5
2-Fluorophenol
Concen: 137.51 ng
RT: 5.61 min Scan# 286
Delta R.T. 0.00 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Tgt Ion:112 Resp: 1833696

Ion	Ratio	Lower	Upper
112	100		
64	71.3	57.9	86.9
63	33.9	29.6	44.4



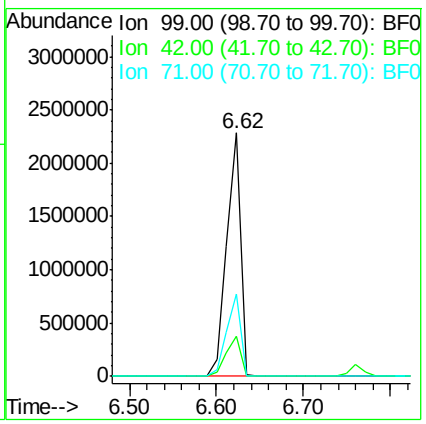


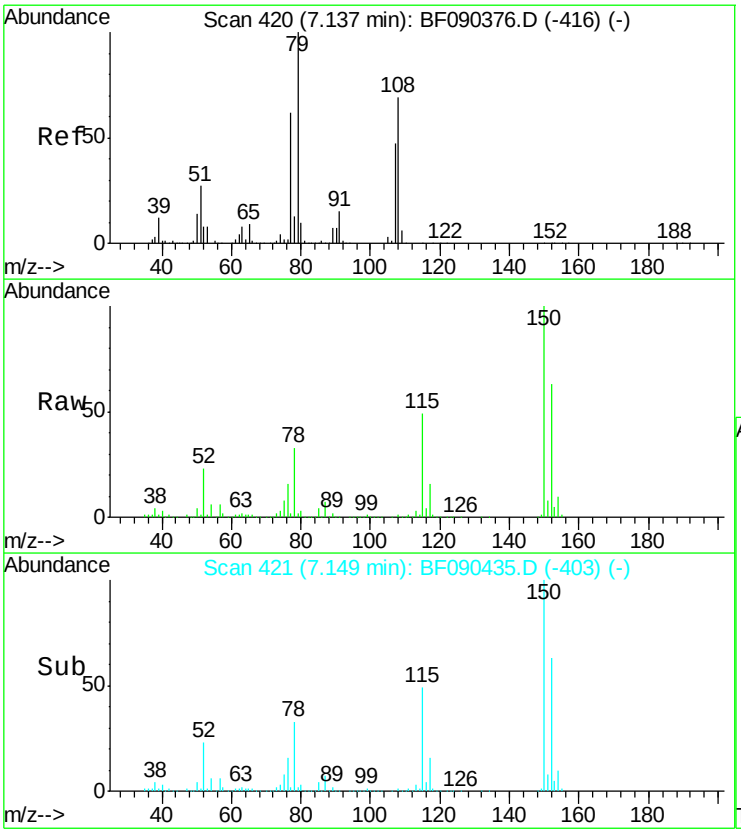
#7
Phenol-d6
Concen: 144.86 ng
RT: 6.62 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion: 99 Resp: 2529940

Ion	Ratio	Lower	Upper
99	100		
42	16.5	20.0	30.0#
71	33.7	27.9	41.9

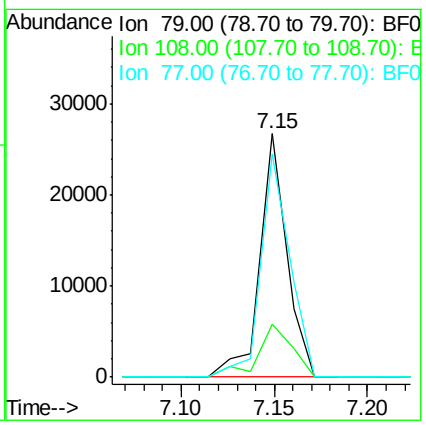


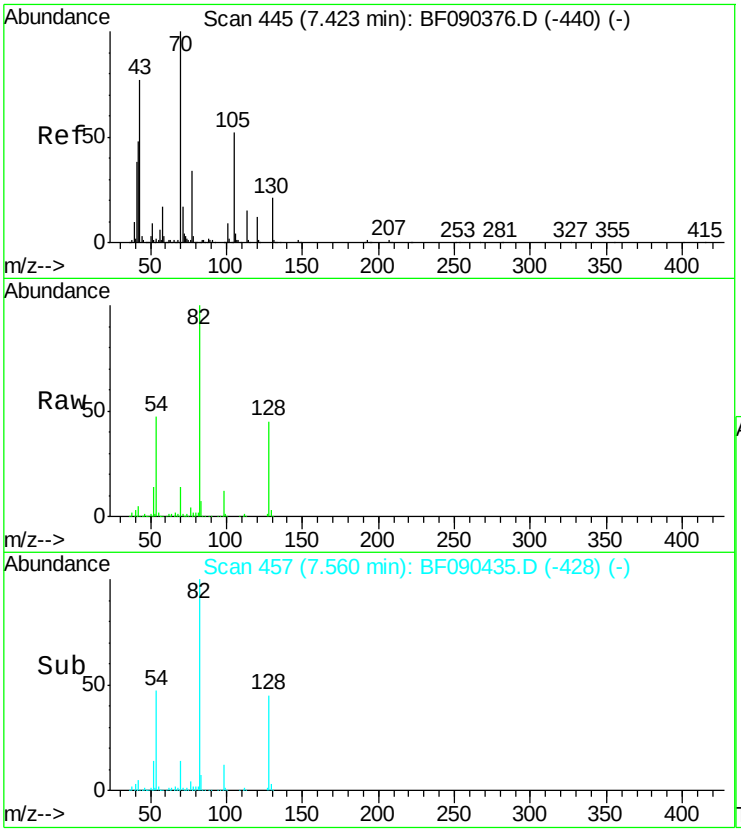


#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 7.15 min Scan# 421
Delta R.T. 0.01 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Tgt Ion: 79 Resp: 26667

Ion	Ratio	Lower	Upper
79	100		
108	21.8	60.9	91.3#
77	91.6	51.5	77.3#



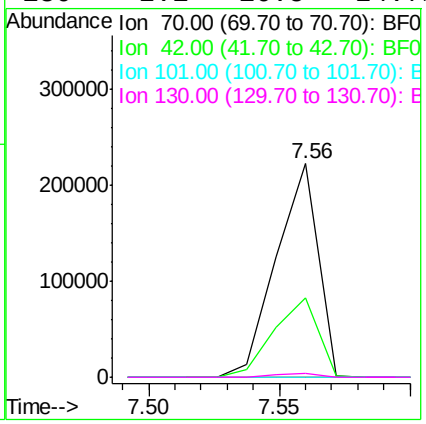


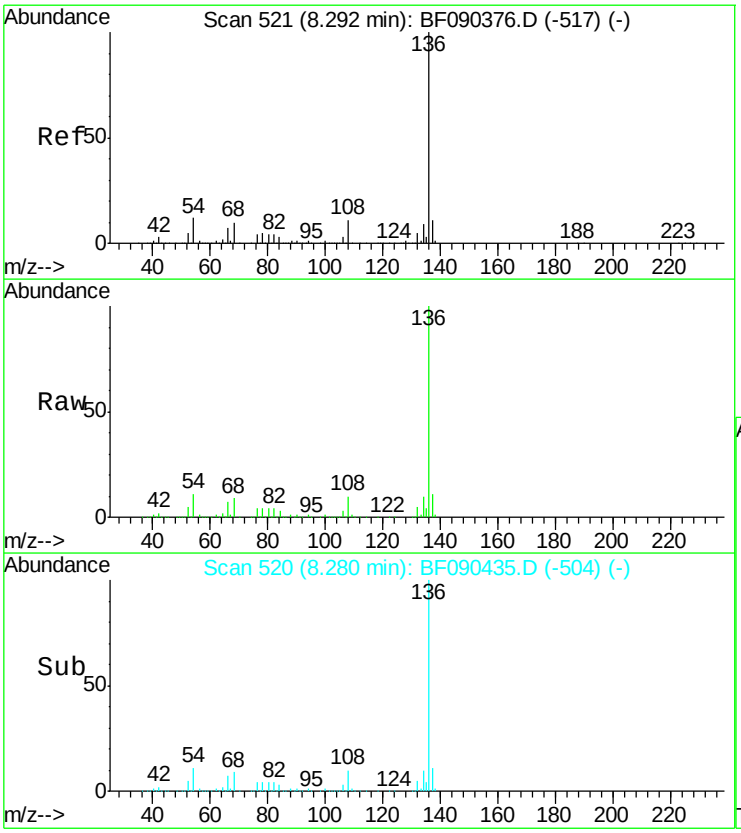
#19
n-Nitroso-di-n-propylamine
Concen: 19.40 ng
RT: 7.56 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion: 70 Resp: 248478

Ion	Ratio	Lower	Upper
70	100		
42	37.4	55.4	83.2#
101	0.0	7.6	11.4#
130	2.1	16.5	24.7#

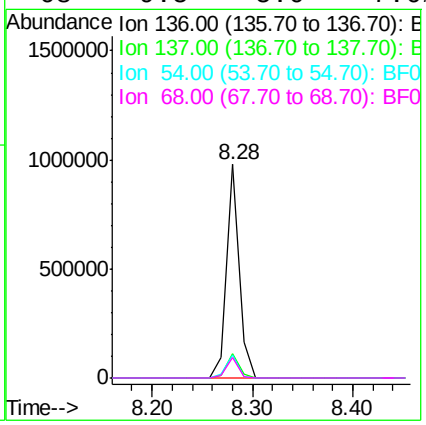


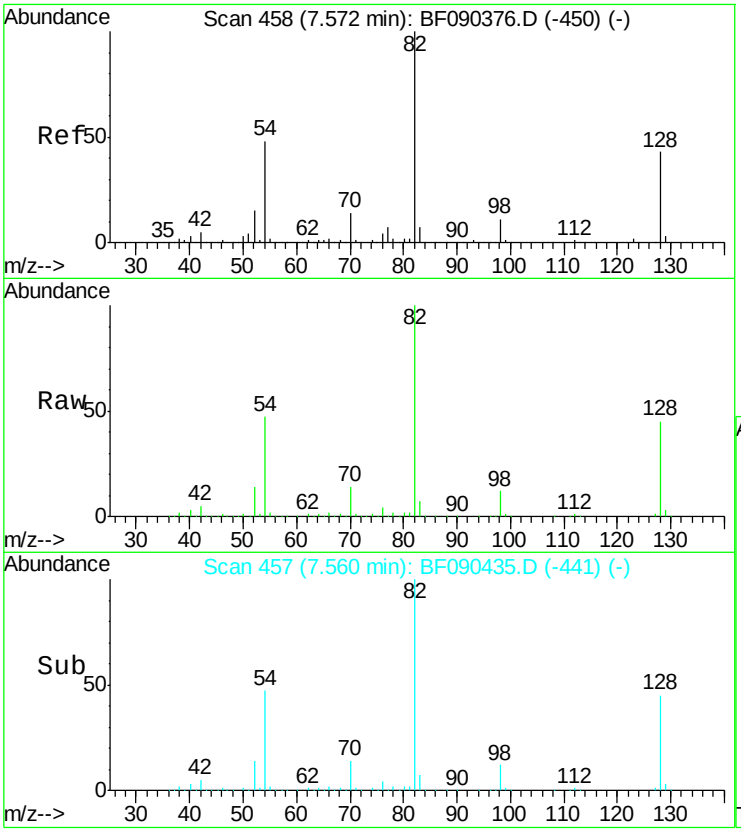


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Tgt Ion:136 Resp: 851173

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.9	6.6	10.0#
68	9.5	5.0	7.6#



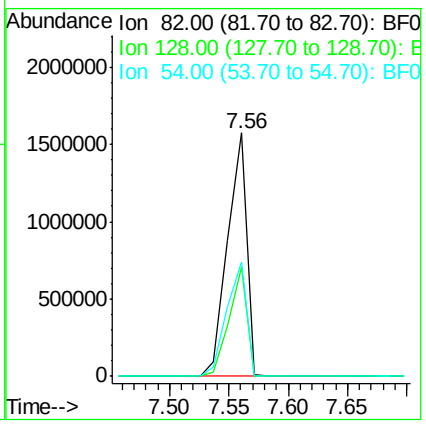


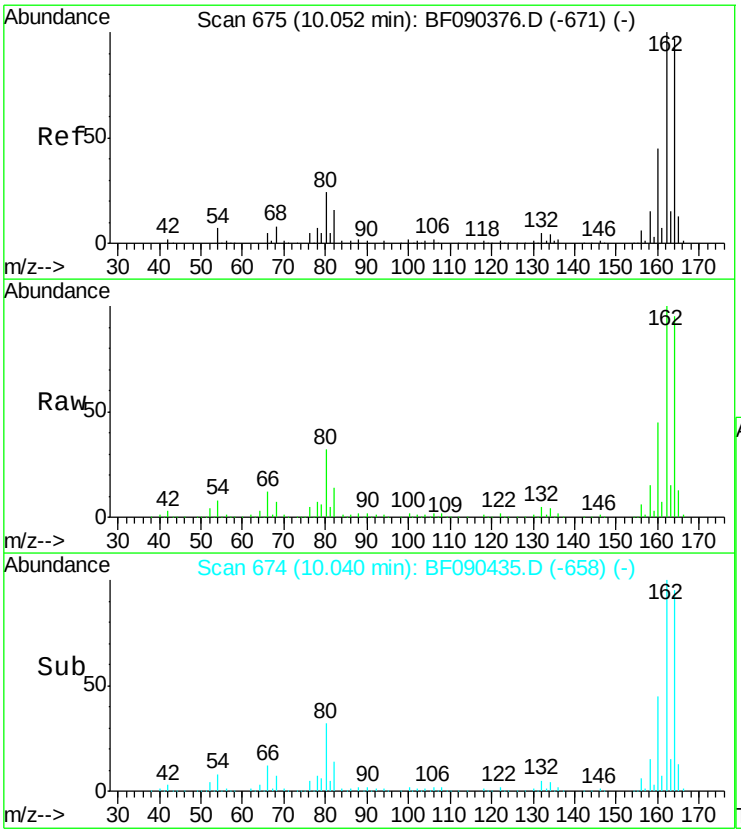
#23
Nitrobenzene-d5
Concen: 100.51 ng
RT: 7.56 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion: 82 Resp: 1758713

Ion	Ratio	Lower	Upper
82	100		
128	44.9	40.0	60.0
54	47.0	42.6	64.0

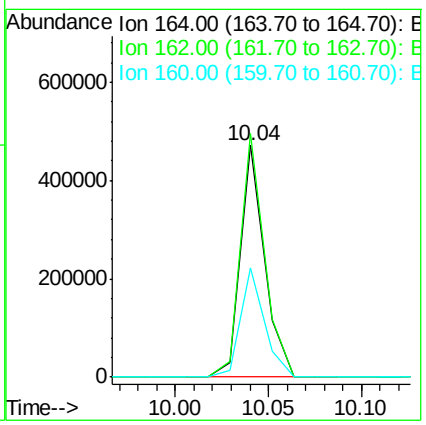


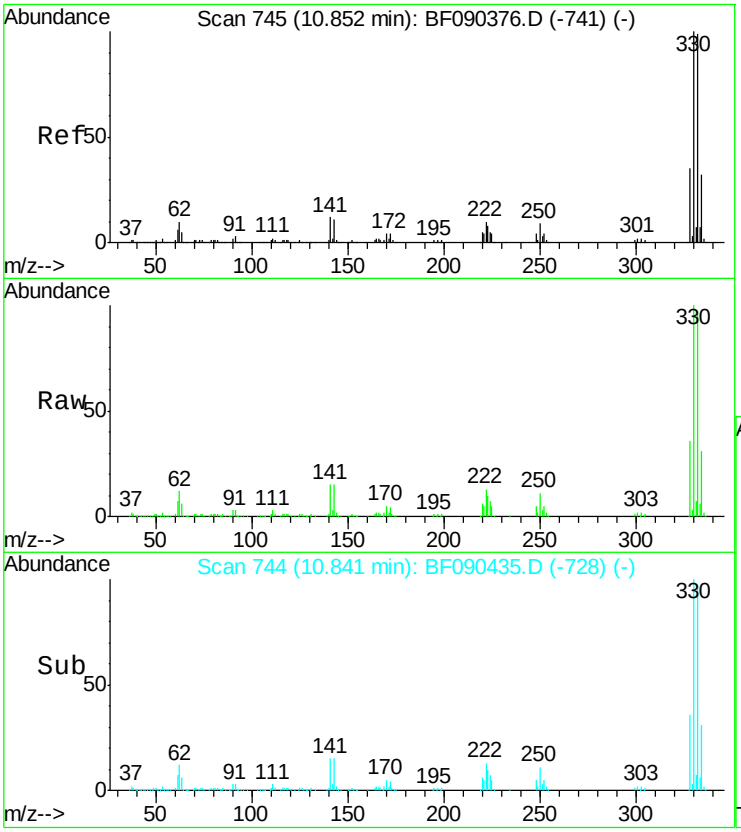


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Tgt Ion:164 Resp: 423748

Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.1	120.1
160	47.1	36.3	54.5



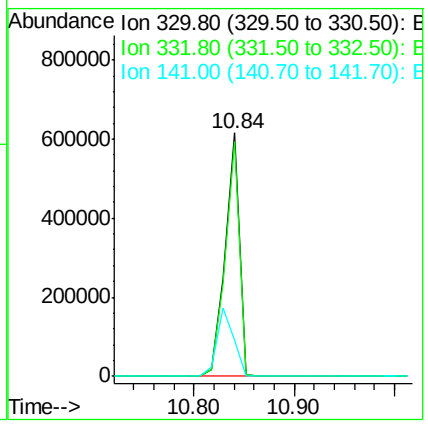


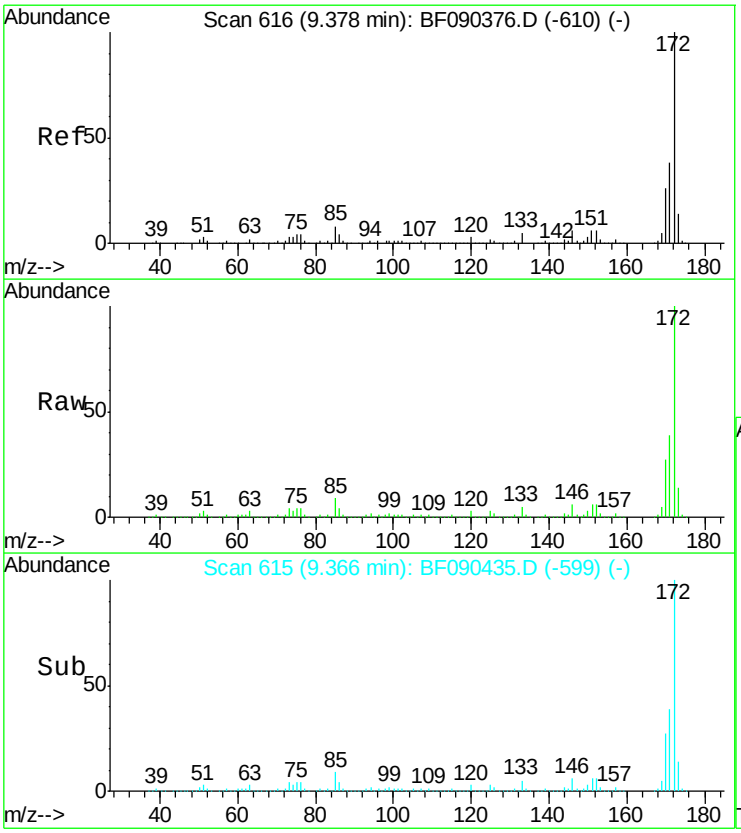
#41
2,4,6-Tribromophenol
Concen: 176.53 ng
RT: 10.84 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:330 Resp: 608269

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.0
141	32.6	26.9	40.3

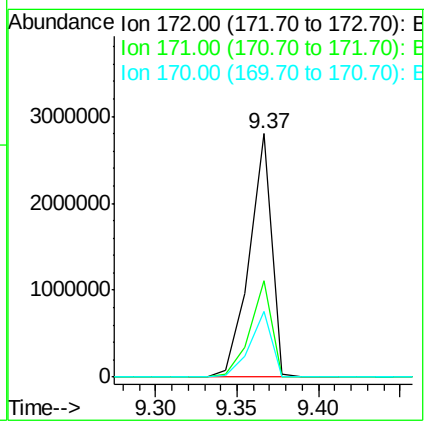


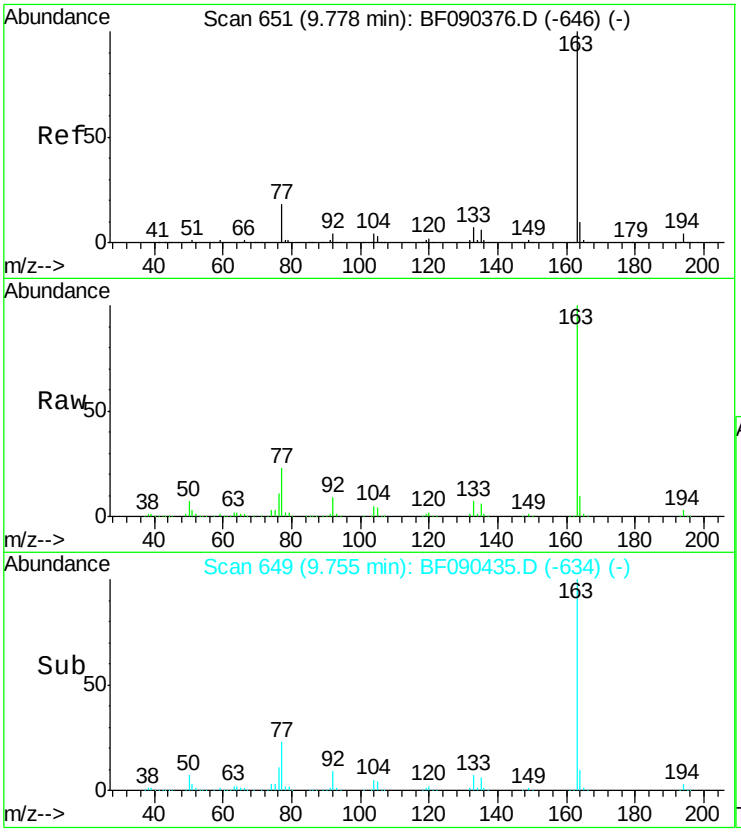


#44
2-Fluorobiphenyl
Concen: 104.72 ng
RT: 9.37 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Tgt Ion:172 Resp: 2663256

Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.8	47.8
170	26.8	21.7	32.5



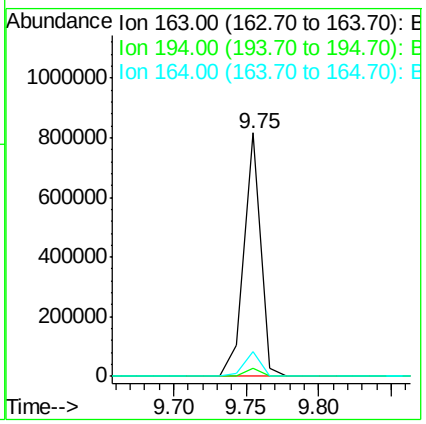


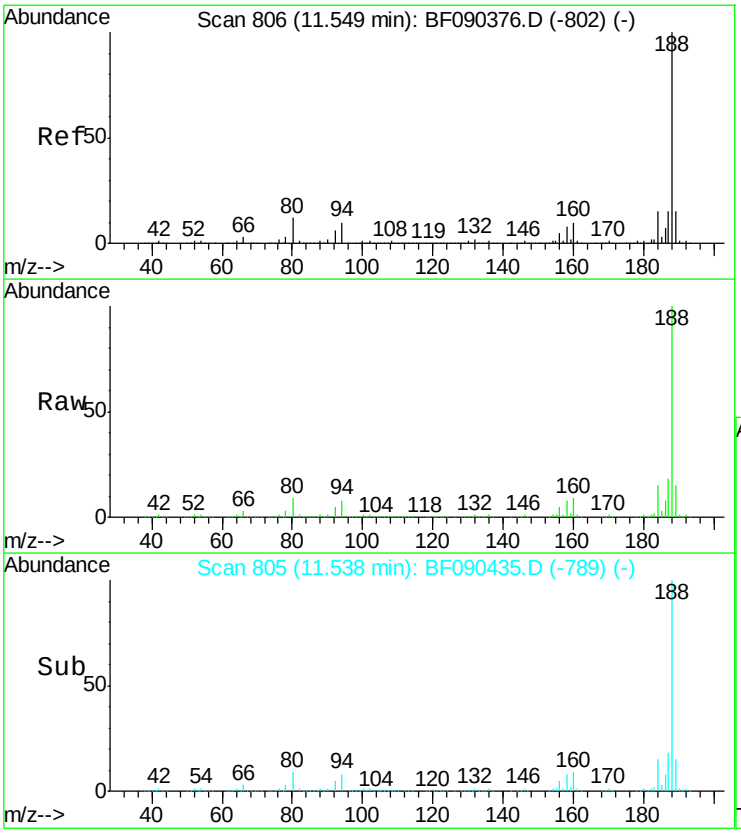
#49
Dimethylphthalate
Concen: 24.14 ng
RT: 9.75 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:163 Resp: 655020

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.2	9.0	13.4

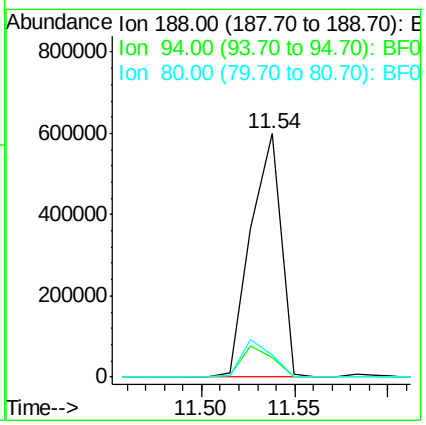


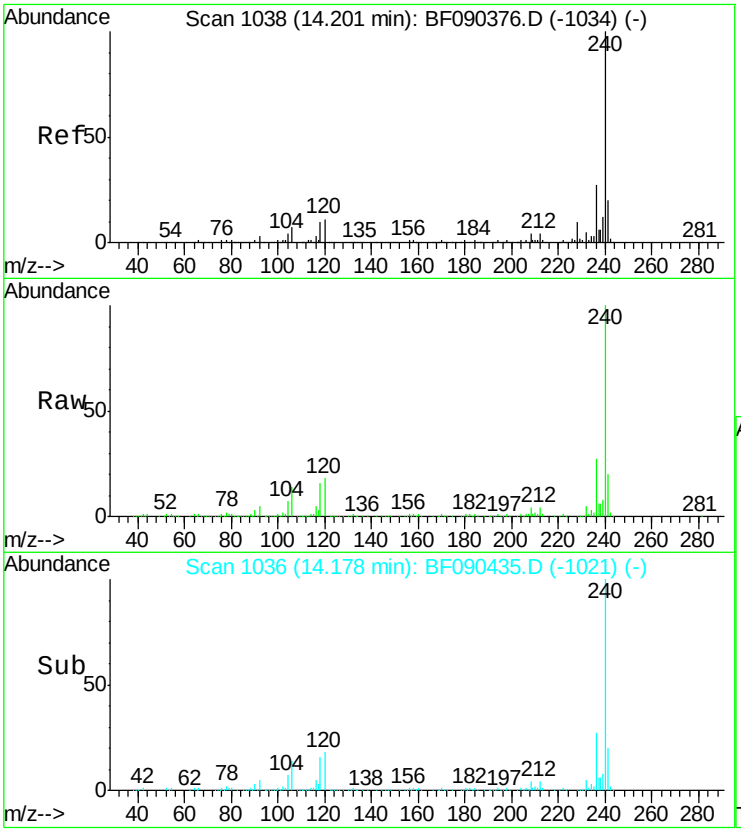


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Tgt Ion:188 Resp: 673744

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	8.9	8.8	13.2



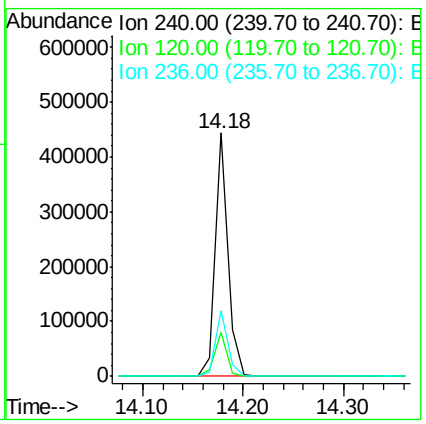


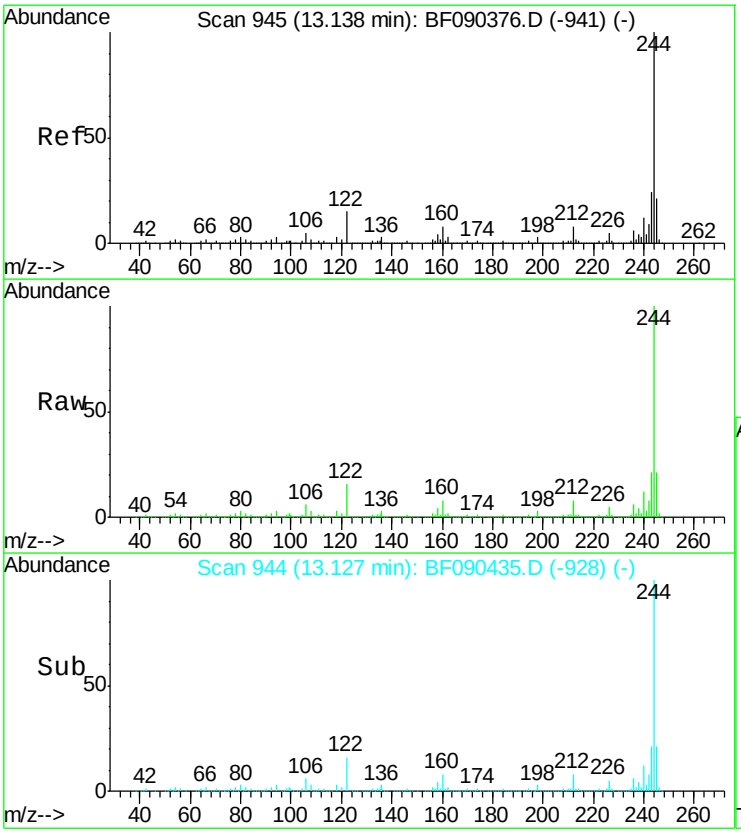
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:240 Resp: 390287

Ion	Ratio	Lower	Upper
240	100		
120	18.2	8.6	13.0#
236	26.8	21.6	32.4

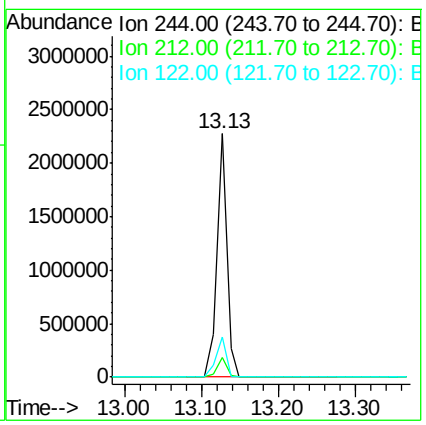


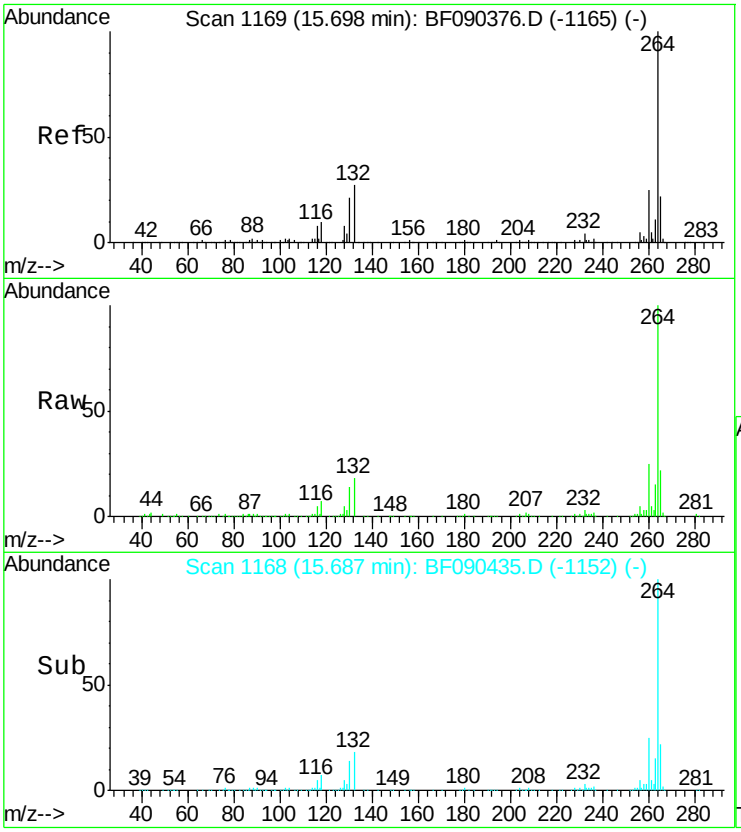


#78
Terphenyl-d14
Concen: 117.07 ng
RT: 13.13 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Tgt Ion:244 Resp: 2032323

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.8	10.2
122	16.4	13.3	19.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:264 Resp: 364140

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.8	17.4	26.0