Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083918.D
Acq On : 18 Dec 2015 17:40
Operator : UM/SJ
Sample : G4814-01 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9870

Quant Time: Dec 19 04:34:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63839	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	161021	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	124962	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	240388	20.00	ng	0.00
75) Chrysene-d12	14.02	240	239133	20.00	ng	-0.01
86) Perylene-d12	15.46	264	189313	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2239	0.55	ng	0.00
7) Phenol-d6	6.51	99	6254	1.25	ng	0.00
23) Nitrobenzene-d5	7.44	82	42324	15.00	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	641	0.47	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	3613	-1.00	ng	-0.02
78) Terphenyl-d14	12.97	244	5843	-6.15	ng	-0.01
Target Compounds						Qvalue

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

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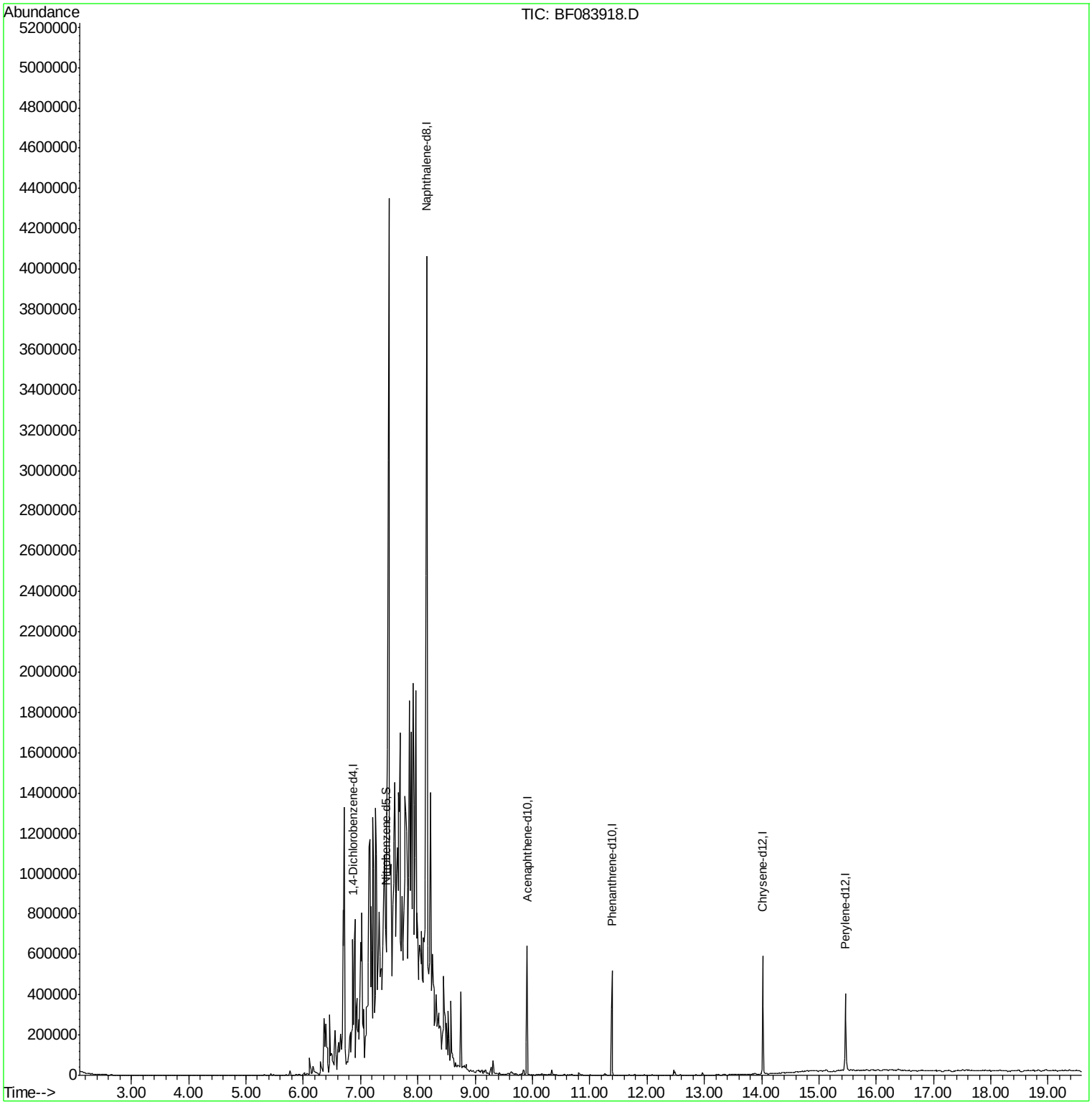
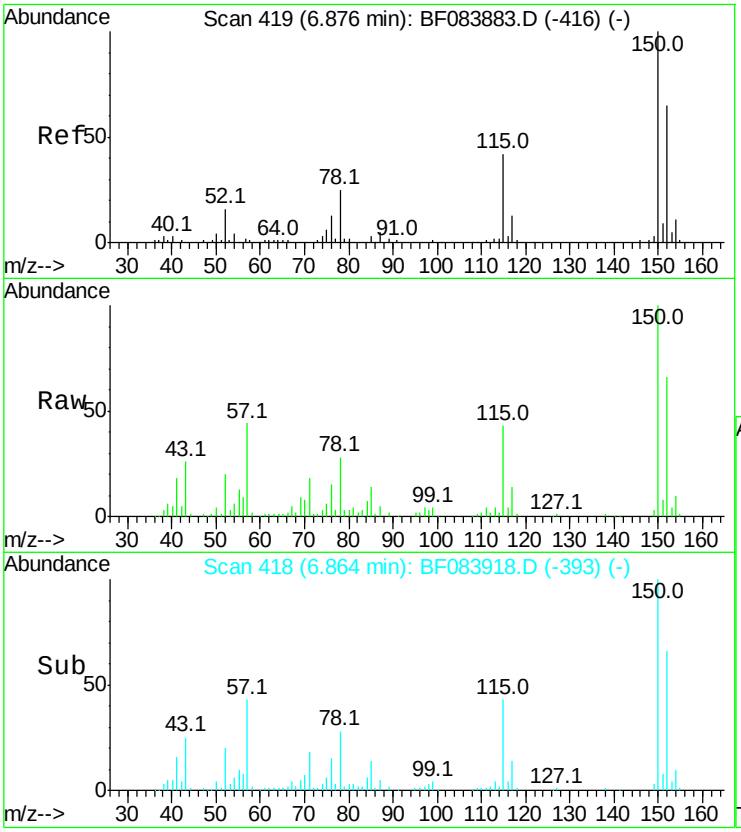


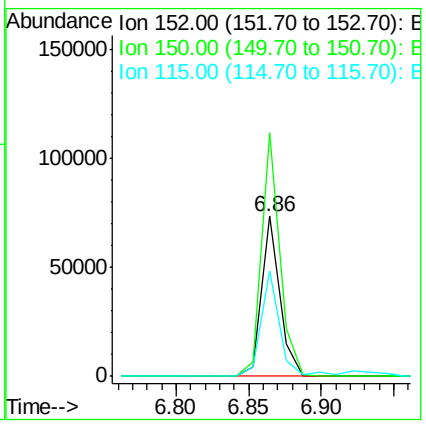


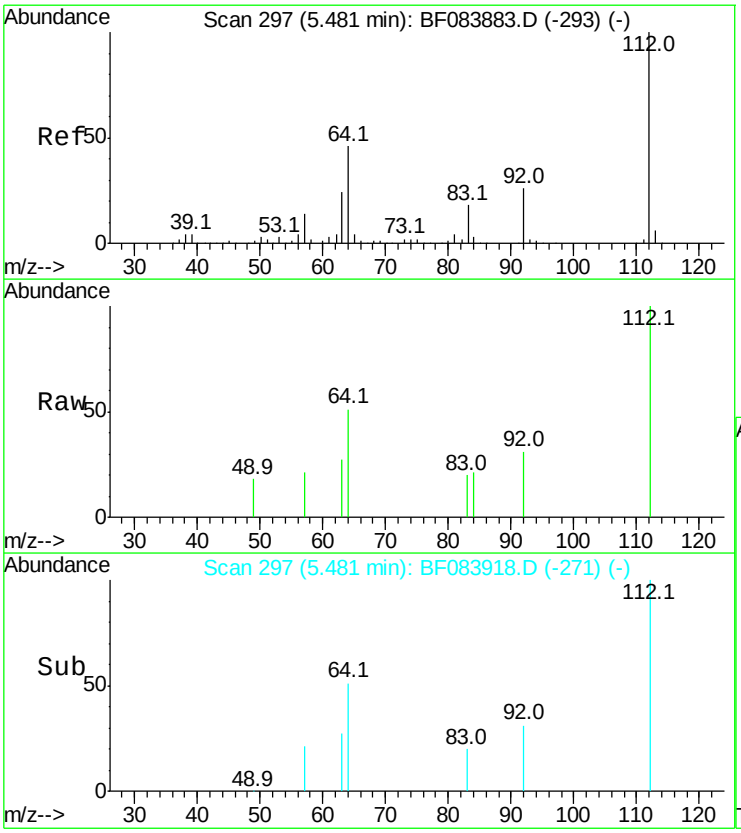
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion:152 Resp: 63839

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.0	184.4
115	65.7	51.4	77.2

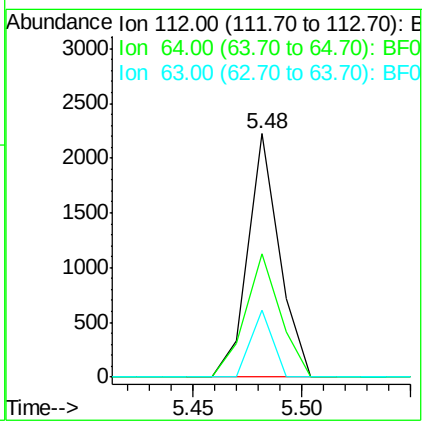


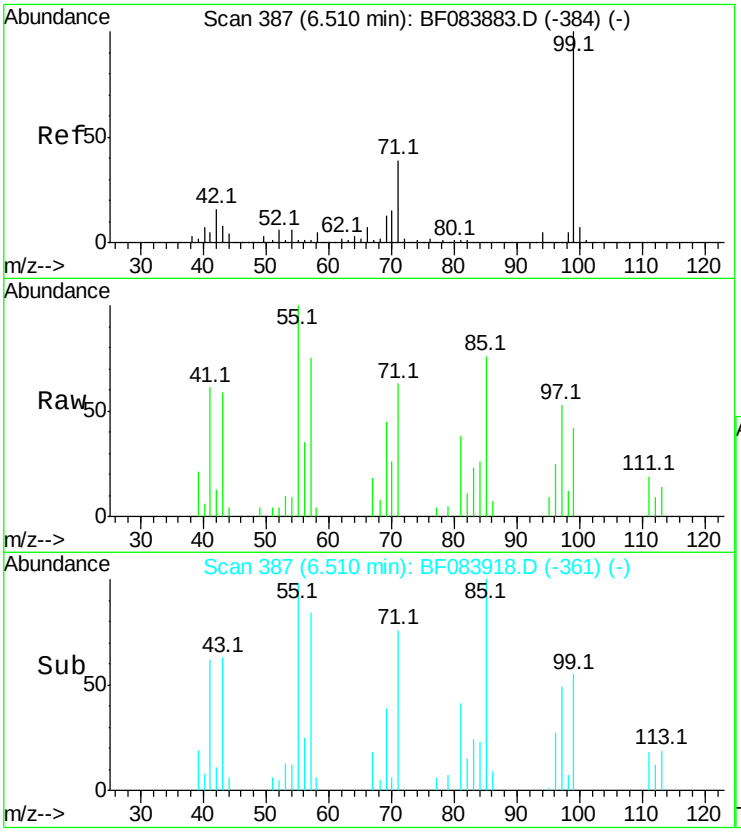


#5
2-Fluorophenol
Concen: 0.55 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:112 Resp: 2239

Ion	Ratio	Lower	Upper
112	100		
64	50.9	36.6	55.0
63	27.5	19.4	29.0



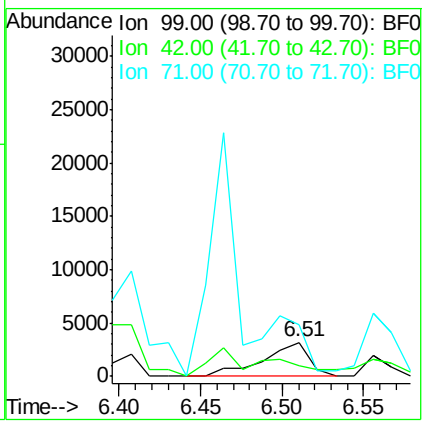


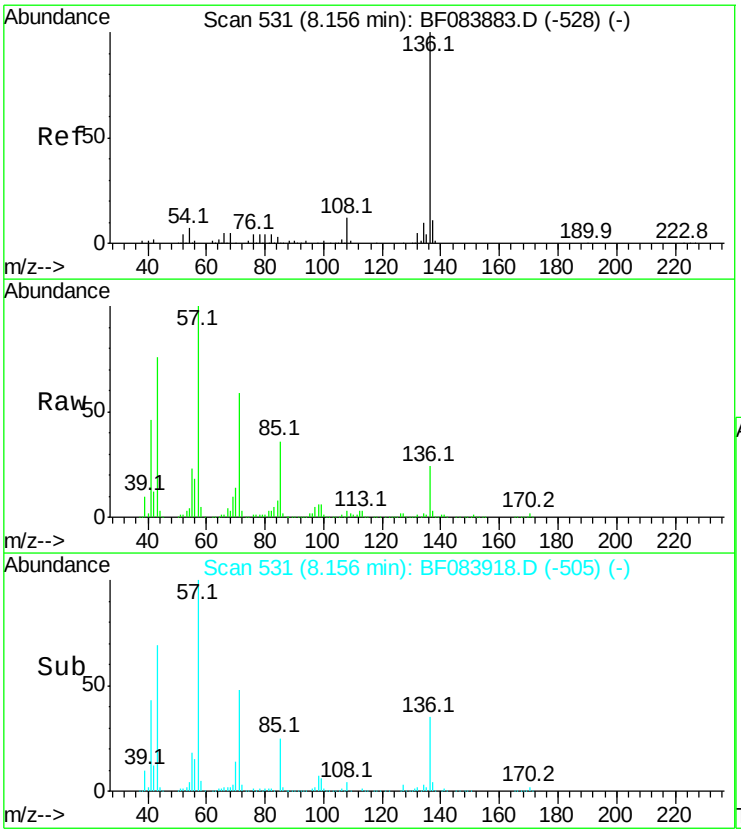
#7
Phenol-d6
Concen: 1.25 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion: 99 Resp: 6254

Ion	Ratio	Lower	Upper
99	100		
42	30.8	12.8	19.2#
71	150.3	30.9	46.3#

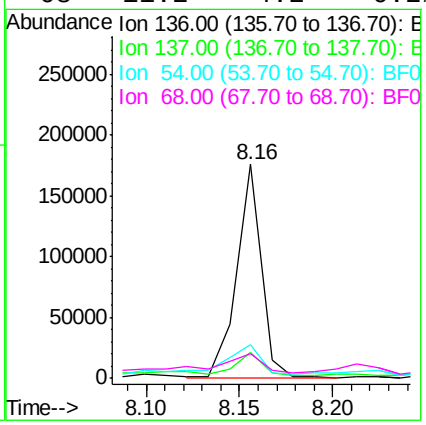


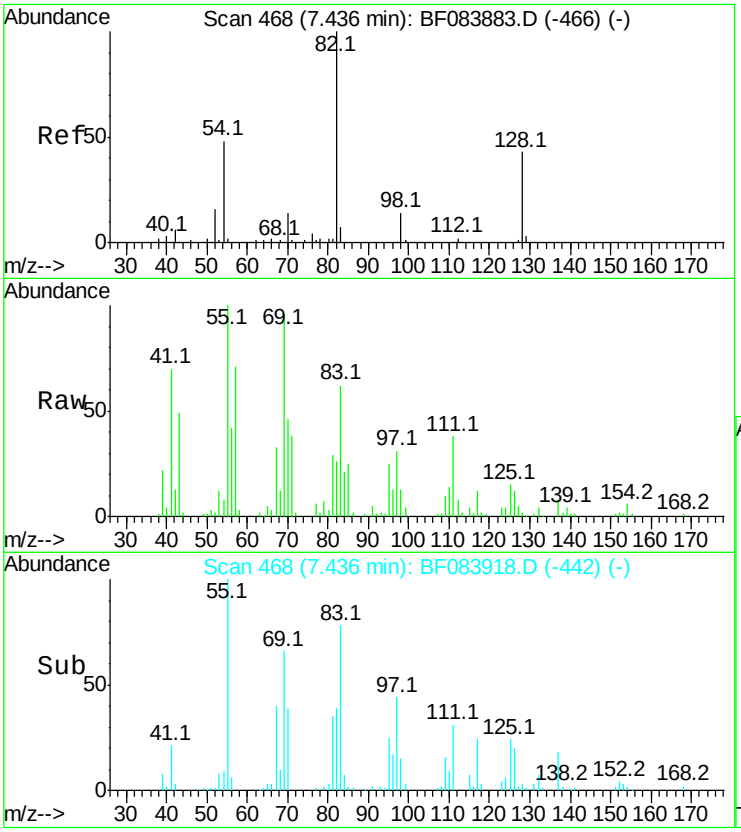


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:136 Resp: 161021

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	15.6	5.8	8.8#
68	11.2	4.2	6.2#



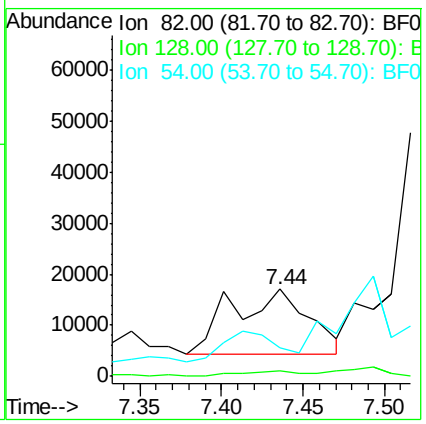


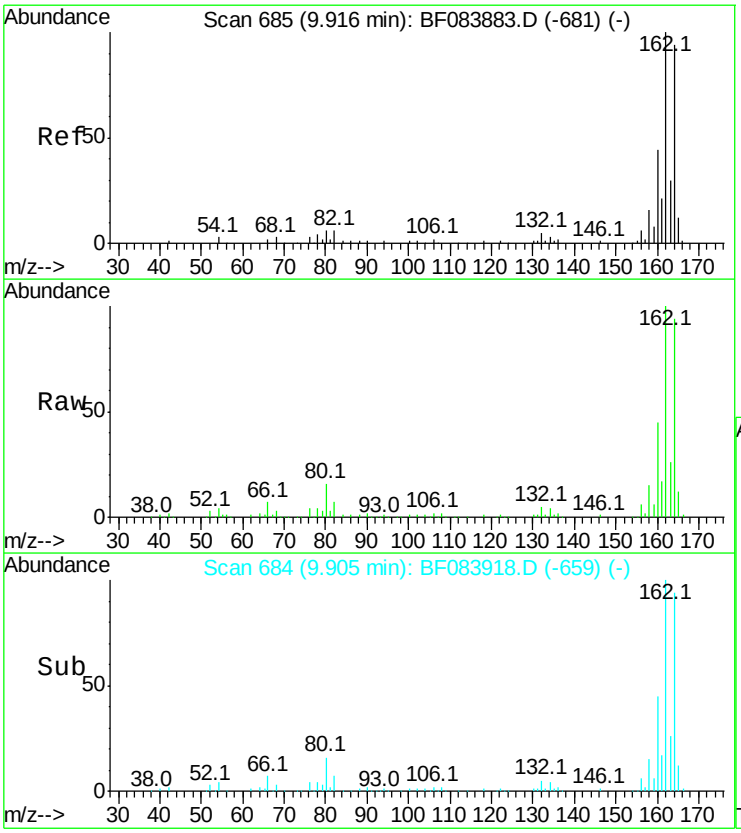
#23
Nitrobenzene-d5
Concen: 15.00 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion: 82 Resp: 42324

Ion	Ratio	Lower	Upper
82	100		
128	6.9	34.6	51.8#
54	32.6	38.4	57.6#

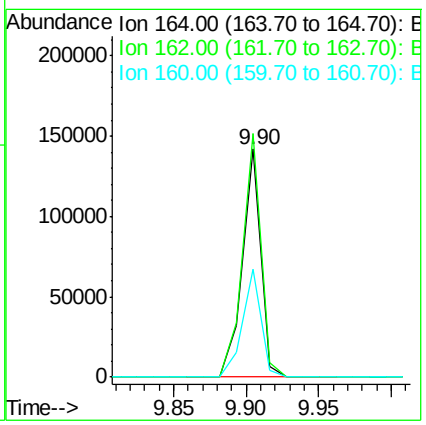


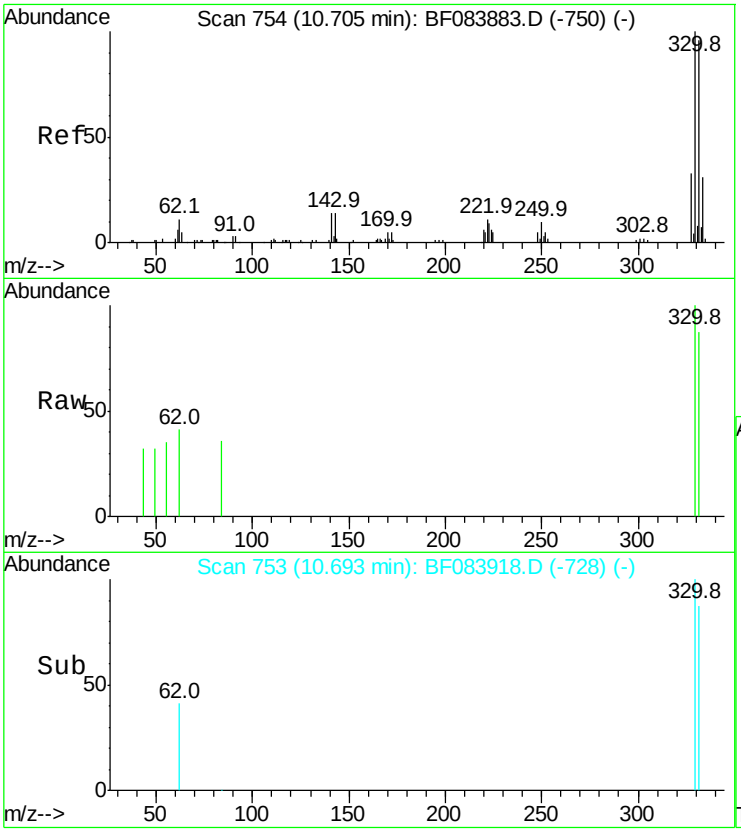


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:164 Resp: 124962

Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.1	127.7
160	47.6	37.5	56.3



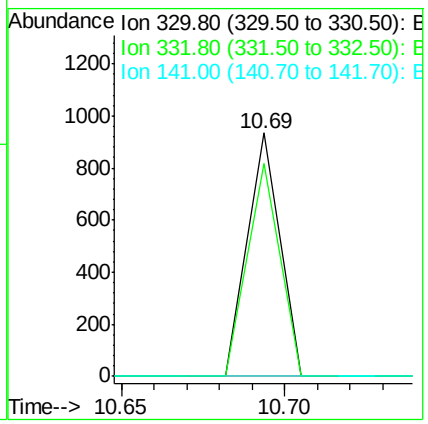


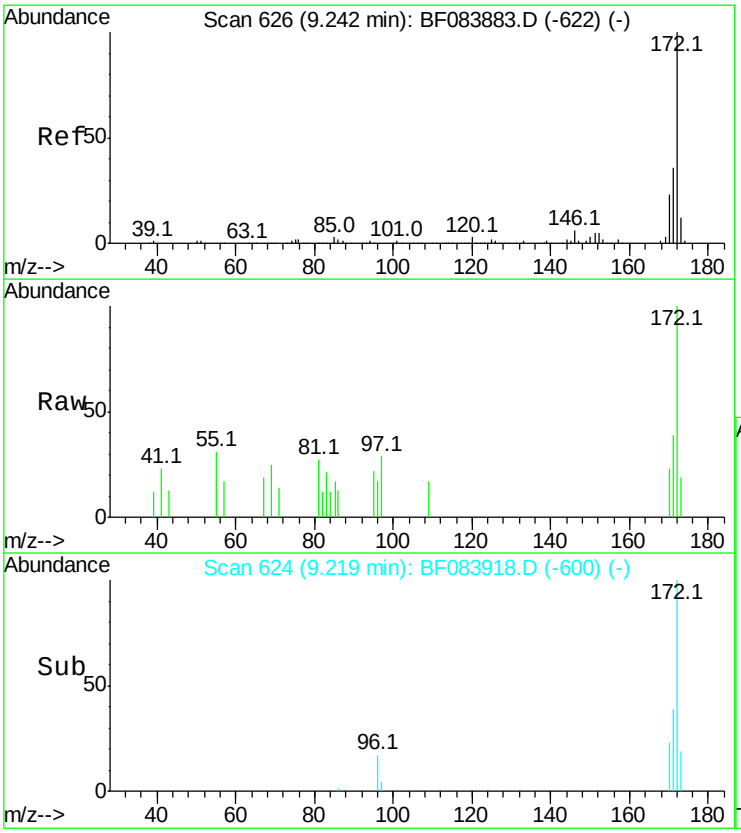
#41
2,4,6-Tribromophenol
Concen: 0.47 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion:330 Resp: 641

Ion	Ratio	Lower	Upper
330	100		
332	87.4	76.6	114.8
141	0.0	27.8	41.6#

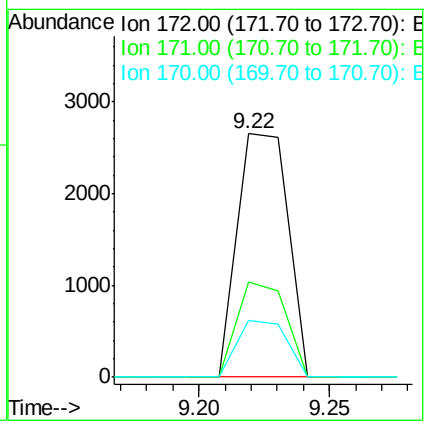


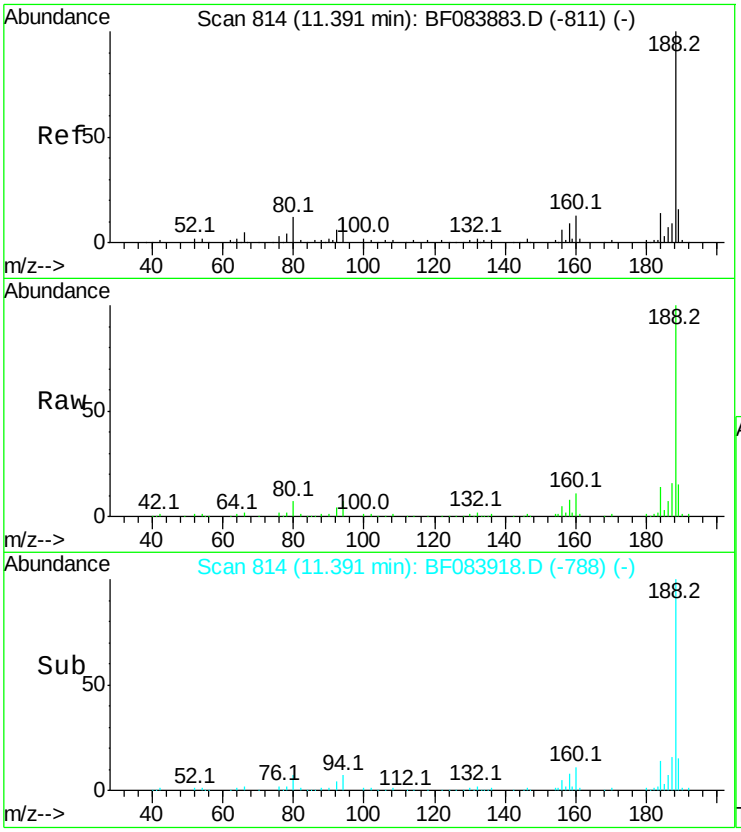


#44
2-Fluorobiphenyl
Concen: -1.00 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:172 Resp: 3613

Ion	Ratio	Lower	Upper
172	100		
171	39.0	28.9	43.3
170	23.3	18.6	27.8



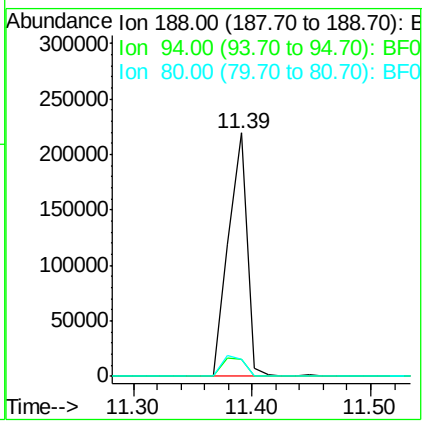


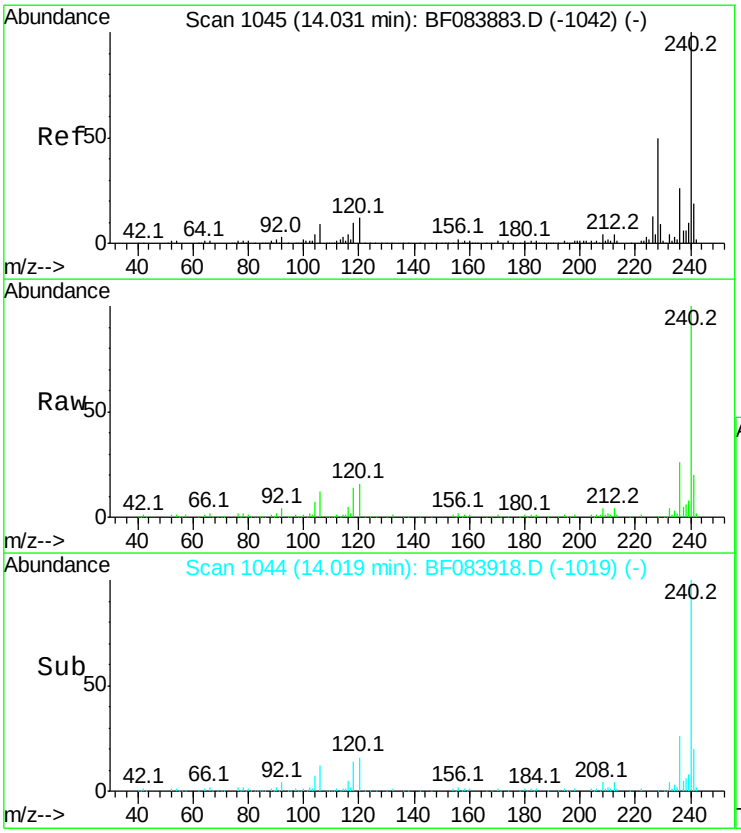
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion:188 Resp: 240388

Ion	Ratio	Lower	Upper
188	100		
94	6.8	9.0	13.4#
80	7.0	9.6	14.4#

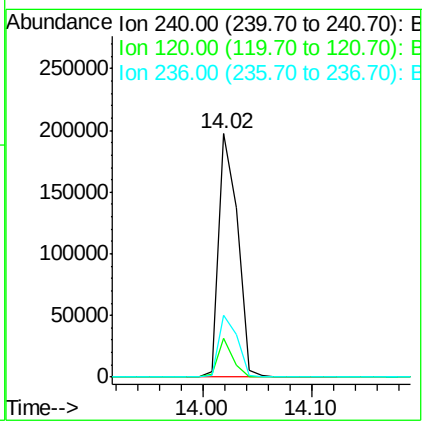


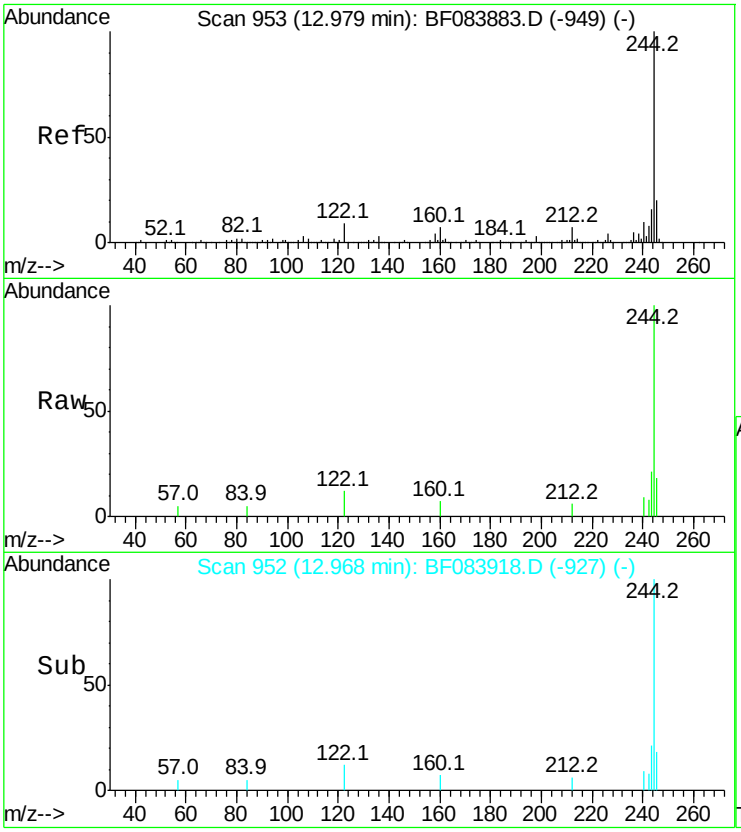


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:240 Resp: 239133

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	25.6	20.6	31.0



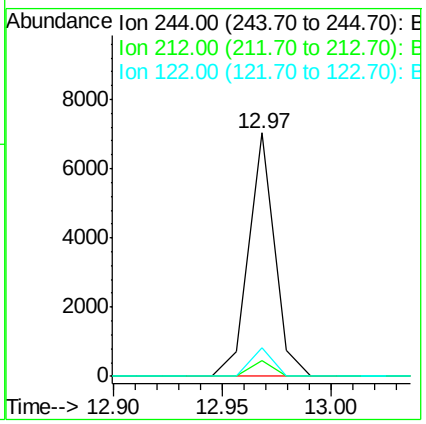


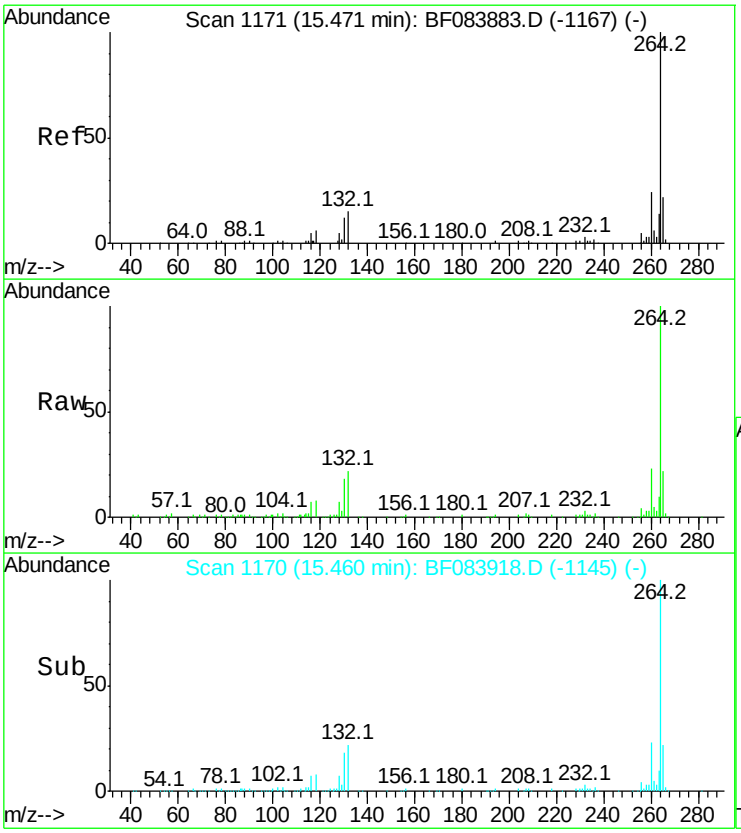
#78
Terphenyl-d14
Concen: -6.15 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion:244 Resp: 5843

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	11.6	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:264 Resp: 189313

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.6	17.8	26.6