Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085676.D
Acq On : 22 Mar 2016 23:28
Operator : UM/SJ
Sample : H1858-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-12B

Quant Time: Mar 23 02:09:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	128634	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	557242	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	258451	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	536093	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	407683	20.00	ng	-0.03
86) Perylene-d12	15.40	264	293945	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	734308	95.88	ng	-0.02
7) Phenol-d6	6.47	99	1121518	114.18	ng	-0.02
23) Nitrobenzene-d5	7.40	82	641603	66.83	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	295644	116.78	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1102133	69.48	ng	-0.03
78) Terphenyl-d14	12.94	244	1268334	74.86	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	199010	10.20	ng	99

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

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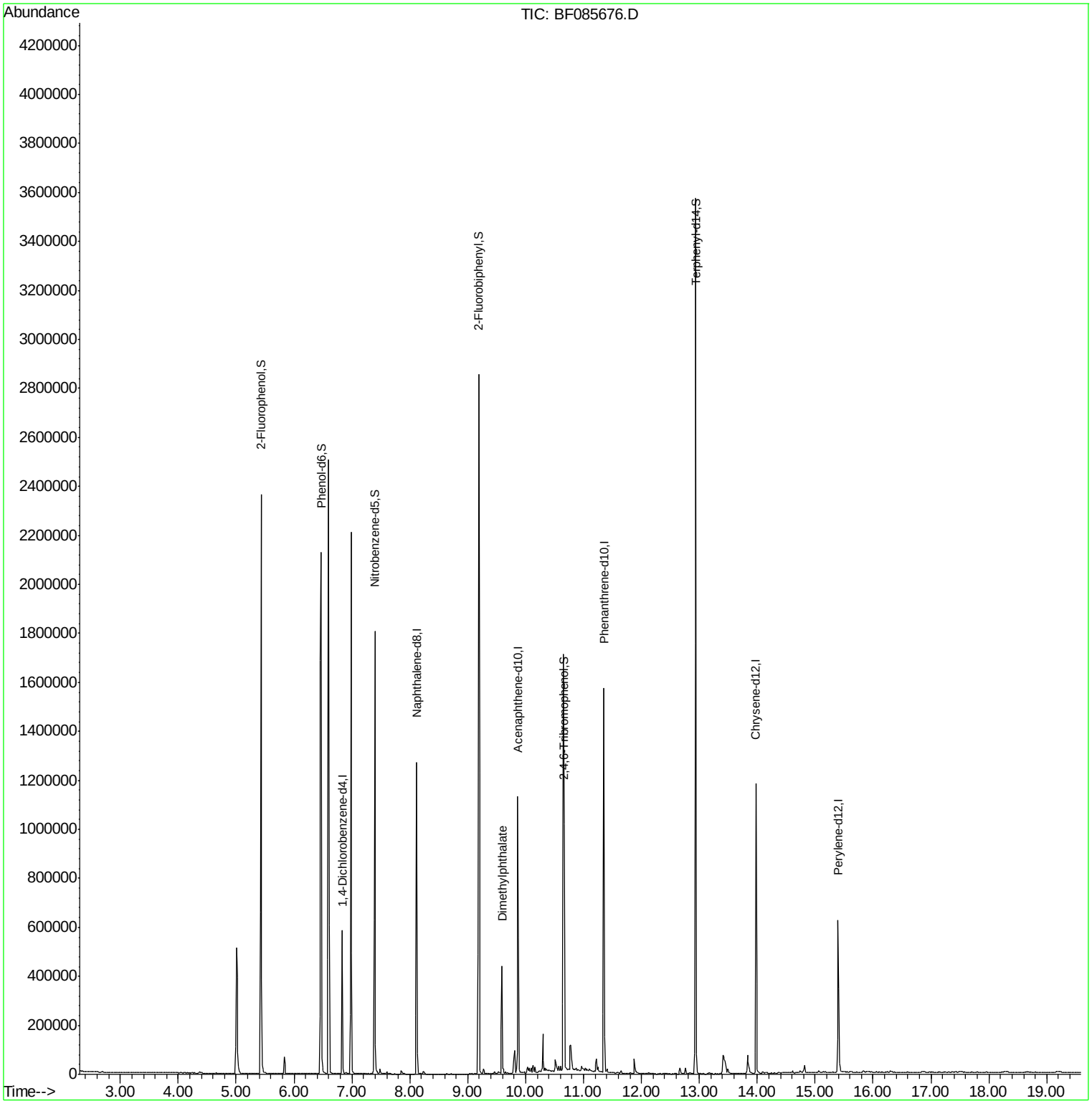
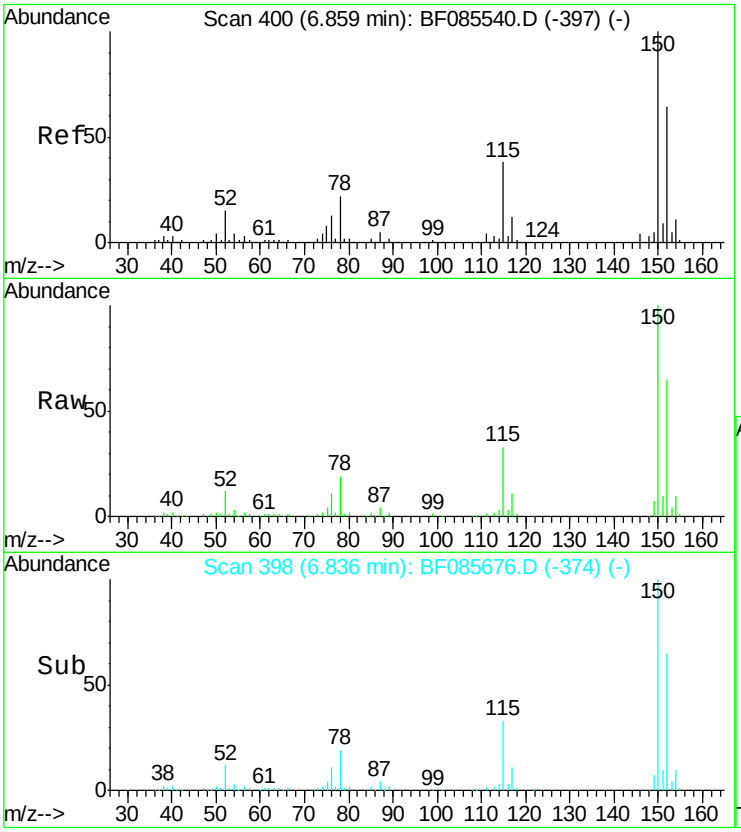


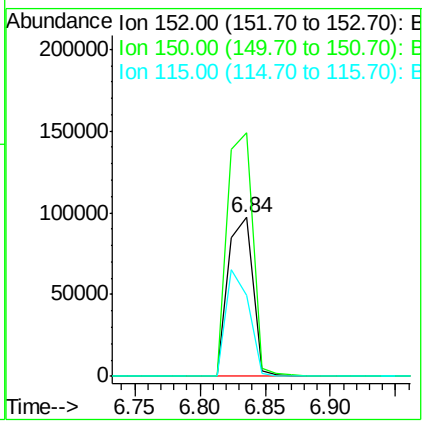


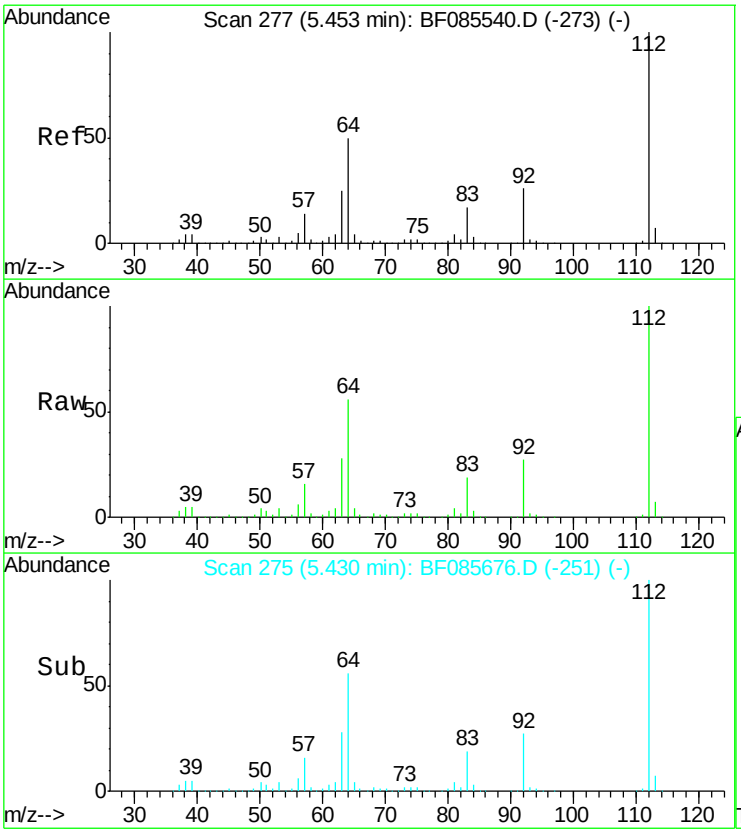
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12B

Tgt Ion:152 Resp: 128634

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.2	186.2
115	51.3	47.0	70.6

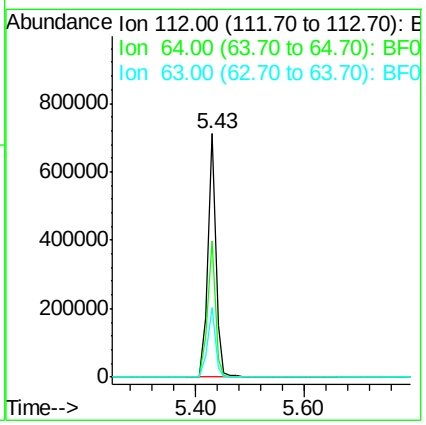


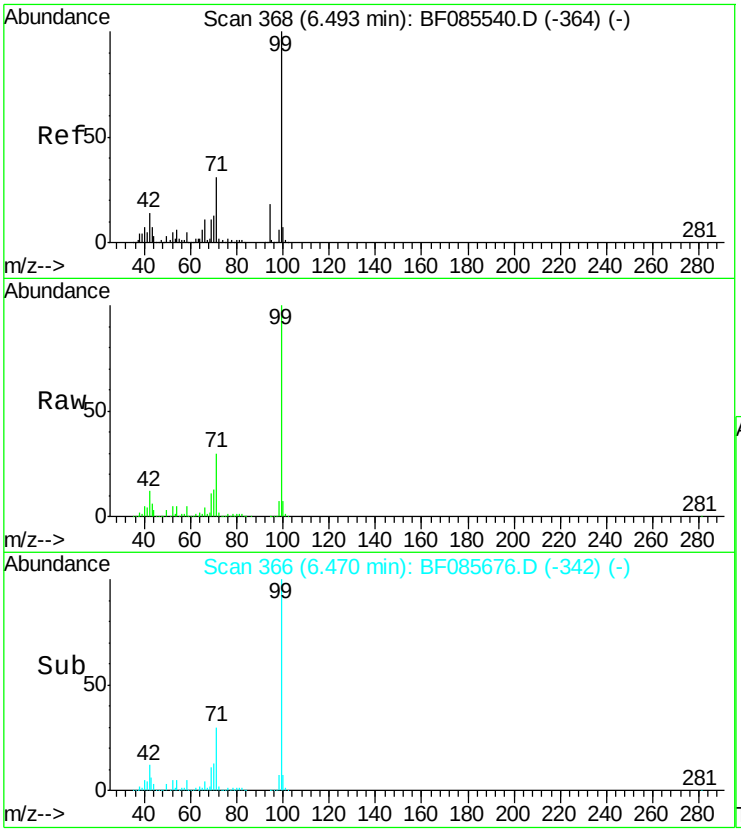


#5
2-Fluorophenol
Concen: 95.88 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.02 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Tgt Ion:112 Resp: 734308

Ion	Ratio	Lower	Upper
112	100		
64	55.8	39.9	59.9
63	28.3	20.2	30.2



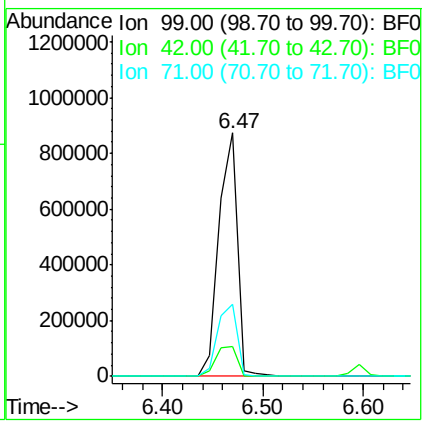


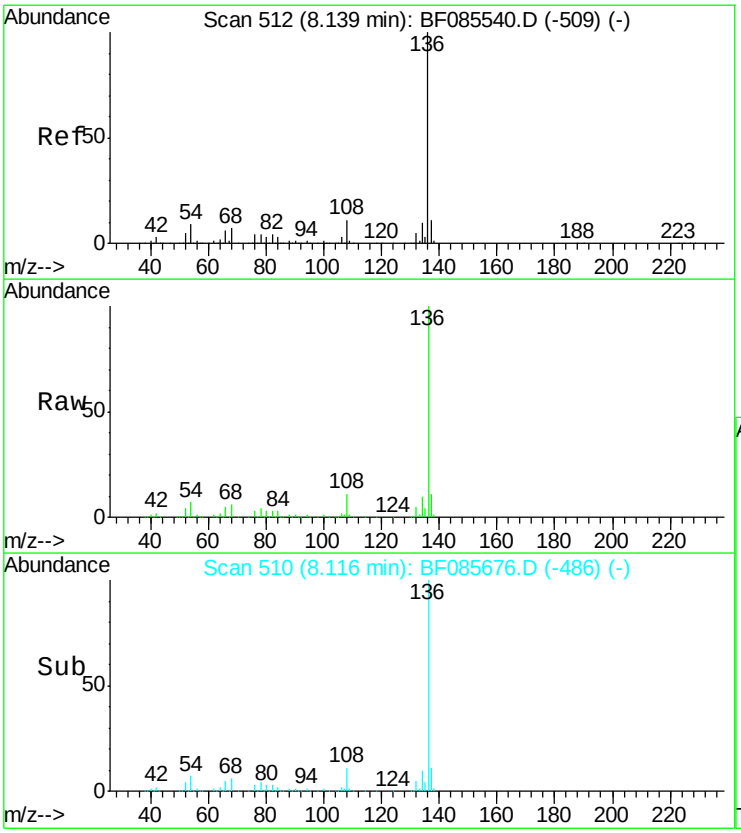
#7
Phenol-d6
Concen: 114.18 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12B

Tgt Ion: 99 Resp: 1121518

Ion	Ratio	Lower	Upper
99	100		
42	12.3	11.1	16.7
71	29.7	24.9	37.3

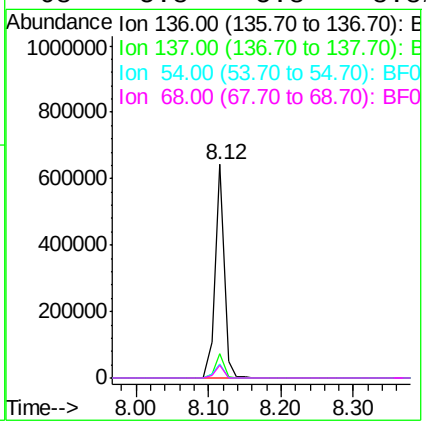


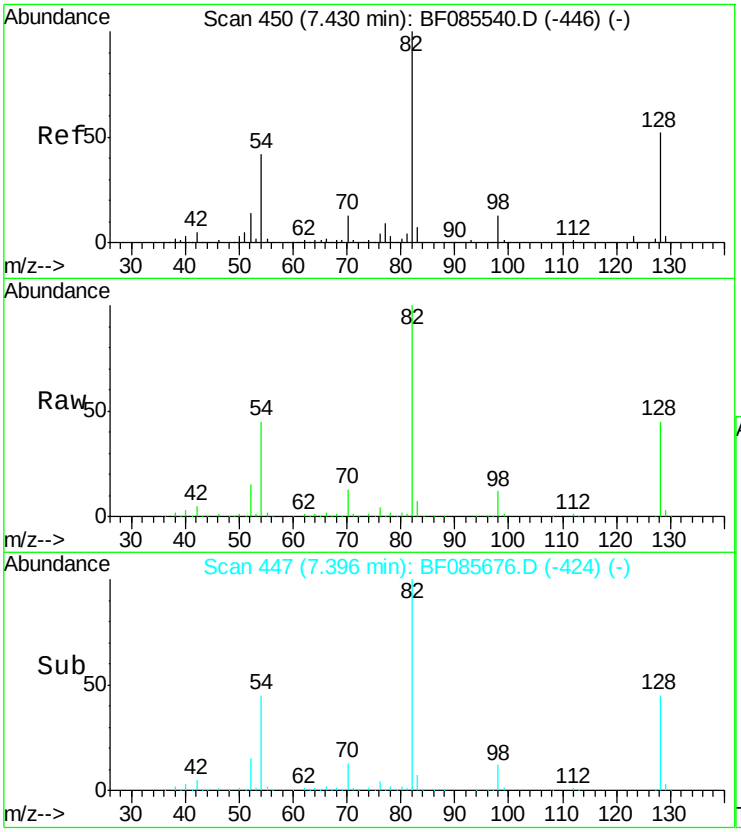


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Tgt Ion:136 Resp: 557242

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.7	7.4	11.0#
68	5.8	5.8	8.8#



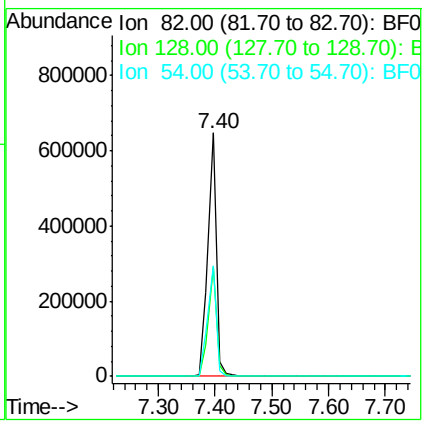


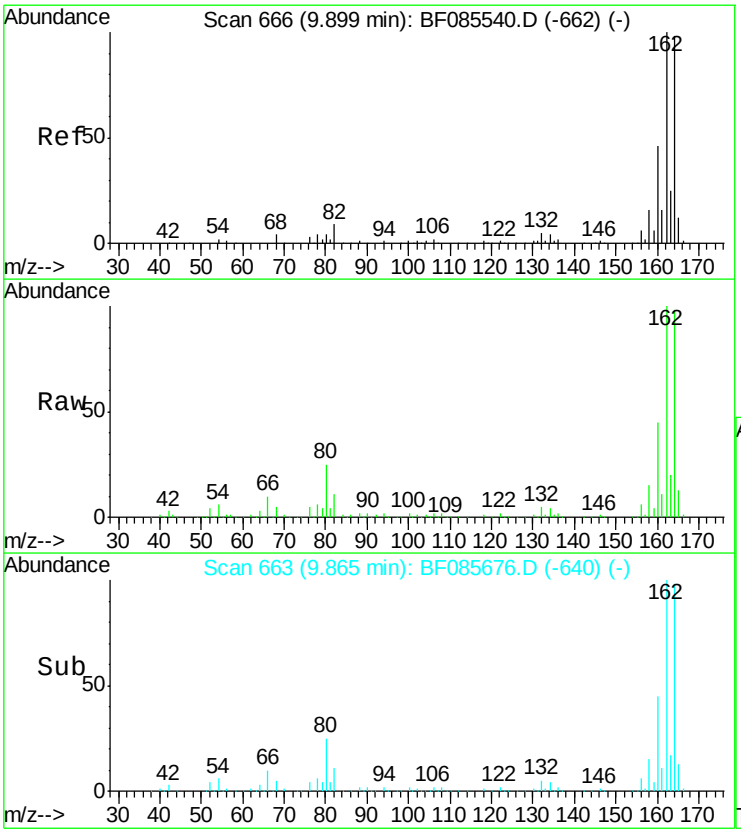
#23
Nitrobenzene-d5
Concen: 66.83 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12B

Tgt Ion: 82 Resp: 641603

Ion	Ratio	Lower	Upper
82	100		
128	44.9	41.8	62.8
54	45.4	33.4	50.0

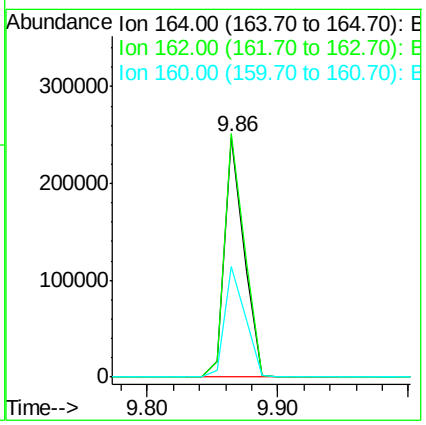


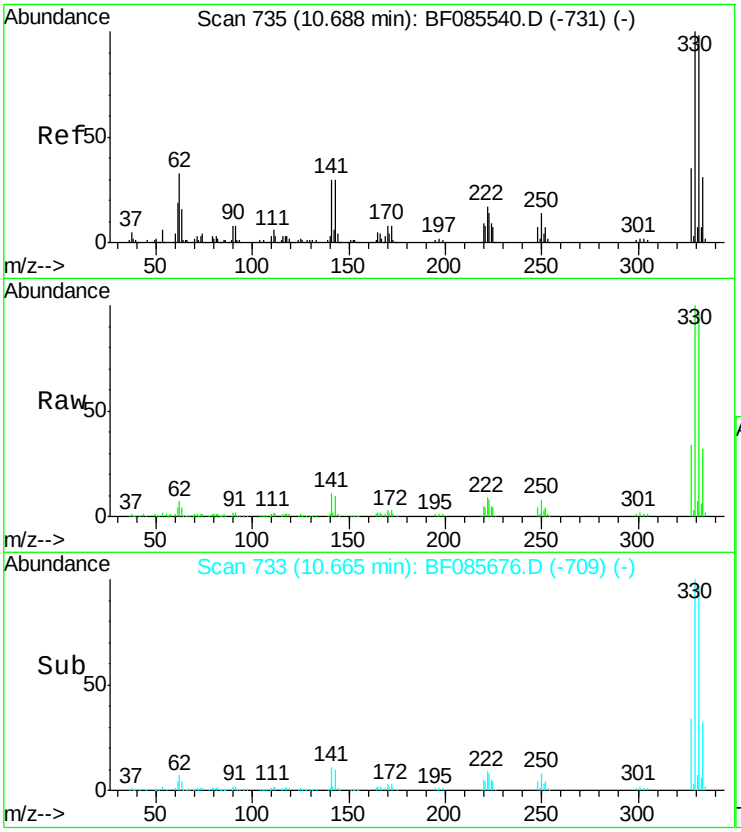


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Tgt Ion:164 Resp: 258451

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.1	123.1
160	46.0	37.4	56.2



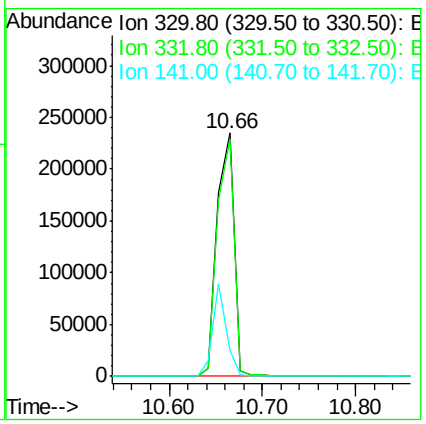


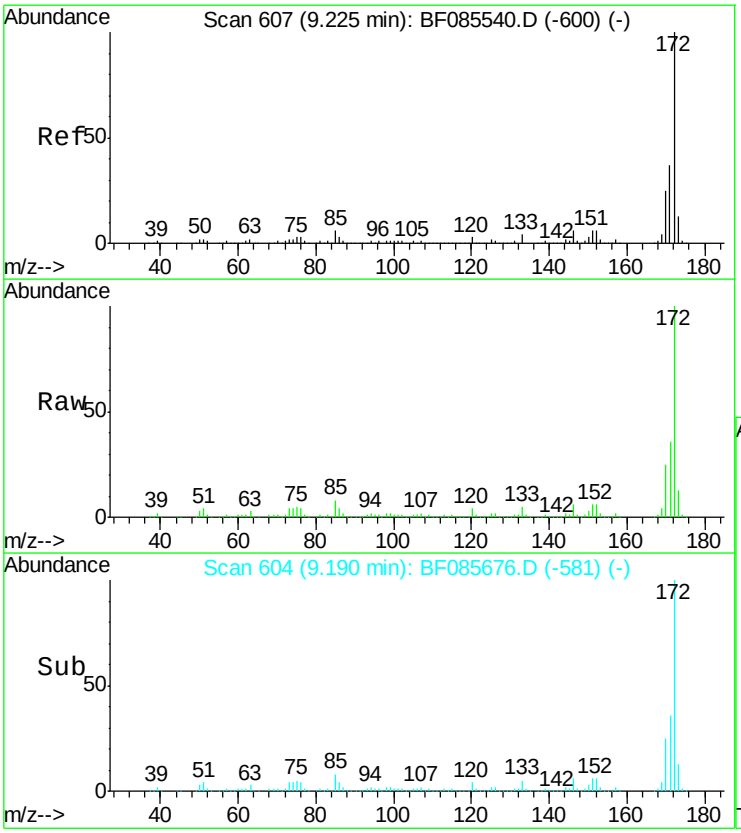
#41
2,4,6-Tribromophenol
Concen: 116.78 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12B

Tgt Ion:330 Resp: 295644

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.2
141	31.0	31.5	47.3#

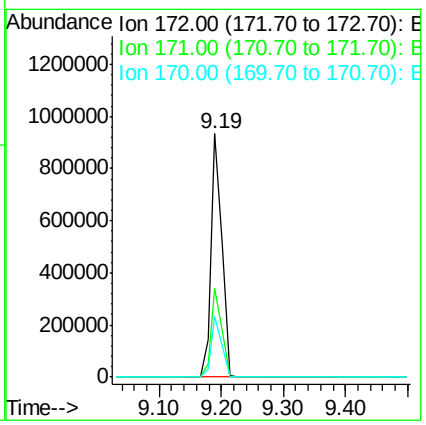


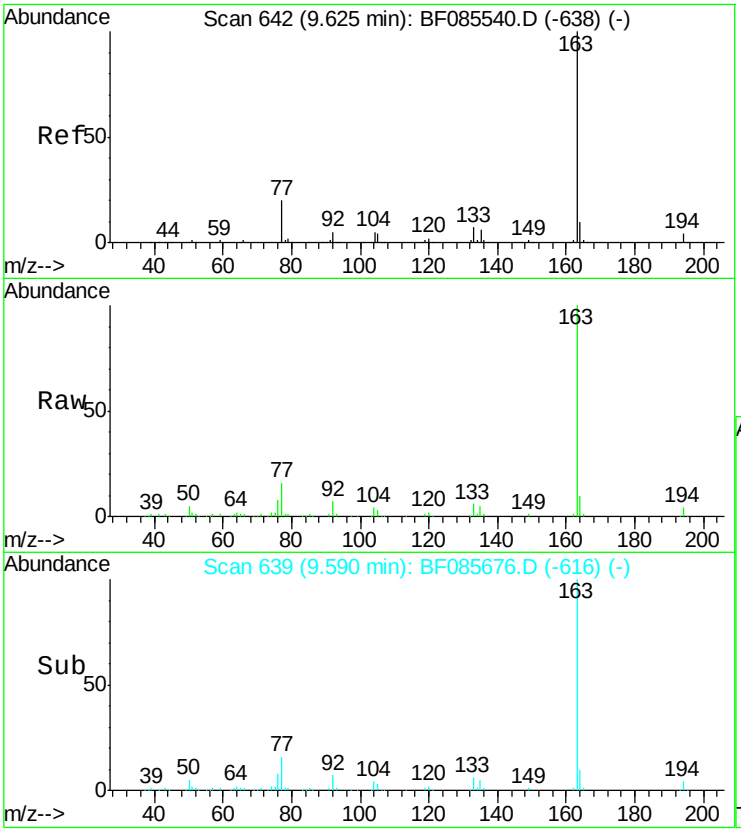


#44
2-Fluorobiphenyl
Concen: 69.48 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.03 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Tgt Ion:172 Resp: 1102133

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.6	19.8	29.6



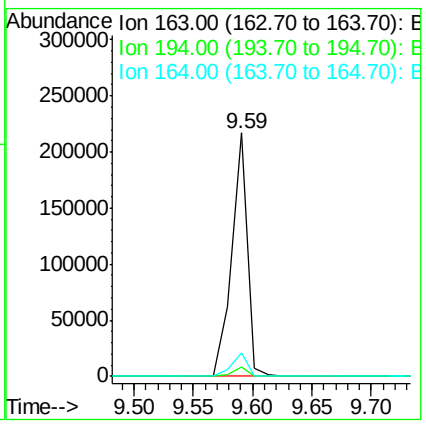


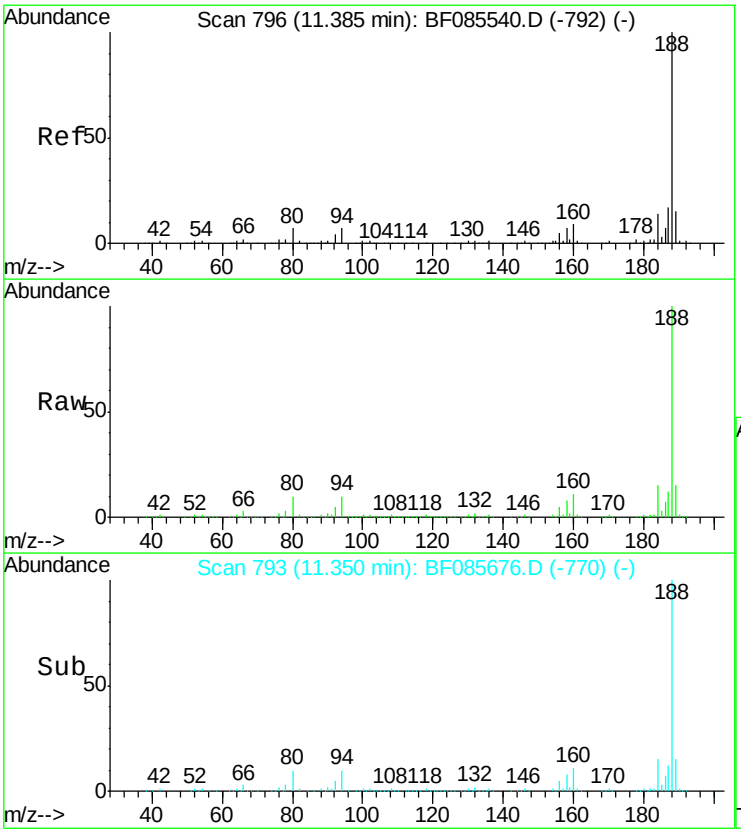
#49
Dimethylphthalate
Concen: 10.20 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12B

Tgt Ion:163 Resp: 199010

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	9.9	8.3	12.5

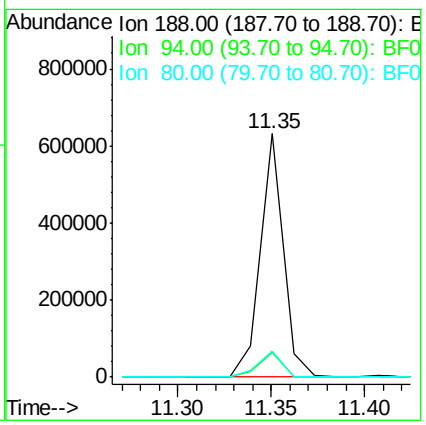


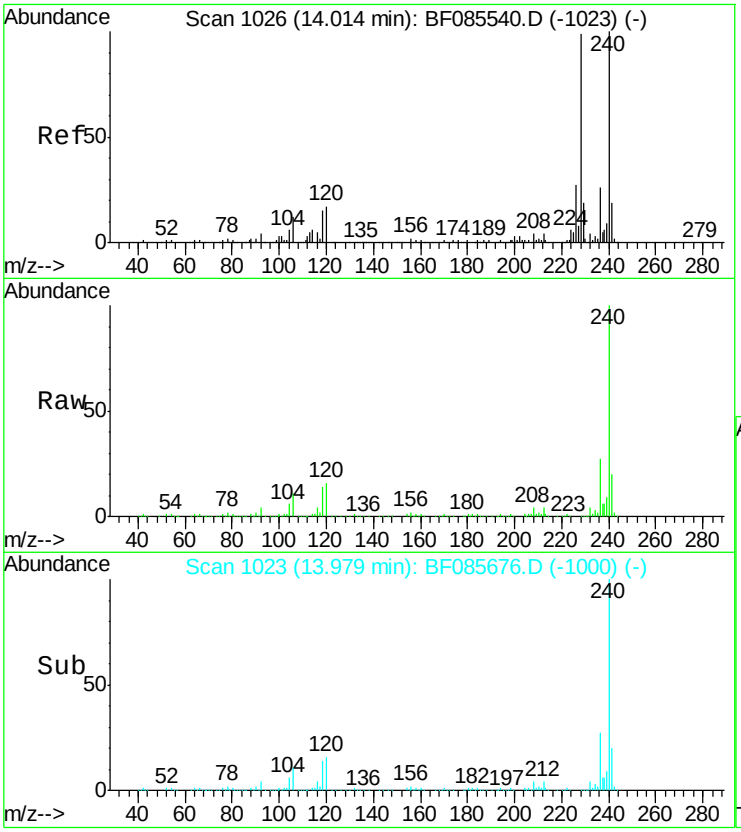


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Tgt Ion:188 Resp: 536093

Ion	Ratio	Lower	Upper
188	100		
94	10.2	5.4	8.0#
80	10.5	5.5	8.3#



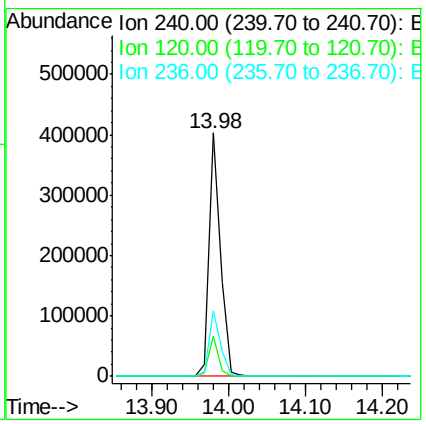


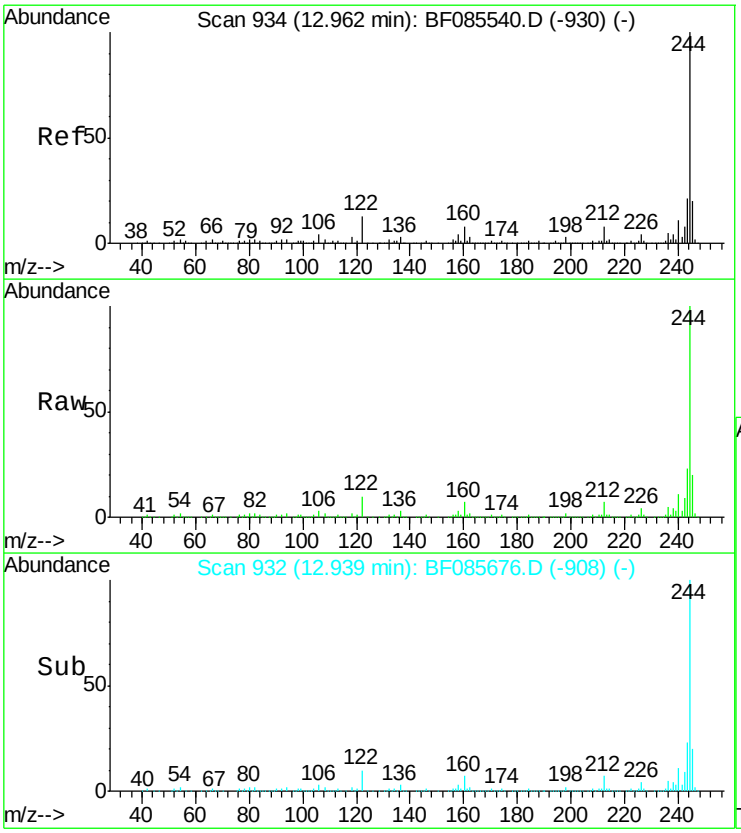
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.03 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12B

Tgt Ion:240 Resp: 407683

Ion	Ratio	Lower	Upper
240	100		
120	16.2	13.8	20.8
236	26.9	20.6	30.8

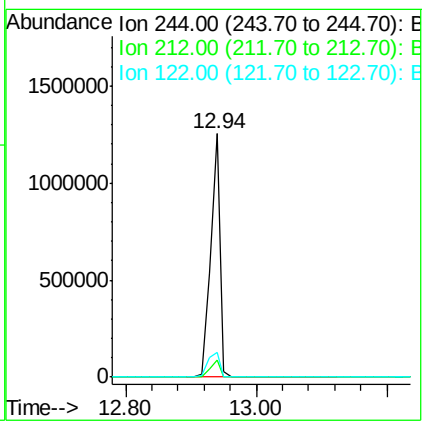


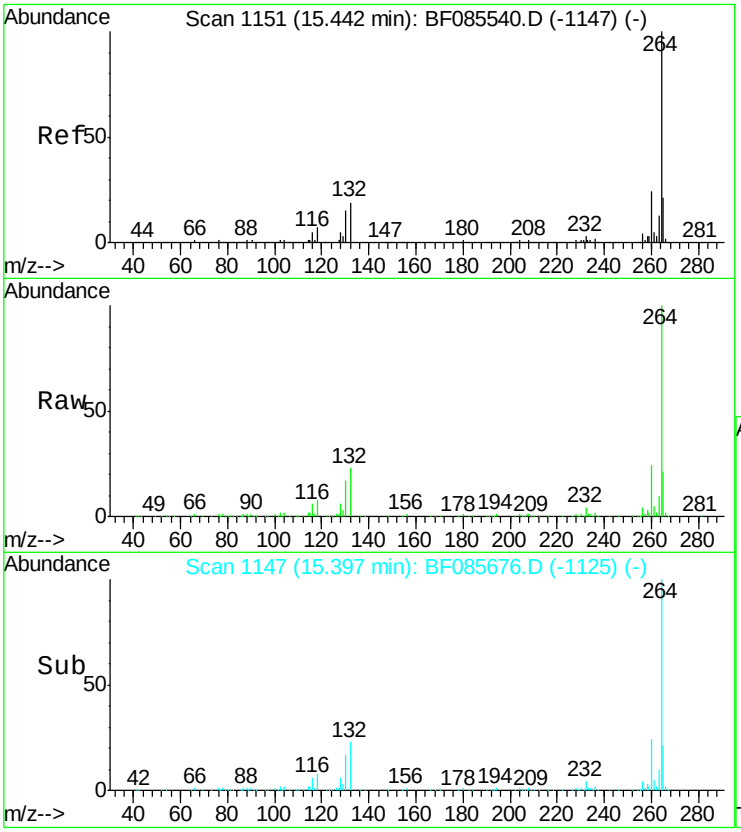


#78
Terphenyl-d14
Concen: 74.86 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Tgt Ion:244 Resp: 1268334

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.1	10.2	15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12B

Tgt Ion:264 Resp: 293945

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.4	17.2	25.8