Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085797.D
Acq On : 28 Mar 2016 13:07
Operator : UM/SJ
Sample : H1885-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-14B

Quant Time: Mar 28 15:44:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	114033	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	468126	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	194575	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	418353	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	286848	20.00	ng	-0.01
86) Perylene-d12	15.39	264	61849	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	863721	126.14	ng	0.02
7) Phenol-d6	6.46	99	998430	114.69	ng	0.00
23) Nitrobenzene-d5	7.38	82	789273	94.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	351543	190.16	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1210968	103.98	ng	-0.01
78) Terphenyl-d14	12.93	244	1243145	89.13	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.13	128	219757	9.32	ng	97
51) Acenaphthene	9.89	154	27238	2.27	ng	99

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

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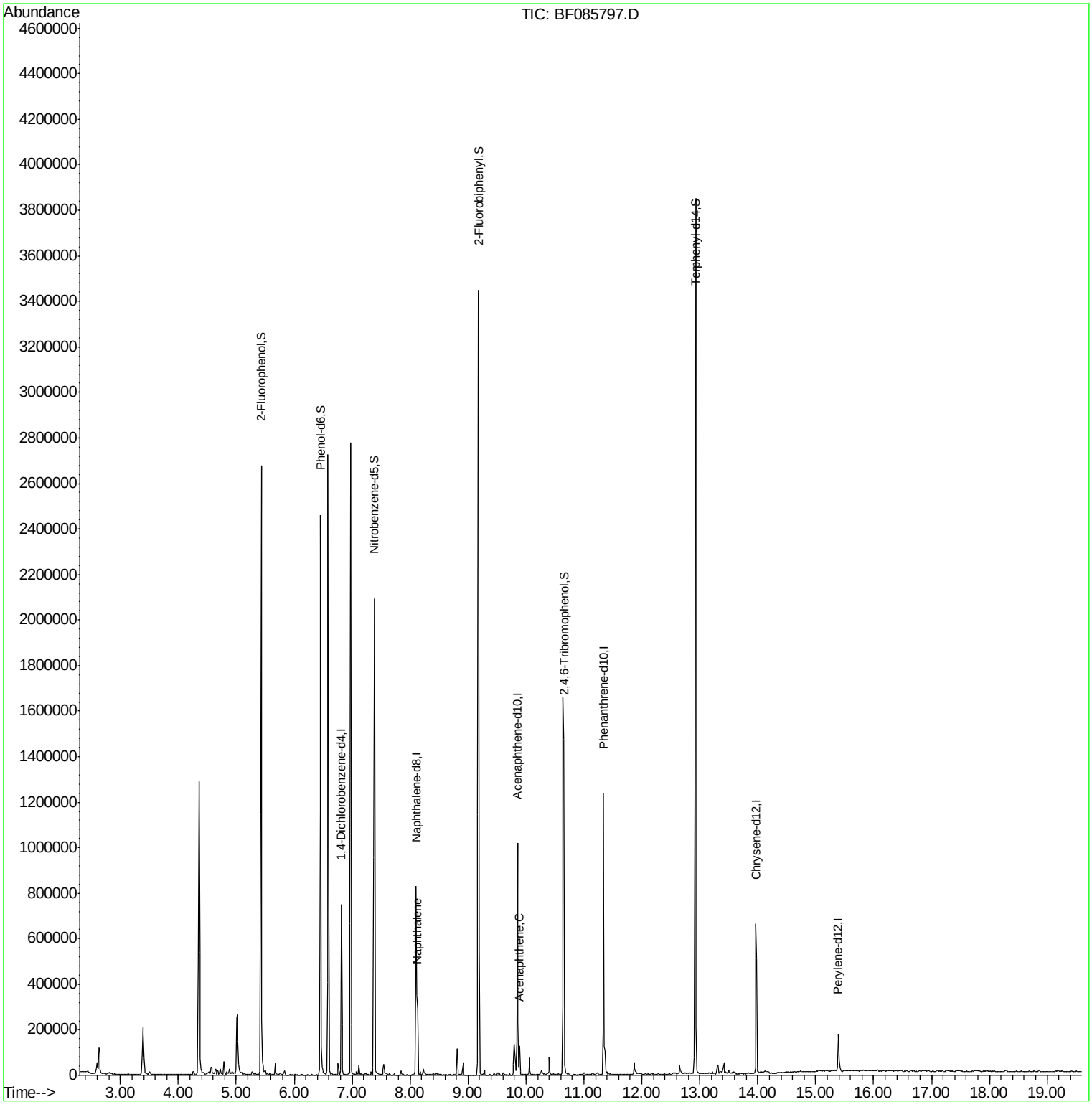
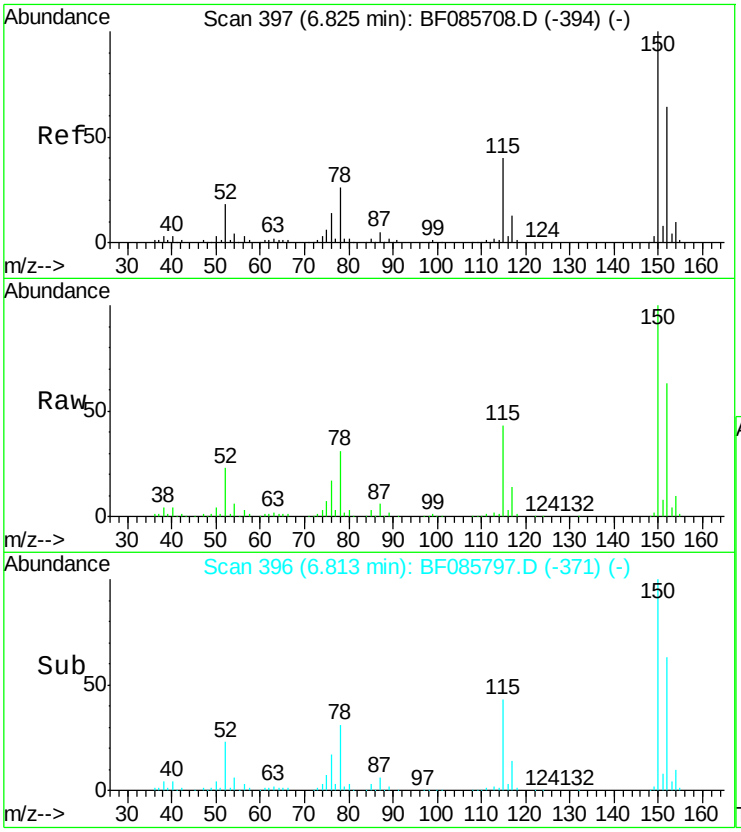


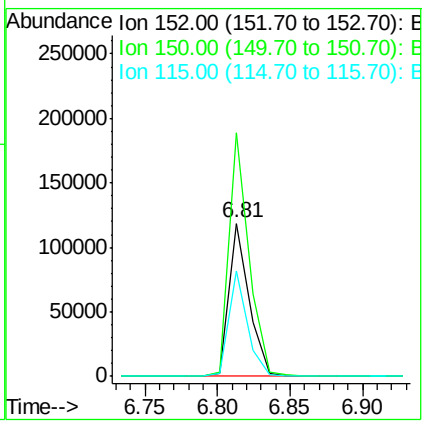


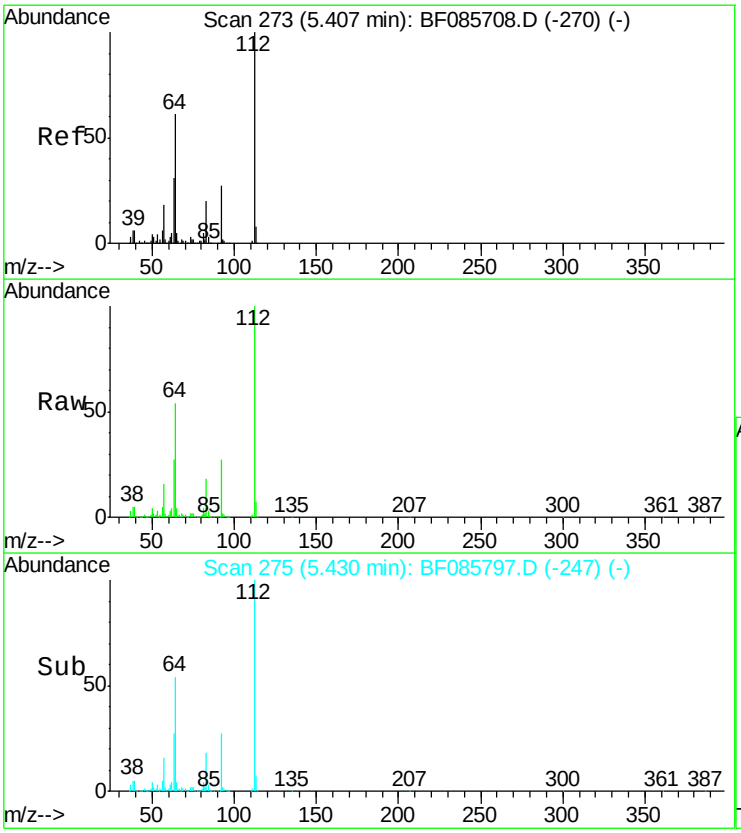
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-14B

Tgt Ion:152 Resp: 114033

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.2	186.2
115	69.0	47.0	70.6

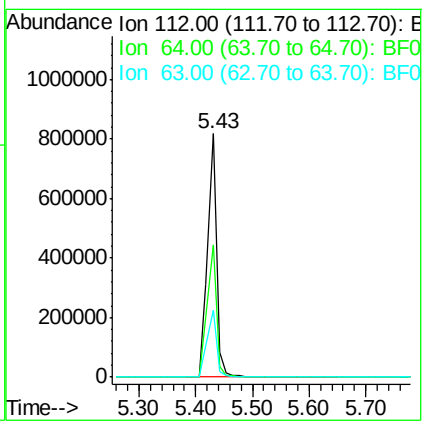


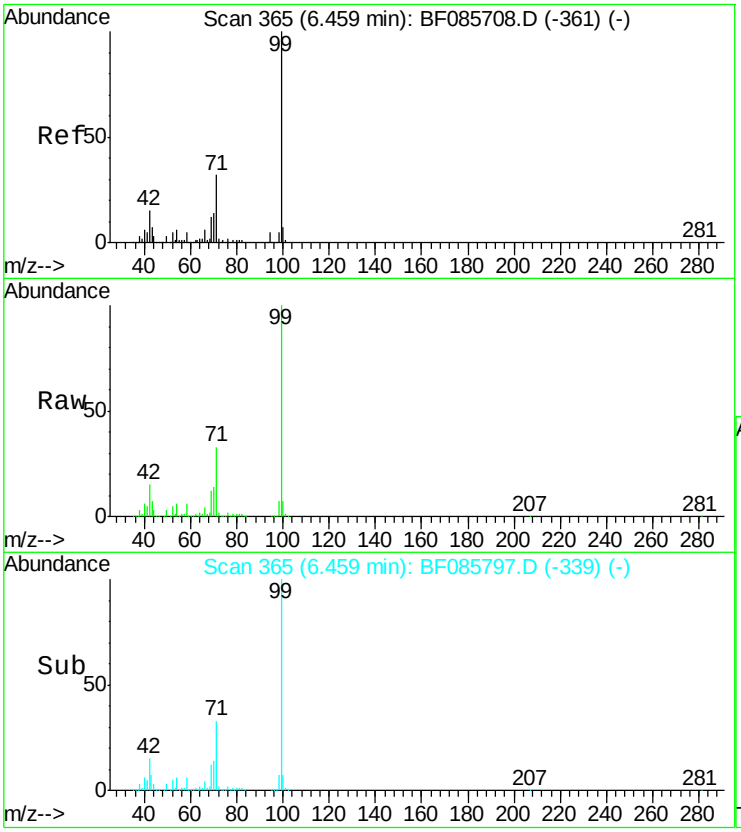


#5
2-Fluorophenol
Concen: 126.14 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Tgt Ion:112 Resp: 863721

Ion	Ratio	Lower	Upper
112	100		
64	54.2	39.9	59.9
63	27.4	20.2	30.2



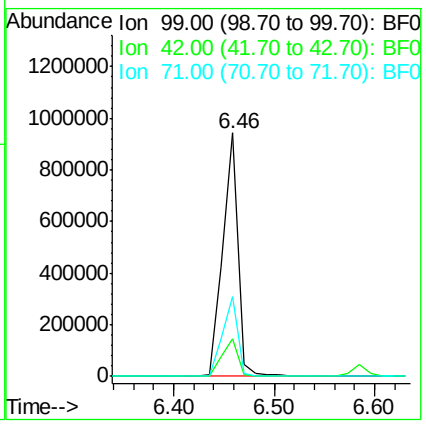


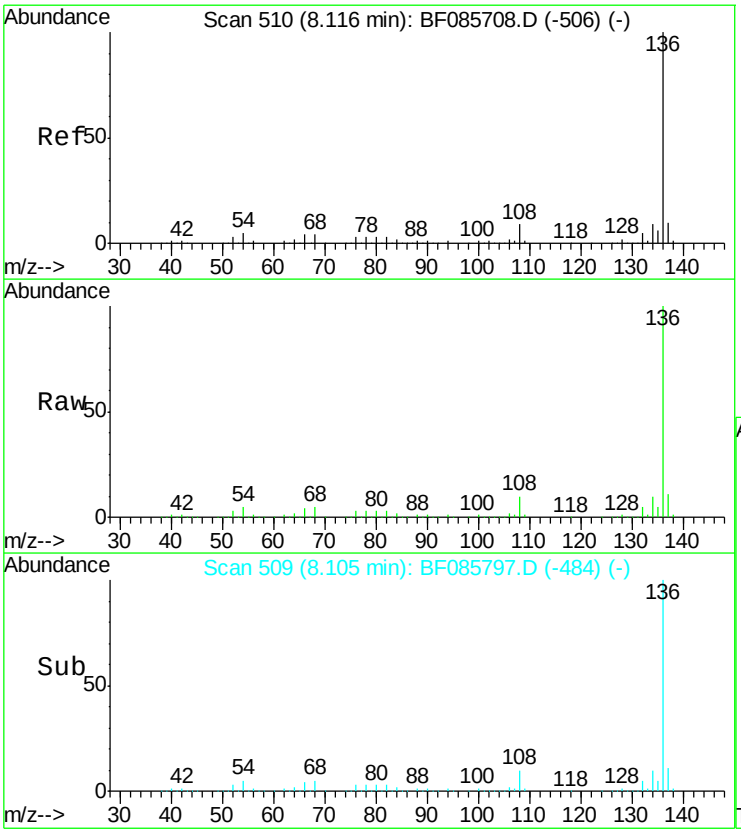
#7
Phenol-d6
Concen: 114.69 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-14B

Tgt Ion: 99 Resp: 998430

Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.1	16.7
71	32.8	24.9	37.3

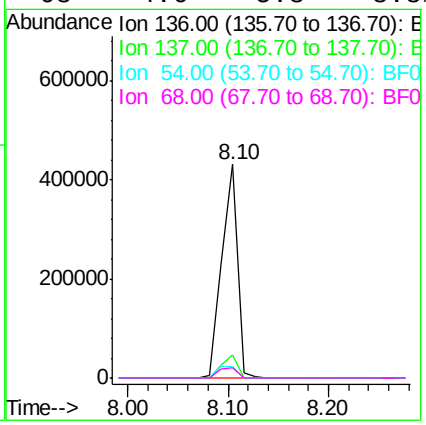


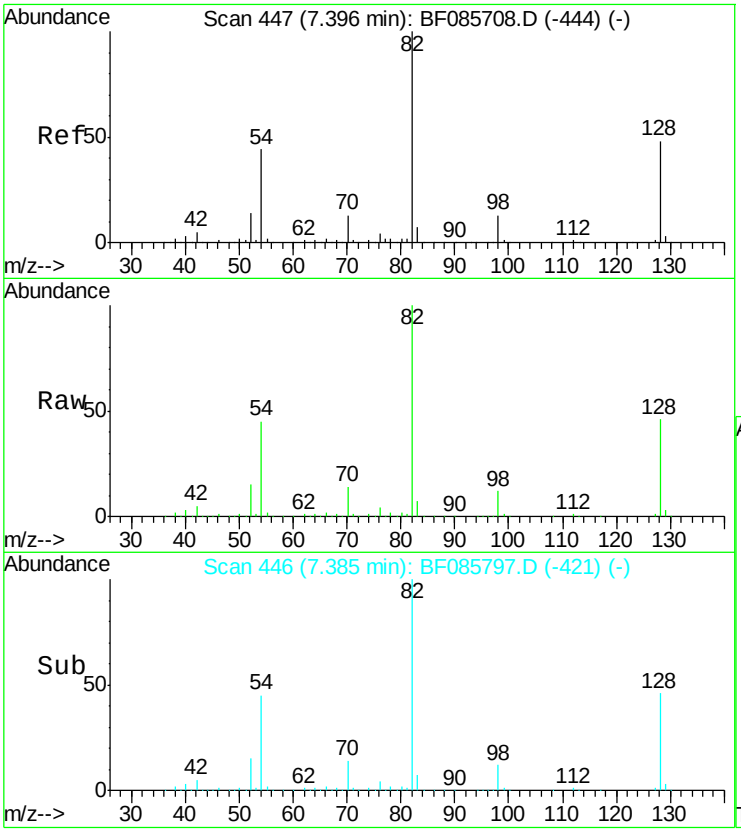


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Tgt Ion:136 Resp: 468126

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.4	7.4	11.0#
68	4.6	5.8	8.8#



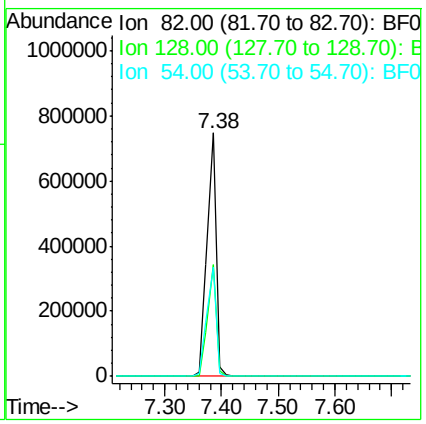


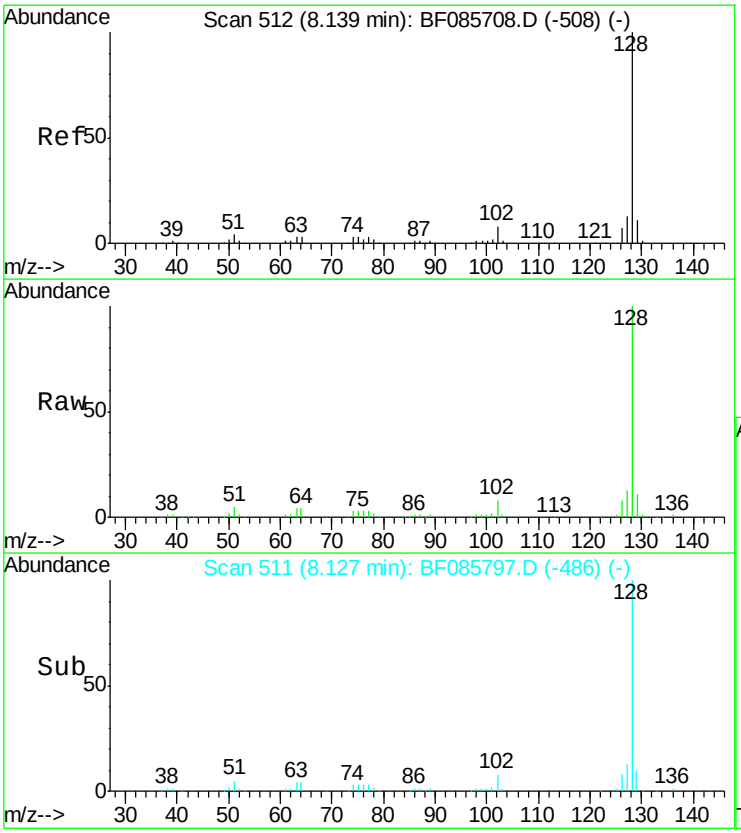
#23
Nitrobenzene-d5
Concen: 94.95 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-14B

Tgt Ion: 82 Resp: 789273

Ion	Ratio	Lower	Upper
82	100		
128	45.8	41.8	62.8
54	45.1	33.4	50.0

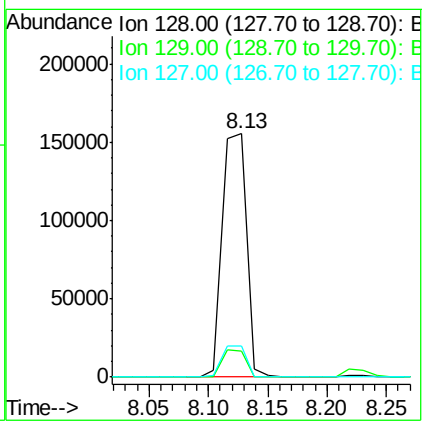


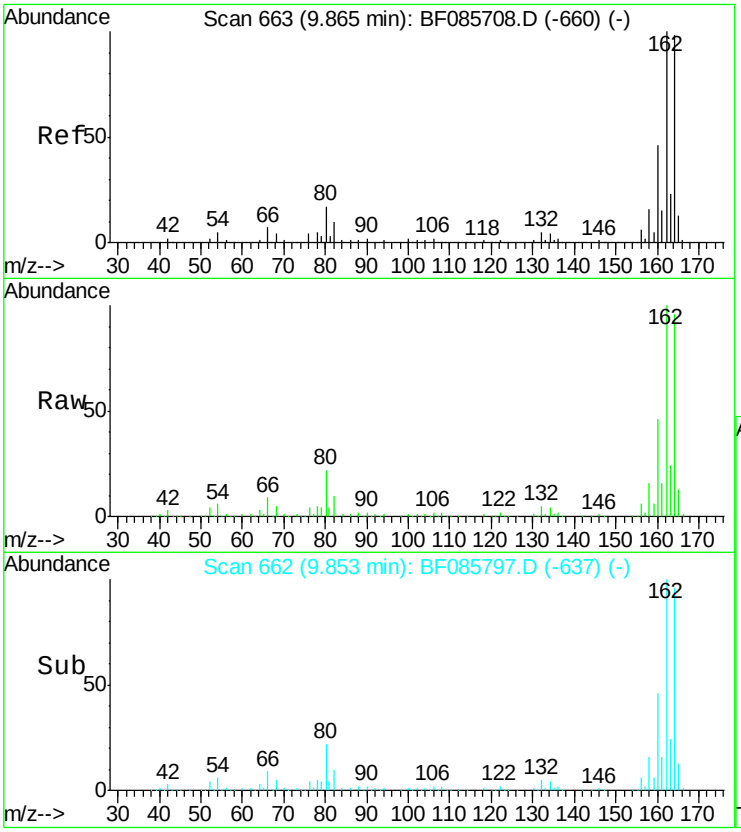


#31
Naphthalene
Concen: 9.32 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Tgt Ion:128 Resp: 219757

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.0
127	12.9	11.0	16.6



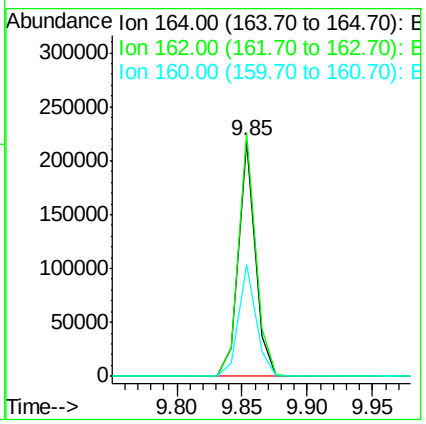


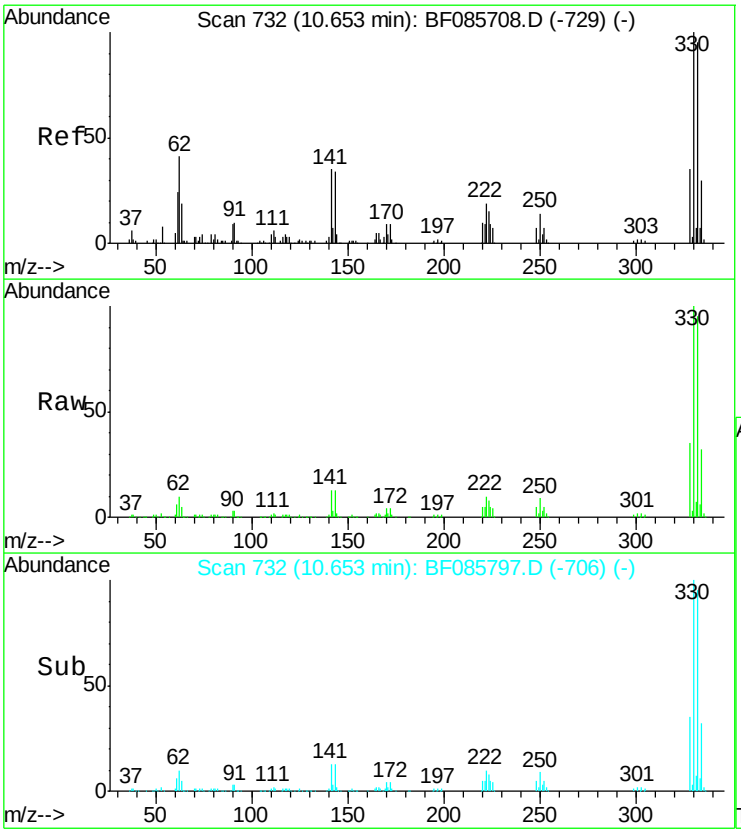
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-14B

Tgt Ion:164 Resp: 194575

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.1	123.1
160	47.5	37.4	56.2

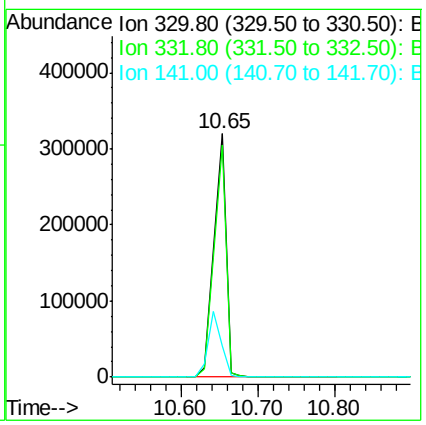


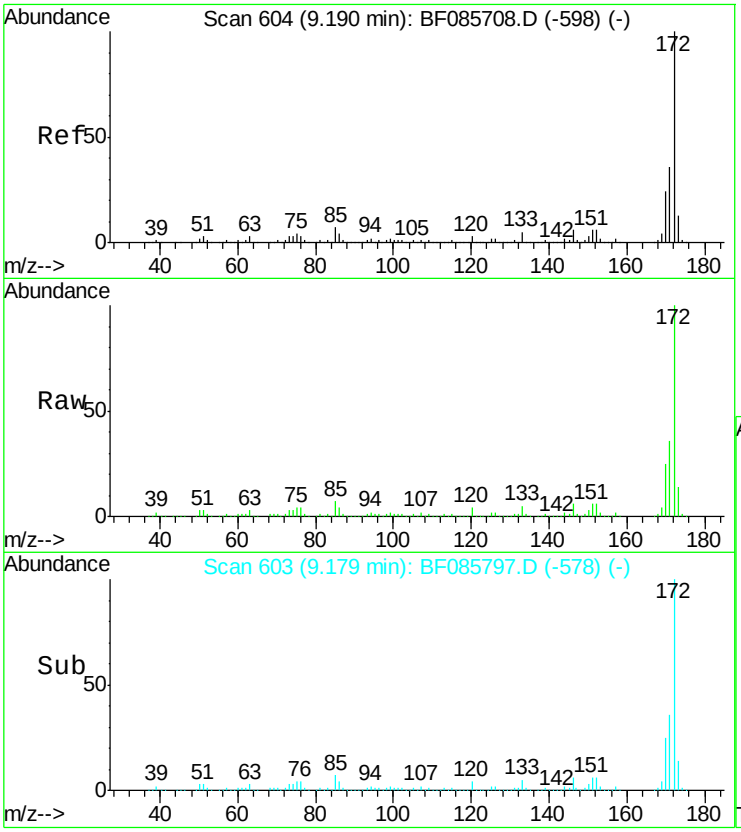


#41
2,4,6-Tribromophenol
Concen: 190.16 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Tgt Ion:330 Resp: 351543

Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.2	117.2
141	29.2	31.5	47.3#



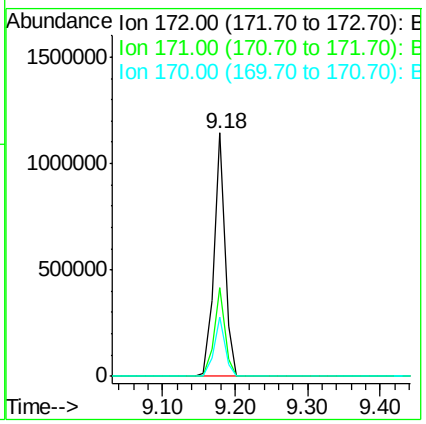


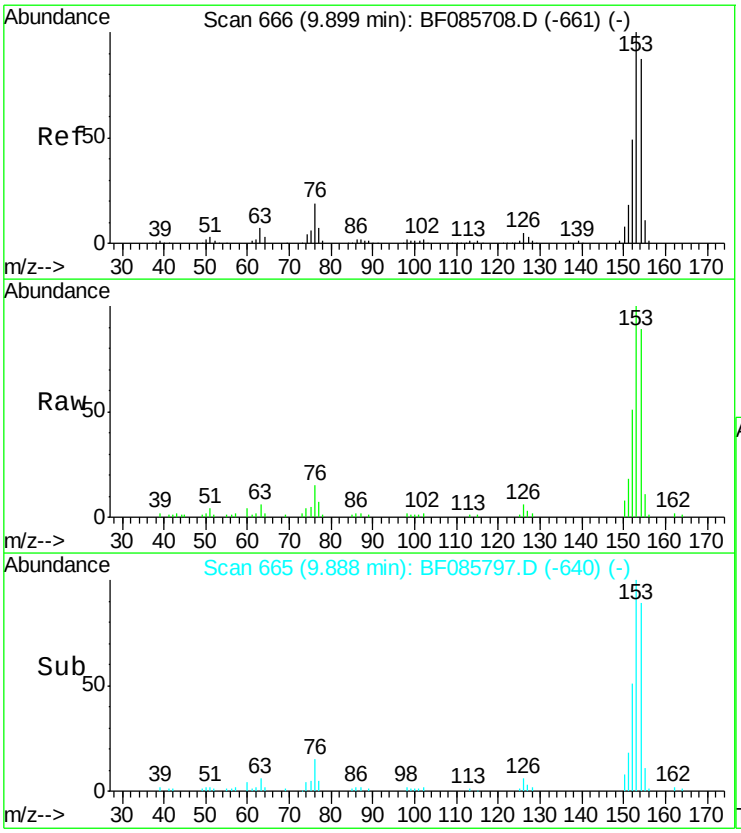
#44
2-Fluorobiphenyl
Concen: 103.98 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-14B

Tgt Ion:172 Resp: 1210968

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.6	19.8	29.6

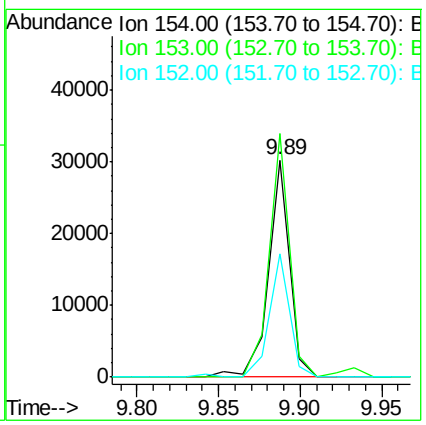


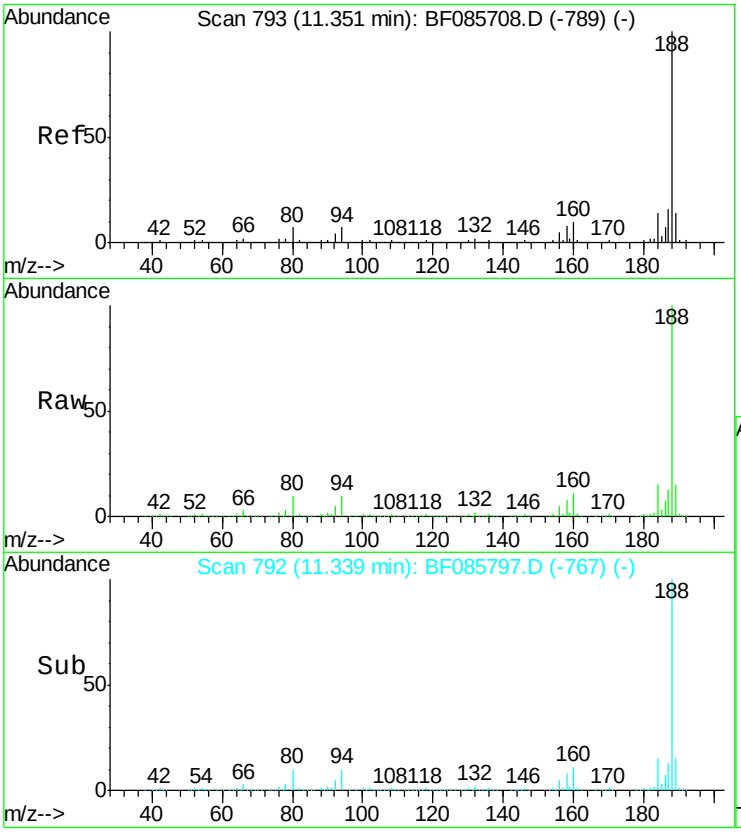


#51
Acenaphthene
Concen: 2.27 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Tgt Ion:154 Resp: 27238

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.1	135.1
152	56.8	44.2	66.2



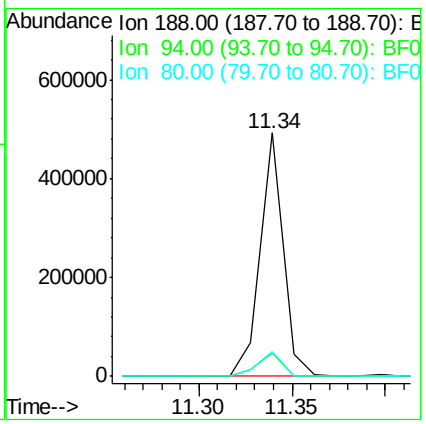


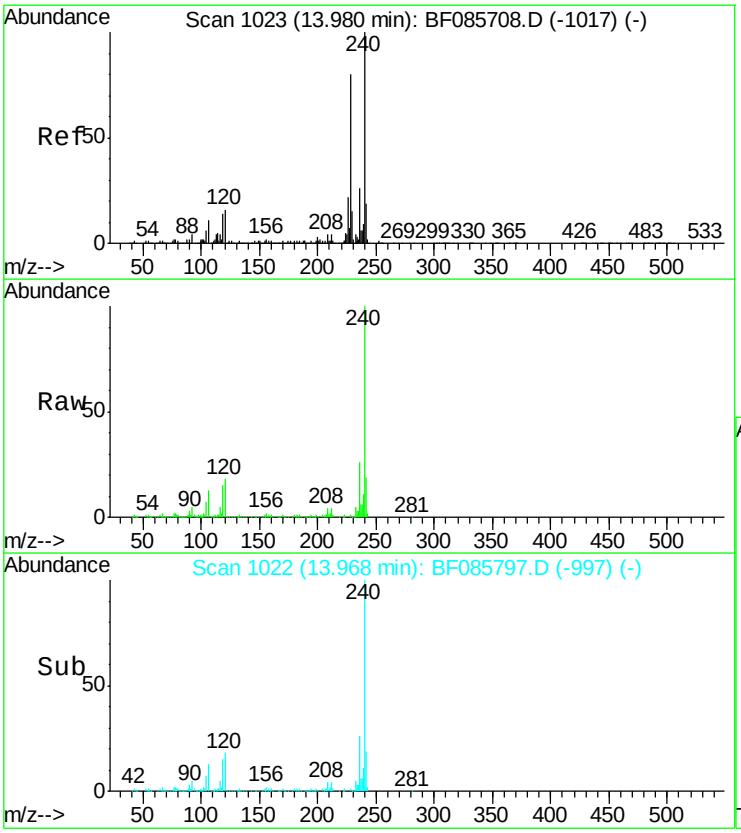
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-14B

Tgt Ion:188 Resp: 418353

Ion	Ratio	Lower	Upper
188	100		
94	9.7	5.4	8.0#
80	10.1	5.5	8.3#

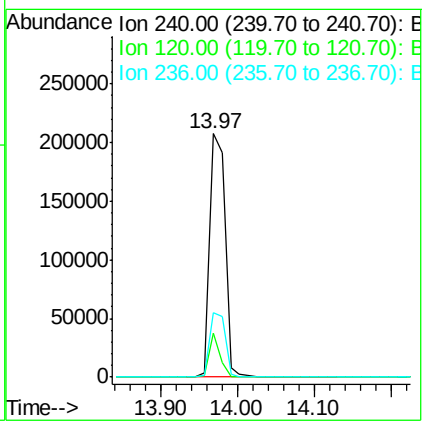


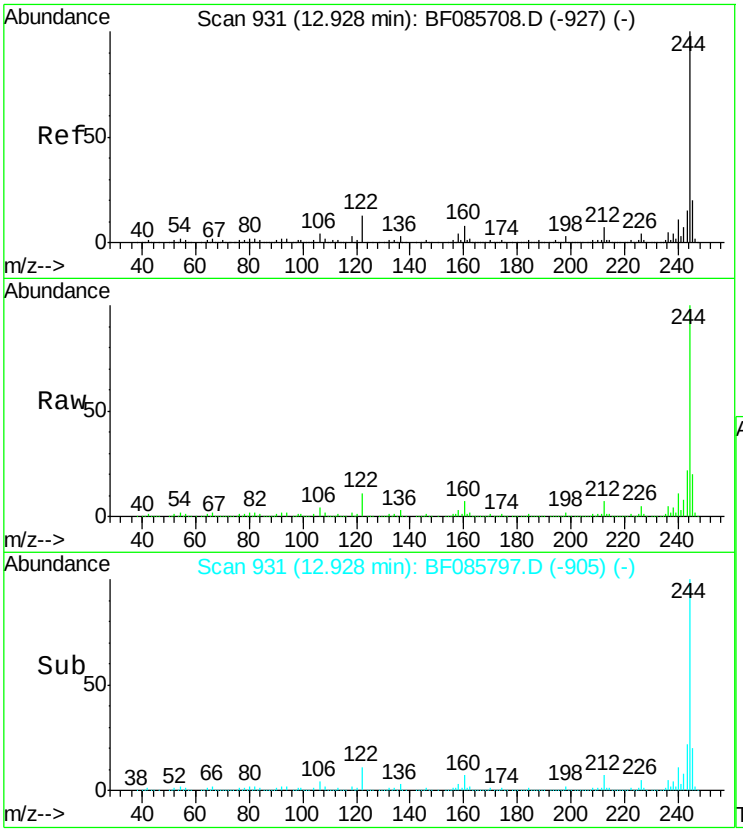


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Tgt Ion:240 Resp: 286848

Ion	Ratio	Lower	Upper
240	100		
120	17.9	13.8	20.8
236	26.5	20.6	30.8



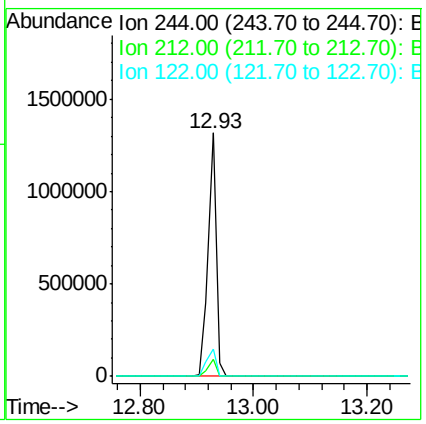


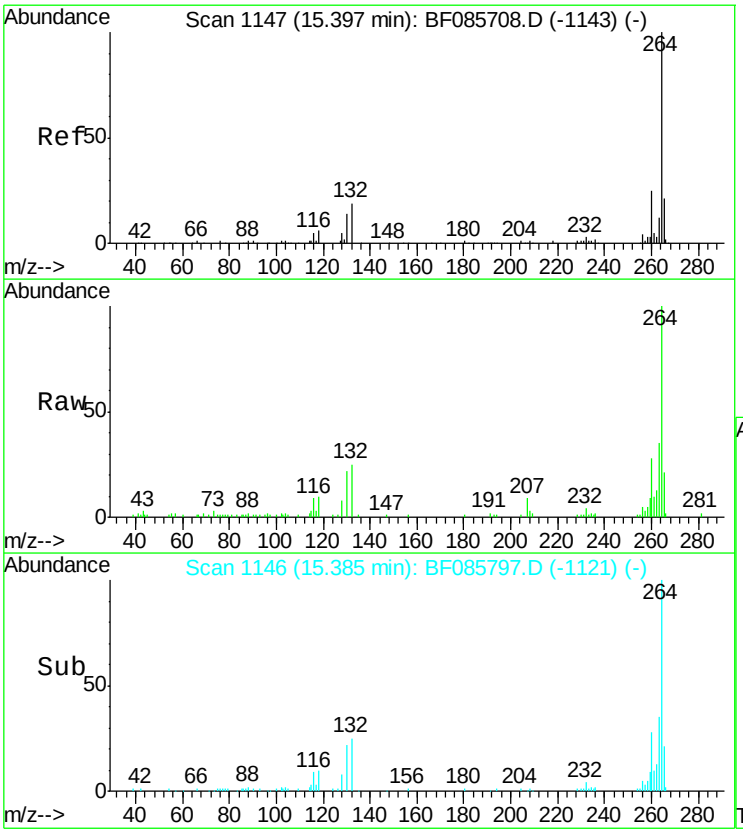
#78
Terphenyl-d14
Concen: 89.13 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-14B

Tgt Ion:244 Resp: 1243145

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.1	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085797.D
Acq: 28 Mar 2016 13:07

Tgt Ion:264 Resp: 61849

Ion	Ratio	Lower	Upper
264	100		
260	28.2	19.4	29.2
265	21.0	17.2	25.8