Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085749.D
Acq On : 25 Mar 2016 8:29
Operator : UM/SJ
Sample : H1885-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-15B

Quant Time: Mar 25 14:15:03 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	6.82	152	112208	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	411646	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	181819	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	266918	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	216000	20.00	ng	0.00
86) Perylene-d12	15.40	264	213737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	837734	124.34	ng	0.02
7) Phenol-d6	6.46	99	1046843	122.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	667275	91.28	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	186137	107.75	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1062411	97.63	ng	0.00
78) Terphenyl-d14	12.93	244	668185	63.62	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	231487	16.78	ng	100

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

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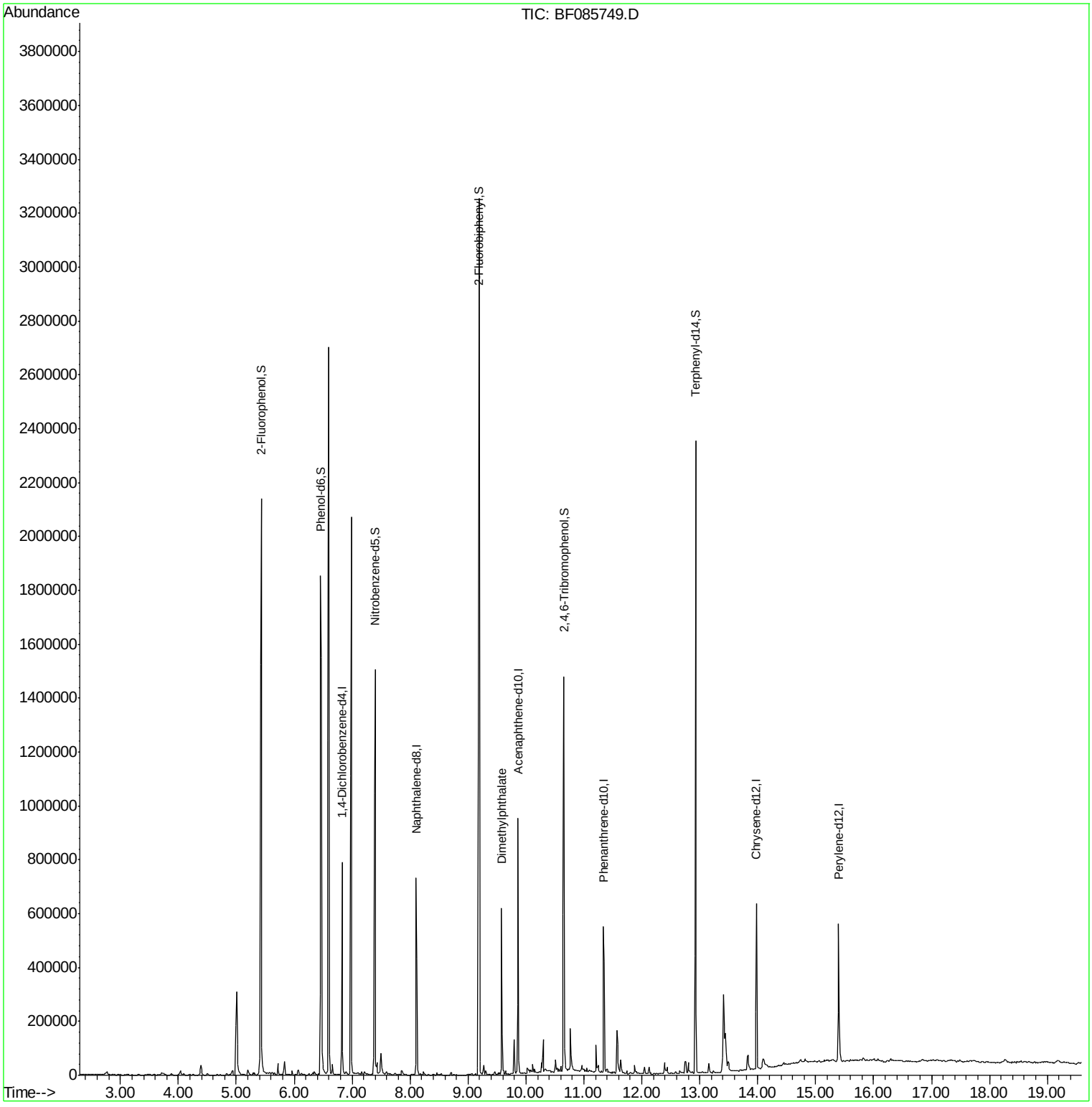
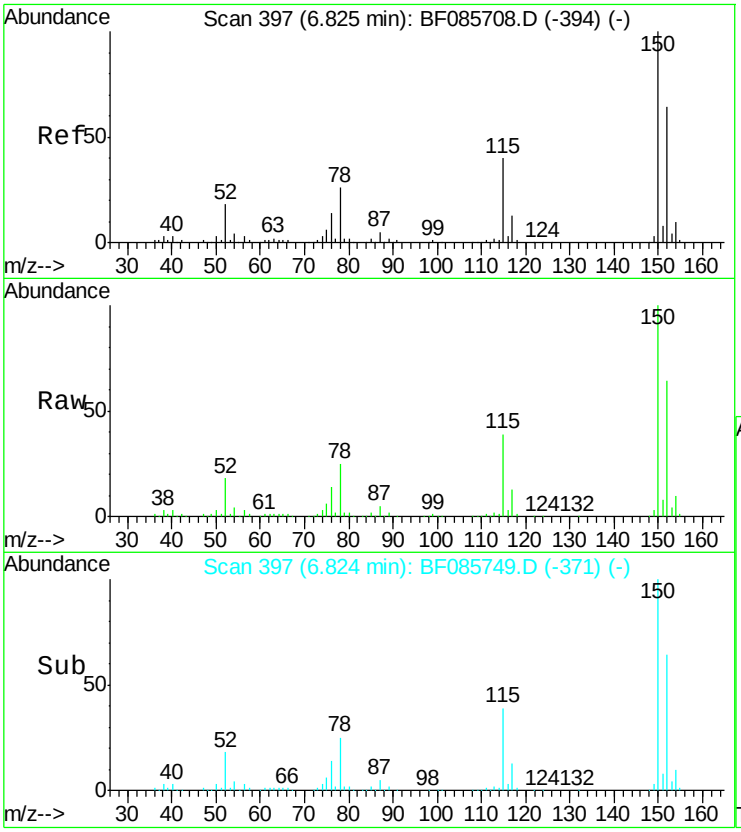


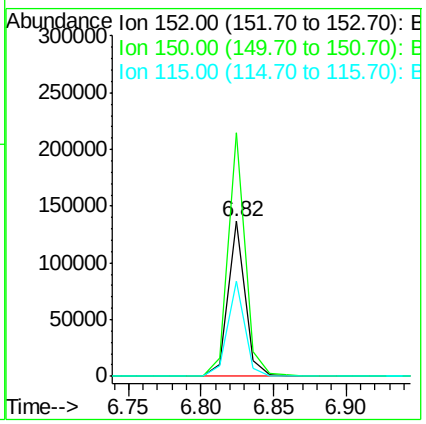


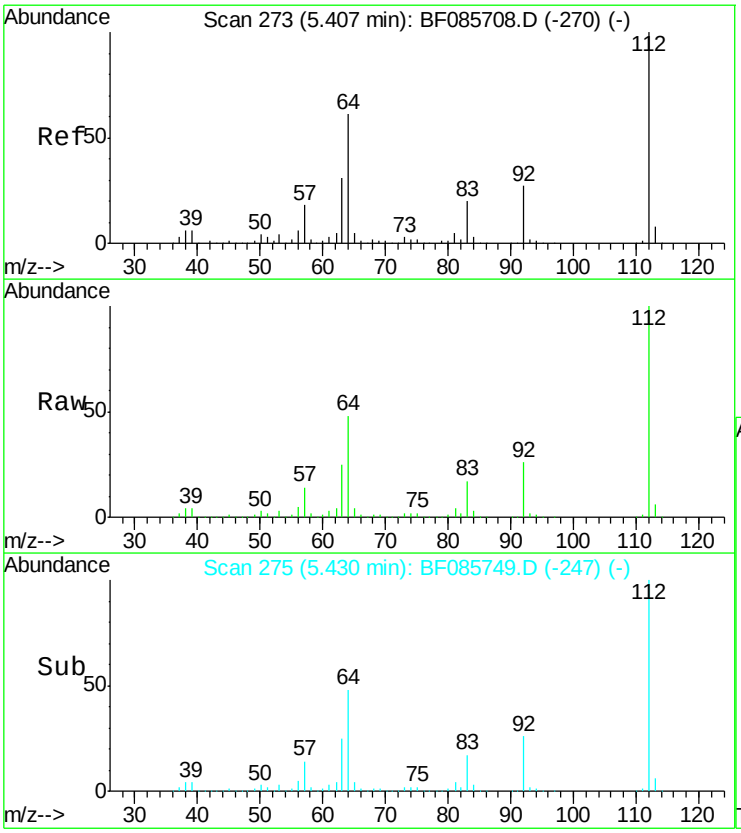
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-15B

Tgt Ion:152 Resp: 112208

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.2	186.2
115	61.7	47.0	70.6

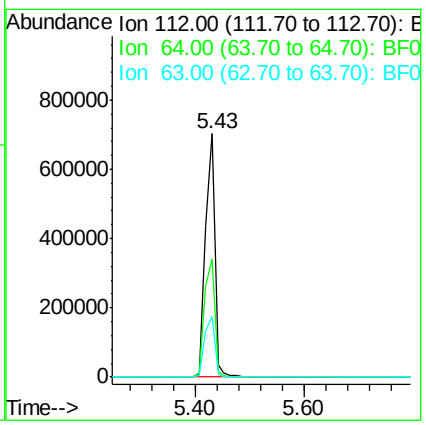


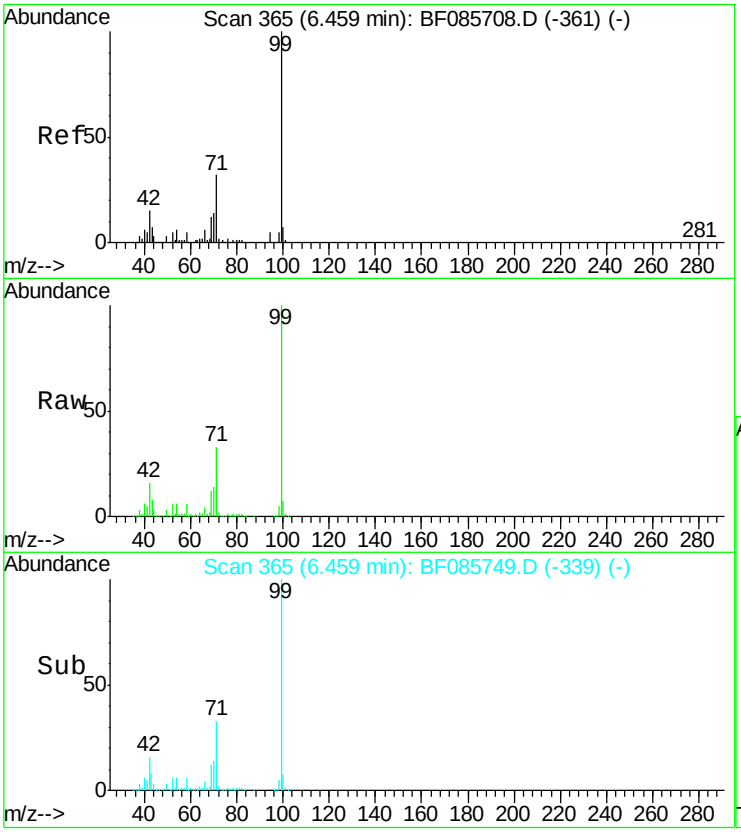


#5
2-Fluorophenol
Concen: 124.34 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Tgt Ion:112 Resp: 837734

Ion	Ratio	Lower	Upper
112	100		
64	48.5	39.9	59.9
63	24.7	20.2	30.2



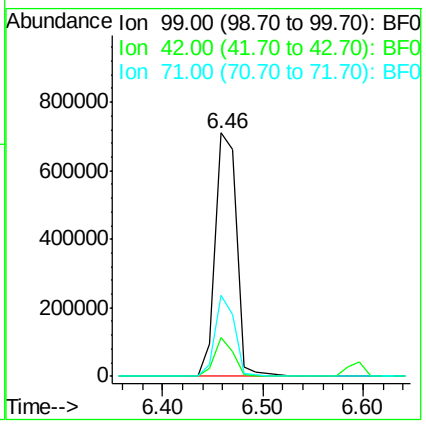


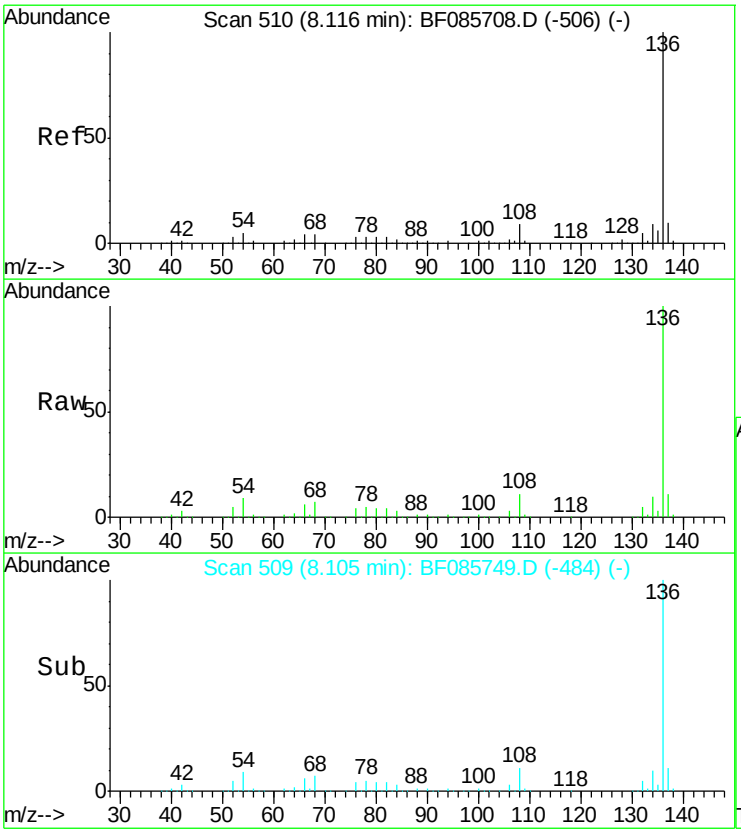
#7
Phenol-d6
Concen: 122.20 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-15B

Tgt Ion: 99 Resp: 1046843

Ion	Ratio	Lower	Upper
99	100		
42	16.0	11.1	16.7
71	33.2	24.9	37.3

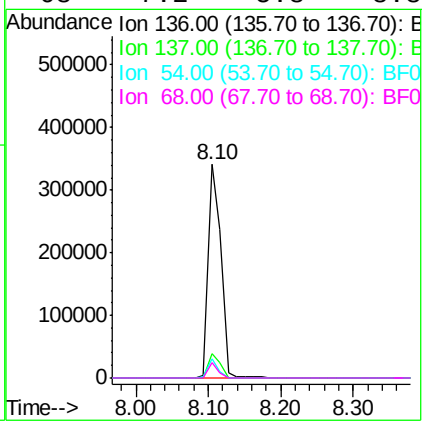


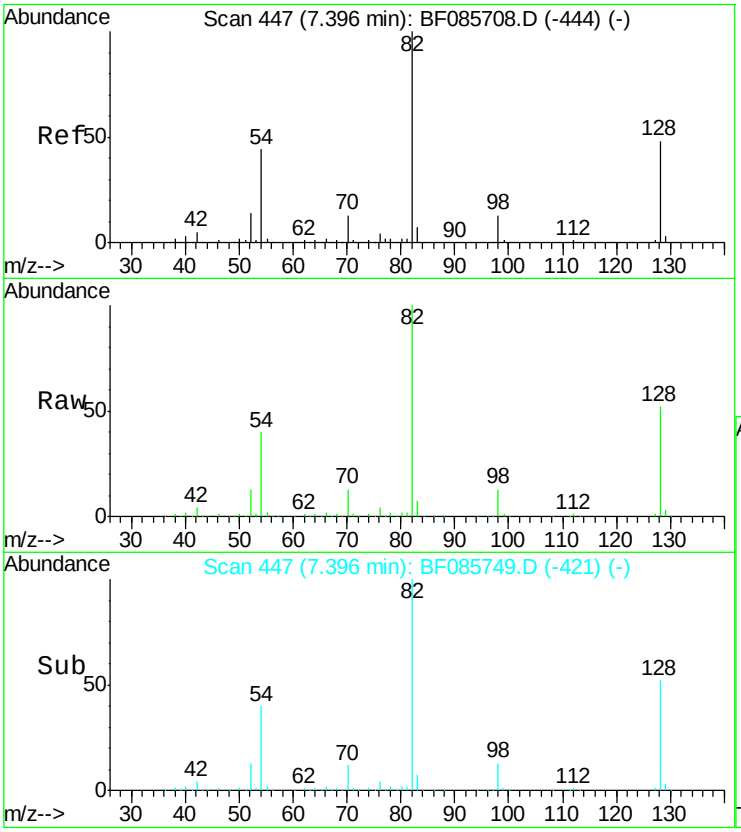


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Tgt Ion:136 Resp: 411646

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.1	7.4	11.0
68	7.2	5.8	8.8



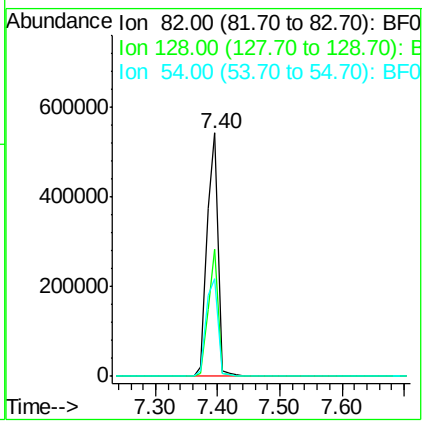


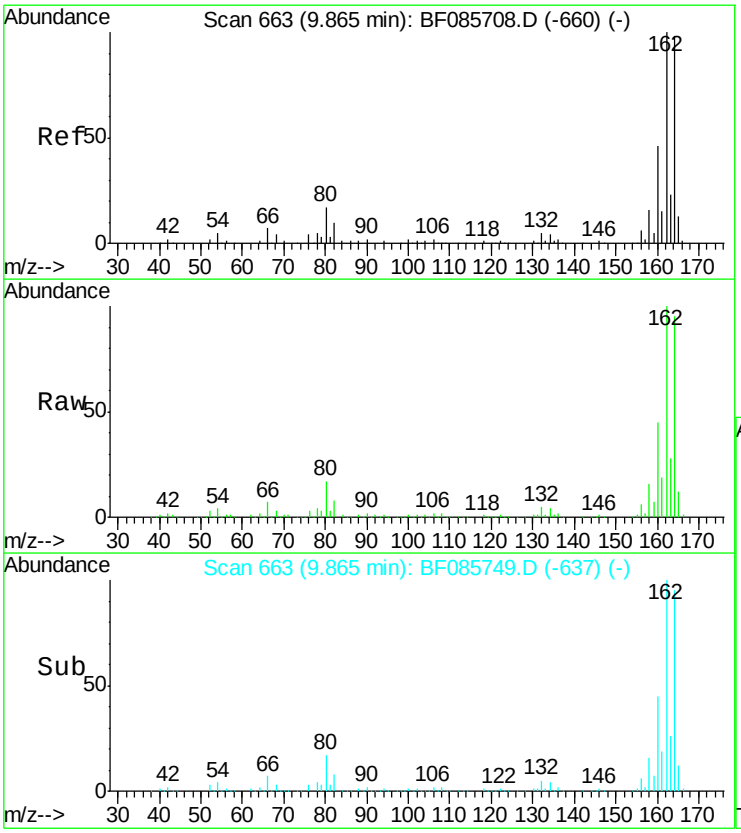
#23
Nitrobenzene-d5
Concen: 91.28 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-15B

Tgt Ion: 82 Resp: 667275

Ion	Ratio	Lower	Upper
82	100		
128	52.1	41.8	62.8
54	40.0	33.4	50.0

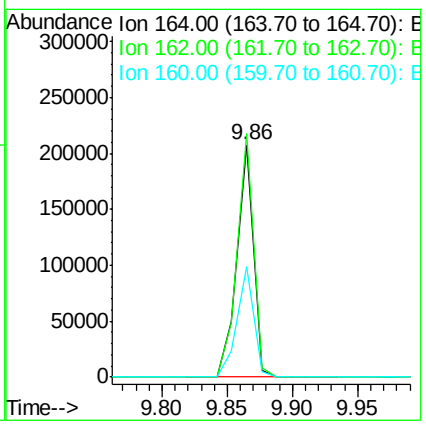


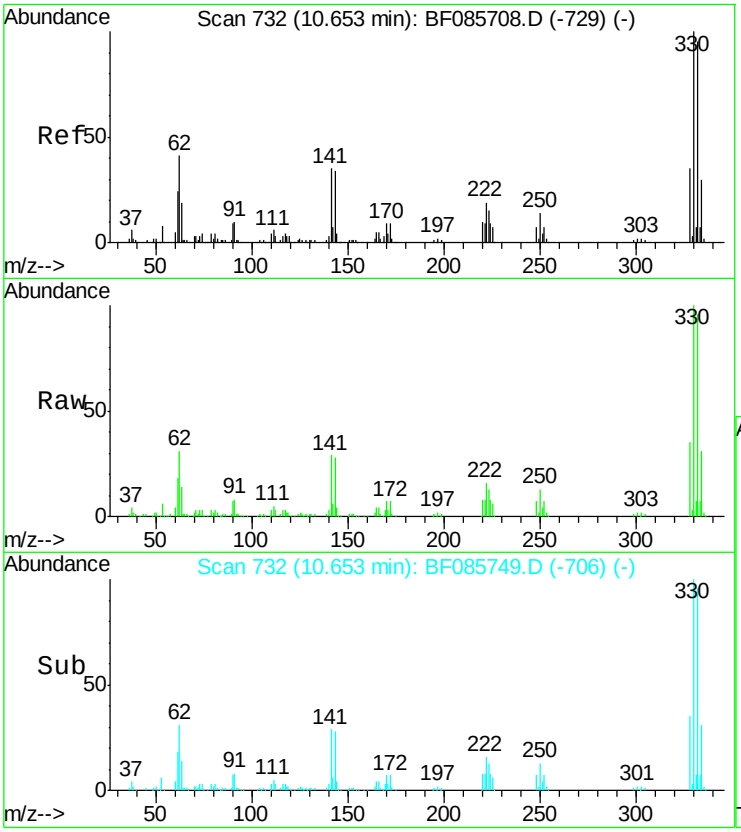


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Tgt Ion:164 Resp: 181819

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.1	123.1
160	47.6	37.4	56.2



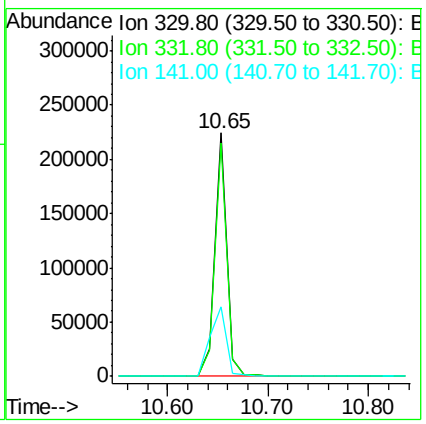


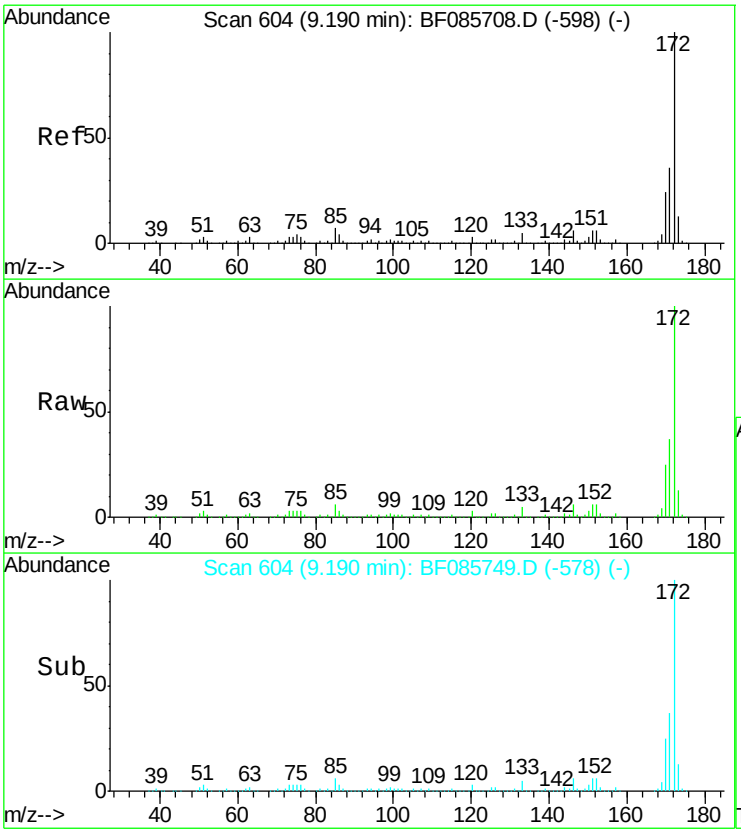
#41
2,4,6-Tribromophenol
Concen: 107.75 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-15B

Tgt Ion:330 Resp: 186137

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.2
141	39.1	31.5	47.3

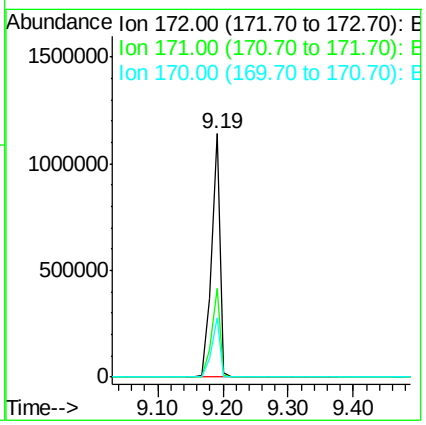


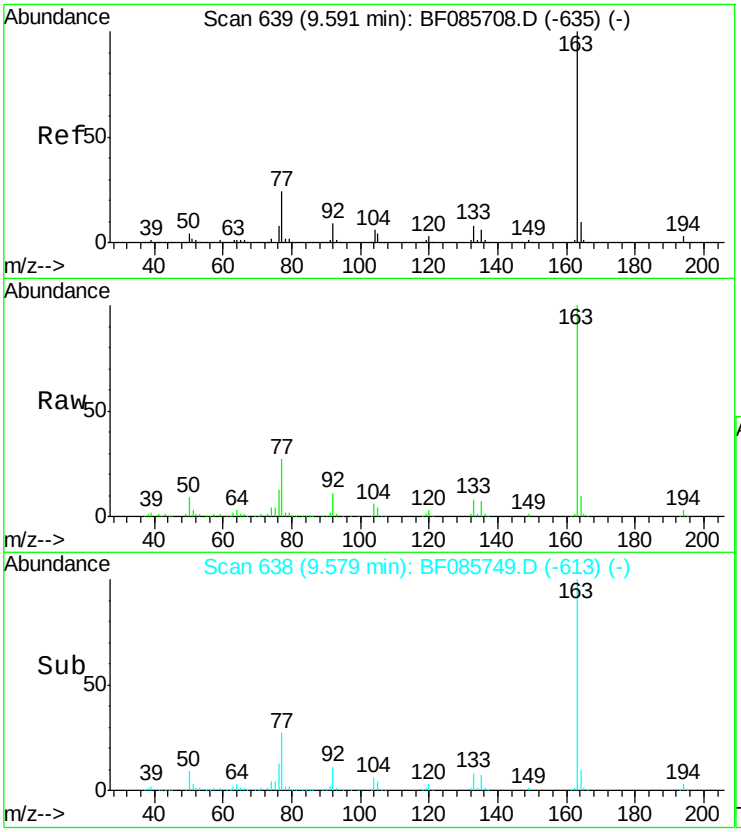


#44
2-Fluorobiphenyl
Concen: 97.63 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Tgt Ion:172 Resp: 1062411

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.6	19.8	29.6



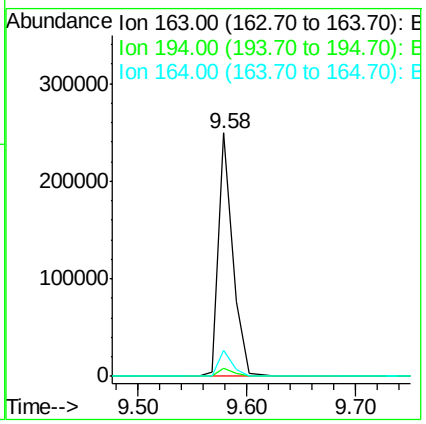


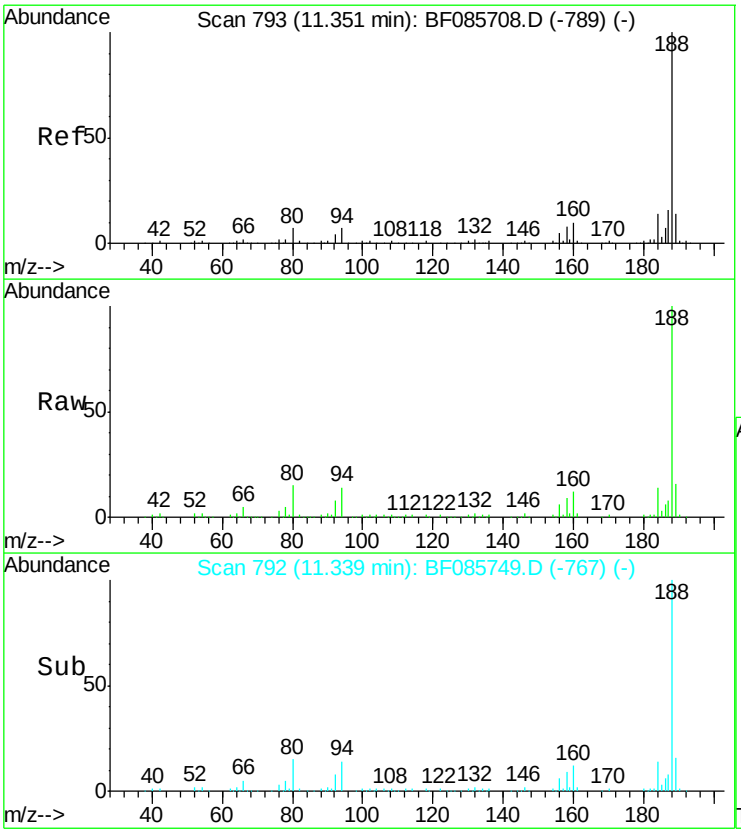
#49
Dimethylphthalate
Concen: 16.78 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-15B

Tgt Ion:163 Resp: 231487

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	10.5	8.3	12.5

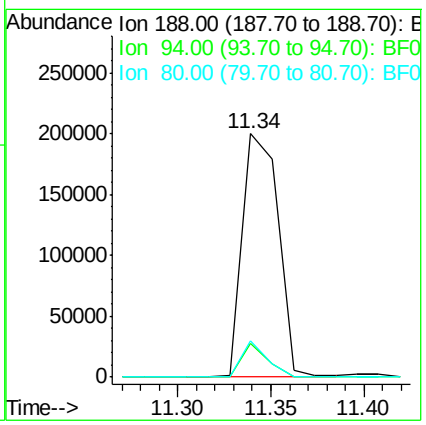


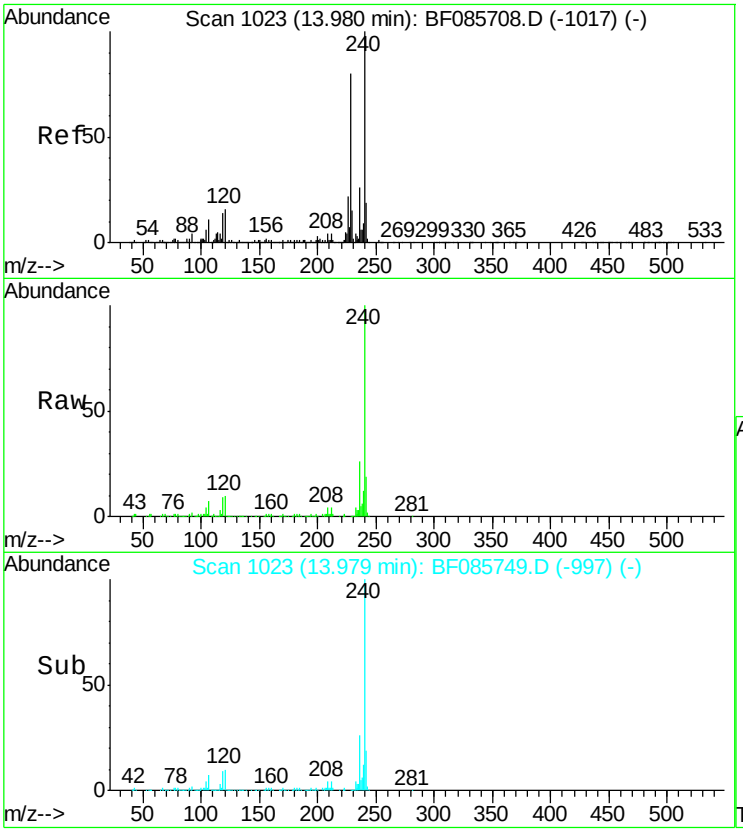


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Tgt Ion:188 Resp: 266918

Ion	Ratio	Lower	Upper
188	100		
94	14.0	5.4	8.0#
80	15.0	5.5	8.3#



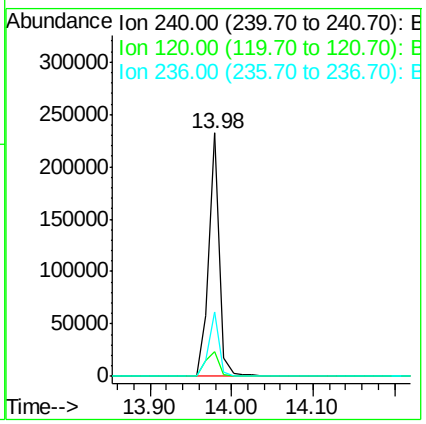


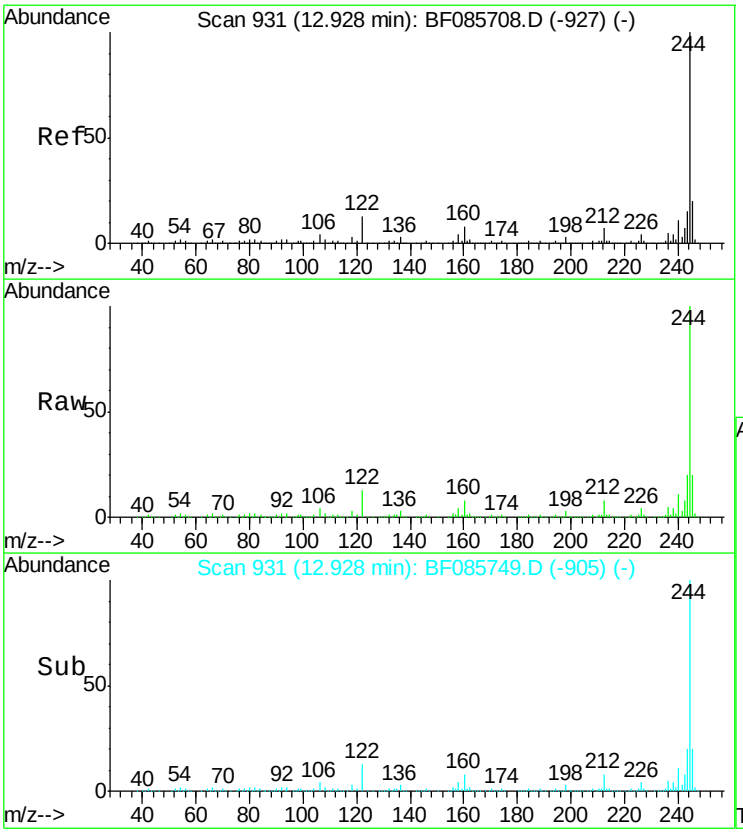
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-15B

Tgt Ion:240 Resp: 216000

Ion	Ratio	Lower	Upper
240	100		
120	10.4	13.8	20.8#
236	26.3	20.6	30.8

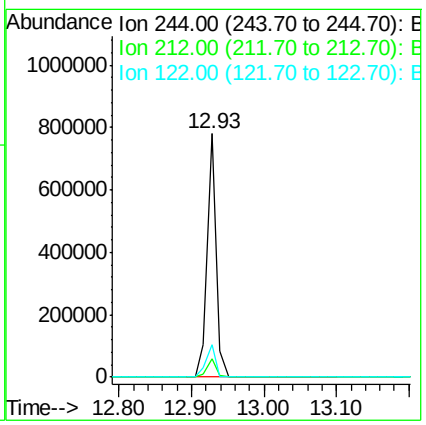


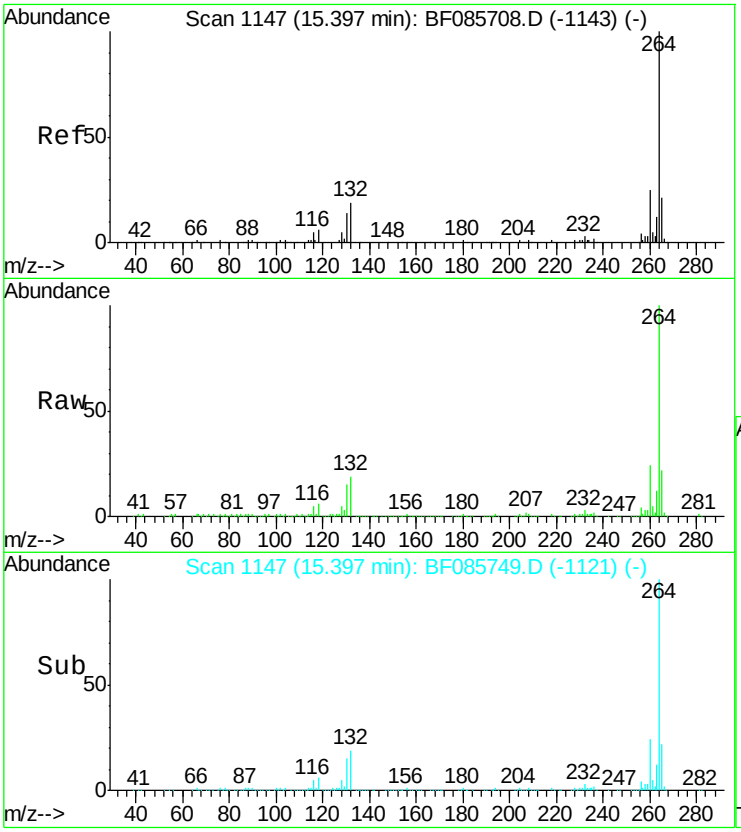


#78
Terphenyl-d14
Concen: 63.62 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Tgt Ion:244 Resp: 668185

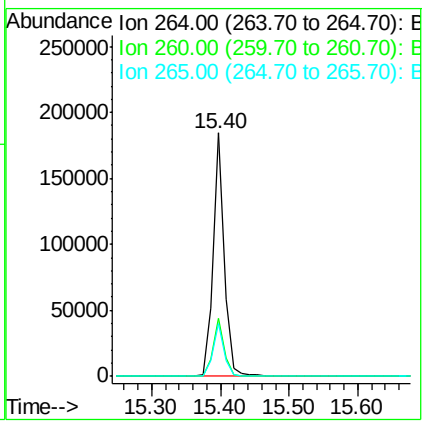
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	13.1	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-15B

Tgt Ion:264 Resp: 213737

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.9	17.2	25.8