Quantitation Report (QT/LSC Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083125.D
Acq On : 21 Nov 2015 22:00
Operator : UM/IZ
Sample : PB86810BL
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86810BL

Quant Time: Nov 22 09:36:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	192438	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	730954	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	372626	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	727670	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	670838	20.00	ng	-0.02
86) Perylene-d12	15.15	264	582168	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	187646	14.74	ng	-0.01
7) Phenol-d6	6.32	99	280380	17.02	ng	-0.02
23) Nitrobenzene-d5	7.22	82	160955	10.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	47031	12.34	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	296446	11.09	ng	-0.01
78) Terphenyl-d14	12.74	244	299564	10.52	ng	-0.02
Target Compounds						Qvalue

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

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ALS Vial : 95 Sample Multiplier: 1

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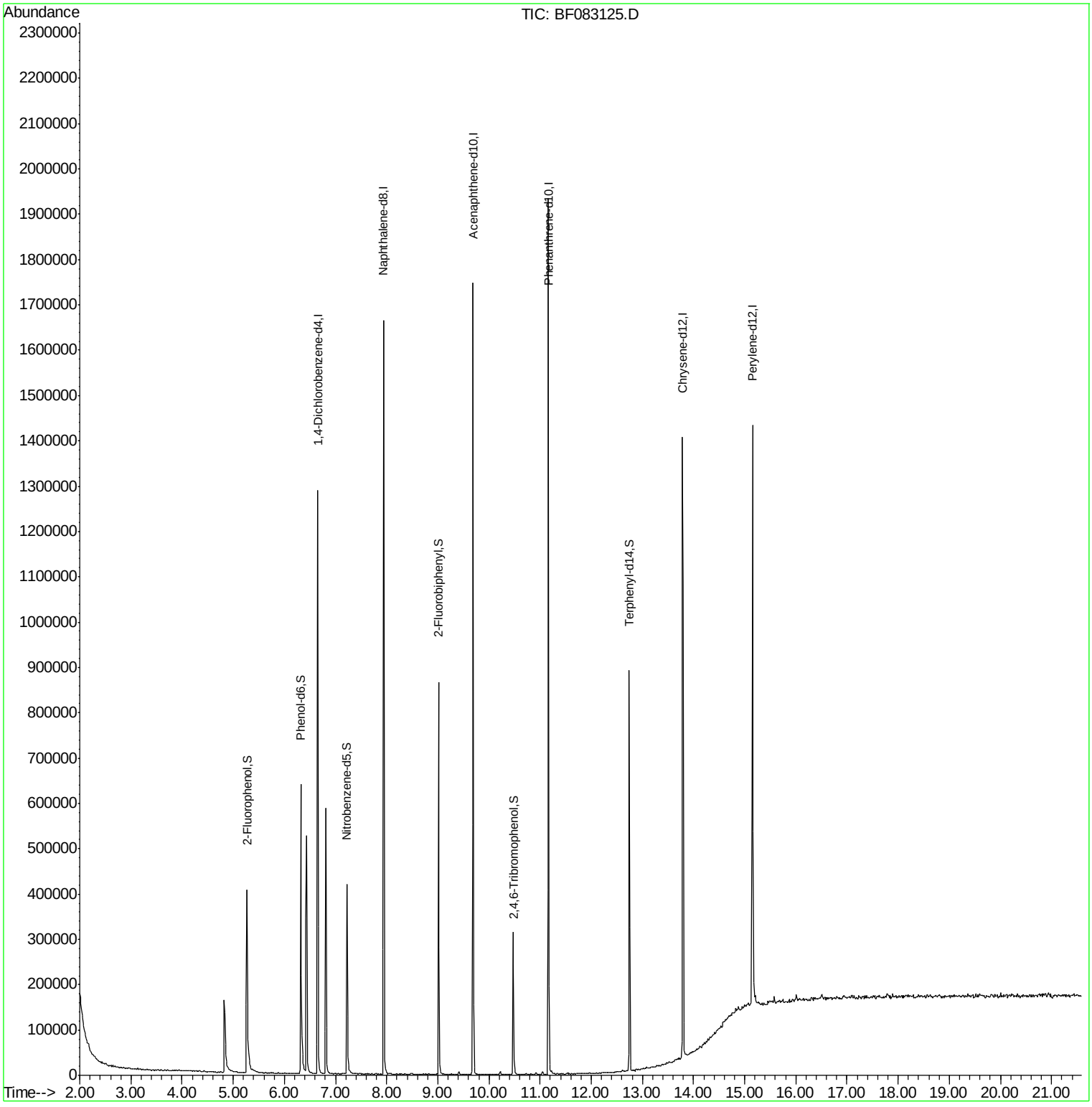
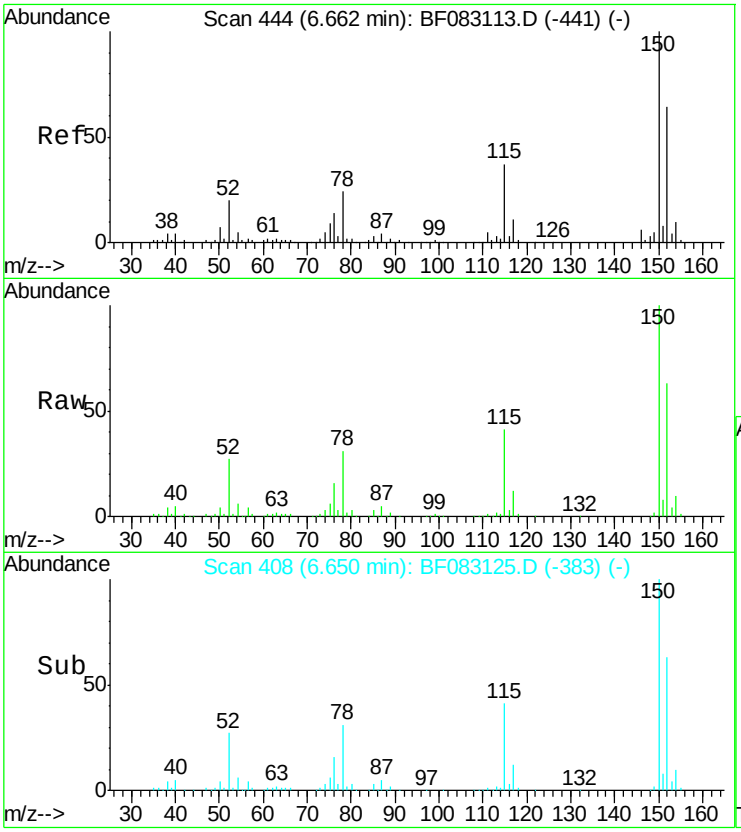


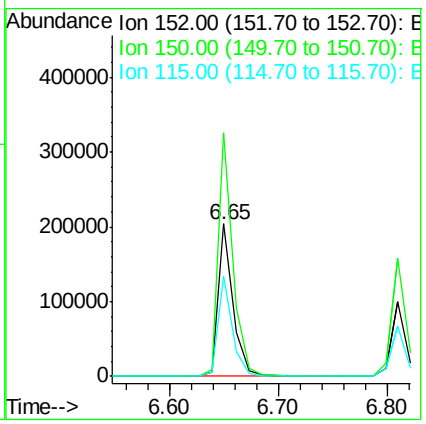


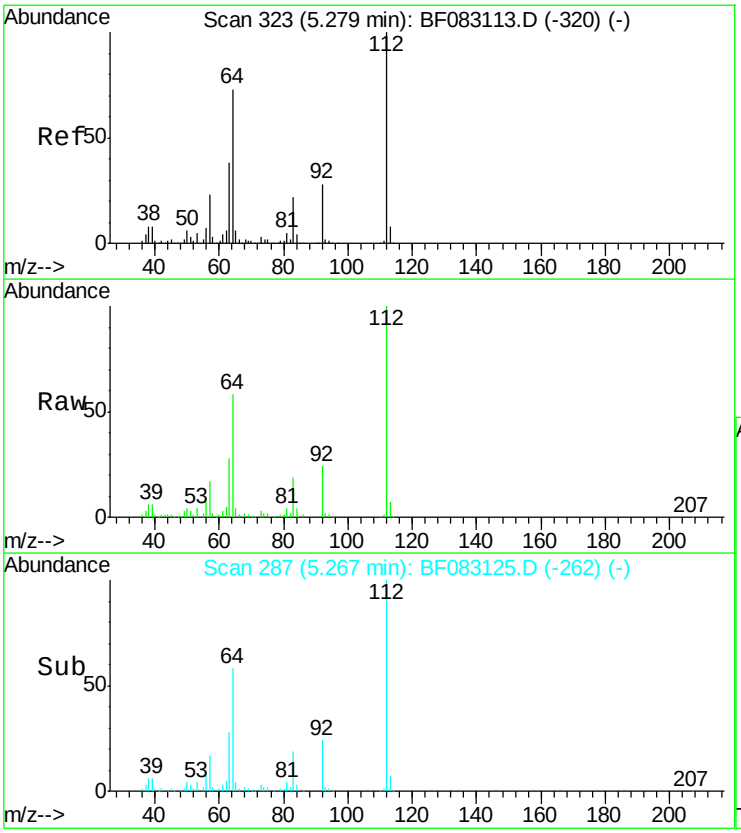
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

Instrument :
BNA_F
ClientSampleId :
PB86810BL

Tgt Ion:152 Resp: 192438

Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.8	188.8
115	65.8	46.9	70.3

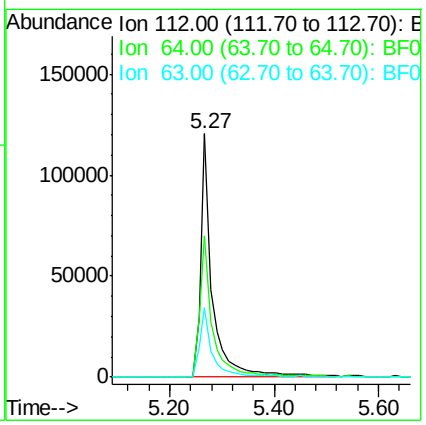


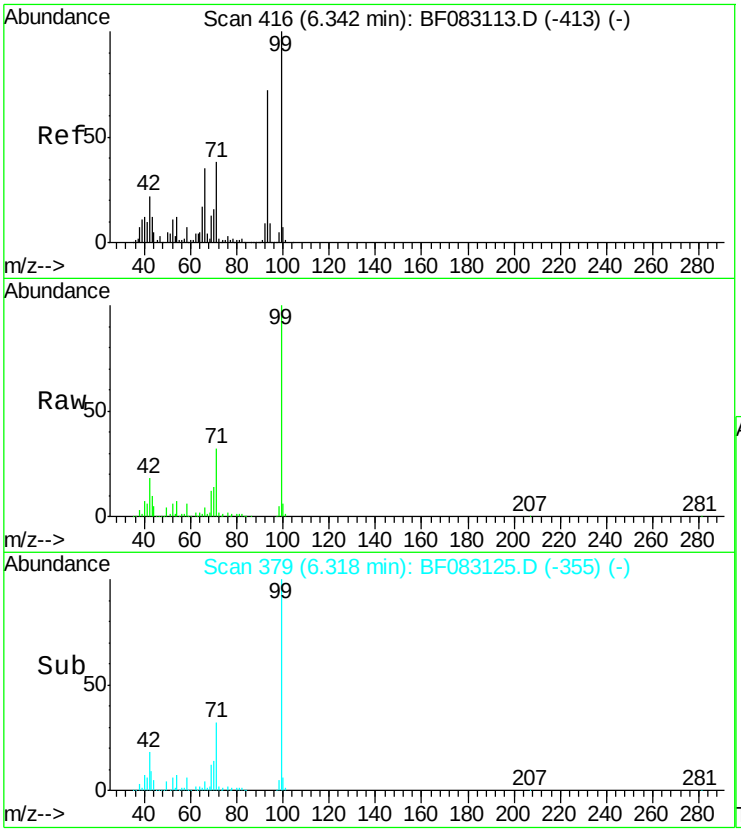


#5
2-Fluorophenol
Concen: 14.74 ng
RT: 5.27 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

Tgt Ion:112 Resp: 187646

Ion	Ratio	Lower	Upper
112	100		
64	57.9	58.4	87.6#
63	28.5	30.0	45.0#



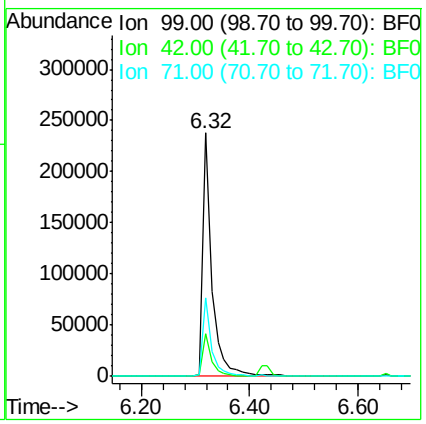


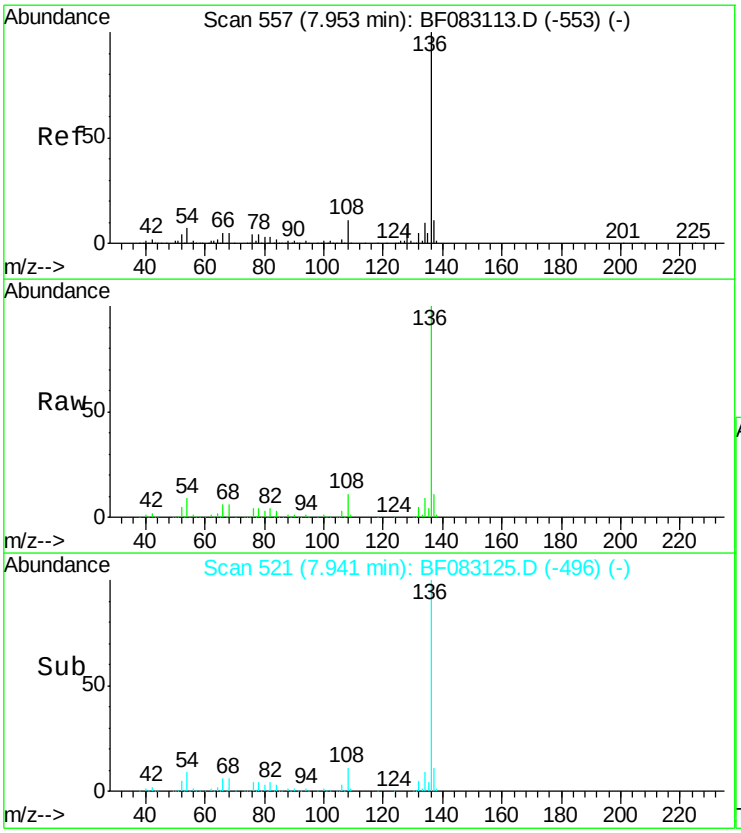
#7
Phenol-d6
Concen: 17.02 ng
RT: 6.32 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

Instrument :
BNA_F
ClientSampleId :
PB86810BL

Tgt Ion: 99 Resp: 280380

Ion	Ratio	Lower	Upper
99	100		
42	17.6	17.7	26.5#
71	32.2	30.2	45.4

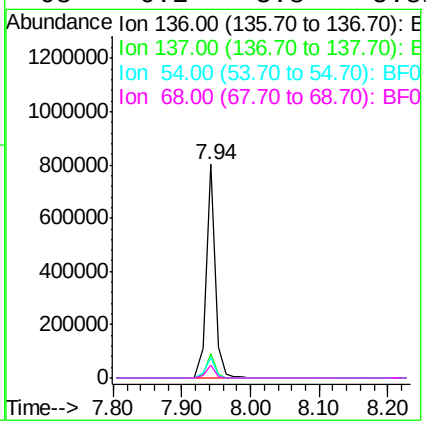


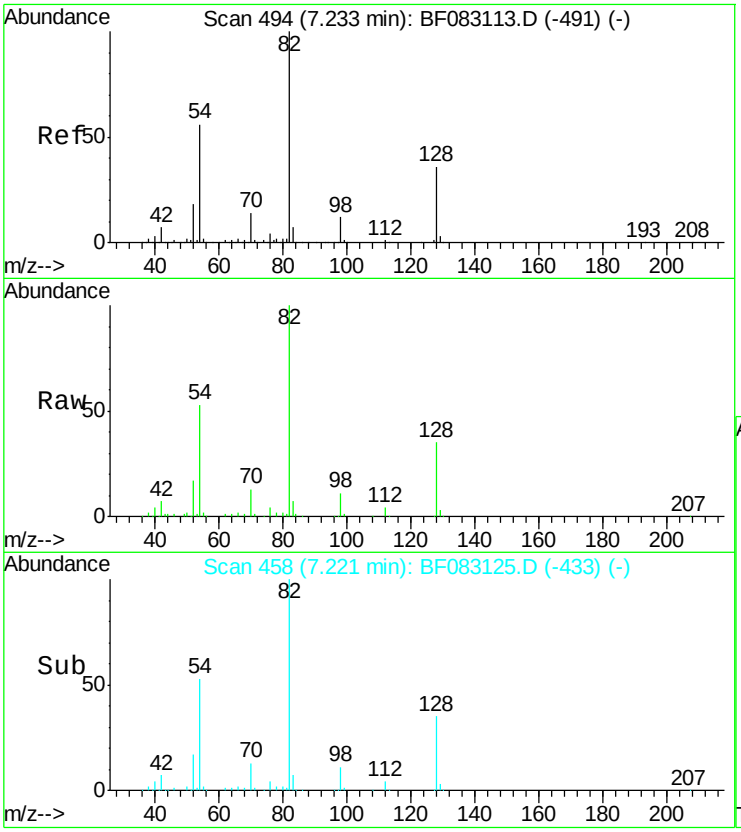


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

Tgt Ion:136 Resp: 730954

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.3	5.8	8.6#
68	6.2	3.8	5.8#



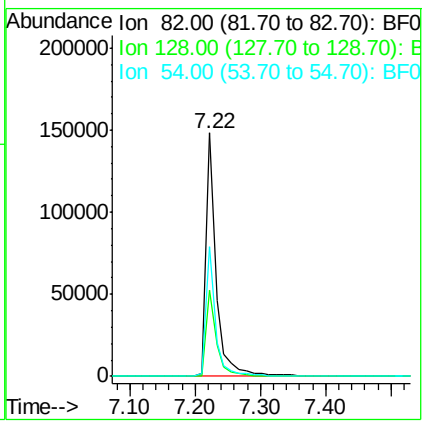


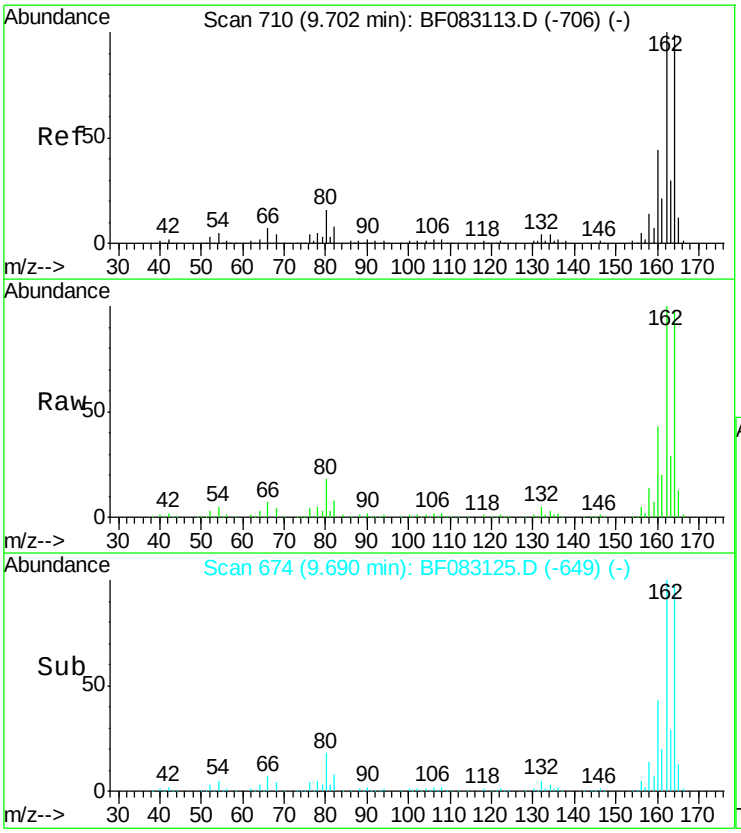
#23
Nitrobenzene-d5
Concen: 10.06 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

Instrument :
BNA_F
ClientSampleId :
PB86810BL

Tgt Ion: 82 Resp: 160955

Ion	Ratio	Lower	Upper
82	100		
128	35.4	28.5	42.7
54	53.3	44.6	67.0

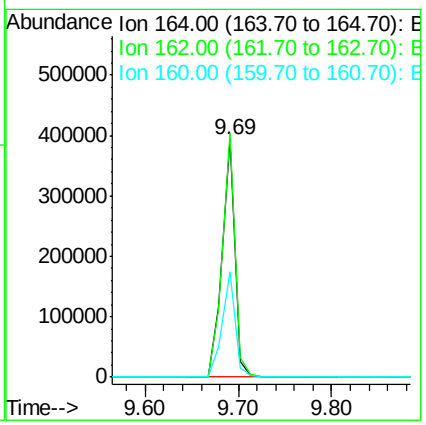


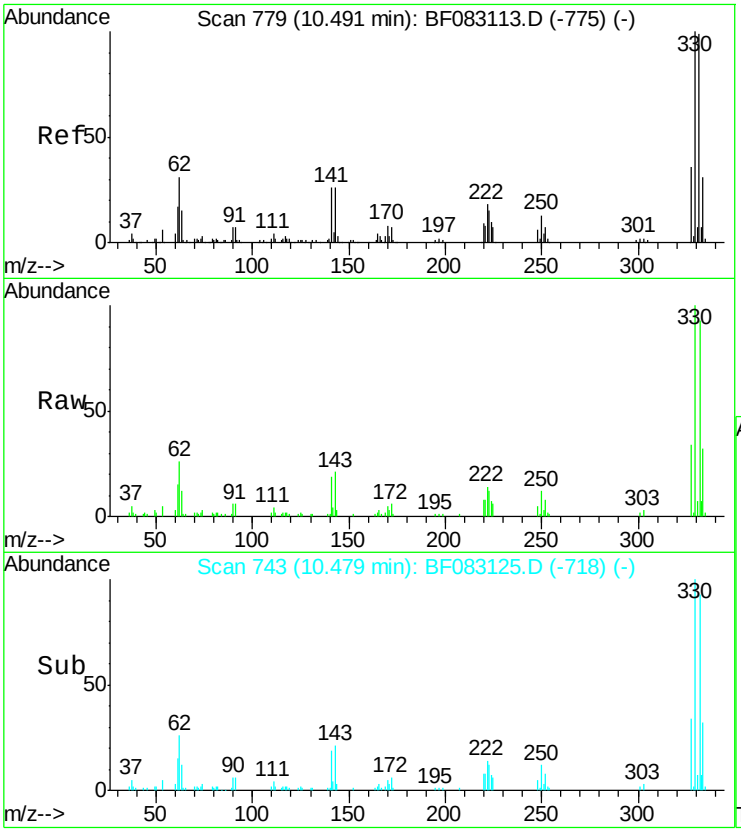


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

Tgt Ion:164 Resp: 372626

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.2	121.8
160	44.5	35.6	53.4



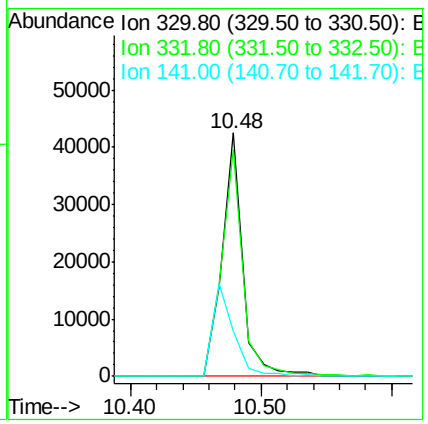


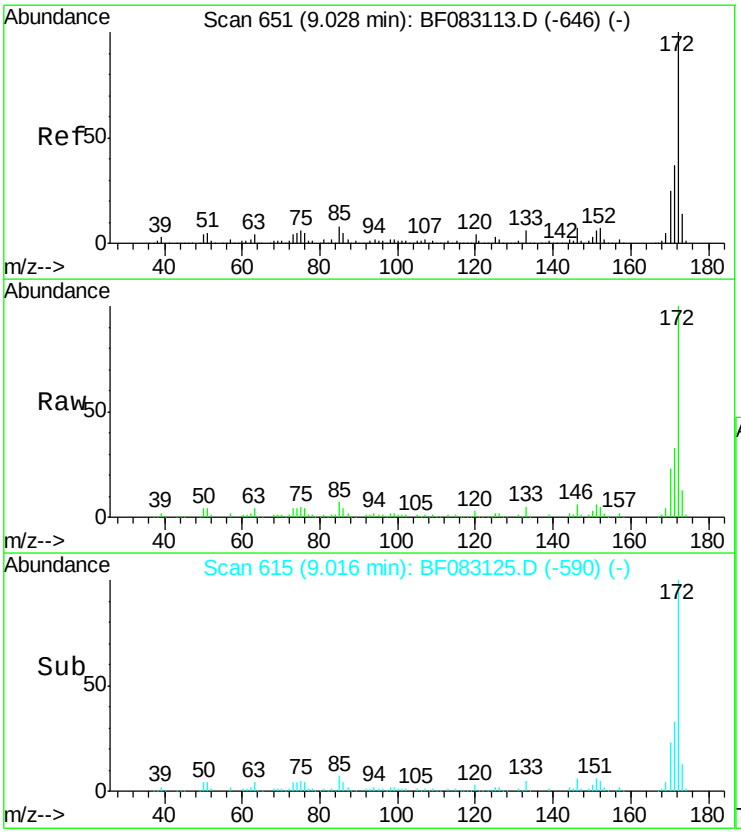
#41
2,4,6-Tribromophenol
Concen: 12.34 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

Instrument :
BNA_F
ClientSampleId :
PB86810BL

Tgt Ion:330 Resp: 47031

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	38.9	29.7	44.5

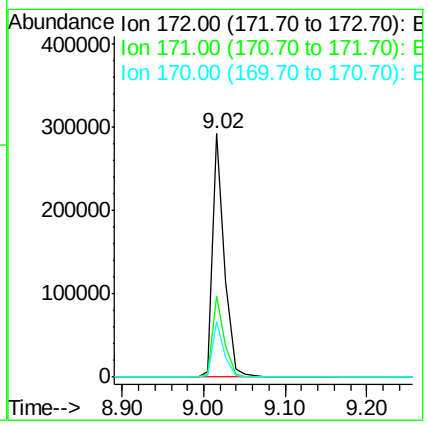


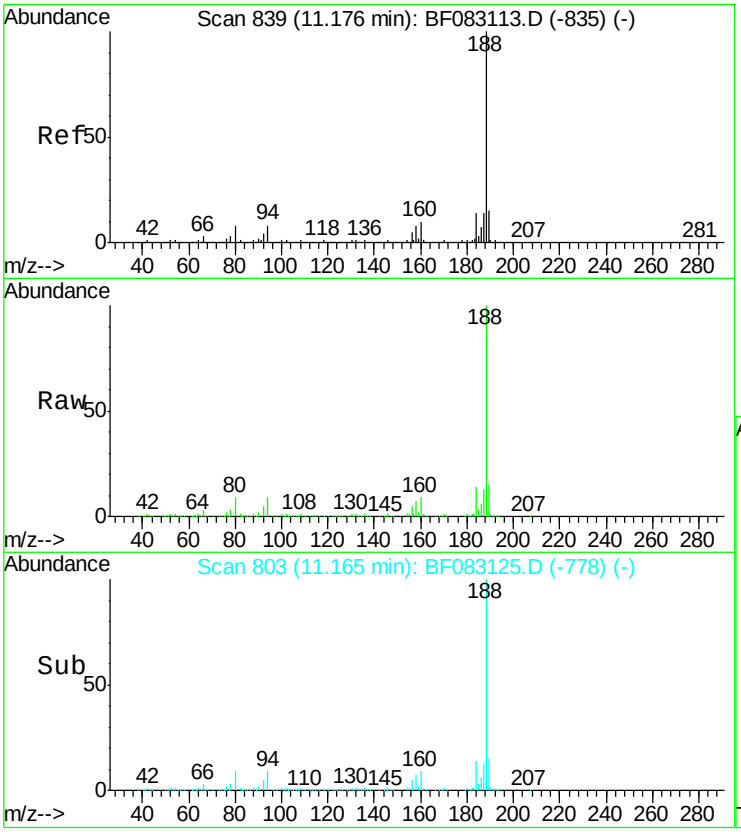


#44
2-Fluorobiphenyl
Concen: 11.09 ng
RT: 9.02 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

Tgt Ion:172 Resp: 296446

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.5	44.3
170	22.5	19.9	29.9



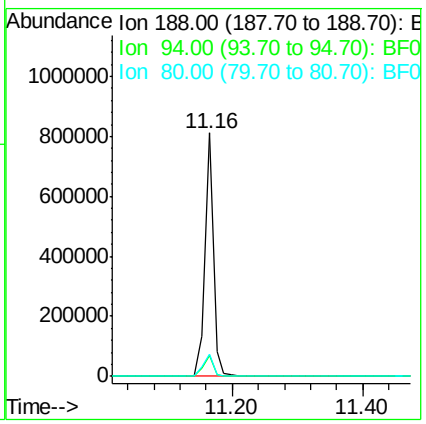


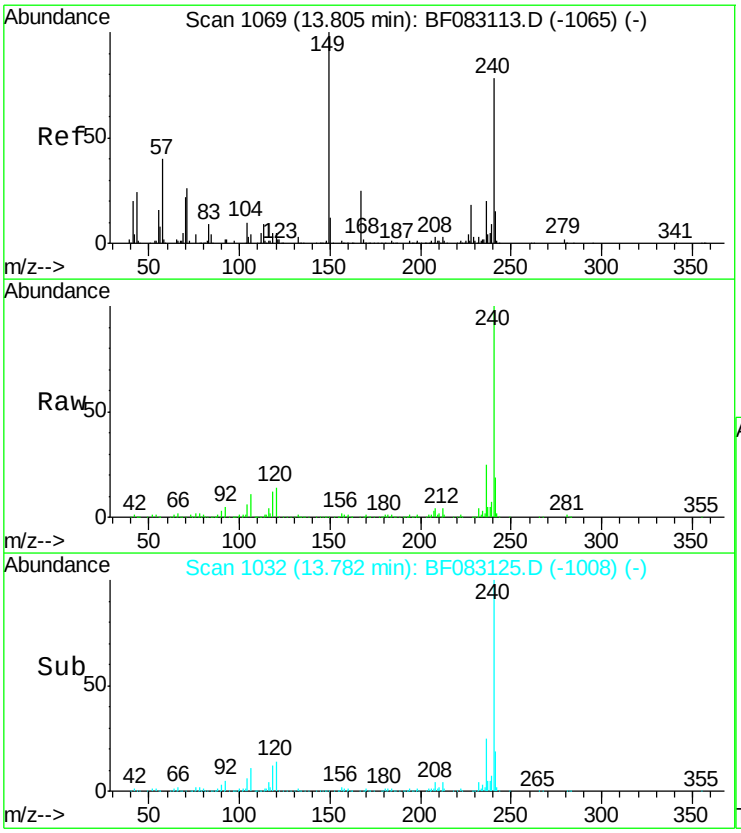
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

Instrument :
BNA_F
ClientSampleId :
PB86810BL

Tgt Ion:188 Resp: 727670

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.0	9.0
80	9.3	6.7	10.1

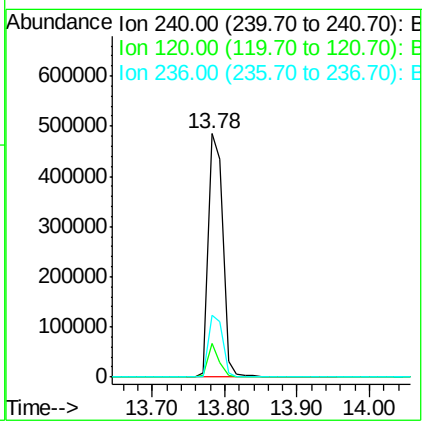


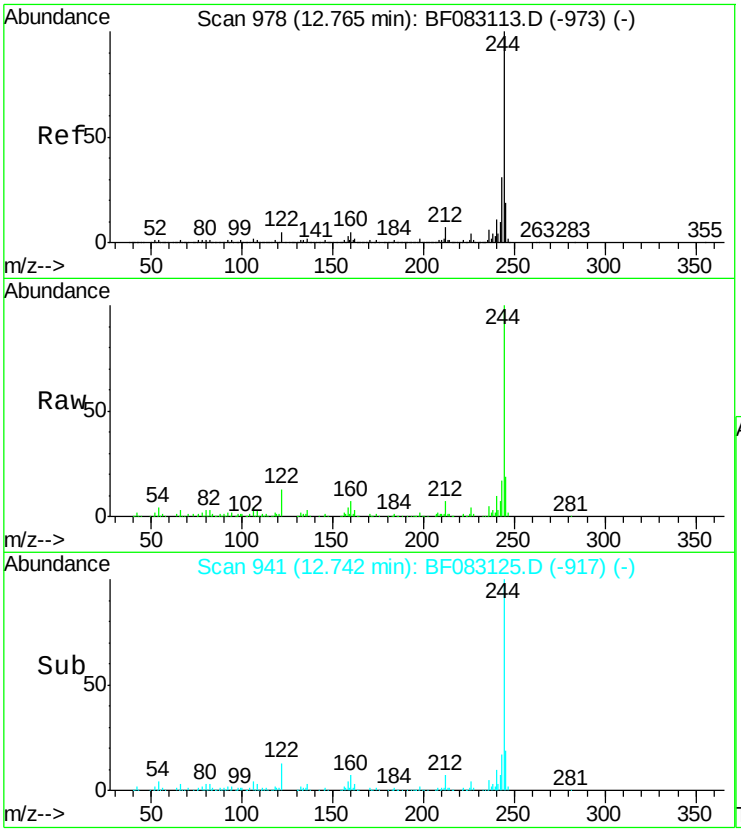


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

Tgt Ion:240 Resp: 670838

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.4	8.2#
236	25.4	20.6	31.0



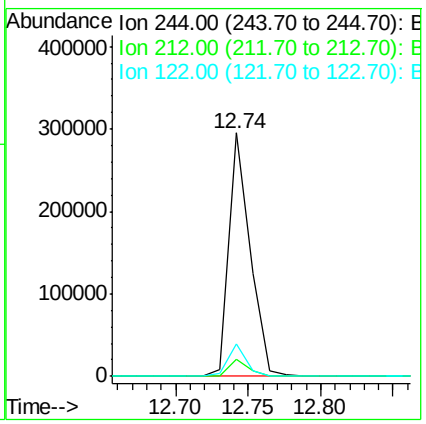


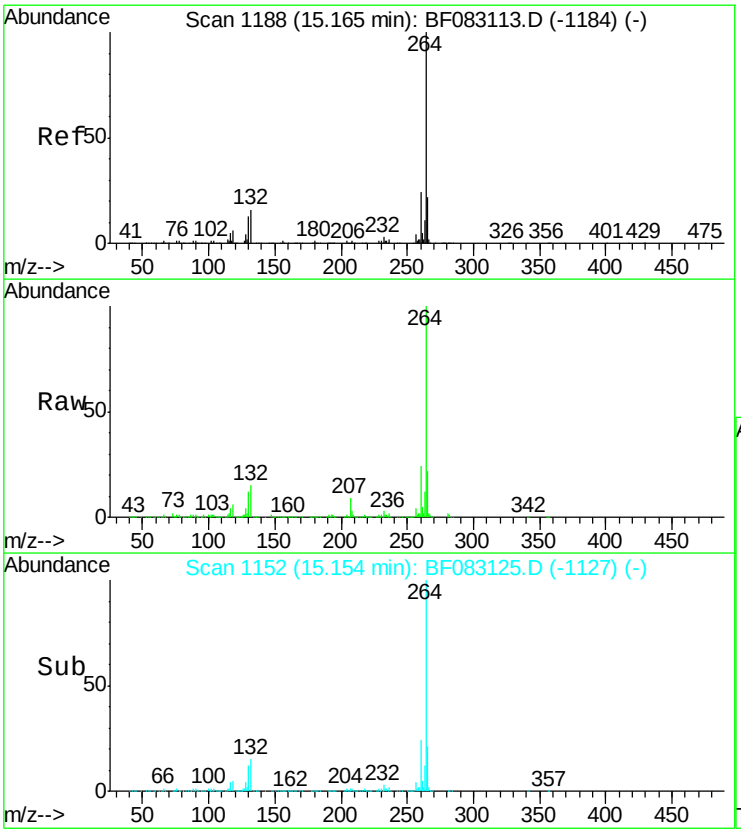
#78
Terphenyl-d14
Concen: 10.52 ng
RT: 12.74 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

Instrument :
BNA_F
ClientSampleId :
PB86810BL

Tgt Ion:244 Resp: 299564

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	13.4	4.3	6.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

Tgt Ion:264 Resp: 582168

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.7	18.2	27.4