Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082876.D
Acq On : 10 Nov 2015 18:20
Operator : UM/IZ
Sample : G4326-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151104MGP226BRV103

Quant Time: Nov 13 17:51:09 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 17:36:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	233492	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	880454	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	504327	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	890635	20.00	ng	0.00
75) Chrysene-d12	13.99	240	858379	20.00	ng	0.00
86) Perylene-d12	15.43	264	663224	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	780151	51.99	ng	0.00
7) Phenol-d6	6.45	99	733527	36.77	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1397370	69.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	525723	90.91	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	2239762	63.65	ng	0.00
78) Terphenyl-d14	12.93	244	2269813	62.72	ng	0.00
Target Compounds						Qvalue

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

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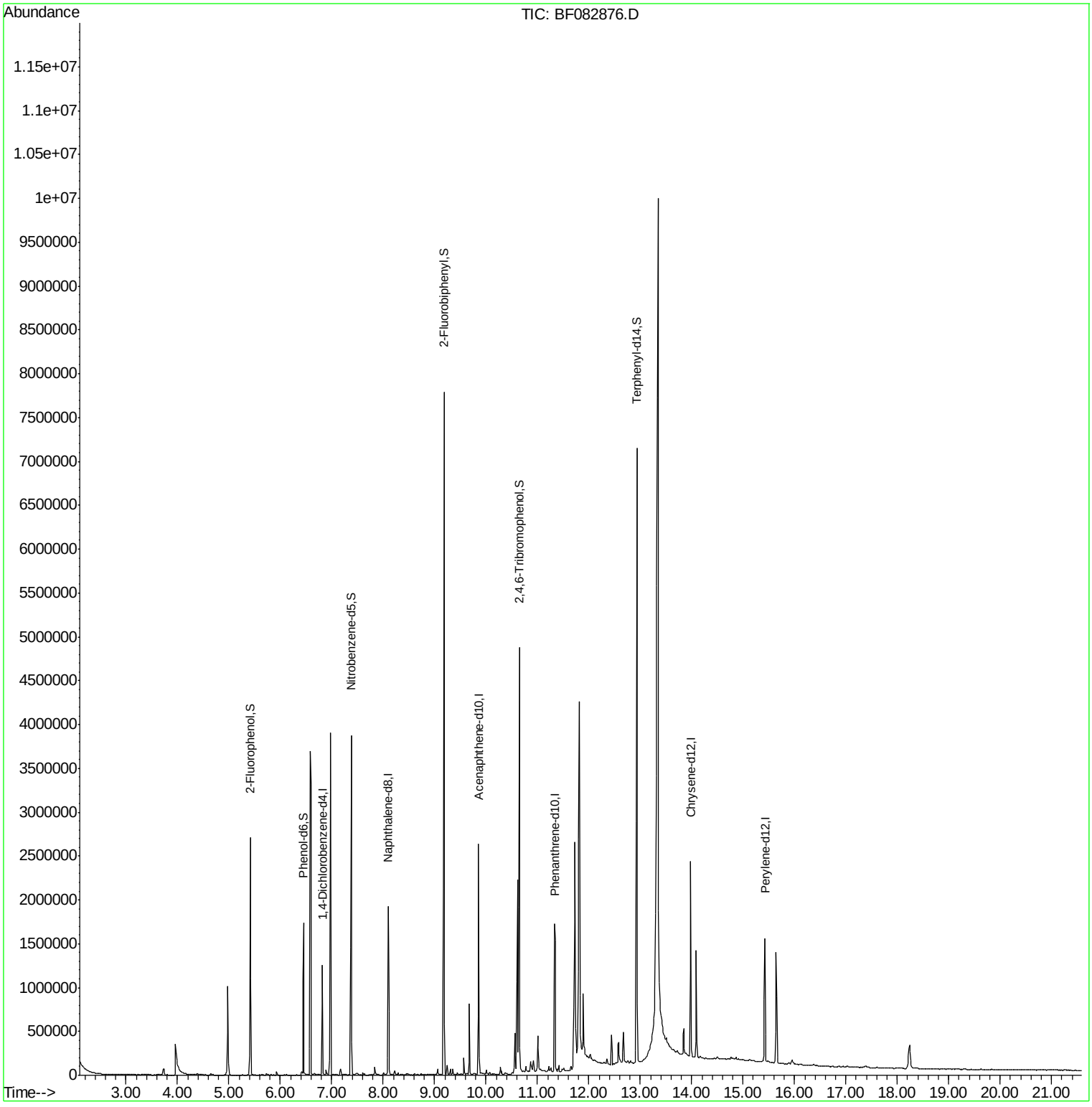
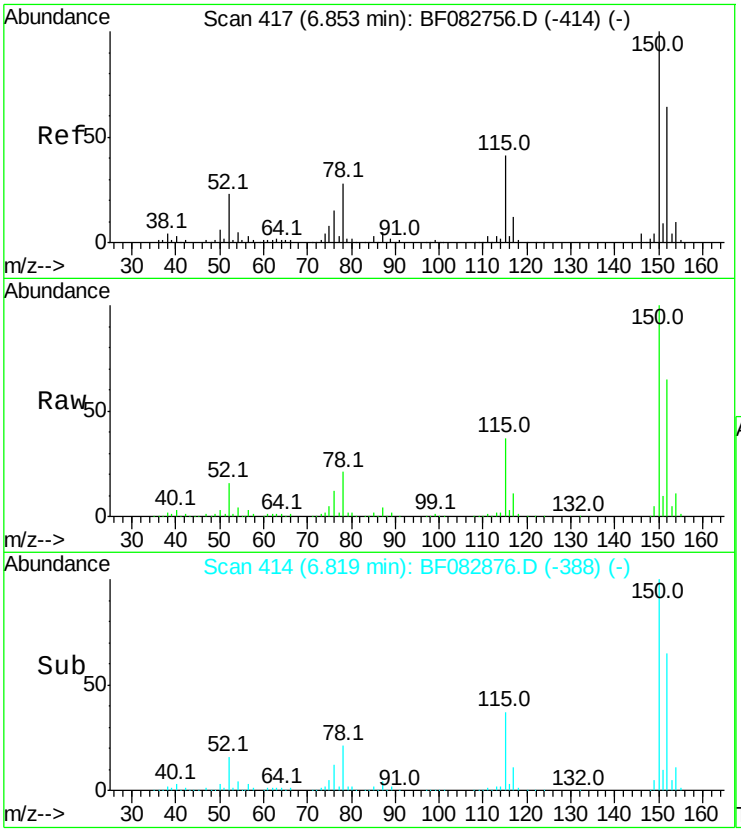


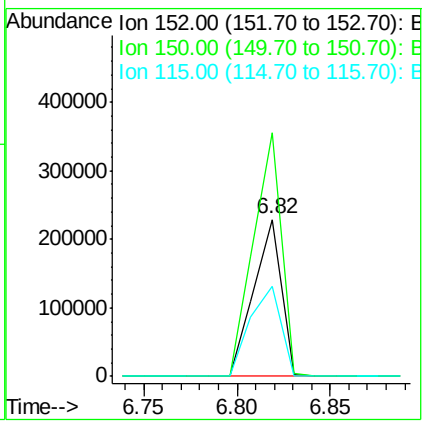


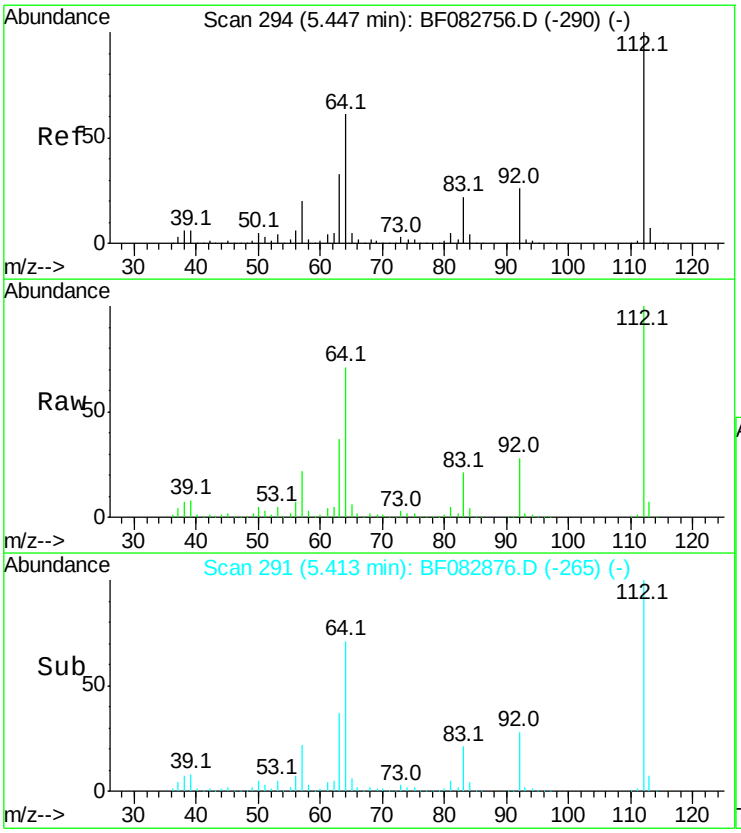
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Instrument :
BNA_F
ClientSampleId :
20151104MGP226BRV103

Tgt Ion:152 Resp: 233492

Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.0	190.4
115	57.6	47.0	70.6

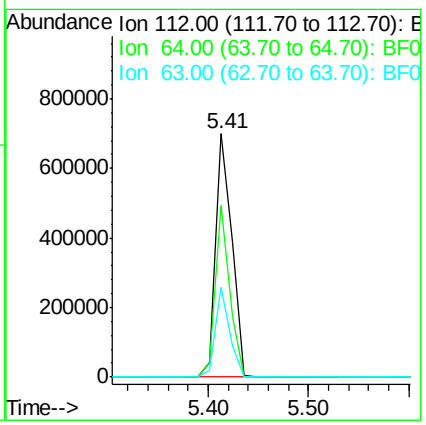


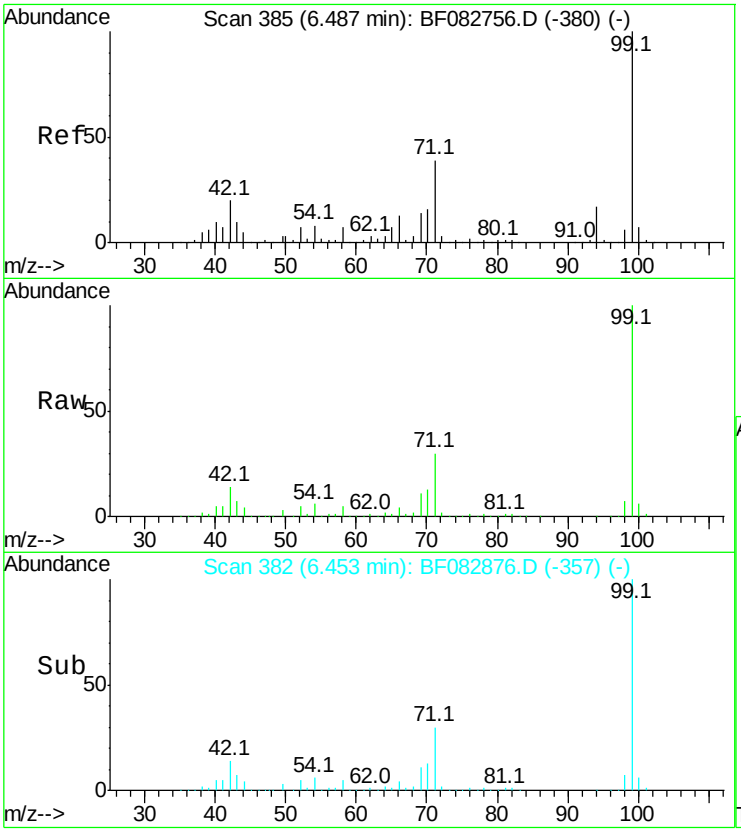


#5
2-Fluorophenol
Concen: 51.99 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Tgt Ion:112 Resp: 780151

Ion	Ratio	Lower	Upper
112	100		
64	70.8	48.9	73.3
63	36.7	28.1	42.1



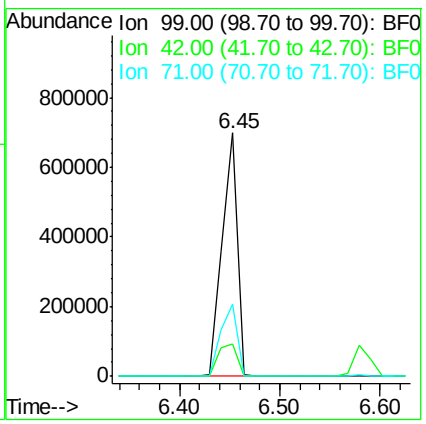


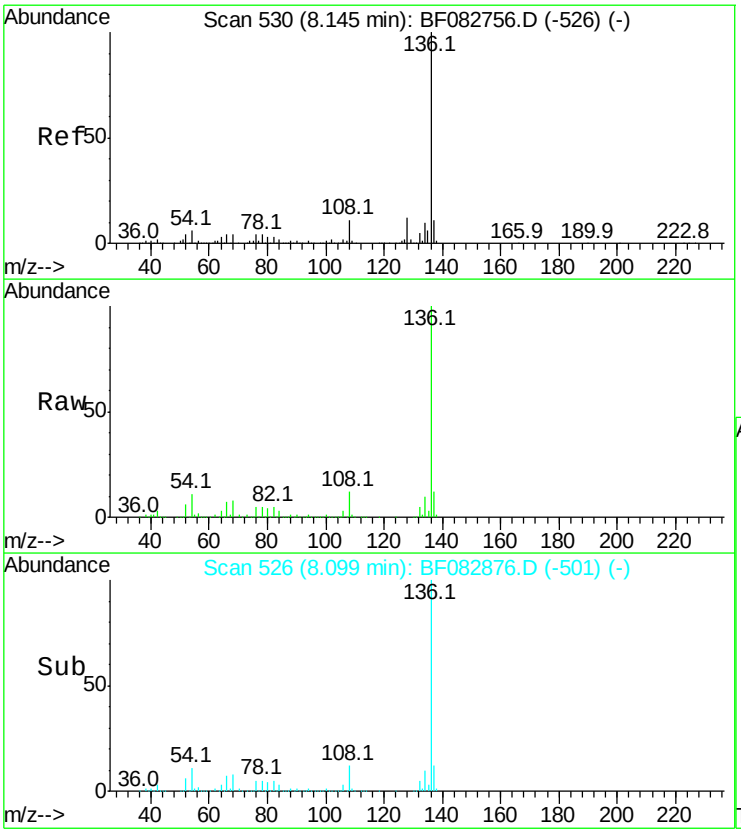
#7
Phenol-d6
Concen: 36.77 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Instrument :
BNA_F
ClientSampleId :
20151104MGP226BRV103

Tgt Ion: 99 Resp: 733527

Ion	Ratio	Lower	Upper
99	100		
42	13.5	19.2	28.8#
71	29.8	35.0	52.4#

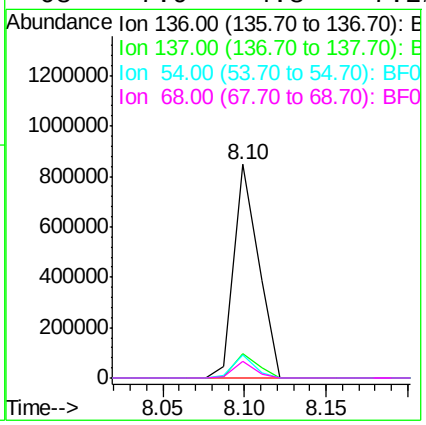


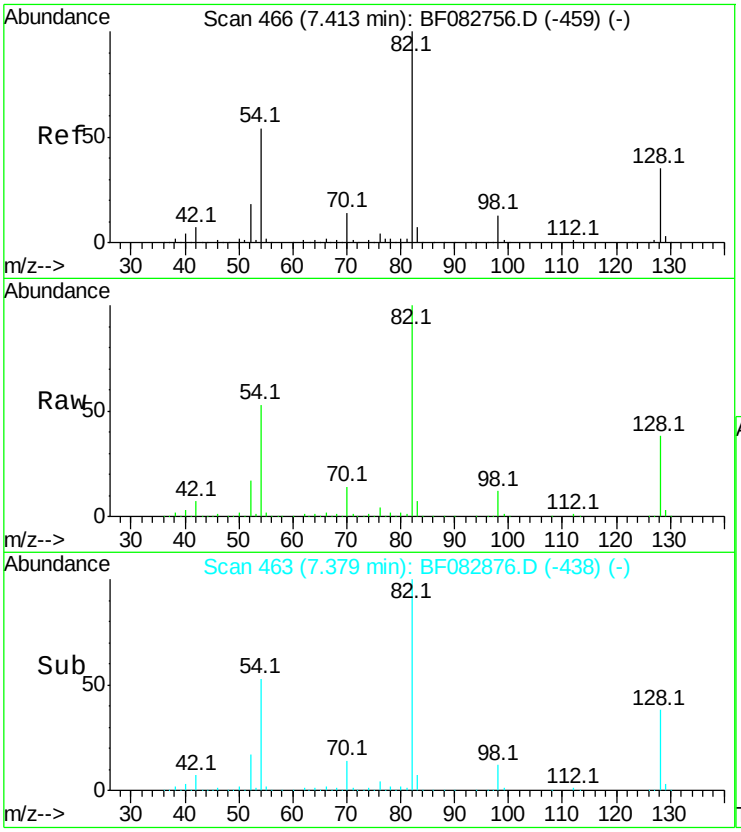


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Tgt Ion:136 Resp: 880454

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	11.1	9.1	13.7
68	7.9	4.8	7.2#



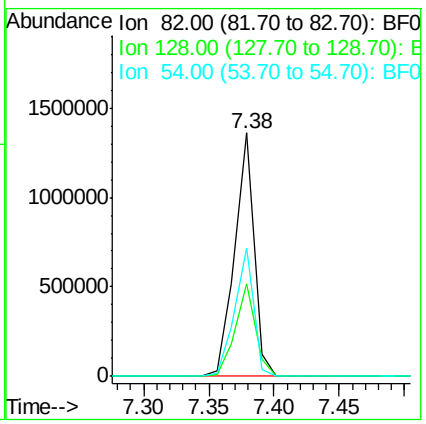


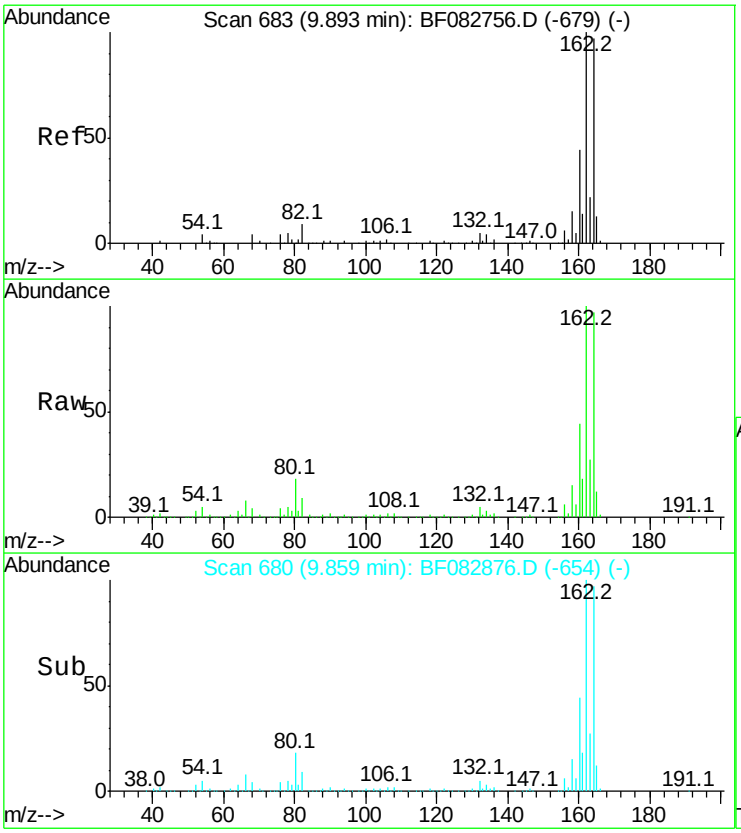
#23
Nitrobenzene-d5
Concen: 69.06 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Instrument :
BNA_F
ClientSampleId :
20151104MGP226BRV103

Tgt Ion: 82 Resp: 1397370

Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.8	40.2
54	52.7	45.7	68.5

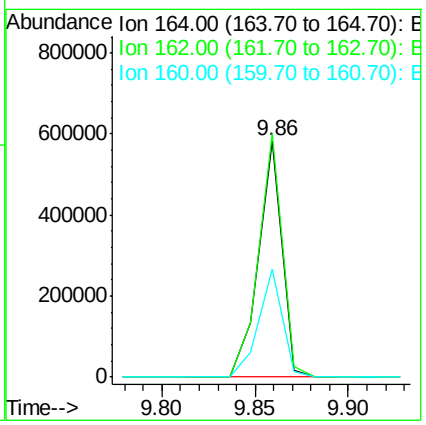


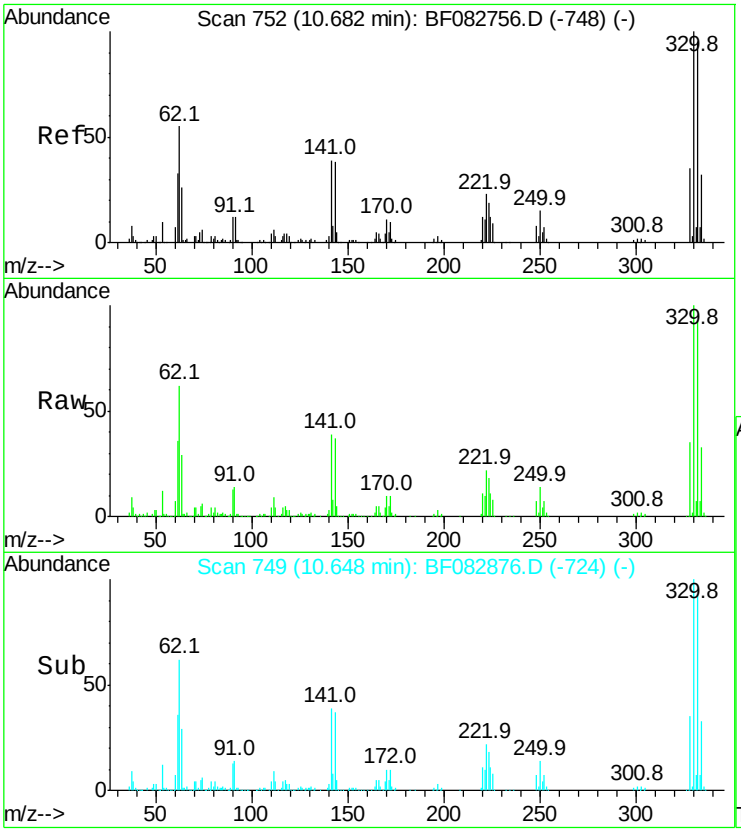


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Tgt Ion:164 Resp: 504327

Ion	Ratio	Lower	Upper
164	100		
162	103.0	84.9	127.3
160	45.7	37.5	56.3



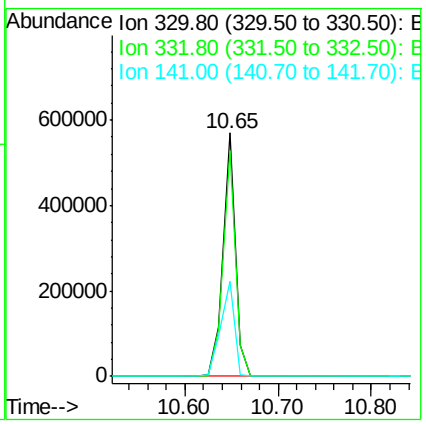


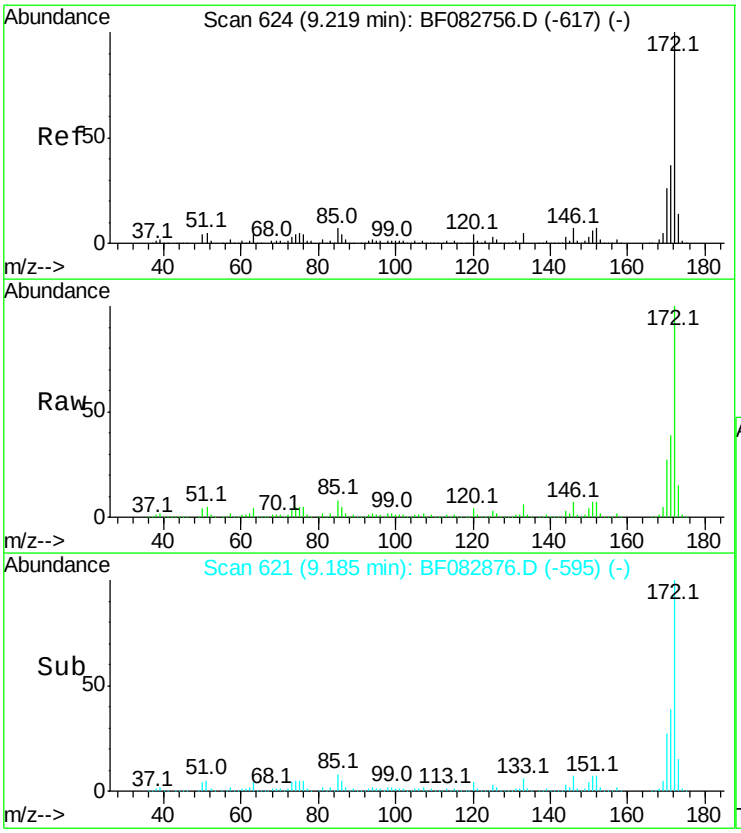
#41
2,4,6-Tribromophenol
Concen: 90.91 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Instrument :
BNA_F
ClientSampleId :
20151104MGP226BRV103

Tgt Ion:330 Resp: 525723

Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.6	114.8
141	42.4	41.2	61.8

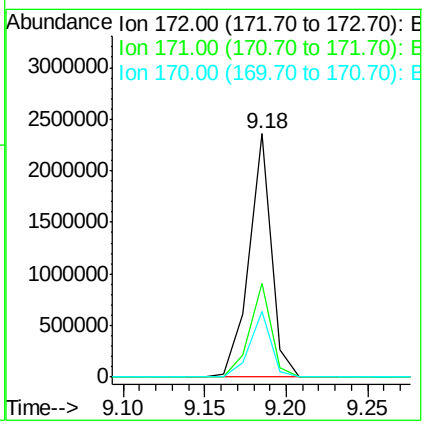


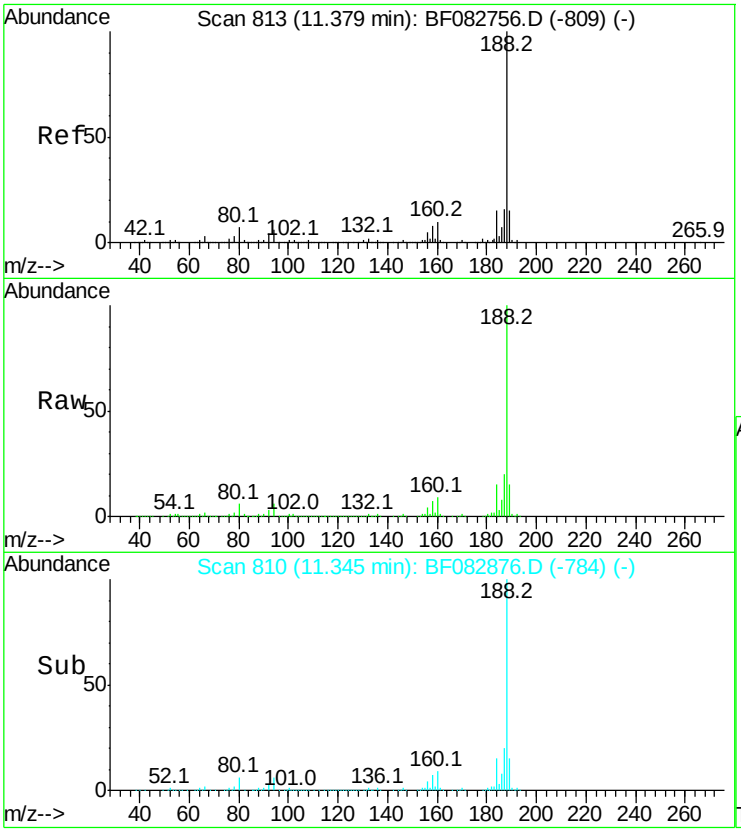


#44
2-Fluorobiphenyl
Concen: 63.65 ng
RT: 9.18 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Tgt Ion:172 Resp: 2239762

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	26.7	21.2	31.8



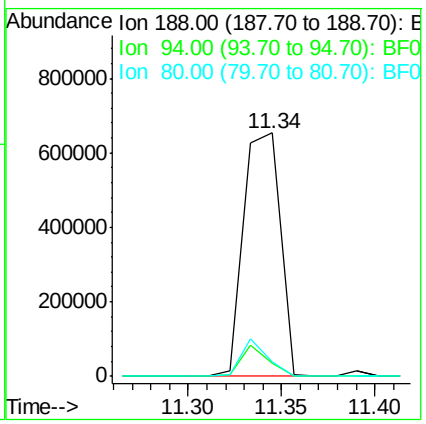


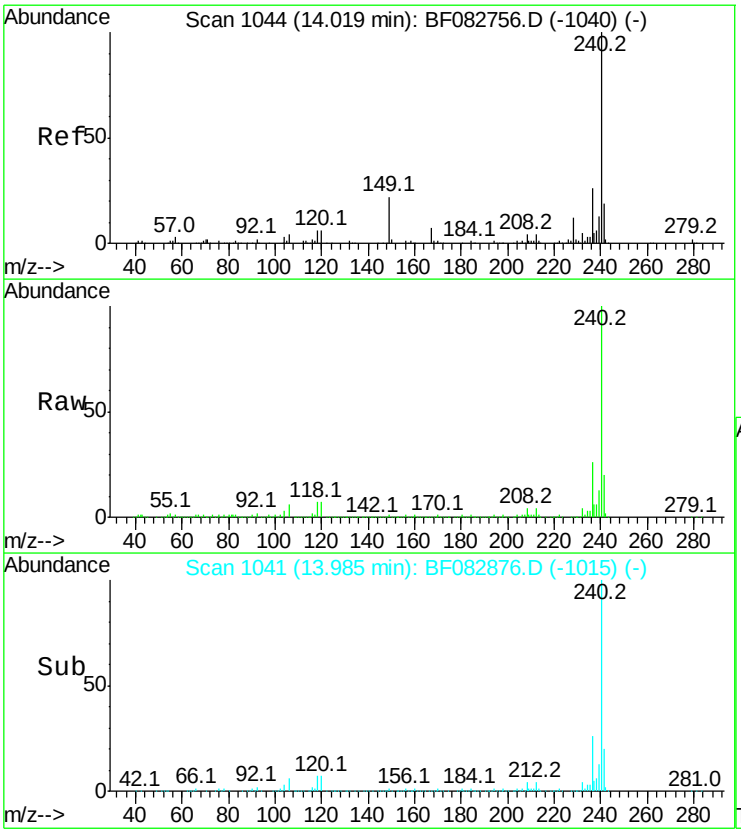
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Instrument :
BNA_F
ClientSampleId :
20151104MGP226BRV103

Tgt Ion:188 Resp: 890635

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.1	9.1#
80	5.8	7.0	10.6#

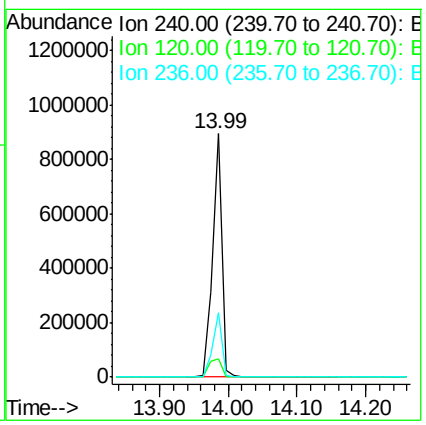


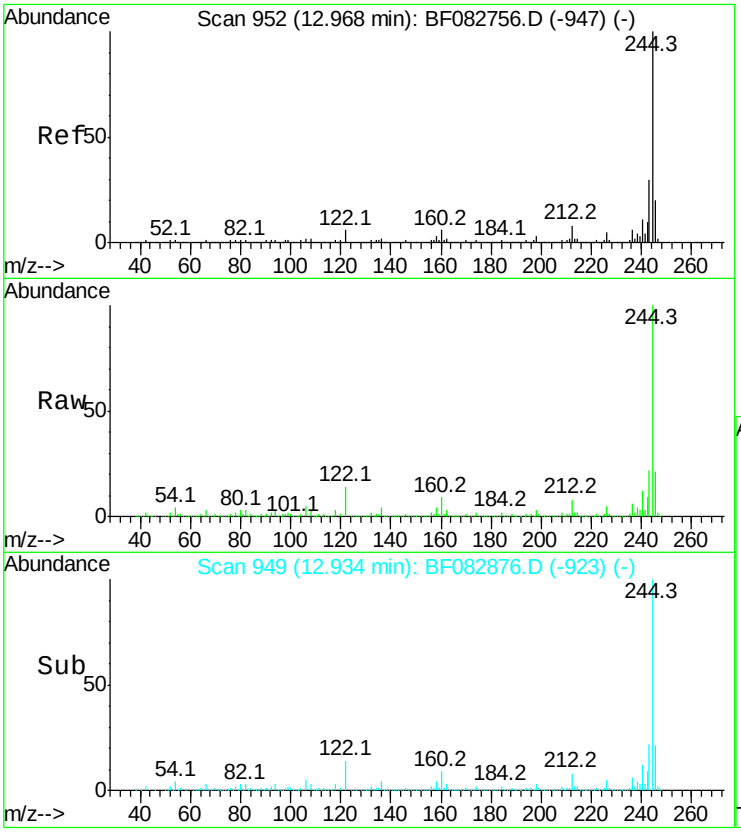


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Tgt Ion:240 Resp: 858379

Ion	Ratio	Lower	Upper
240	100		
120	7.4	10.9	16.3#
236	26.3	21.6	32.4



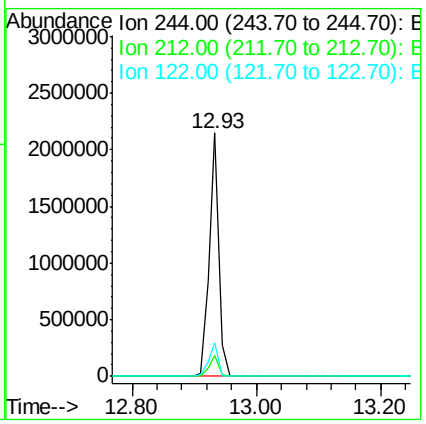


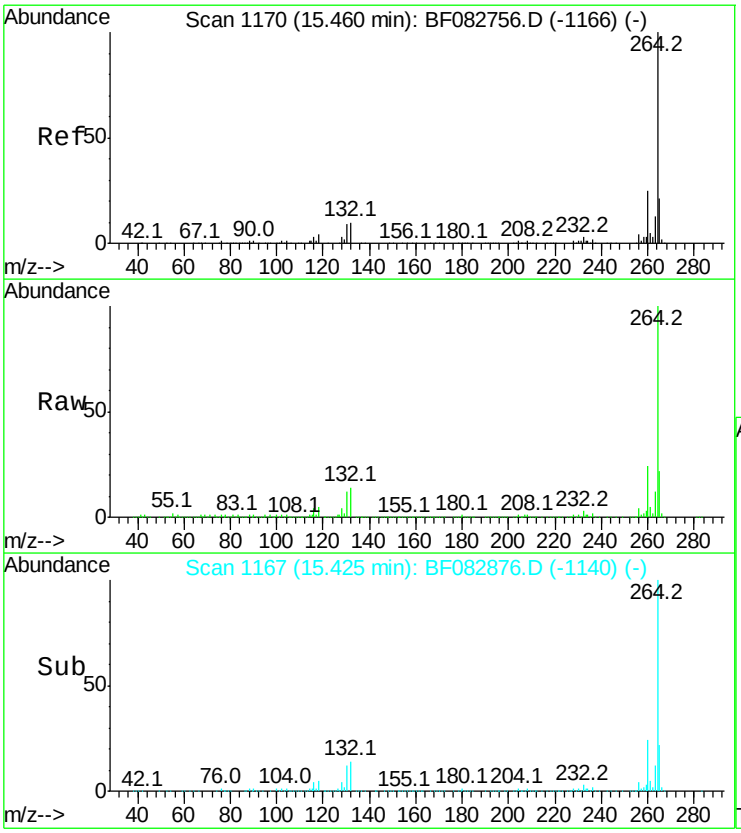
#78
Terphenyl-d14
Concen: 62.72 ng
RT: 12.93 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Instrument :
BNA_F
ClientSampleId :
20151104MGP226BRV103

Tgt Ion:244 Resp: 2269813

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.6	11.4
122	13.8	11.3	16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Tgt Ion:264 Resp: 663224

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	21.6	17.4	26.0