Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
Data File : BF086632.D
Acq On : 2 May 2016 22:16
Operator : UM/SJ
Sample : H2762-10DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B1COMPDL

Quant Time: May 03 02:04:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	169013	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	760025	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	376007	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	714236	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	616789	20.00	ng	-0.07
86) Perylene-d12	15.29	264	432171	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	297560	30.37	ng	-0.04
7) Phenol-d6	6.38	99	399241	29.19	ng	-0.06
23) Nitrobenzene-d5	7.32	82	252460	17.90	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	119889	30.23	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	544163	17.77	ng	-0.06
78) Terphenyl-d14	12.85	244	567555	20.27	ng	-0.06
Target Compounds						Qvalue
31) Naphthalene	8.06	128	1285257	33.23	ng	99
37) 2-Methylnaphthalene	8.75	142	103112	4.52	ng	97
51) Acenaphthene	9.82	154	48810	2.03	ng	97

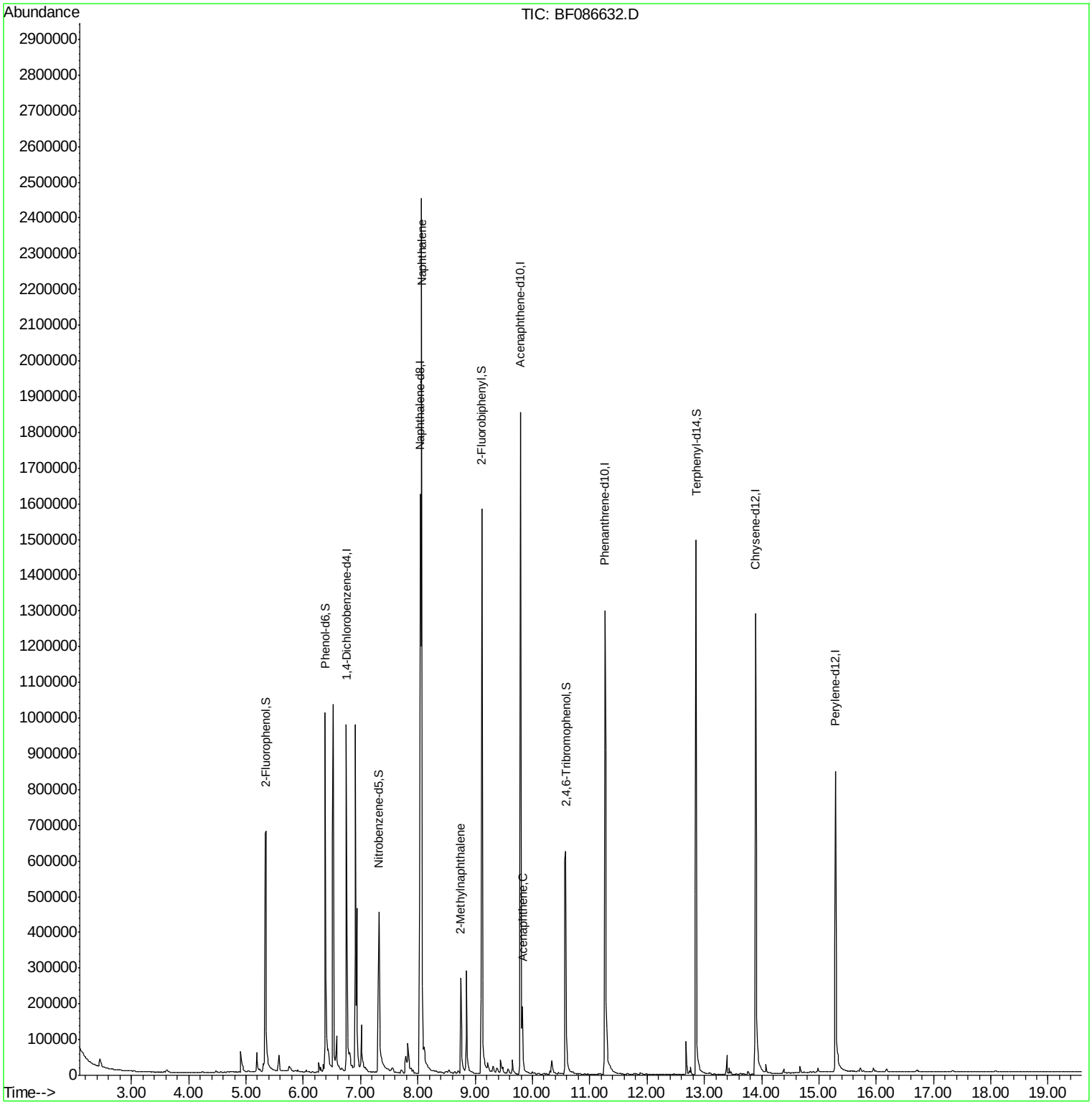
(#) = qualifier out of range (m) = manual integration (+) = signals summed

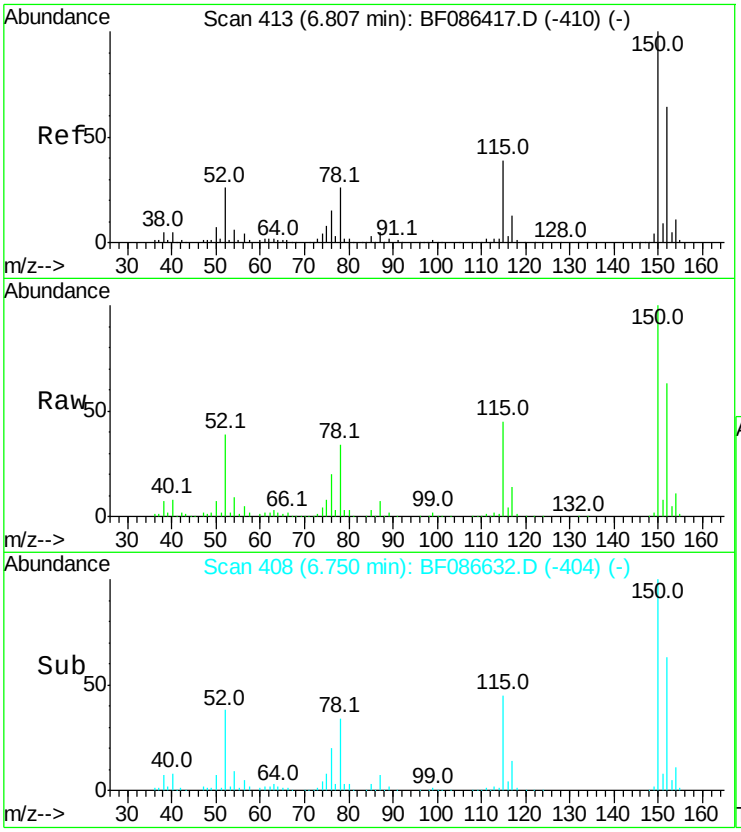
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
Data File : BF086632.D
Acq On : 2 May 2016 22:16
Operator : UM/SJ
Sample : H2762-10DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B1COMPDL

Quant Time: May 03 02:04:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration



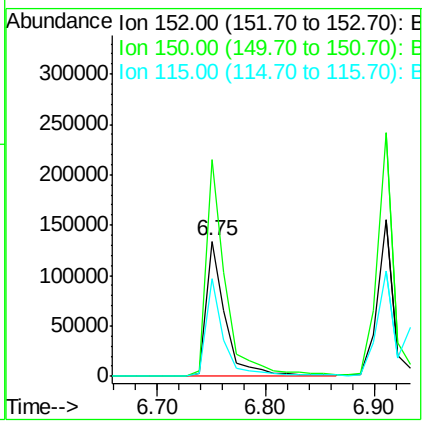


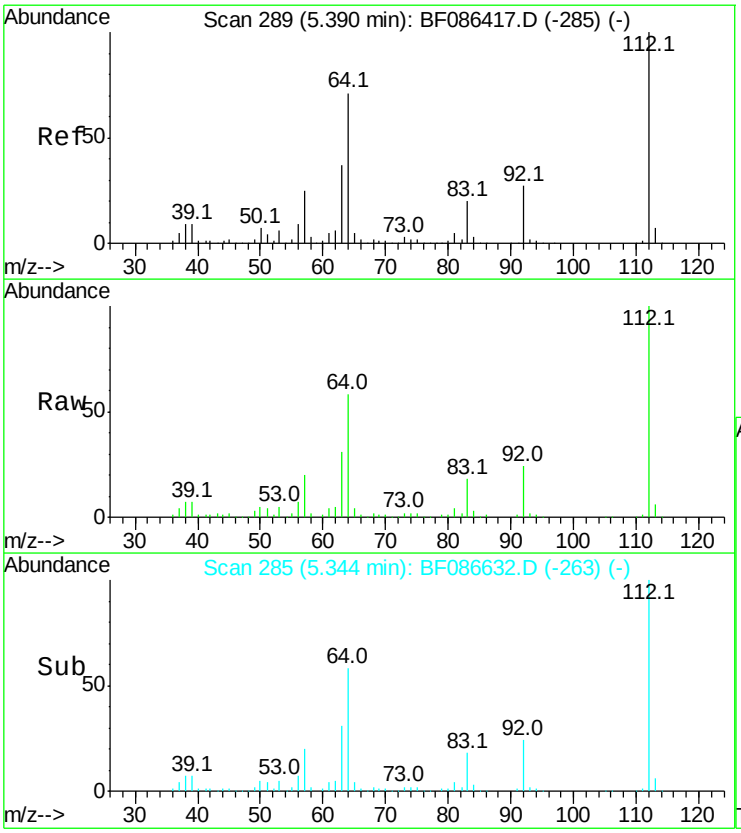
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Instrument :
BNA_F
ClientSampleId :
TEC-B1COMPDL

Tgt Ion:152 Resp: 169013

Ion	Ratio	Lower	Upper
152	100		
150	159.8	125.8	188.6
115	71.9	51.5	77.3

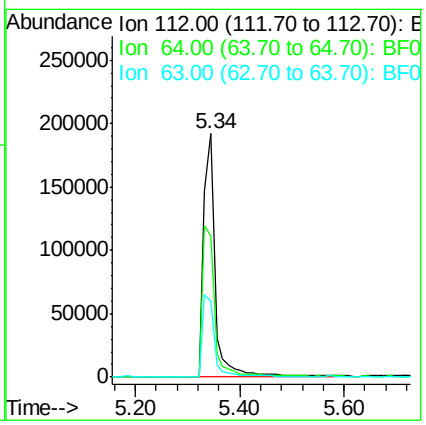


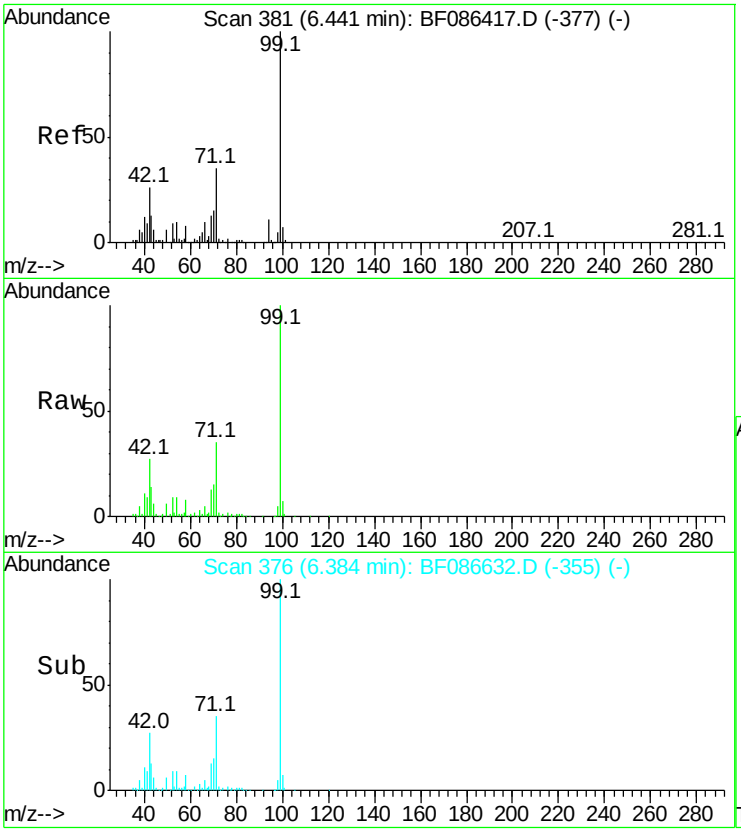


#5
2-Fluorophenol
Concen: 30.37 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.04 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Tgt Ion:112 Resp: 297560

Ion	Ratio	Lower	Upper
112	100		
64	57.9	52.1	78.1
63	31.3	25.7	38.5



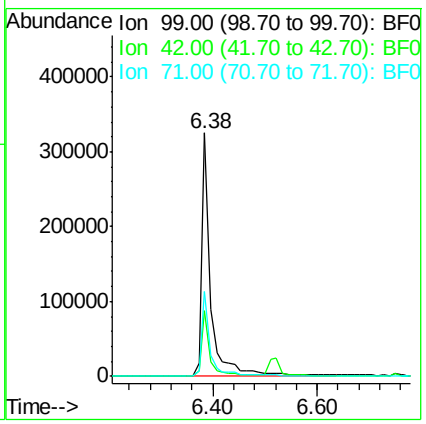


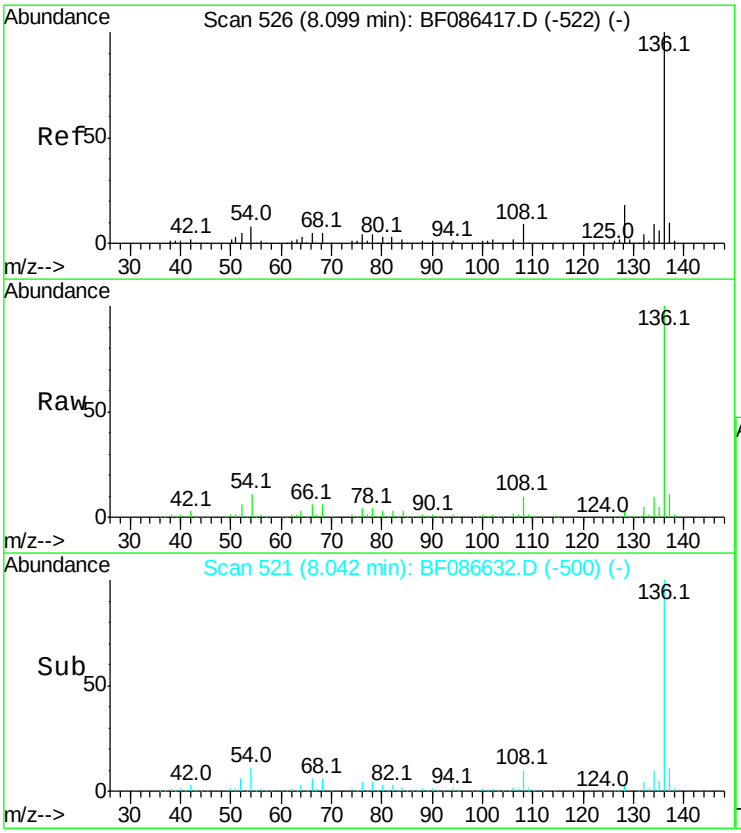
#7
Phenol-d6
Concen: 29.19 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.06 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Instrument :
BNA_F
ClientSampleId :
TEC-B1COMPDL

Tgt Ion: 99 Resp: 399241

Ion	Ratio	Lower	Upper
99	100		
42	26.7	13.6	20.4#
71	34.8	24.6	36.8

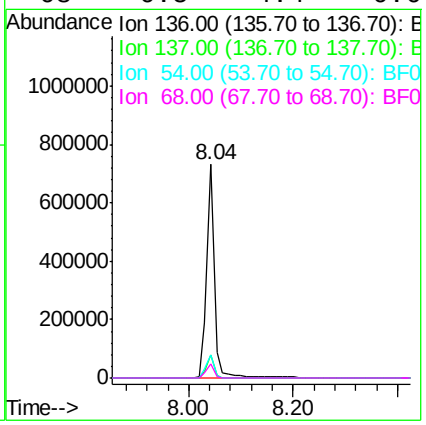


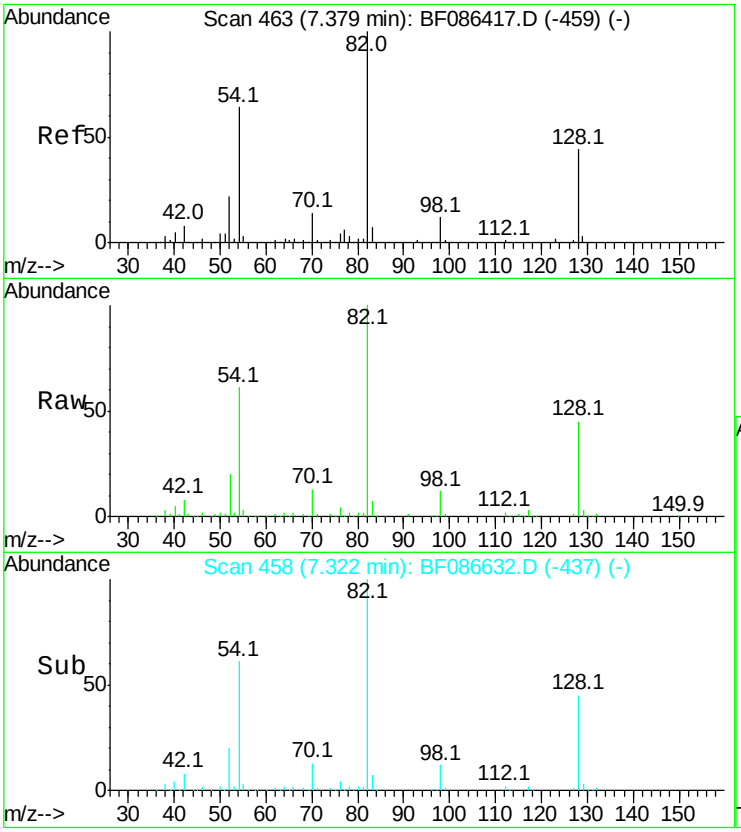


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Tgt Ion:136 Resp: 760025

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.9	5.0	7.4#
68	6.5	4.4	6.6



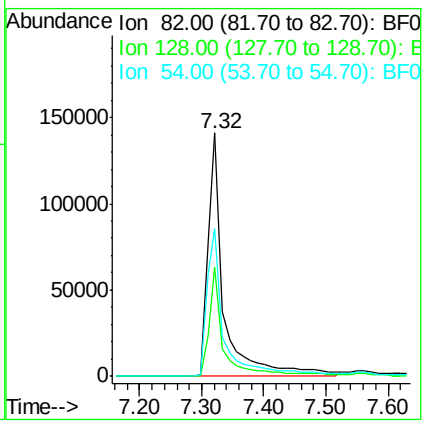


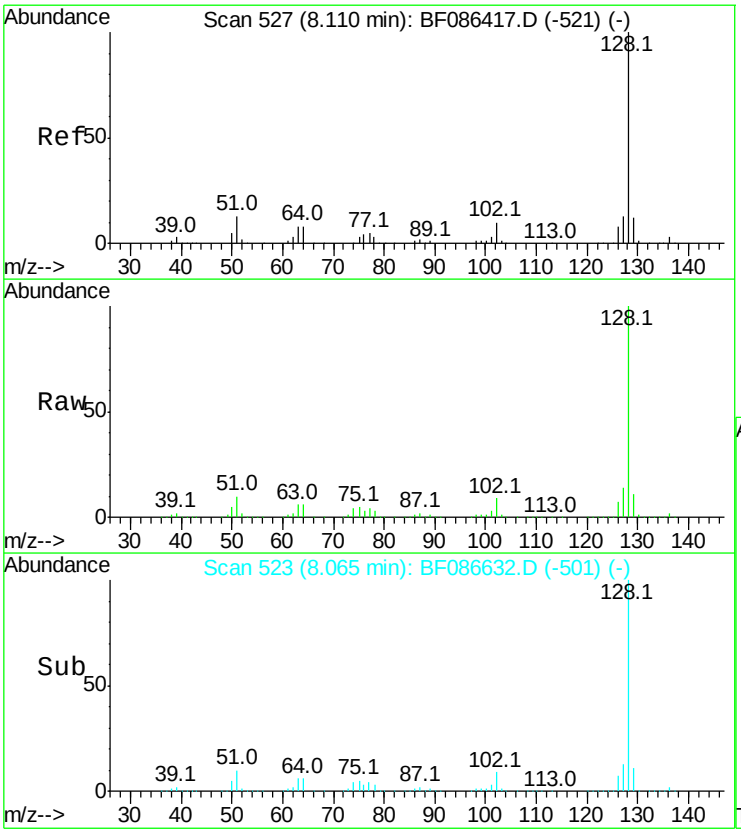
#23
Nitrobenzene-d5
Concen: 17.90 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Instrument :
BNA_F
ClientSampleId :
TEC-B1COMPDL

Tgt Ion: 82 Resp: 252460

Ion	Ratio	Lower	Upper
82	100		
128	44.9	40.6	61.0
54	60.7	38.1	57.1#

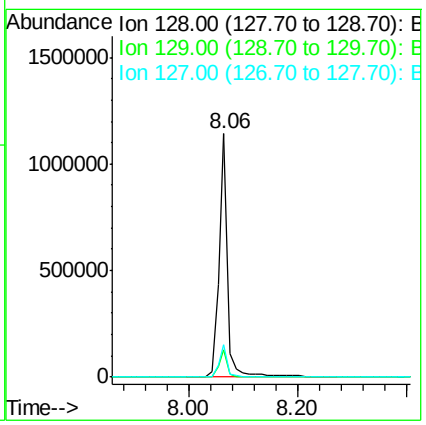


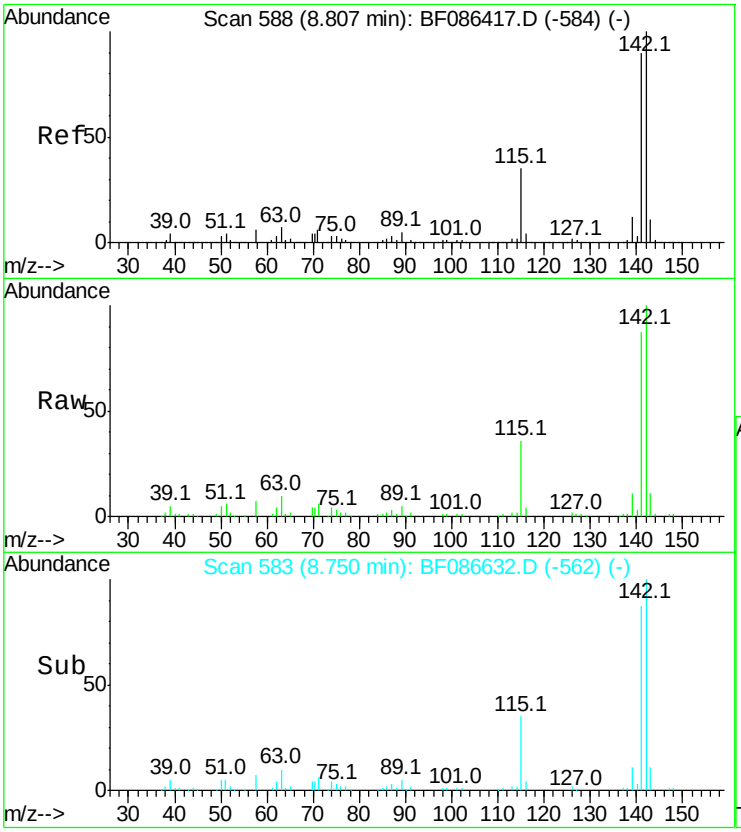


#31
Naphthalene
Concen: 33.23 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Tgt Ion:128 Resp: 1285257

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.6	10.8	16.2



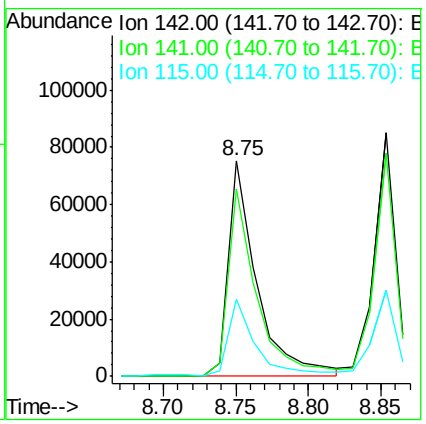


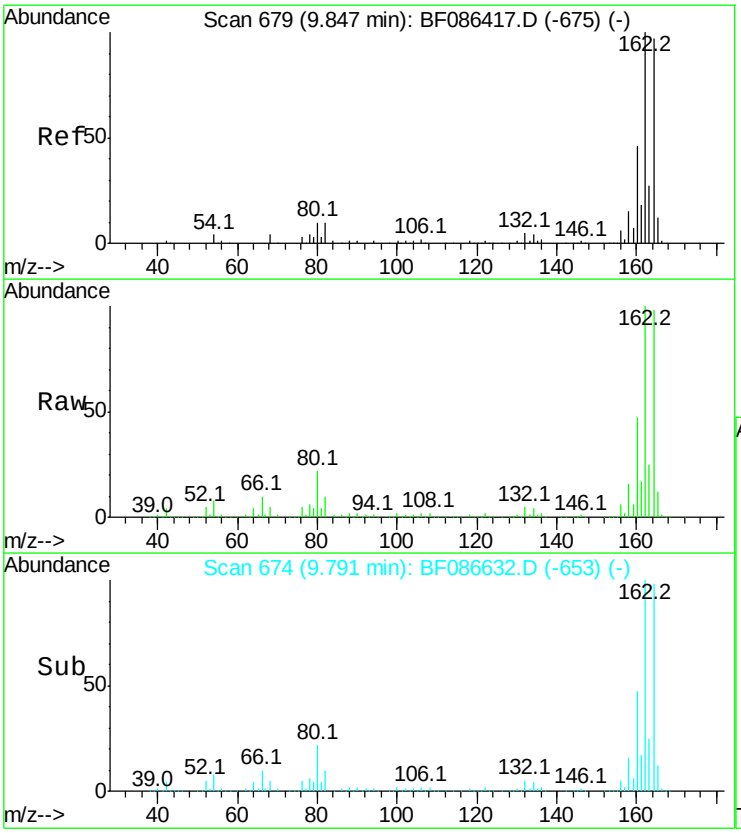
#37
2-Methylnaphthalene
Concen: 4.52 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.06 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Instrument :
BNA_F
ClientSampleId :
TEC-B1COMPDL

Tgt Ion:142 Resp: 103112

Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.0	106.6
115	35.9	26.6	39.8

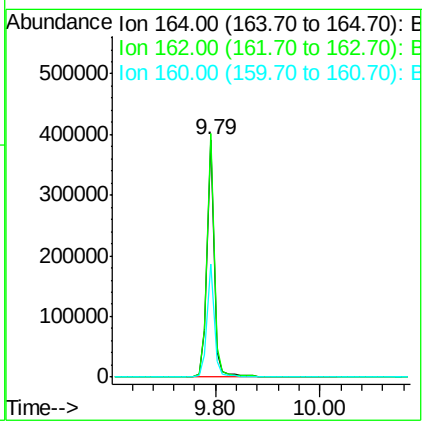


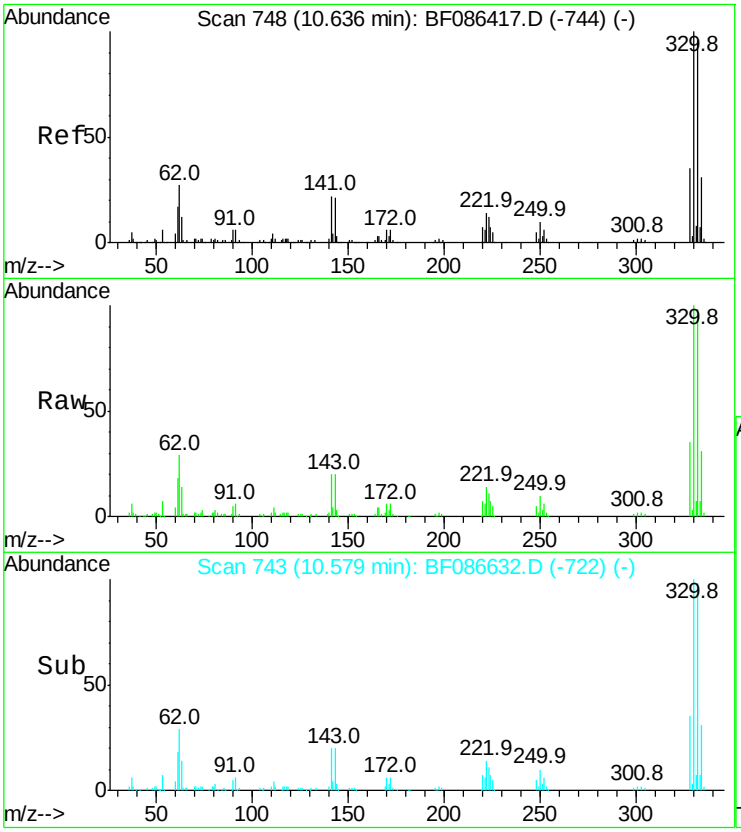


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Tgt Ion:164 Resp: 376007

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	47.8	36.9	55.3



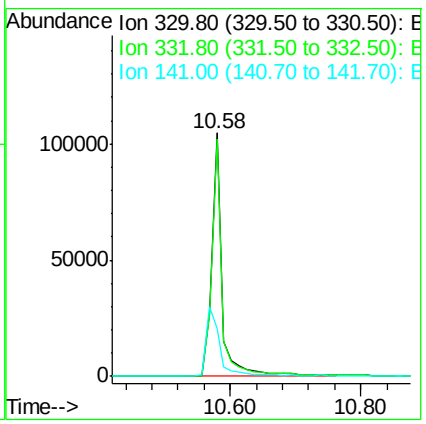


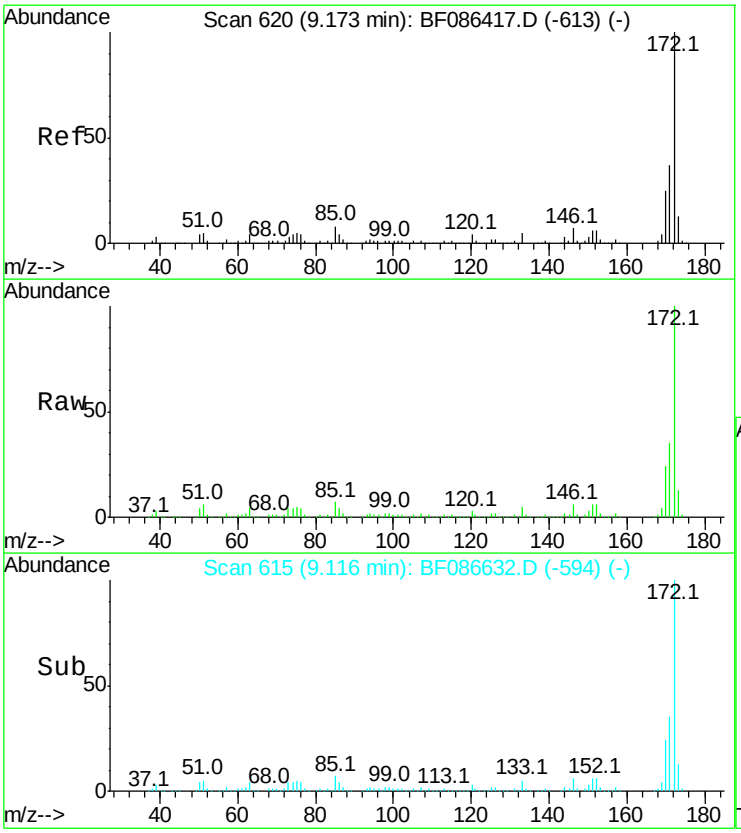
#41
2,4,6-Tribromophenol
Concen: 30.23 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.06 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Instrument :
BNA_F
ClientSampleId :
TEC-B1COMPDL

Tgt Ion:330 Resp: 119889

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	37.2	31.2	46.8

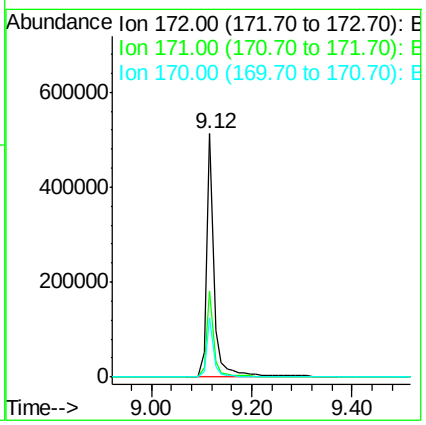


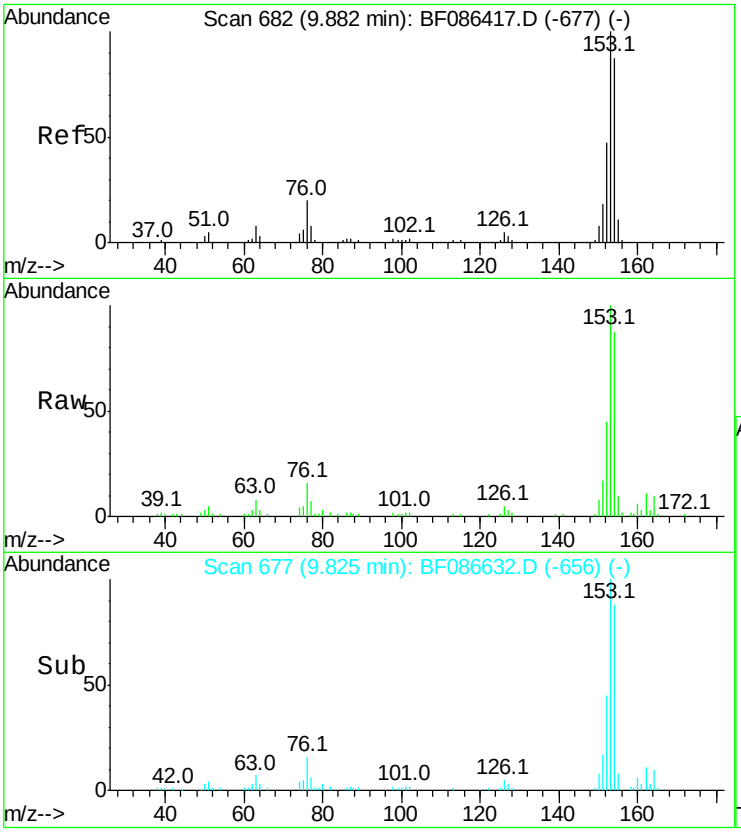


#44
2-Fluorobiphenyl
Concen: 17.77 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.06 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Tgt Ion:172 Resp: 544163

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	24.2	19.8	29.8



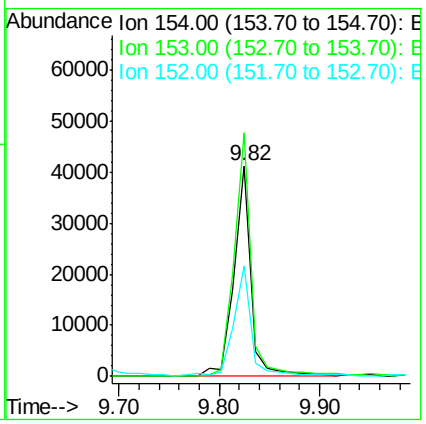


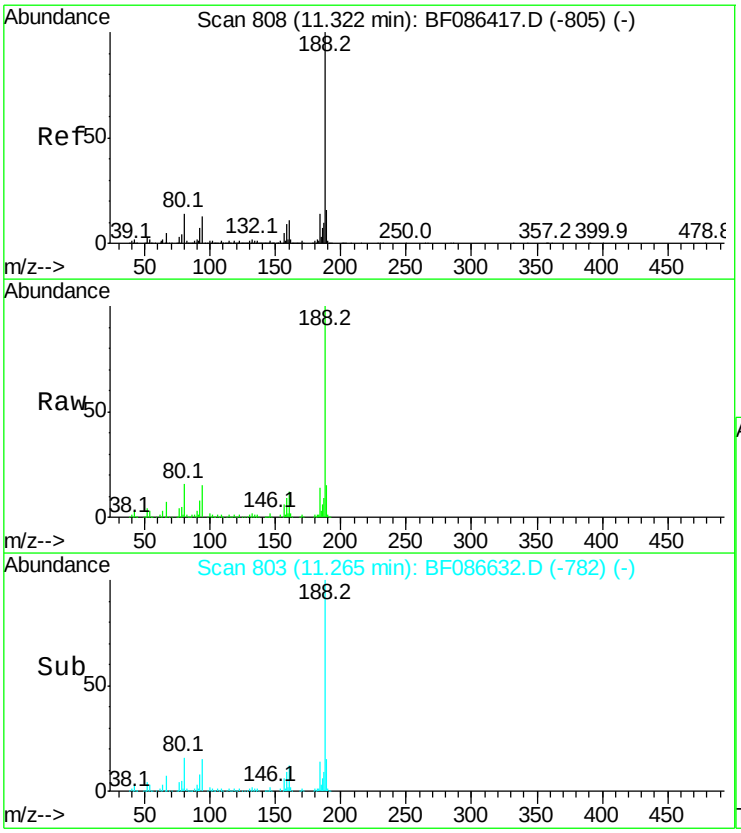
#51
Acenaphthene
Concen: 2.03 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Instrument :
BNA_F
ClientSampleId :
TEC-B1COMPDL

Tgt Ion:154 Resp: 48810

Ion	Ratio	Lower	Upper
154	100		
153	115.6	89.8	134.6
152	52.4	43.4	65.0

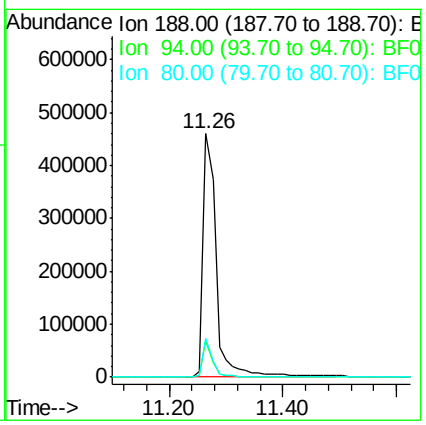


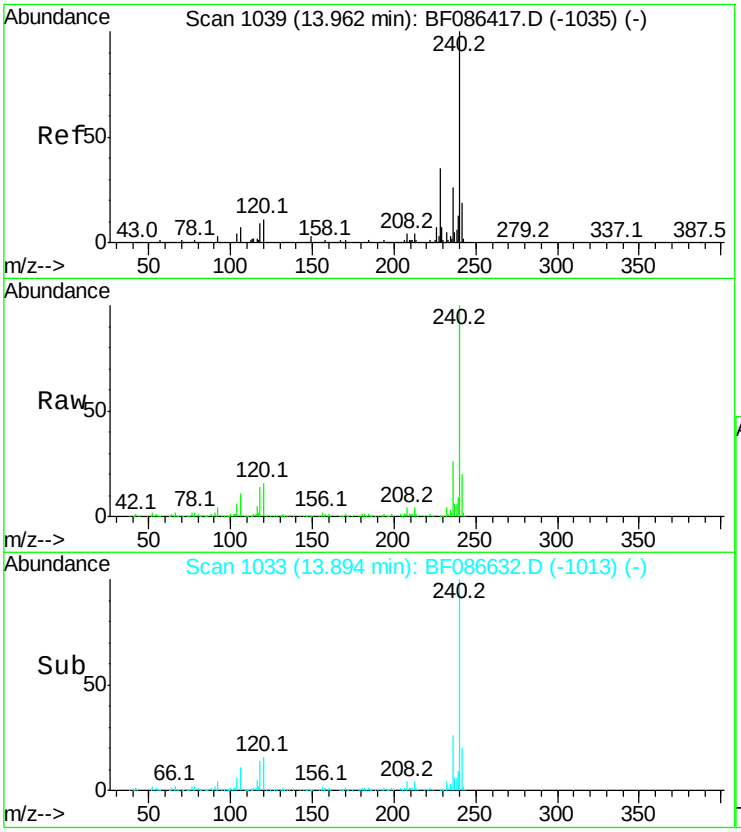


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Tgt Ion:188 Resp: 714236

Ion	Ratio	Lower	Upper
188	100		
94	14.6	6.8	10.2#
80	16.1	7.1	10.7#



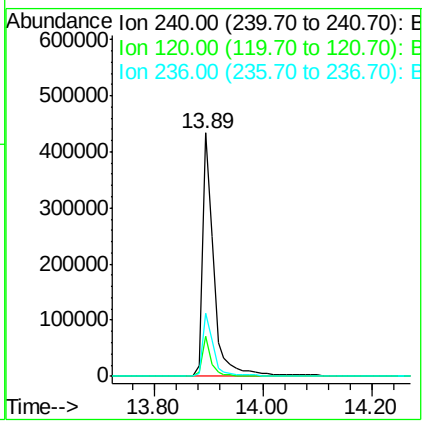


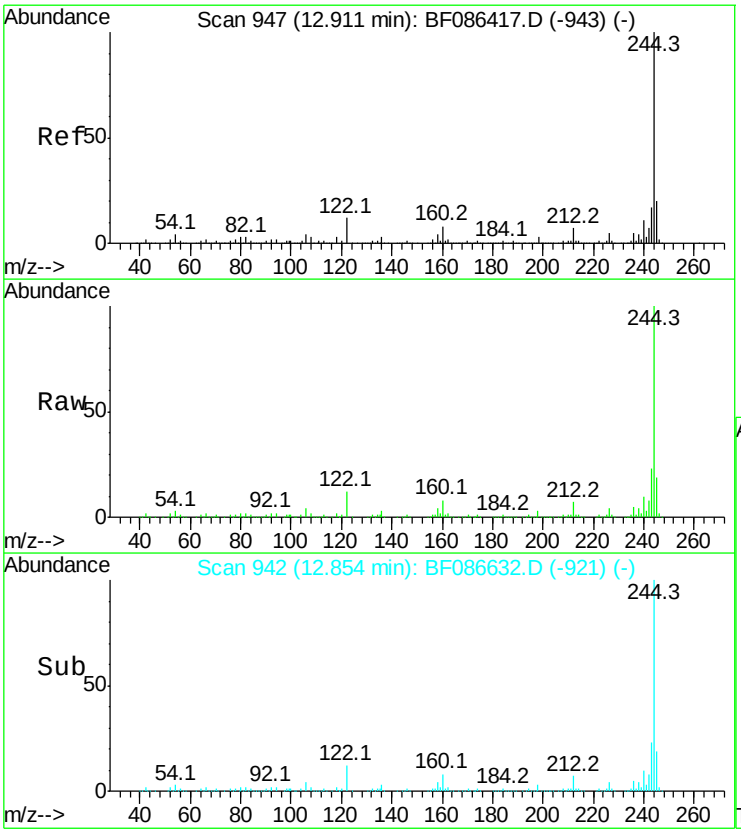
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Instrument :
BNA_F
ClientSampleId :
TEC-B1COMPDL

Tgt Ion:240 Resp: 616789

Ion	Ratio	Lower	Upper
240	100		
120	16.2	11.2	16.8
236	26.1	21.2	31.8

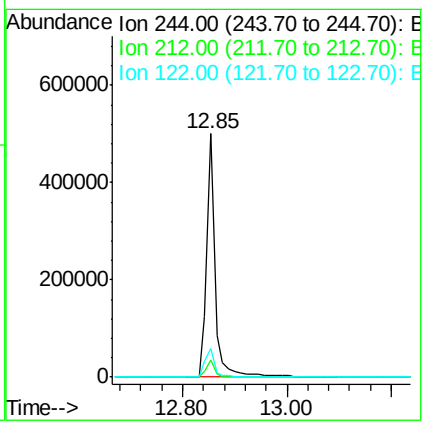


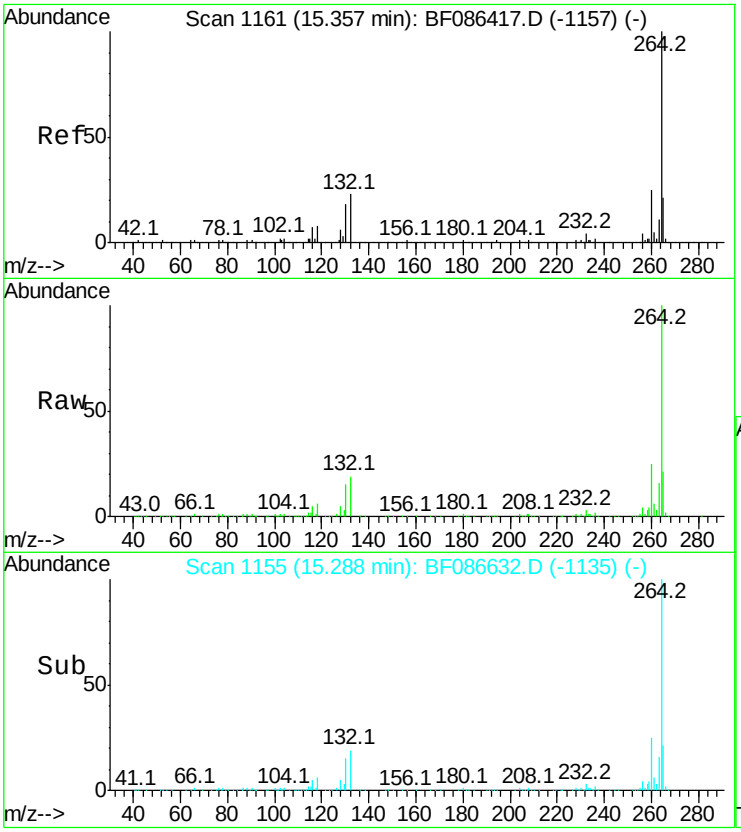


#78
Terphenyl-d14
Concen: 20.27 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.06 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Tgt Ion:244 Resp: 567555

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	11.7	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086632.D
Acq: 2 May 2016 22:16

Instrument :
BNA_F
ClientSampleId :
TEC-B1COMPDL

Tgt Ion:264 Resp: 432171

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.4	17.3	25.9