Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083743.D
Acq On : 13 Dec 2015 21:44
Operator : UM/IZ
Sample : G4648-25
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-X

Quant Time: Dec 14 04:26:59 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	84528	20.00	ng	0.01
21) Naphthalene-d8	8.20	136	430001	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	222397	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	398502	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	279489	20.00	ng	-0.02
86) Perylene-d12	15.49	264	234063	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	721647	137.73	ng	0.00
7) Phenol-d6	6.56	99	934683	140.86	ng	0.01
23) Nitrobenzene-d5	7.48	82	622093	80.94	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	294167	129.81	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1177621	74.84	ng	-0.01
78) Terphenyl-d14	13.01	244	1015613	78.17	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.22	128	445873	19.89	ng	98
37) 2-Methylnaphthalene	8.91	142	28219	2.01	ng	98
49) Dimethylphthalate	9.66	163	363892	20.99	ng	99

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

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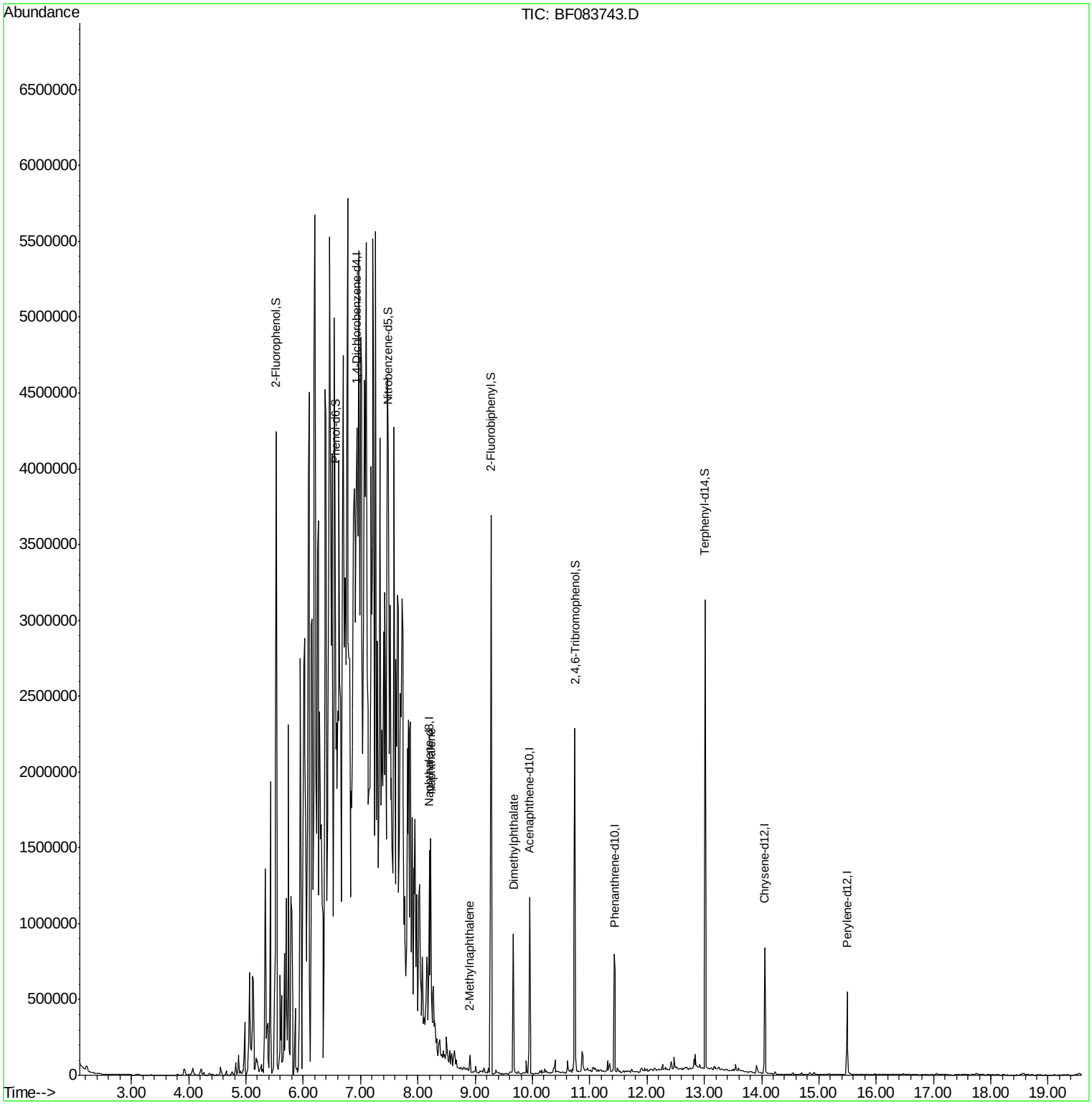
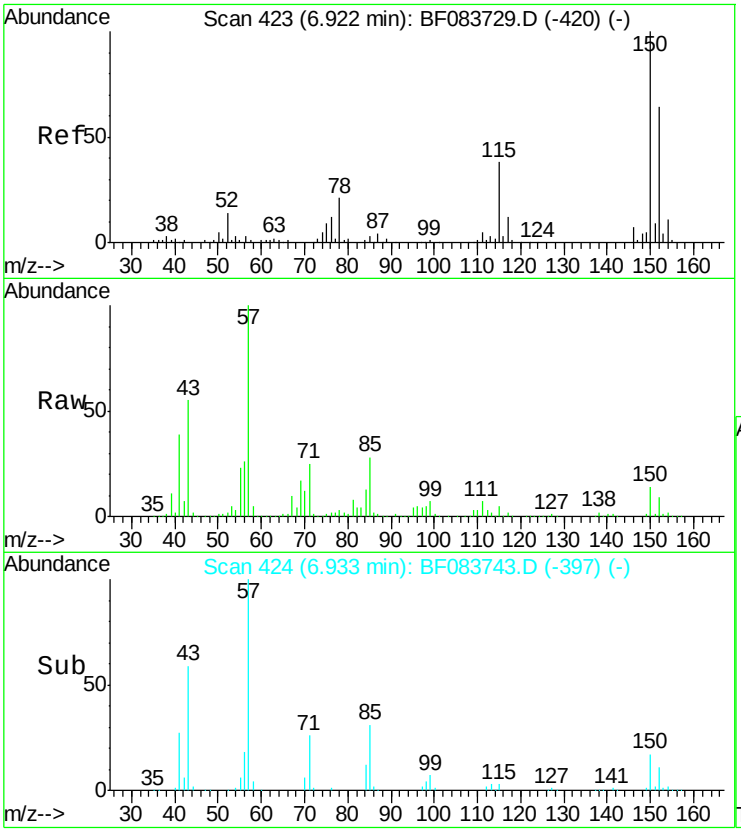


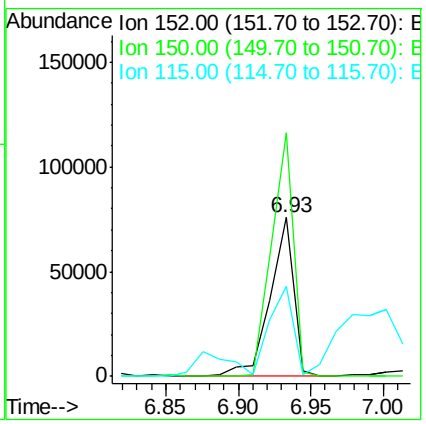


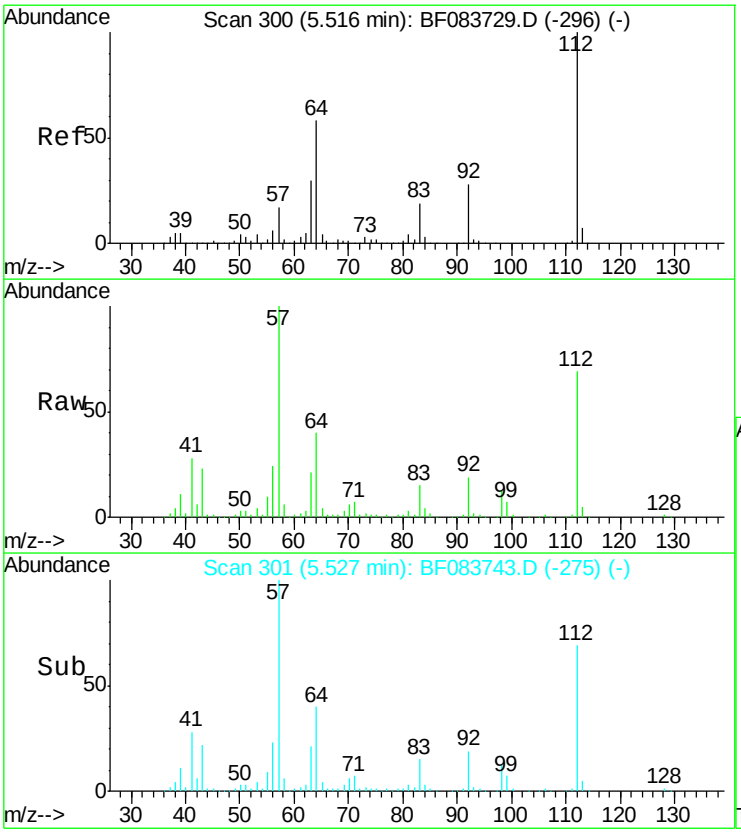
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
DUP-X

Tgt Ion:152 Resp: 84528

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.5	189.7
115	56.6	52.3	78.5

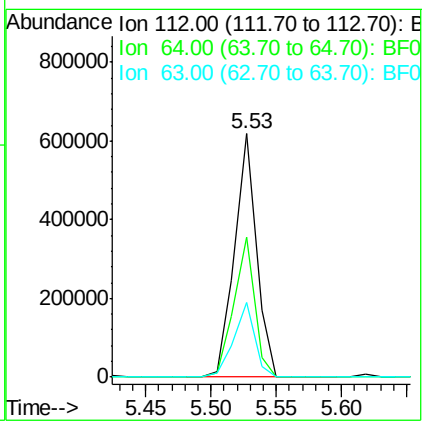


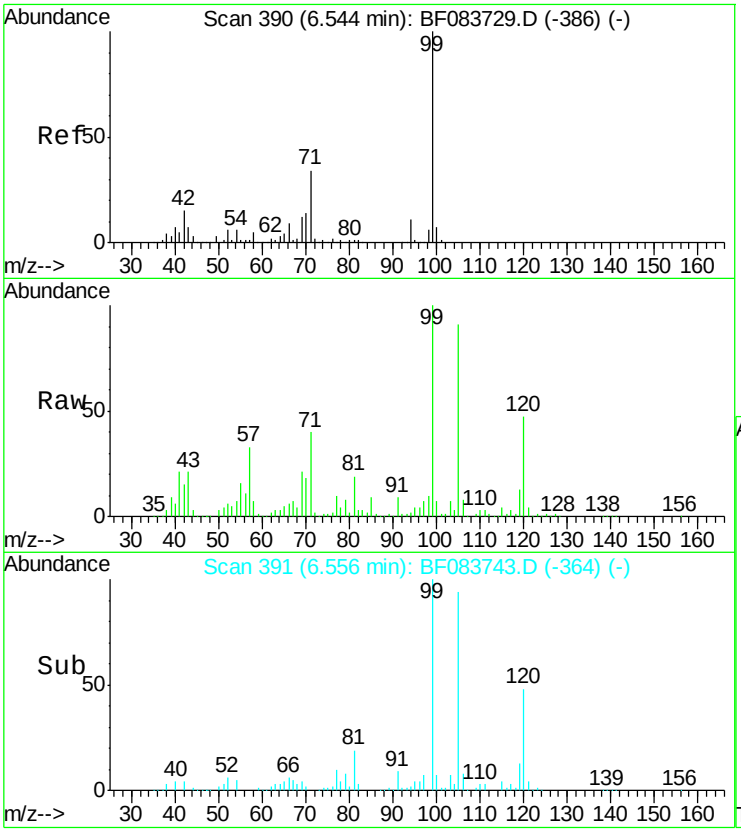


#5
2-Fluorophenol
Concen: 137.73 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:112 Resp: 721647

Ion	Ratio	Lower	Upper
112	100		
64	57.3	50.5	75.7
63	30.6	25.8	38.6



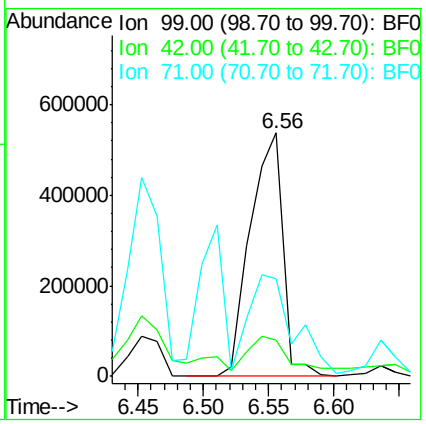


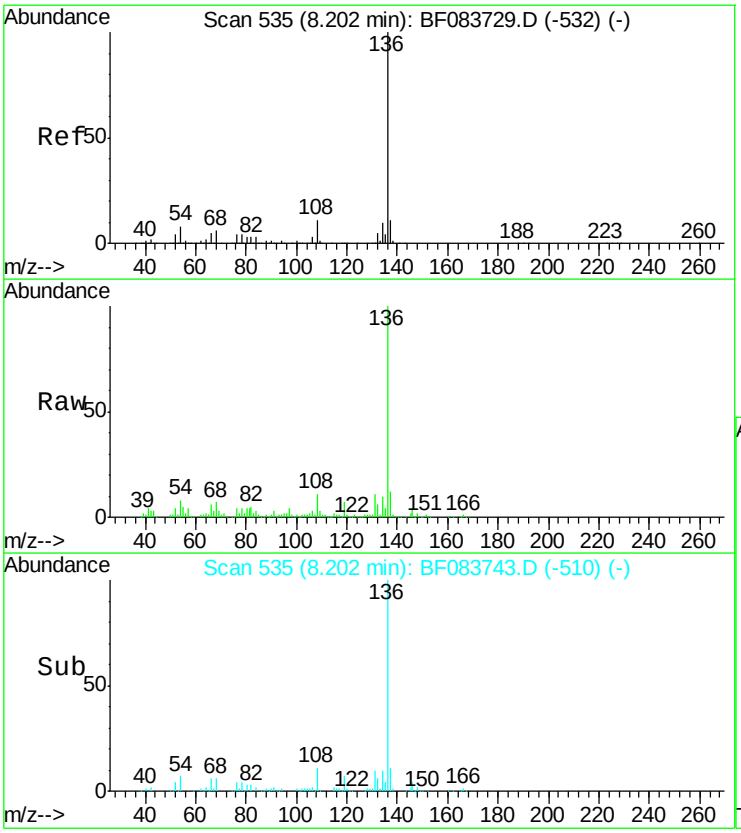
#7
Phenol-d6
Concen: 140.86 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
DUP-X

Tgt Ion: 99 Resp: 934683

Ion	Ratio	Lower	Upper
99	100		
42	14.9	17.3	25.9#
71	40.2	26.6	40.0#

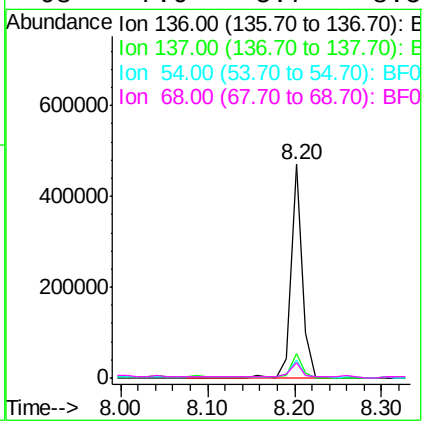


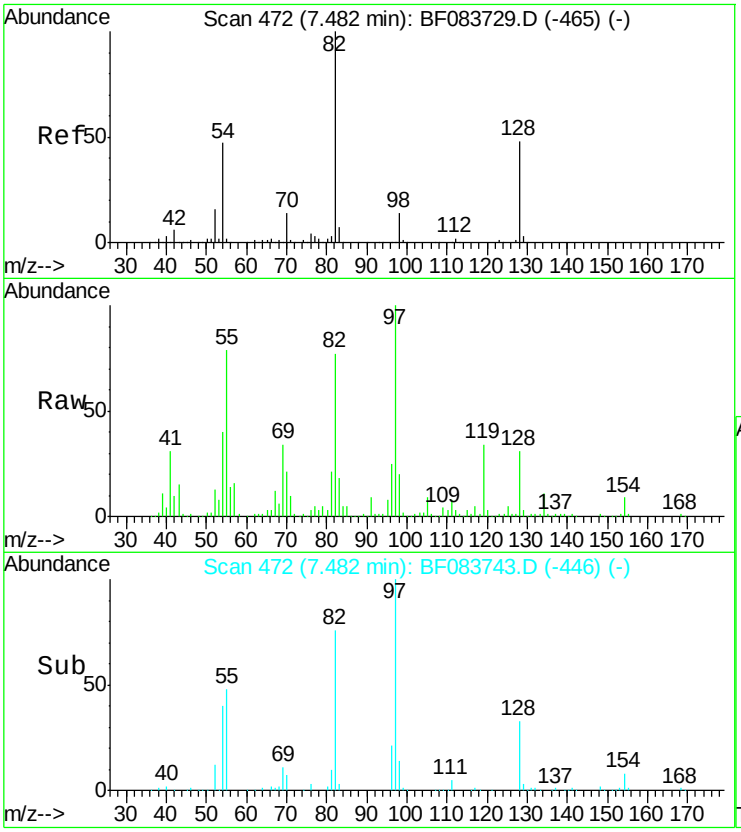


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:136 Resp: 430001

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	8.1	7.8	11.6
68	7.0	5.7	8.5



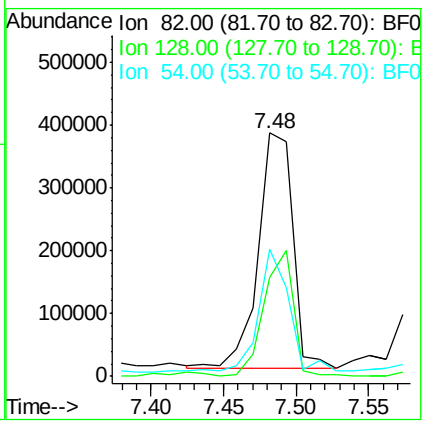


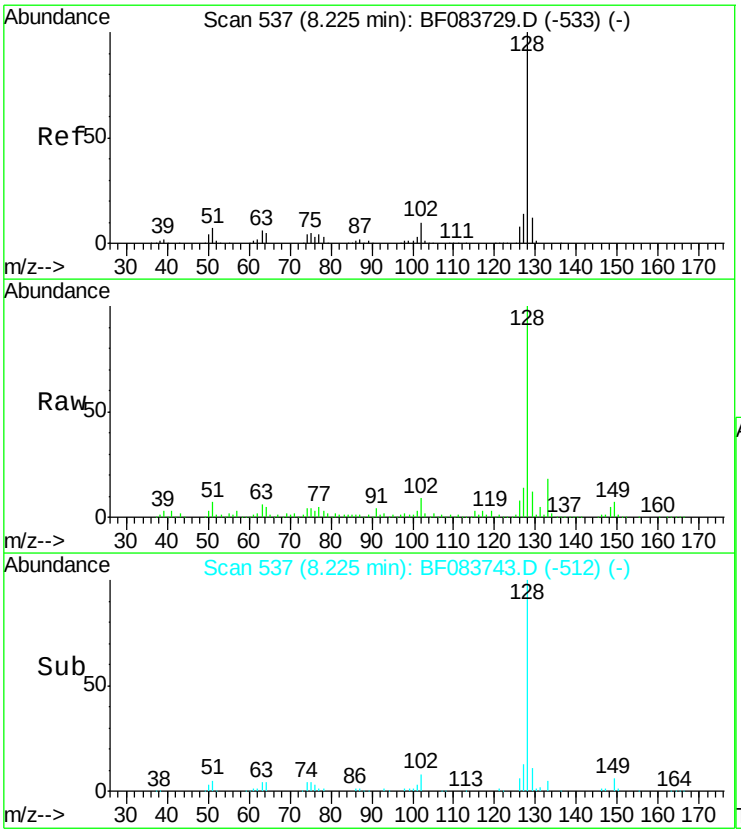
#23
Nitrobenzene-d5
Concen: 80.94 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
DUP-X

Tgt Ion: 82 Resp: 622093

Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.7	46.1
54	52.3	42.5	63.7

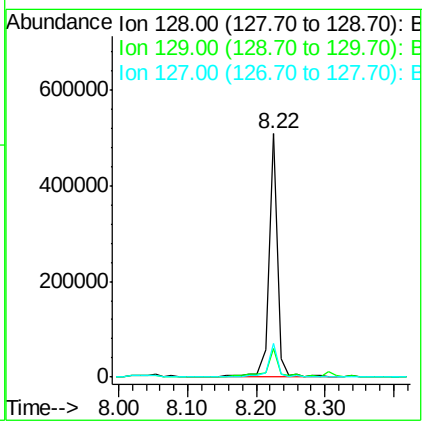


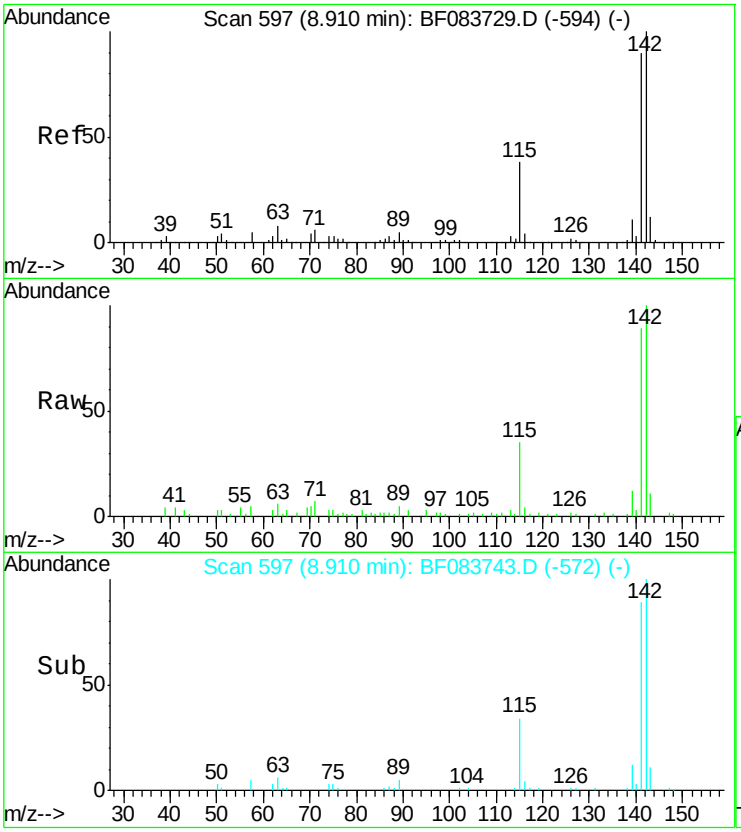


#31
Naphthalene
Concen: 19.89 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:128 Resp: 445873

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	13.0
127	13.9	10.6	16.0



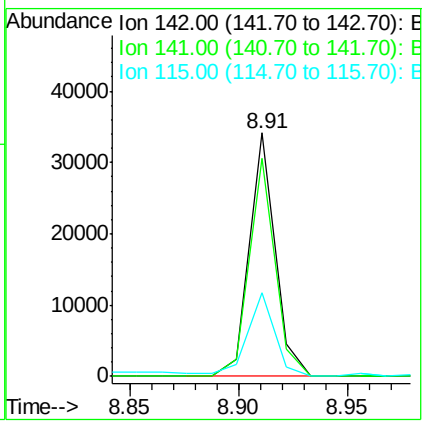


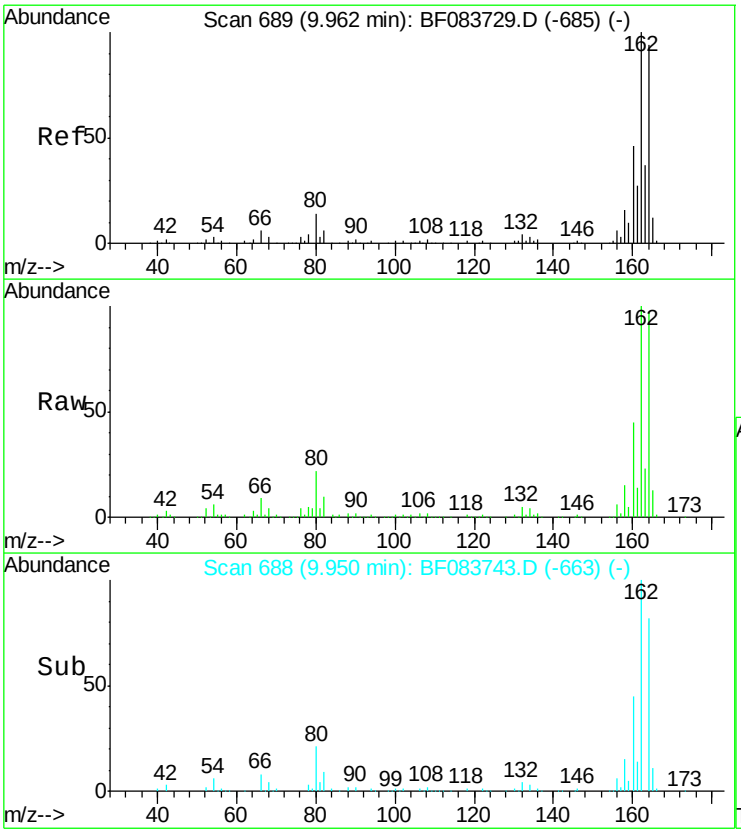
#37
2-Methylnaphthalene
Concen: 2.01 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
DUP-X

Tgt Ion:142 Resp: 28219

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	34.6	29.2	43.8

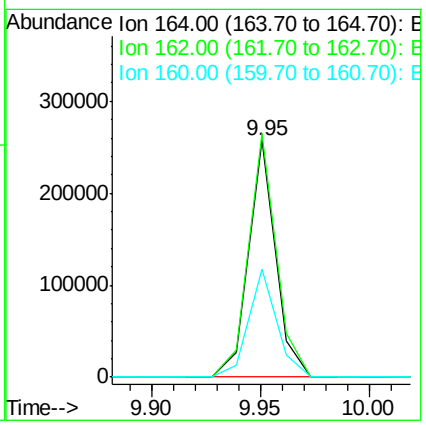


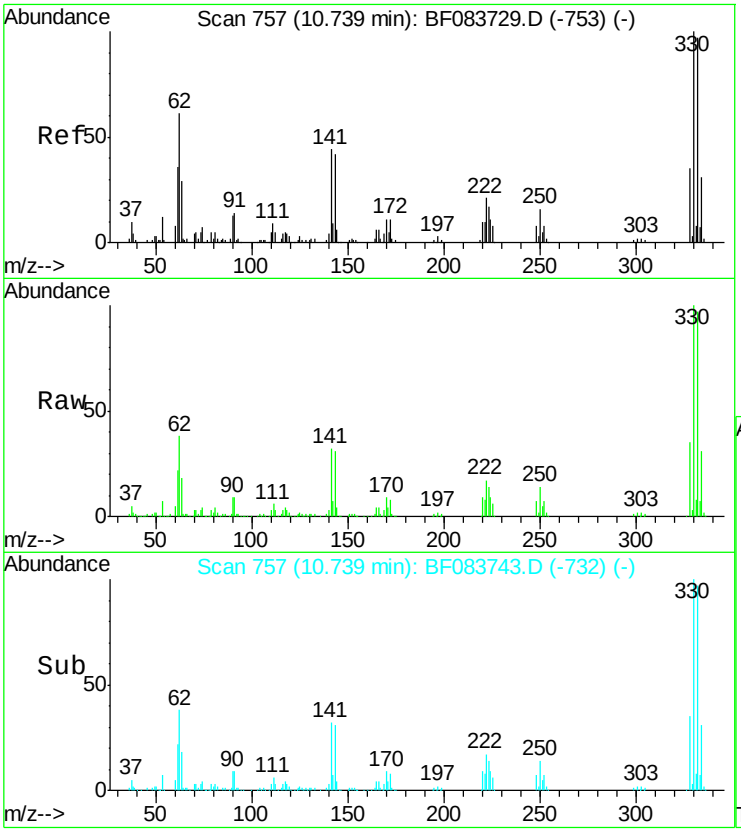


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:164 Resp: 222397

Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	45.8	33.4	50.2



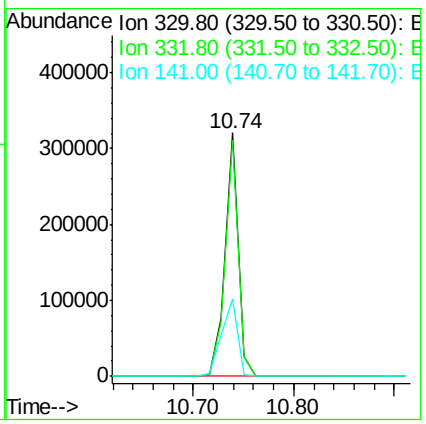


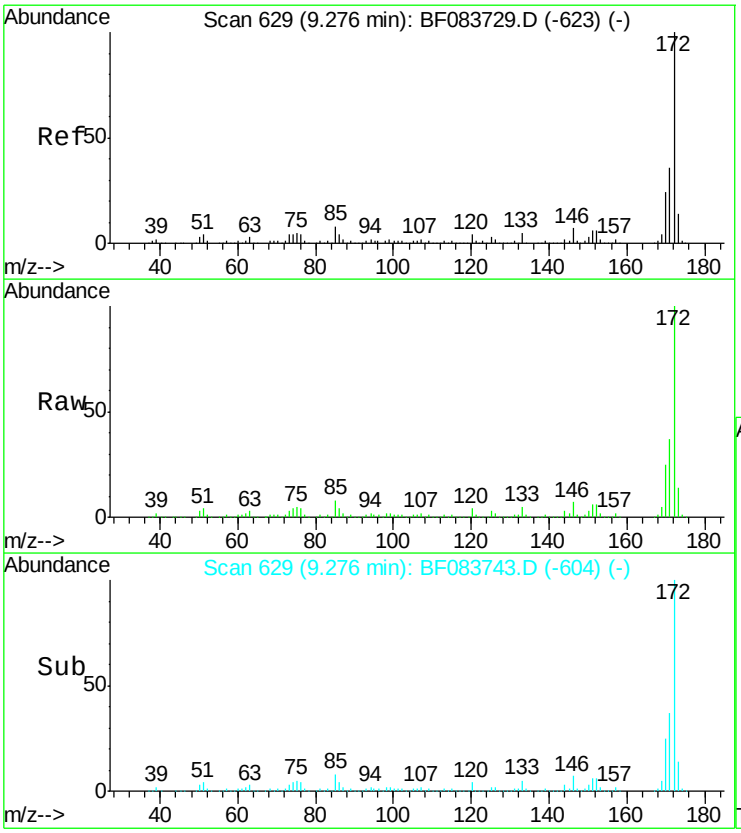
#41
2,4,6-Tribromophenol
Concen: 129.81 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
DUP-X

Tgt Ion:330 Resp: 294167

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	38.4	0.0	0.0#

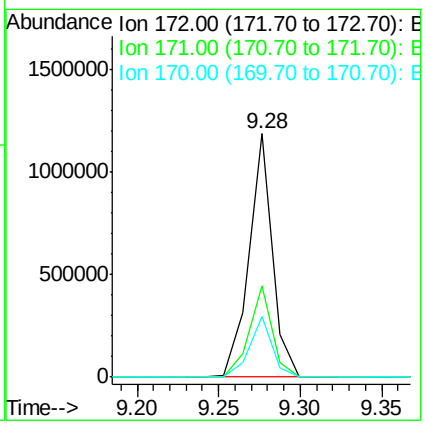


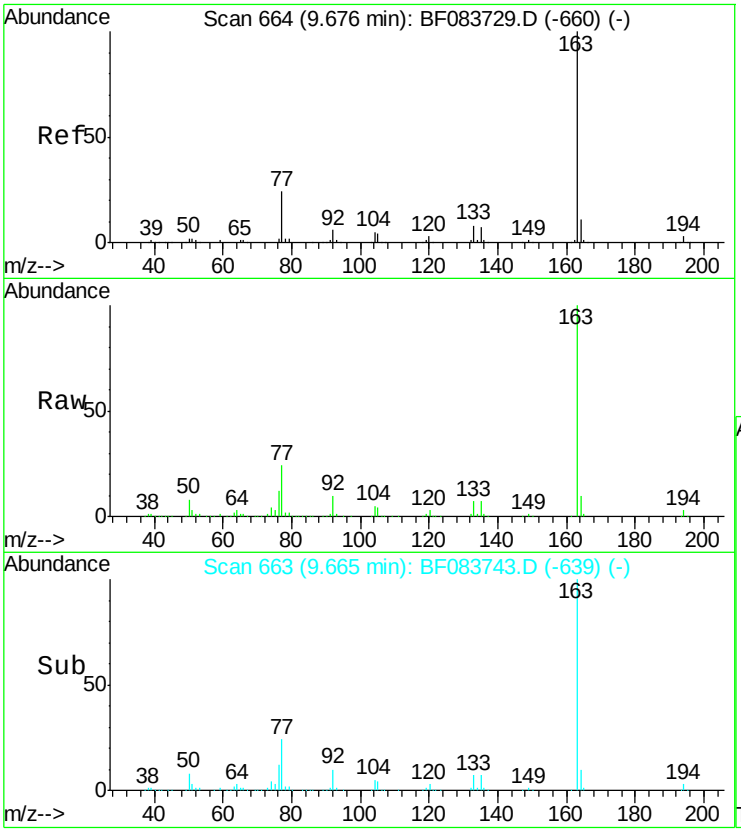


#44
2-Fluorobiphenyl
Concen: 74.84 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:172 Resp: 1177621

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	25.1	19.4	29.0



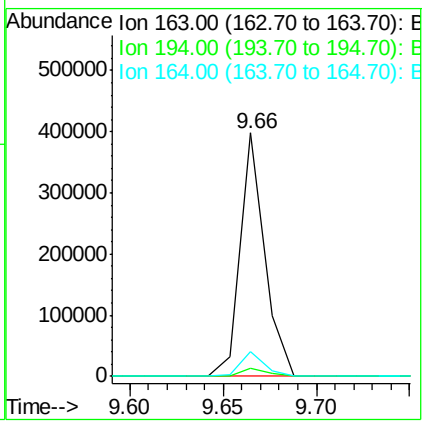


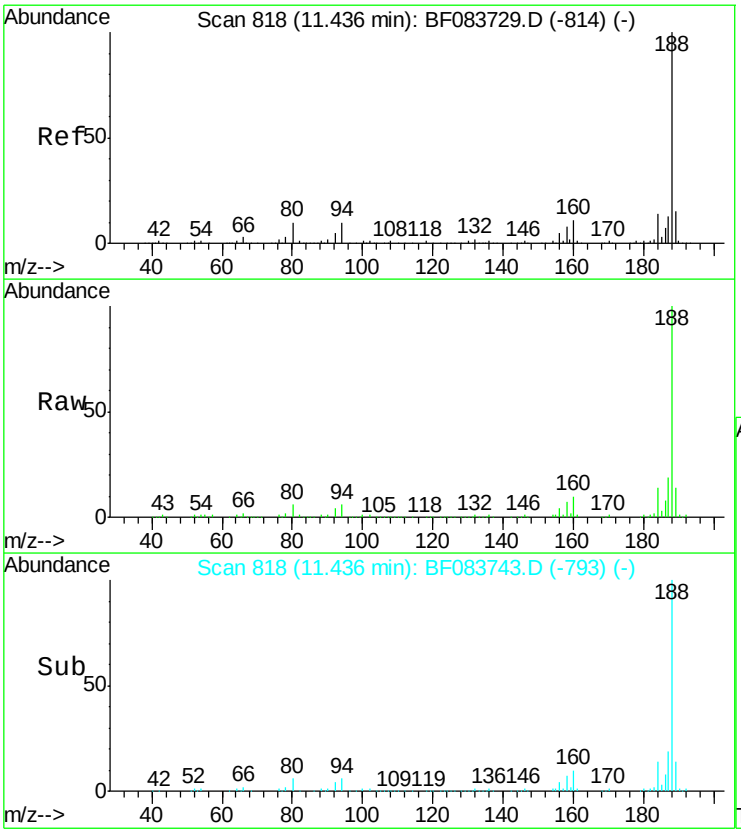
#49
Dimethylphthalate
Concen: 20.99 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
DUP-X

Tgt Ion:163 Resp: 363892

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.3	8.6	13.0

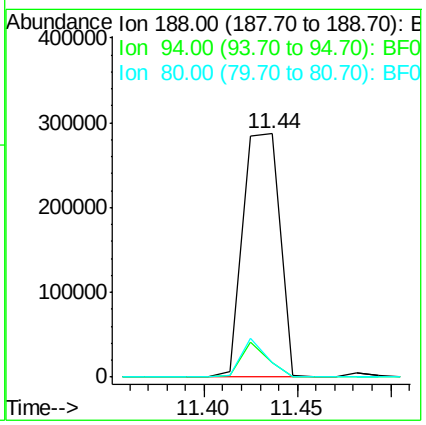


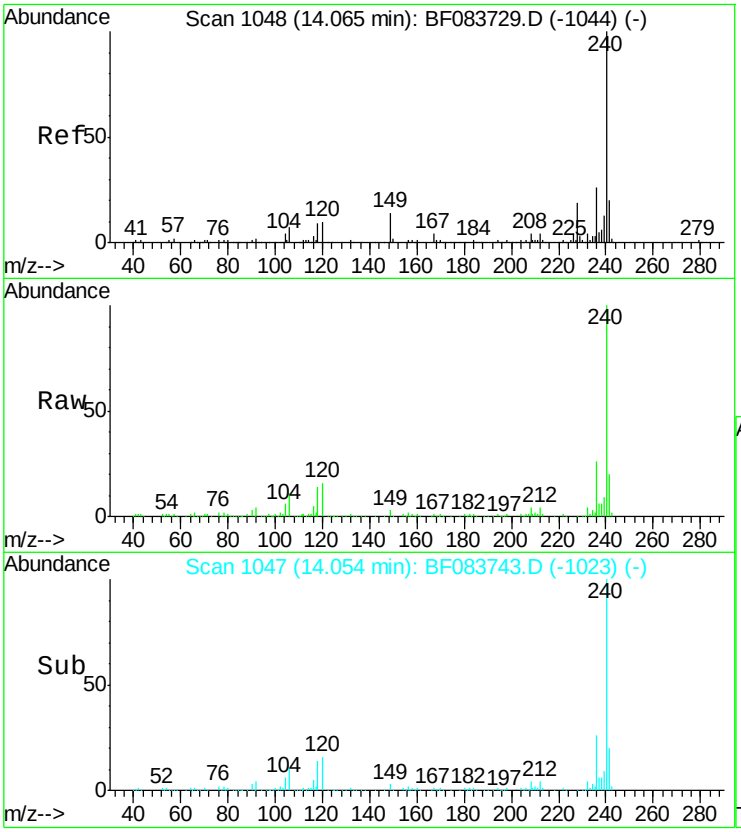


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:188 Resp: 398502

Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.4	14.2#
80	6.1	10.6	16.0#



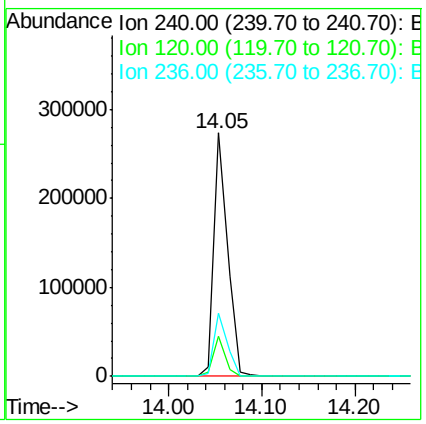


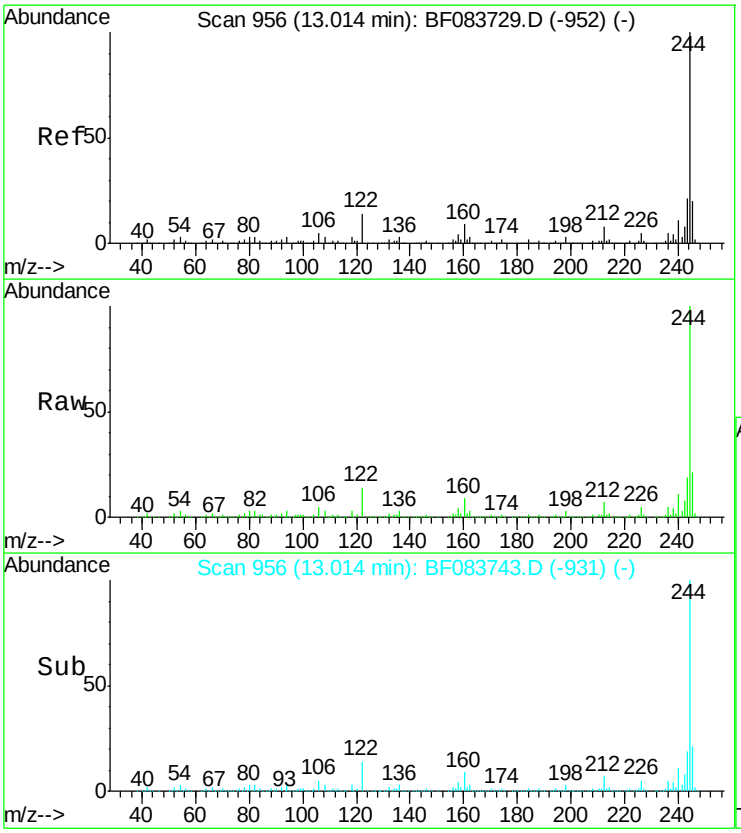
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
DUP-X

Tgt Ion:240 Resp: 279489

Ion	Ratio	Lower	Upper
240	100		
120	16.4	8.1	12.1#
236	26.2	20.8	31.2

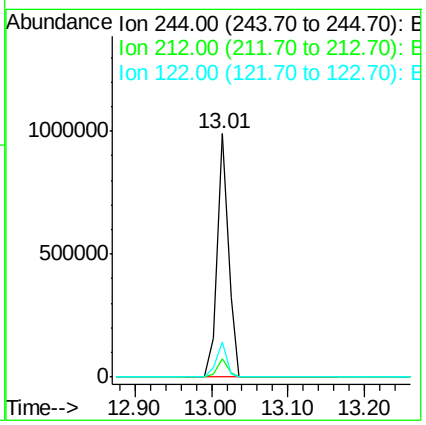


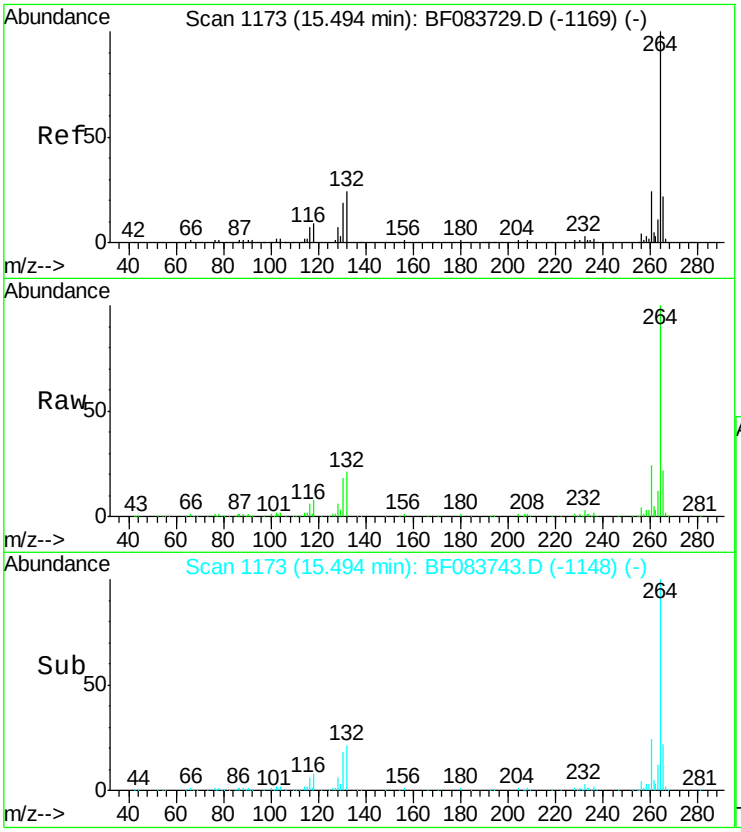


#78
Terphenyl-d14
Concen: 78.17 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:244 Resp: 1015613

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	14.2	11.0	16.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
DUP-X

Tgt Ion:264 Resp: 234063

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.7	17.8	26.6