Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085837.D
Acq On : 29 Mar 2016 8:00
Operator : UM/SJ
Sample : H1905-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-10B

Quant Time: Mar 29 11:15:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118506	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	450071	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	206192	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	368898	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	214009	20.00	ng	-0.01
86) Perylene-d12	15.39	264	185896	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	870321	122.31	ng	0.02
7) Phenol-d6	6.46	99	1078395	119.20	ng	0.00
23) Nitrobenzene-d5	7.38	82	754097	94.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	237805	121.39	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1123535	91.04	ng	-0.01
78) Terphenyl-d14	12.93	244	1054977	101.38	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.12	128	53783	2.37	ng	99

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

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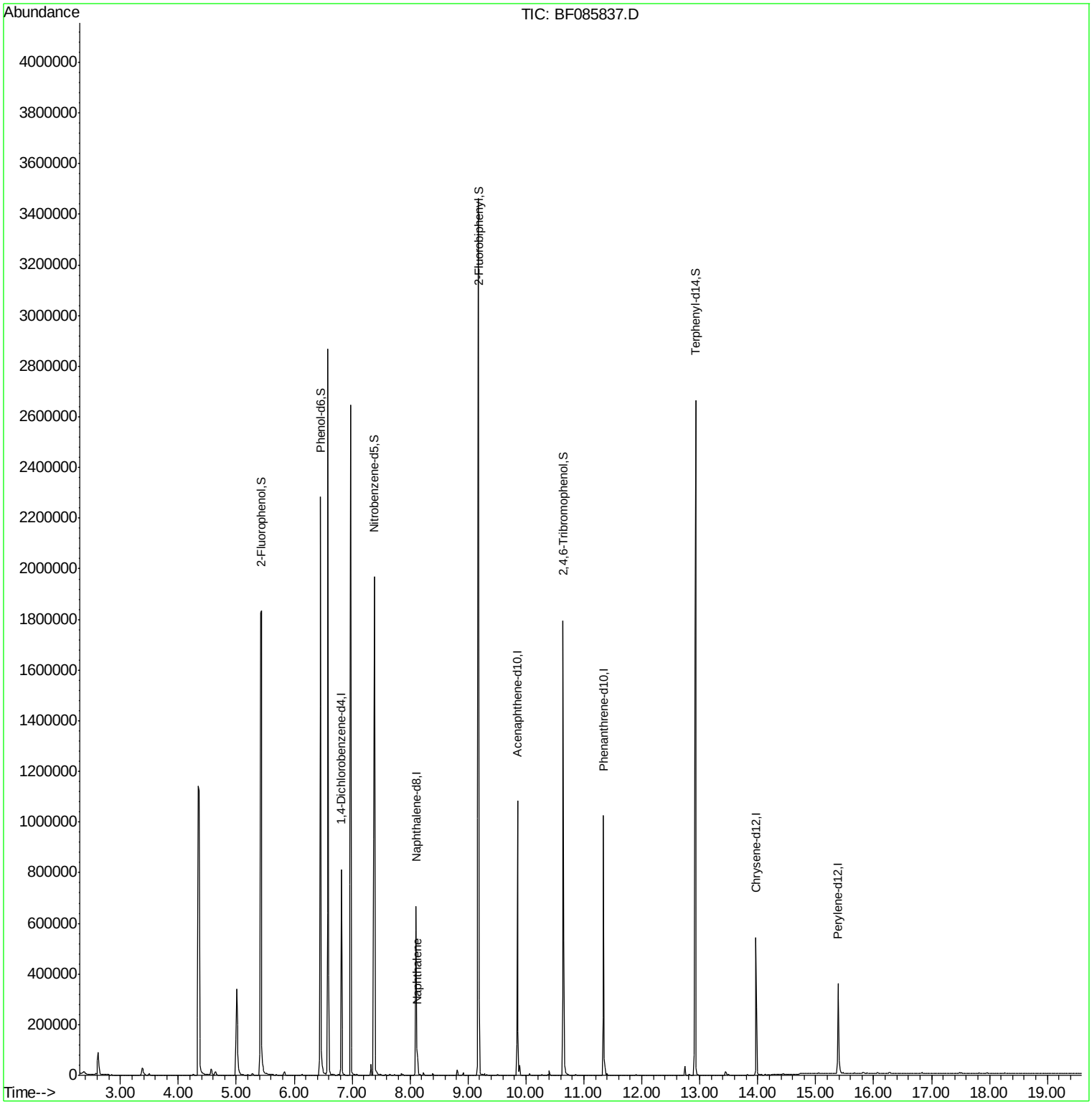
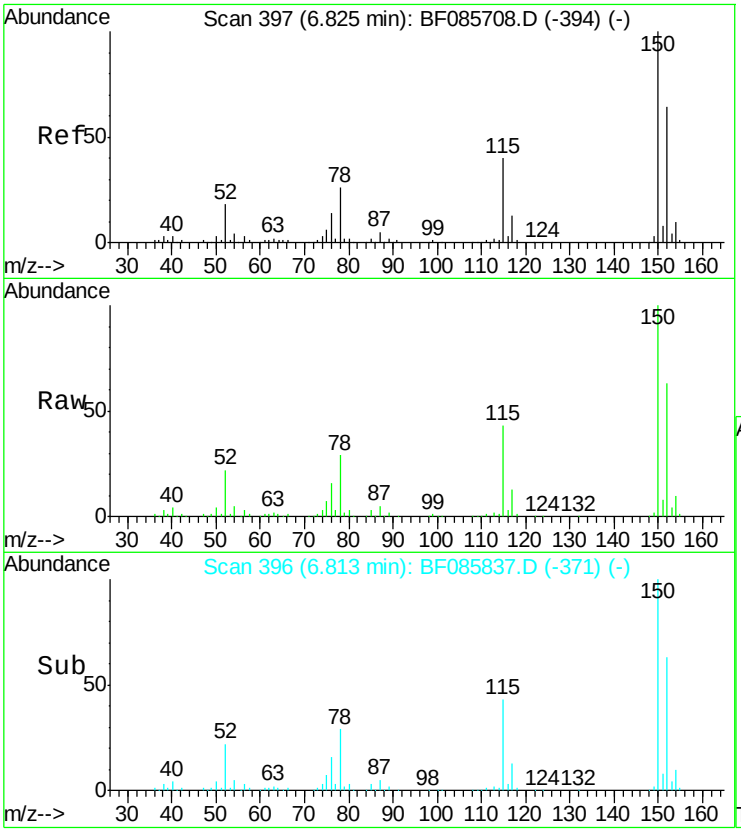


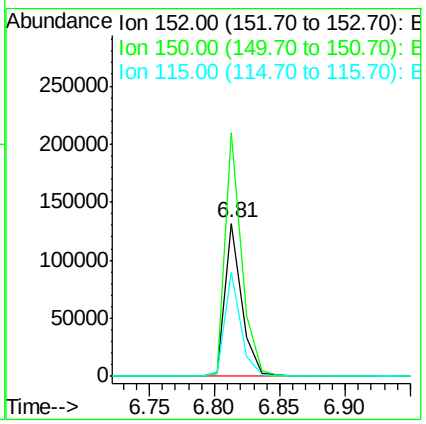


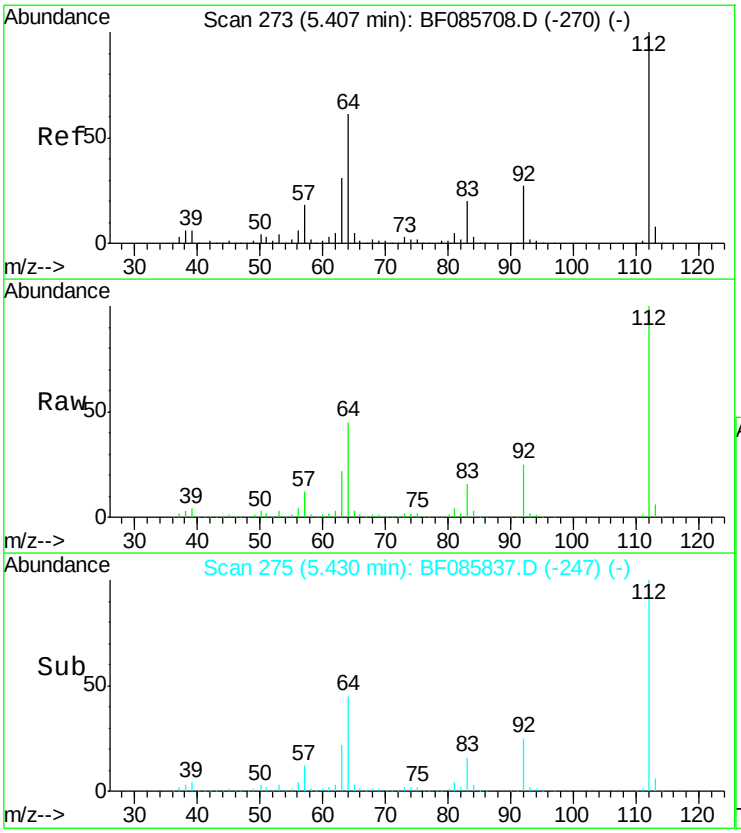
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085837.D
Acq: 29 Mar 2016 8:00

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10B

Tgt Ion:152 Resp: 118506

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.2	186.2
115	67.8	47.0	70.6

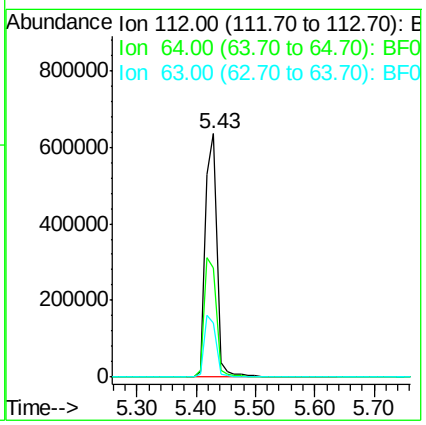


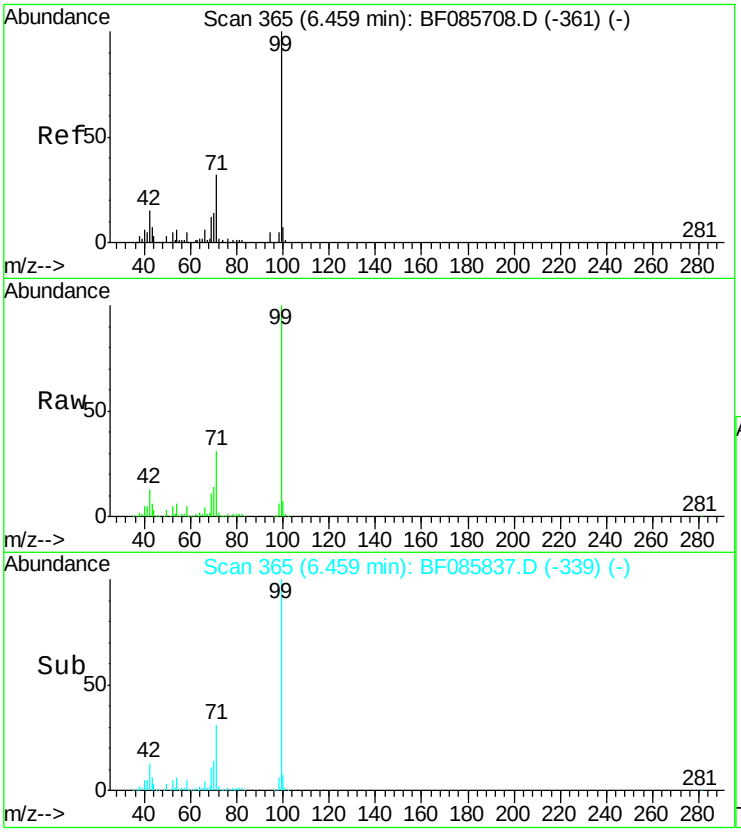


#5
2-Fluorophenol
Concen: 122.31 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085837.D
Acq: 29 Mar 2016 8:00

Tgt Ion:112 Resp: 870321

Ion	Ratio	Lower	Upper
112	100		
64	44.6	39.9	59.9
63	22.3	20.2	30.2



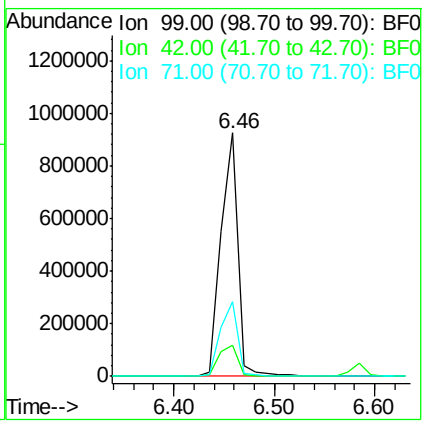


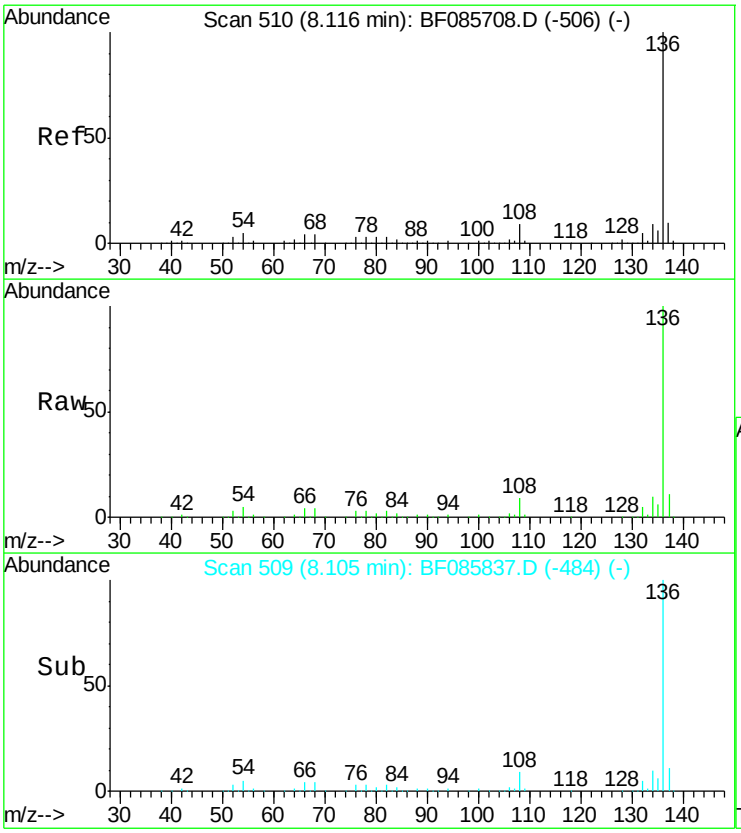
#7
Phenol-d6
Concen: 119.20 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF085837.D
Acq: 29 Mar 2016 8:00

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10B

Tgt Ion: 99 Resp: 1078395

Ion	Ratio	Lower	Upper
99	100		
42	12.9	11.1	16.7
71	30.8	24.9	37.3

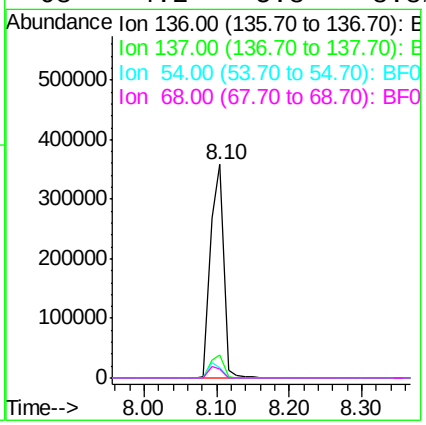


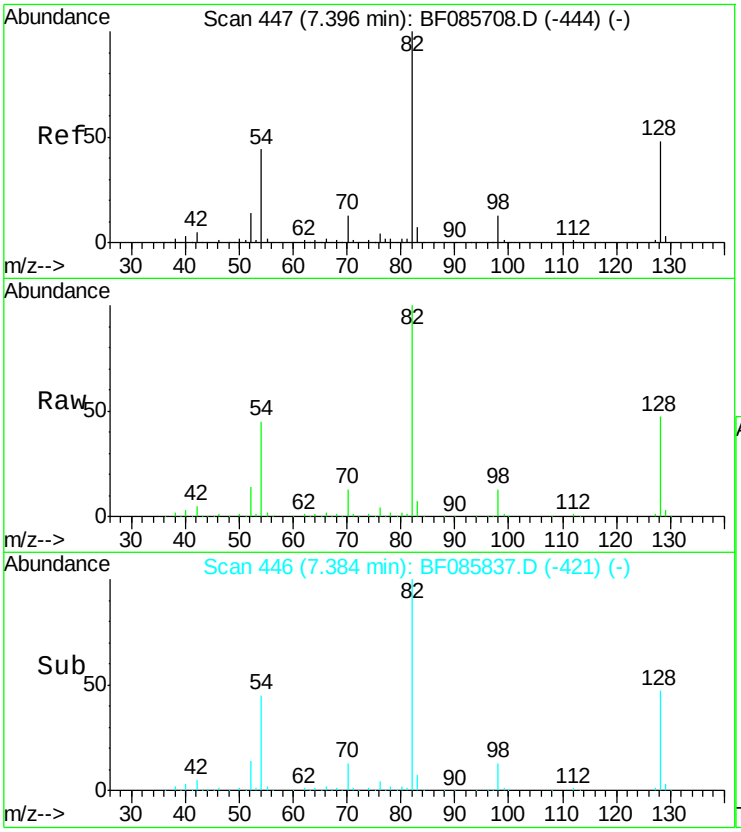


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085837.D
Acq: 29 Mar 2016 8:00

Tgt Ion:136 Resp: 450071

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	4.7	7.4	11.0#
68	4.2	5.8	8.8#



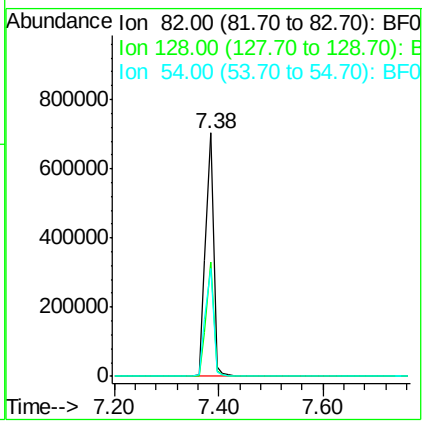


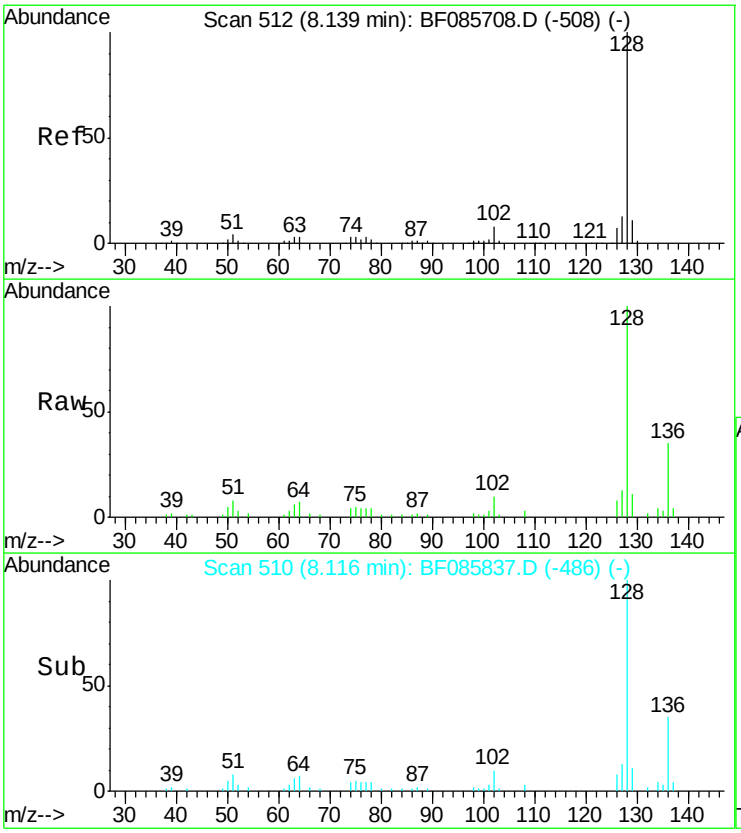
#23
Nitrobenzene-d5
Concen: 94.35 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085837.D
Acq: 29 Mar 2016 8:00

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10B

Tgt Ion: 82 Resp: 754097

Ion	Ratio	Lower	Upper
82	100		
128	47.2	41.8	62.8
54	44.5	33.4	50.0

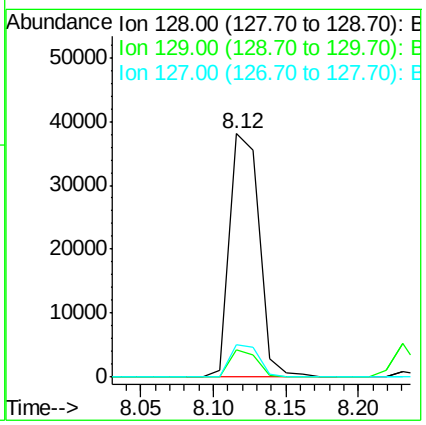


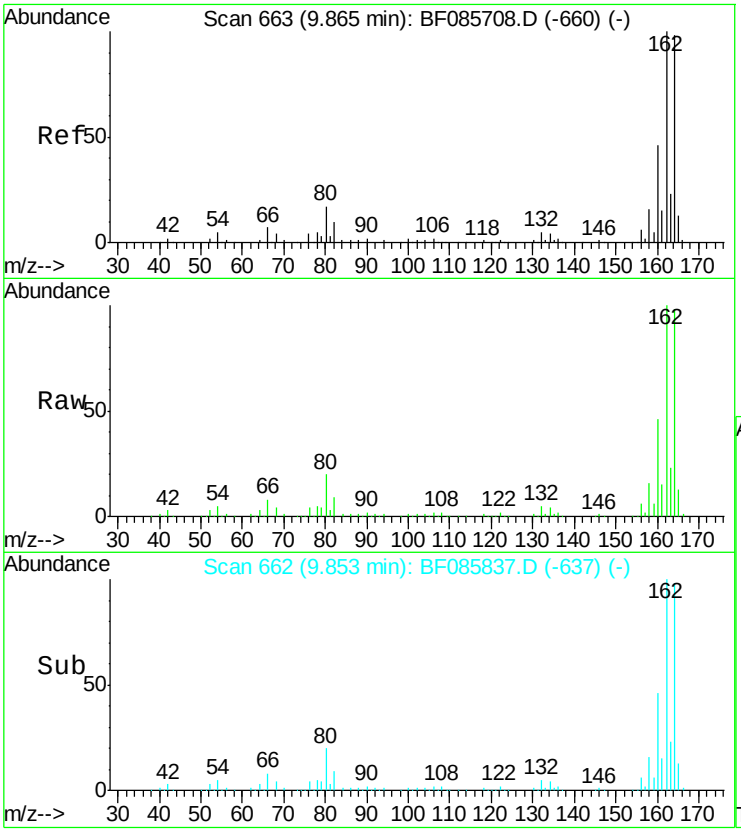


#31
Naphthalene
Concen: 2.37 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085837.D
Acq: 29 Mar 2016 8:00

Tgt Ion:128 Resp: 53783

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	13.4	11.0	16.6



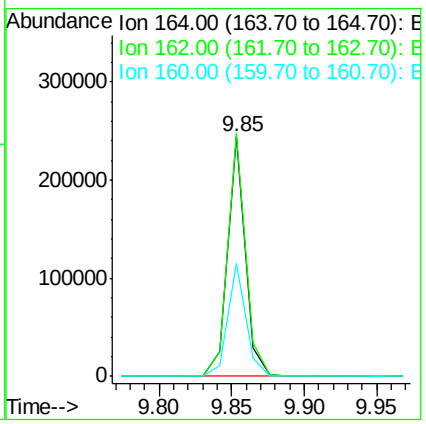


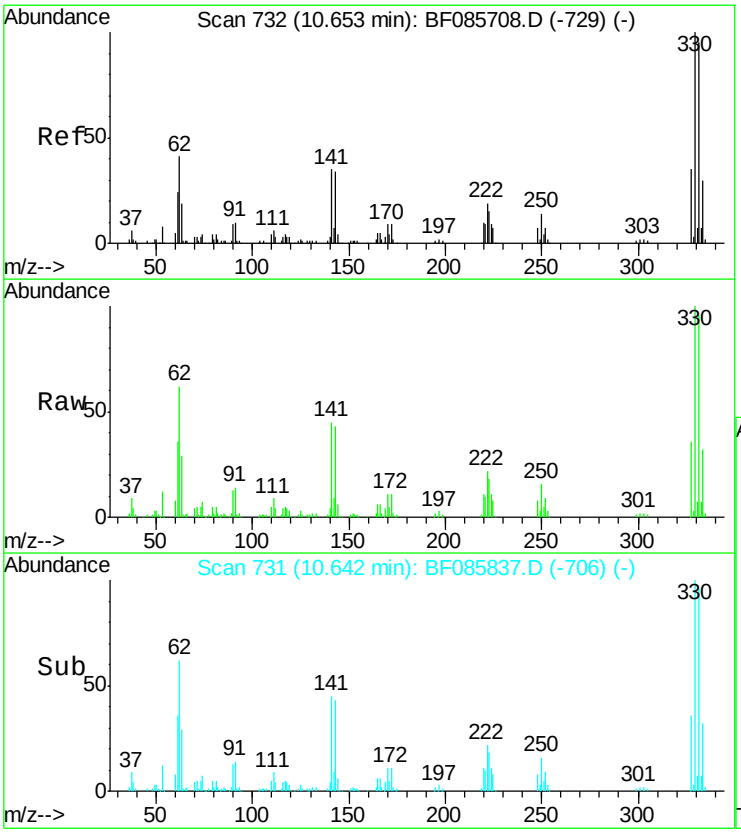
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF085837.D
Acq: 29 Mar 2016 8:00

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10B

Tgt Ion:164 Resp: 206192

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.1	123.1
160	47.1	37.4	56.2

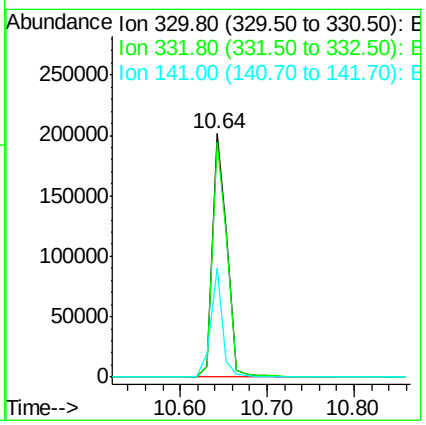


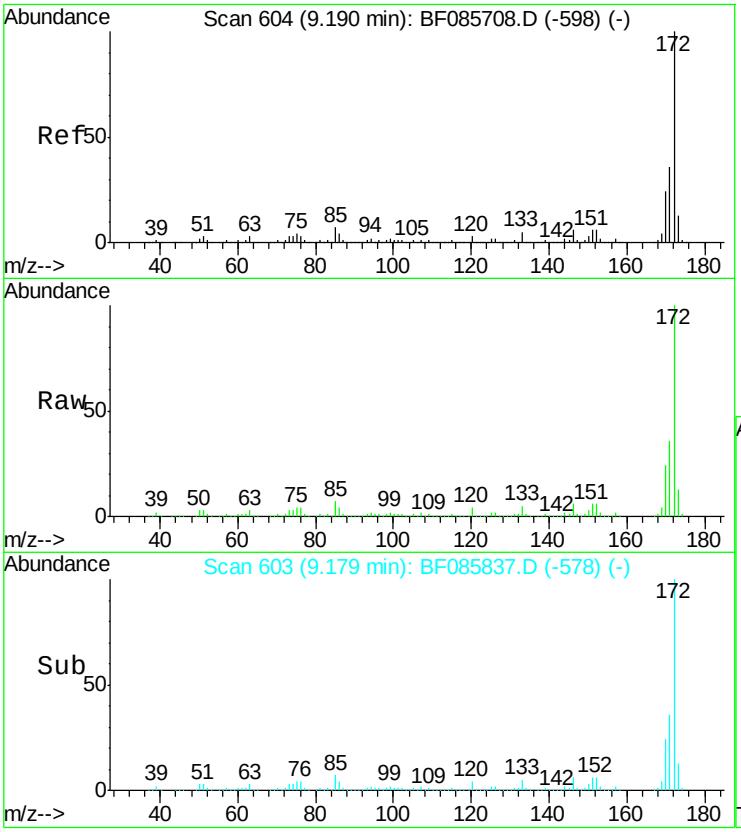


#41
2,4,6-Tribromophenol
Concen: 121.39 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF085837.D
Acq: 29 Mar 2016 8:00

Tgt Ion:330 Resp: 237805

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.2	117.2
141	37.0	31.5	47.3



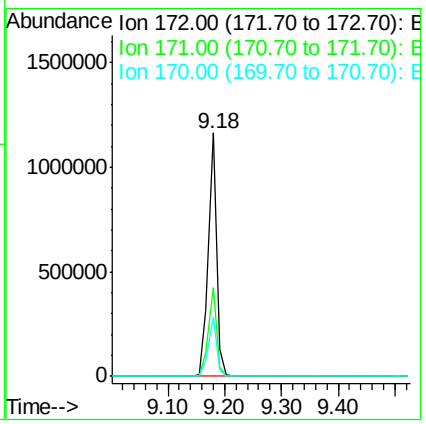


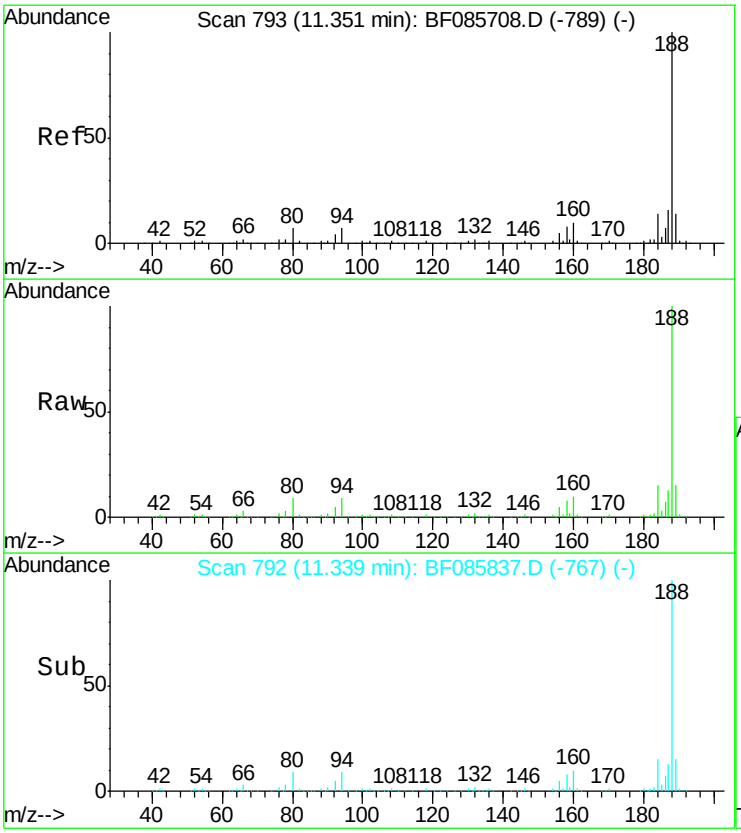
#44
2-Fluorobiphenyl
Concen: 91.04 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF085837.D
Acq: 29 Mar 2016 8:00

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10B

Tgt Ion:172 Resp: 1123535

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.4	19.8	29.6

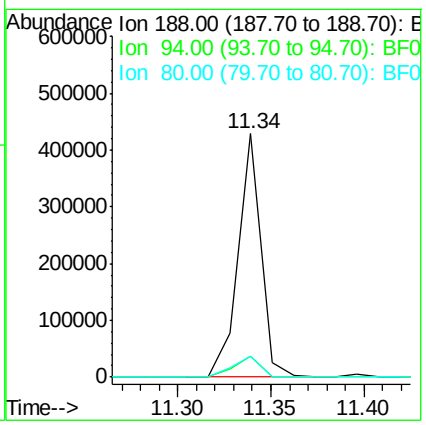


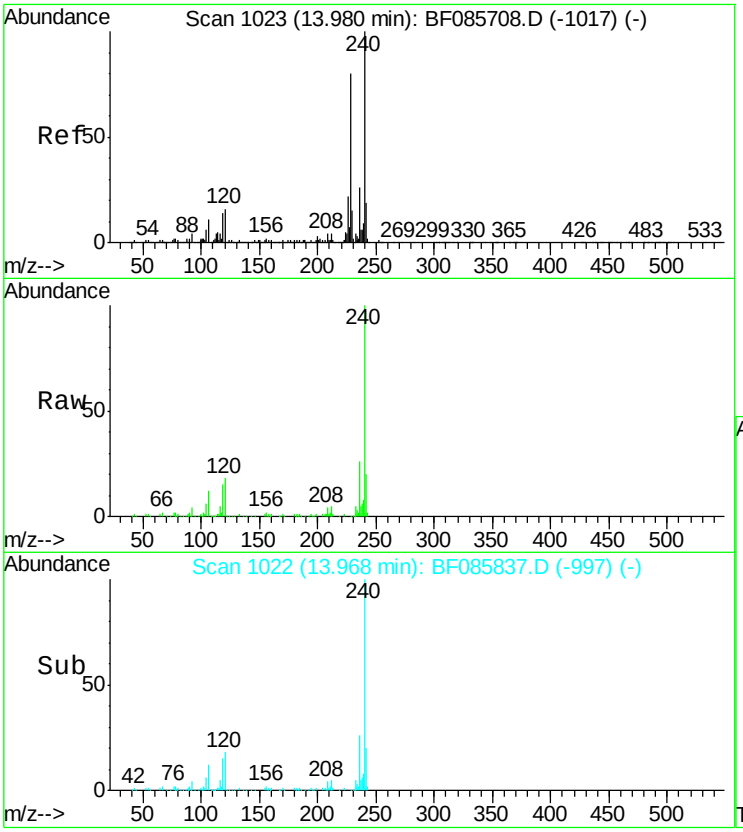


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085837.D
Acq: 29 Mar 2016 8:00

Tgt Ion:188 Resp: 368898

Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.4	8.0#
80	8.8	5.5	8.3#



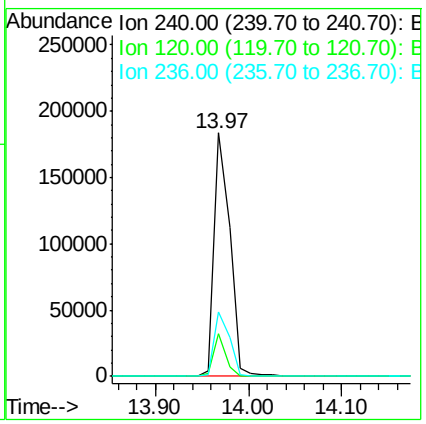


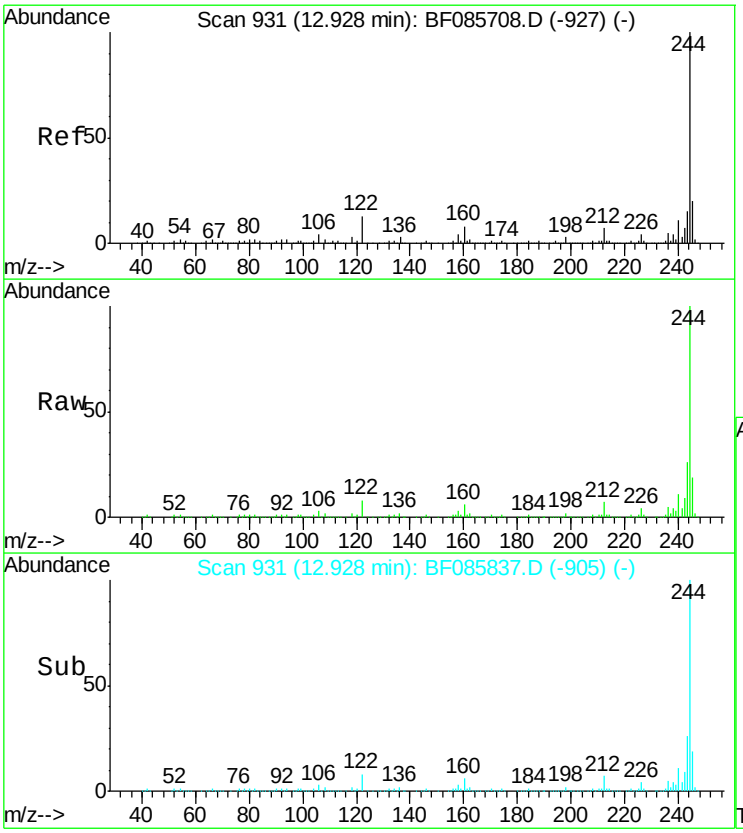
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085837.D
Acq: 29 Mar 2016 8:00

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10B

Tgt Ion:240 Resp: 214009

Ion	Ratio	Lower	Upper
240	100		
120	17.6	13.8	20.8
236	26.3	20.6	30.8

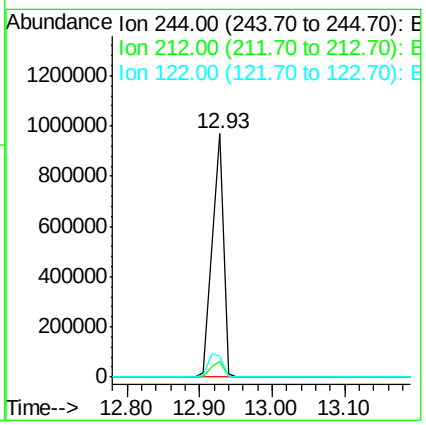


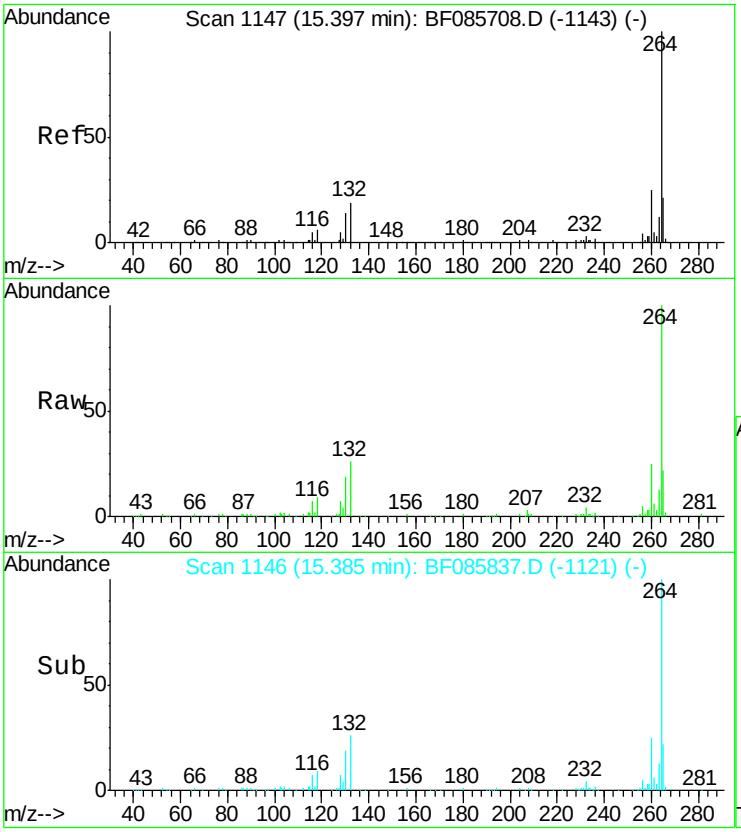


#78
Terphenyl-d14
Concen: 101.38 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085837.D
Acq: 29 Mar 2016 8:00

Tgt Ion:244 Resp: 1054977

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	8.4	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: BF085837.D
Acq: 29 Mar 2016 8:00

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10B

Tgt Ion:264 Resp: 185896

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.2
265	21.8	17.2	25.8