Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104448.D
Acq On : 12 Apr 2018 14:01
Operator : JU/SJ
Sample : PB108173BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108173BL

Quant Time: Apr 12 17:16:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	108916	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	459646	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	218748	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	424343	20.00	ng	0.00
75) Chrysene-d12	13.98	240	367086	20.00	ng	-0.01
86) Perylene-d12	15.44	264	270969	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	871032	122.28	ng	0.01
7) Phenol-d6	6.44	99	1057582	120.84	ng	0.00
23) Nitrobenzene-d5	7.37	82	664027	94.33	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	298995	131.77	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1220216	88.12	ng	0.00
78) Terphenyl-d14	12.93	244	1306640	81.15	ng	0.00
Target Compounds						Qvalue

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

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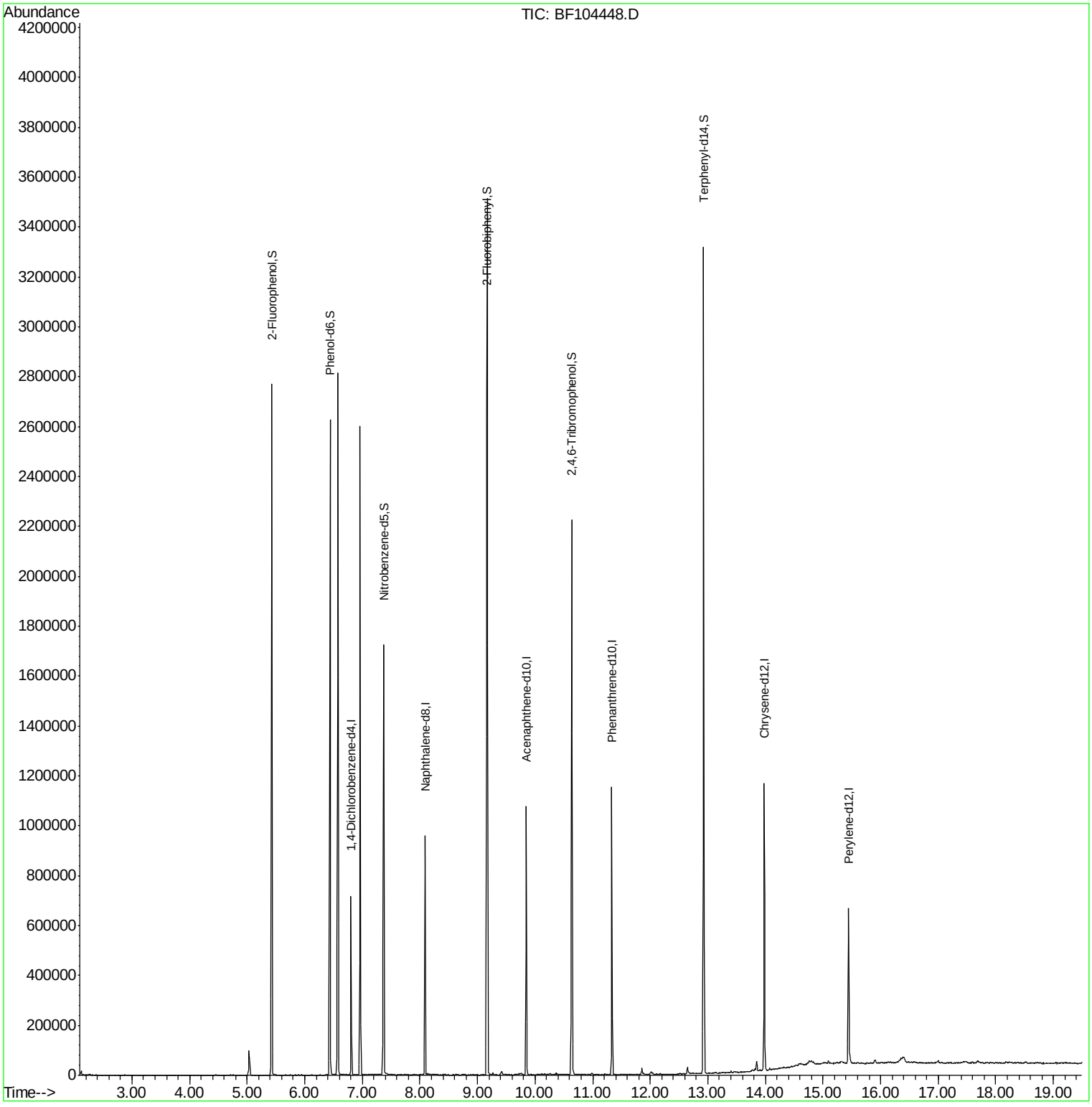
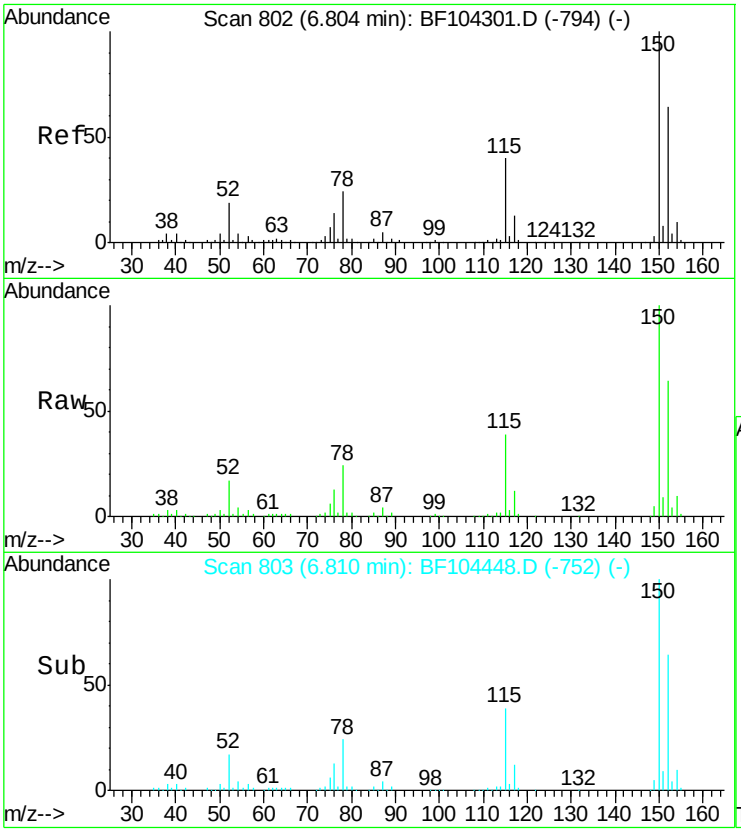


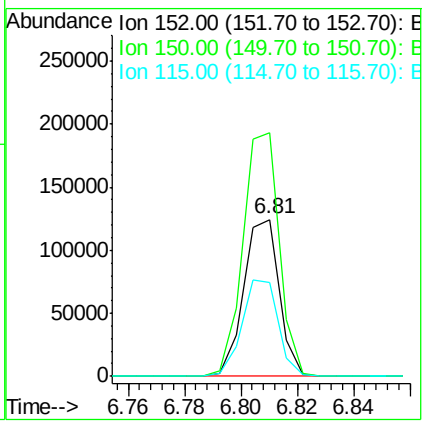


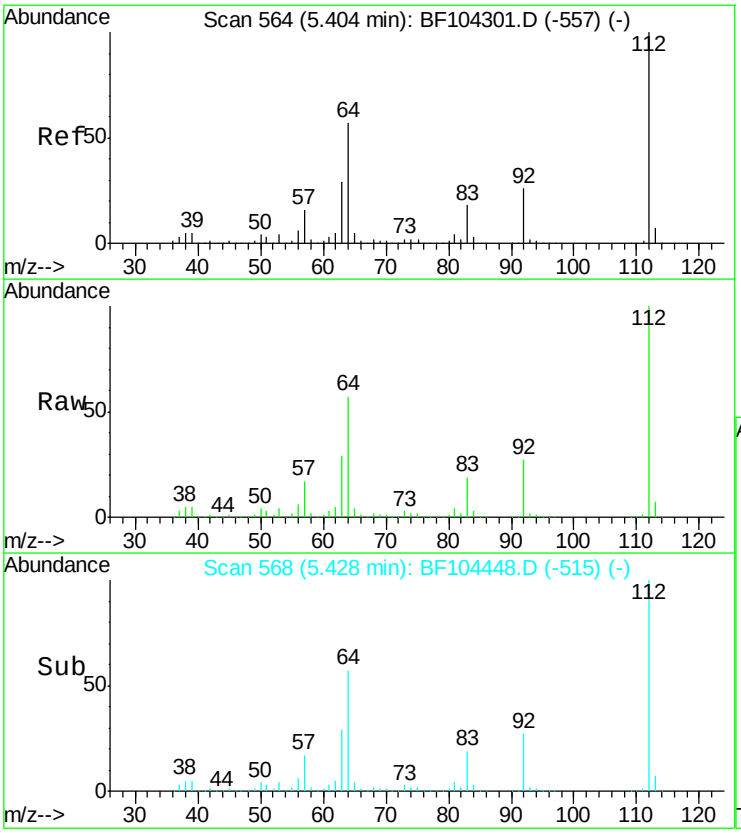
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104448.D
Acq: 12 Apr 2018 14:01

Instrument :
BNA_F
ClientSampleId :
PB108173BL

Tgt Ion:152 Resp: 108916

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	59.9	50.1	75.1

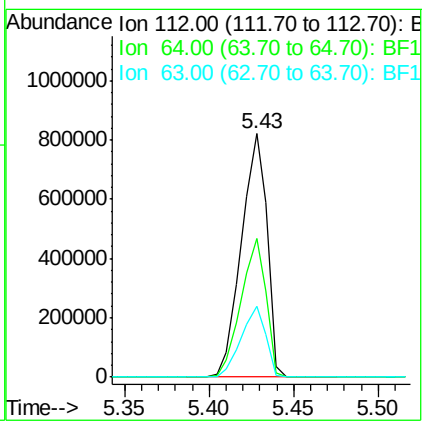


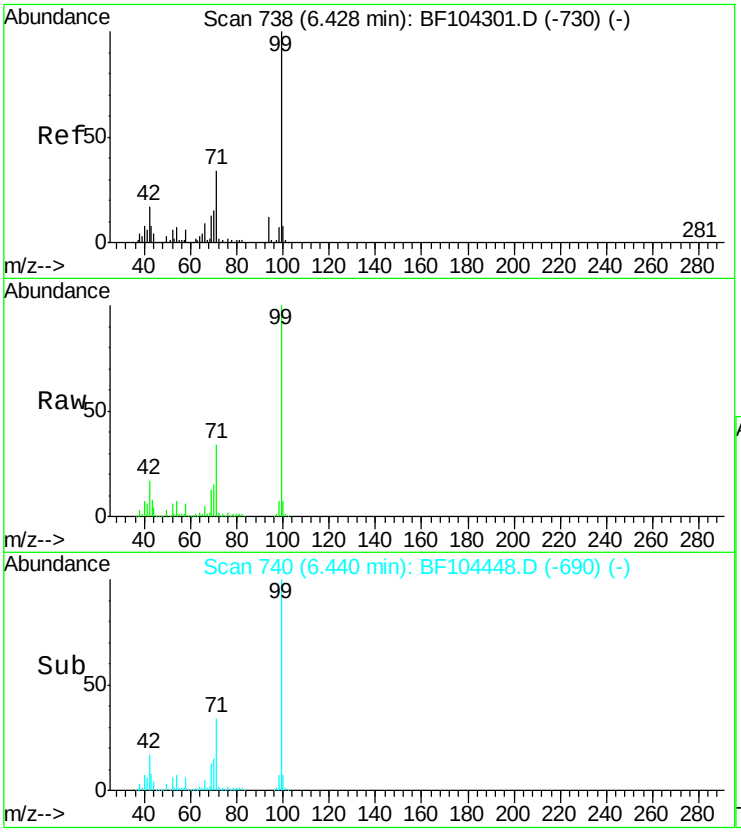


#5
2-Fluorophenol
Concen: 122.283 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104448.D
Acq: 12 Apr 2018 14:01

Tgt Ion:112 Resp: 871032

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	29.0	23.7	35.5



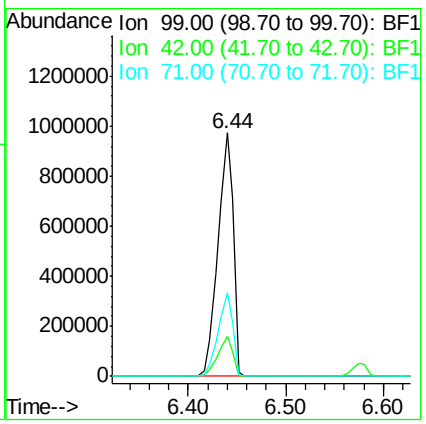


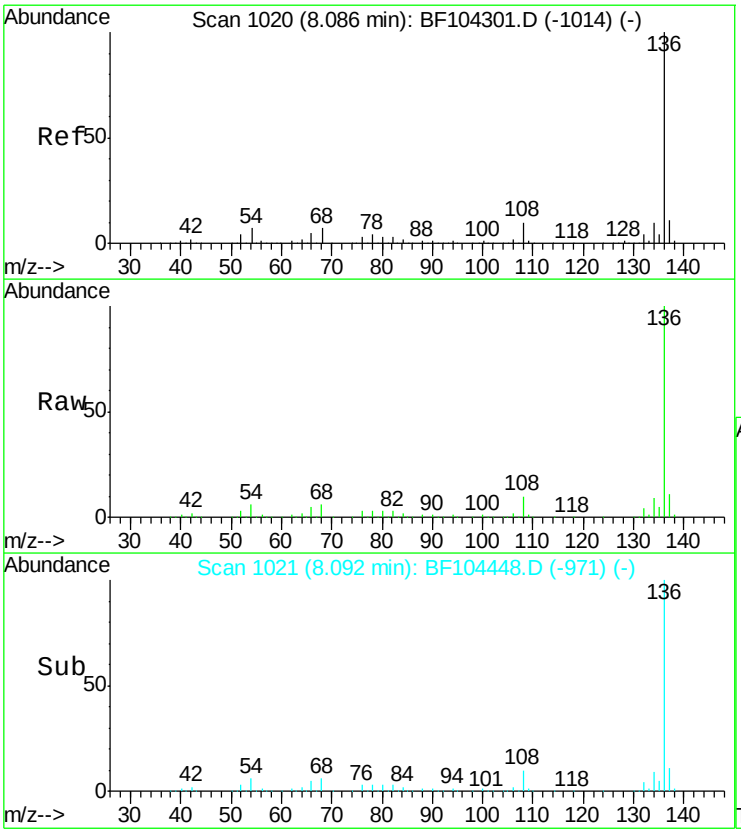
#7
Phenol-d6
Concen: 120.839 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF104448.D
Acq: 12 Apr 2018 14:01

Instrument :
BNA_F
ClientSampleId :
PB108173BL

Tgt Ion: 99 Resp: 1057582

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.5	21.7
71	34.2	25.4	38.0

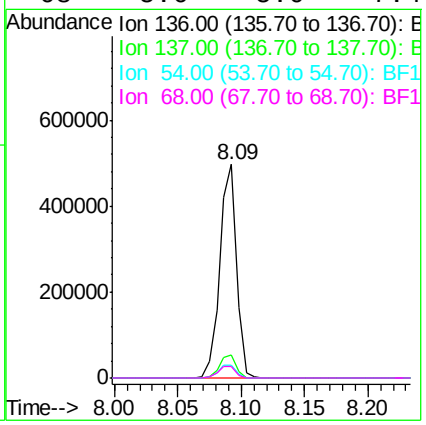


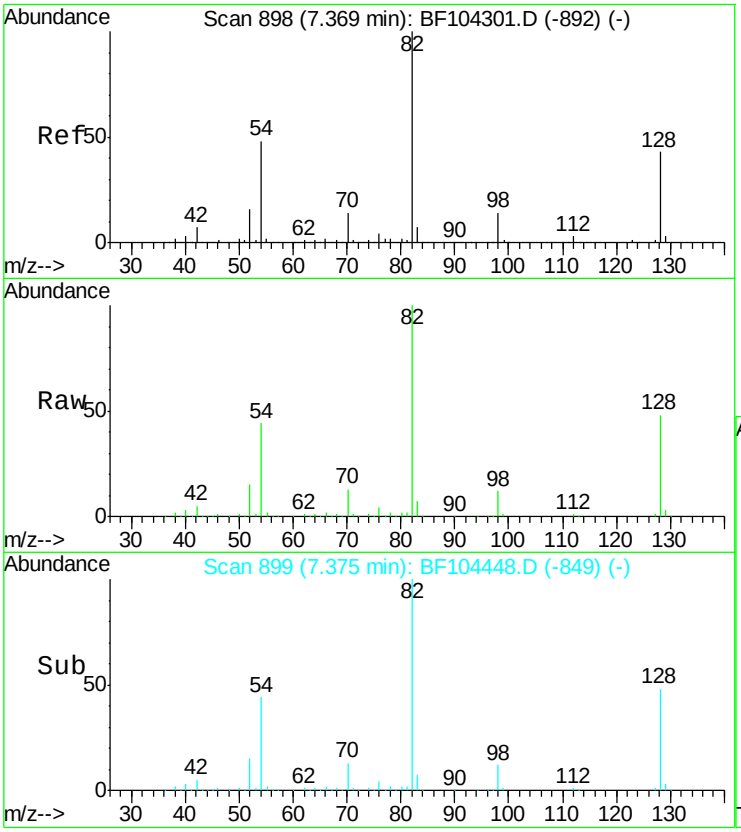


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104448.D
Acq: 12 Apr 2018 14:01

Tgt Ion:136 Resp: 459646

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.2	6.6	9.8#
68	5.6	5.0	7.4



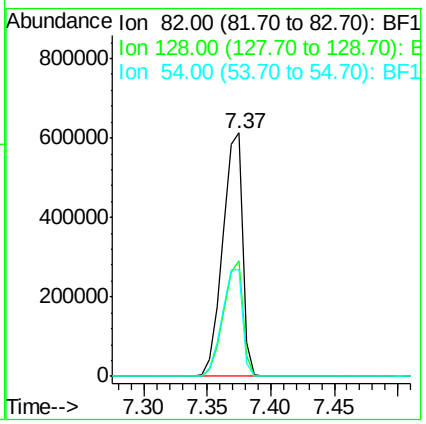


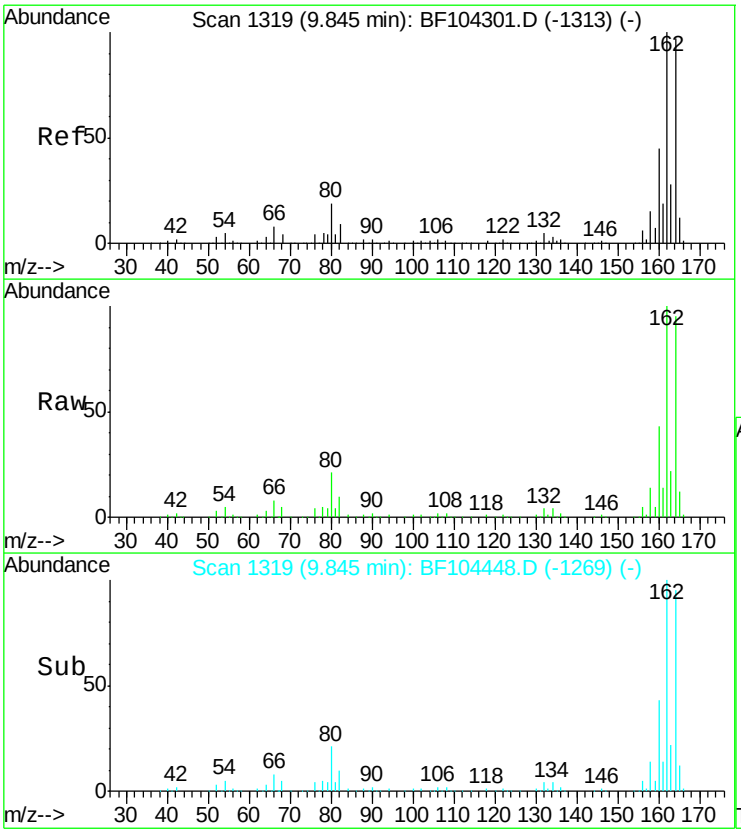
#23
Nitrobenzene-d5
Concen: 94.333 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104448.D
Acq: 12 Apr 2018 14:01

Instrument :
BNA_F
ClientSampleId :
PB108173BL

Tgt Ion: 82 Resp: 664027

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	43.6	41.4	62.2

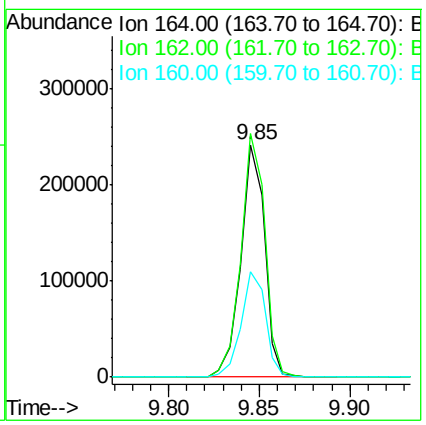


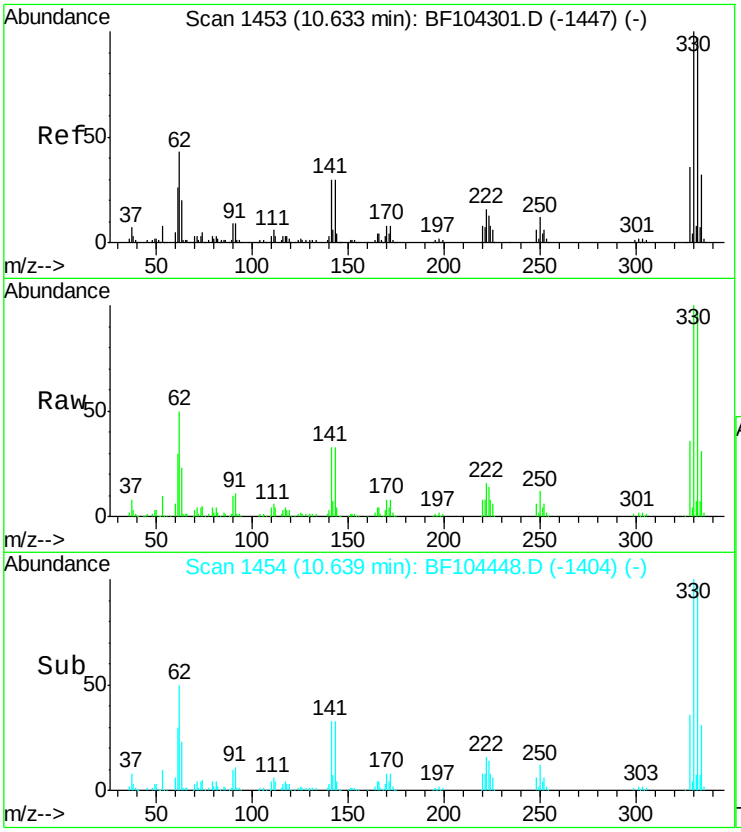


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104448.D
Acq: 12 Apr 2018 14:01

Tgt Ion:164 Resp: 218748

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.4	38.3	57.5



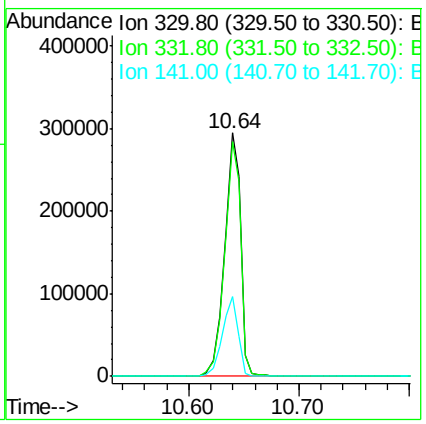


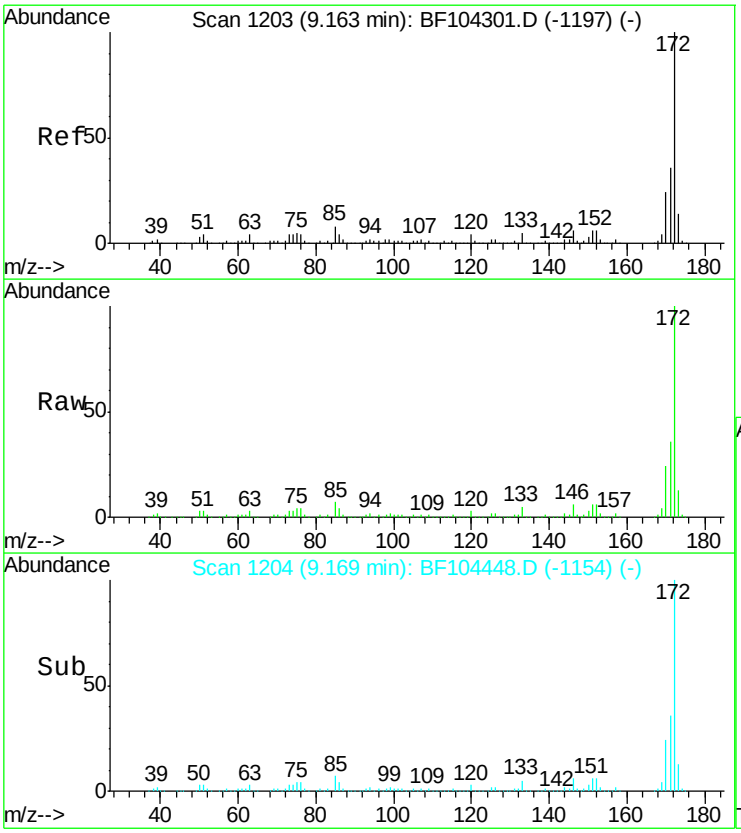
#41
2,4,6-Tribromophenol
Concen: 131.766 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104448.D
Acq: 12 Apr 2018 14:01

Instrument :
BNA_F
ClientSampleId :
PB108173BL

Tgt Ion:330 Resp: 298995

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.6	29.9	44.9

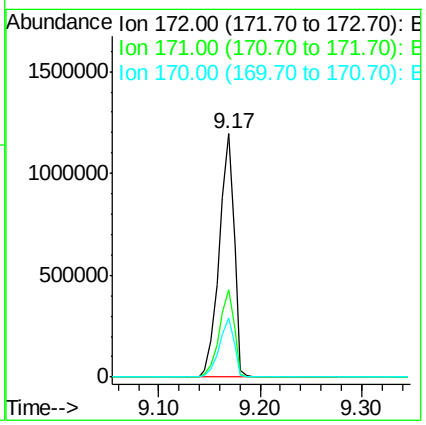


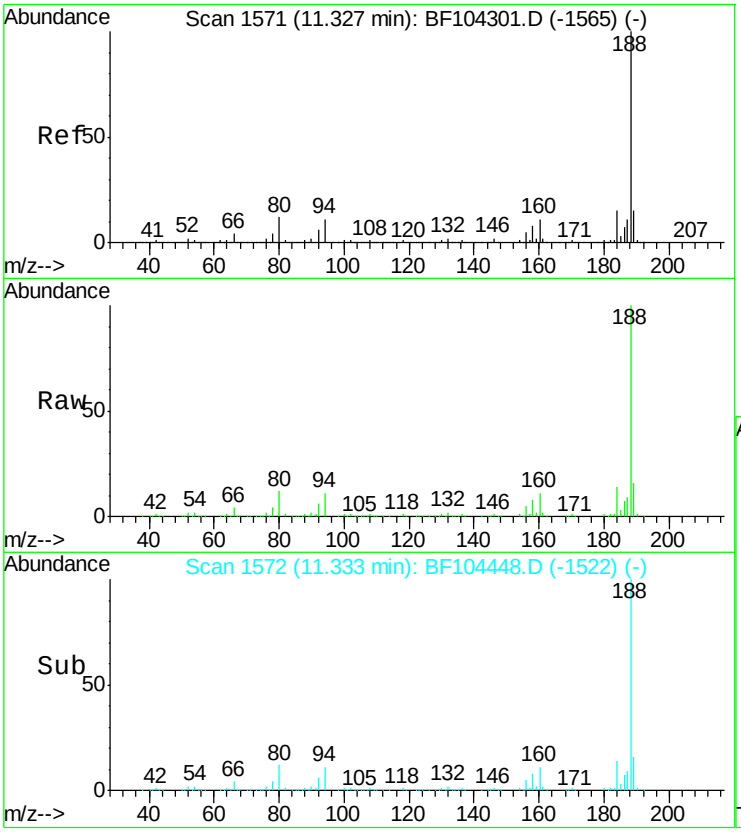


#44
2-Fluorobiphenyl
Concen: 88.121 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104448.D
Acq: 12 Apr 2018 14:01

Tgt Ion:172 Resp: 1220216

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4



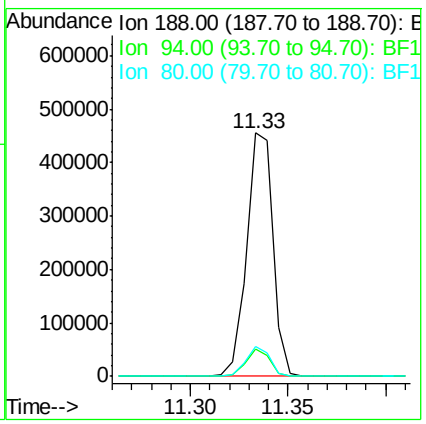


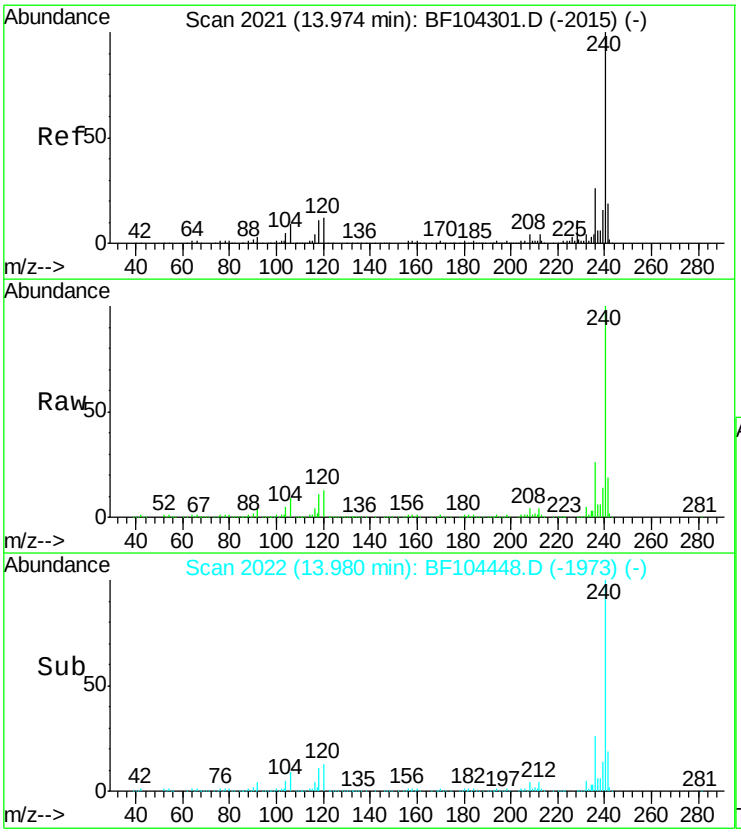
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104448.D
Acq: 12 Apr 2018 14:01

Instrument :
BNA_F
ClientSampleId :
PB108173BL

Tgt Ion:188 Resp: 424343

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.4	9.2	13.8

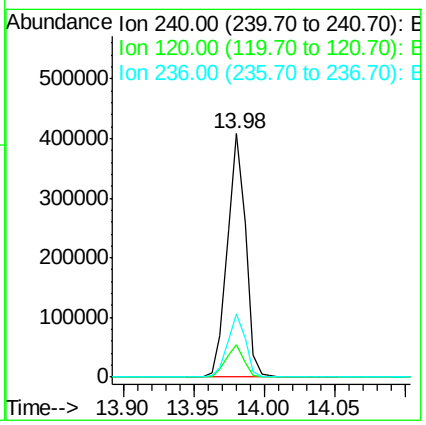


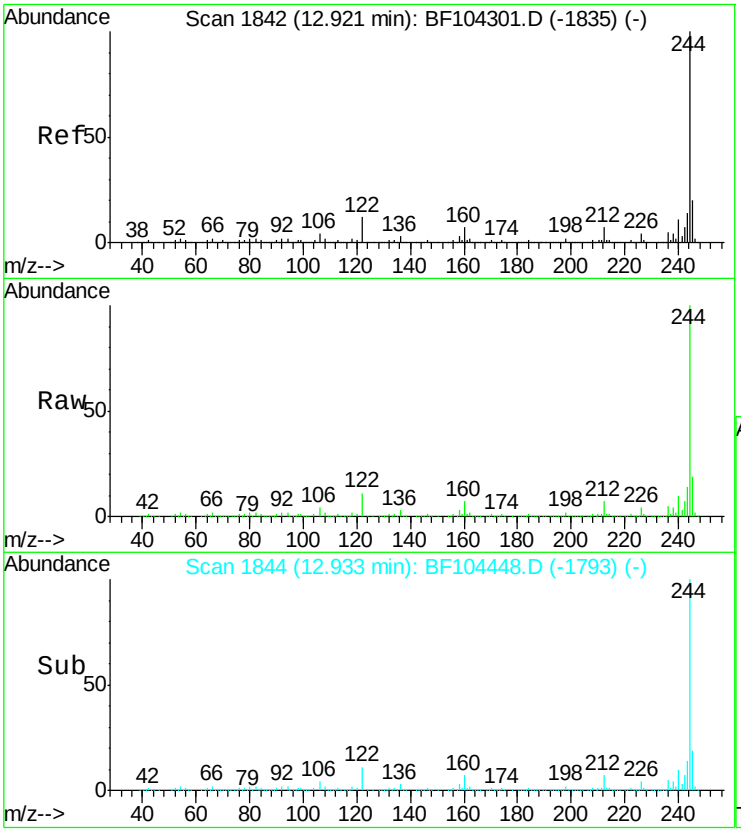


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104448.D
Acq: 12 Apr 2018 14:01

Tgt Ion:240 Resp: 367086

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.2	20.7	31.1



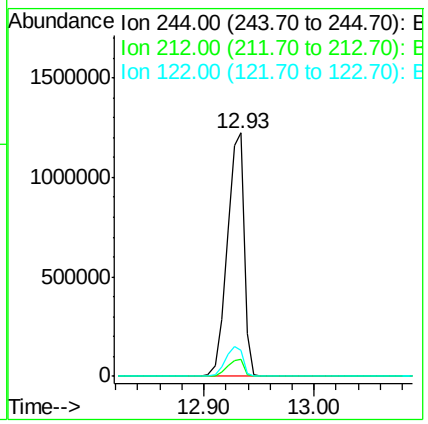


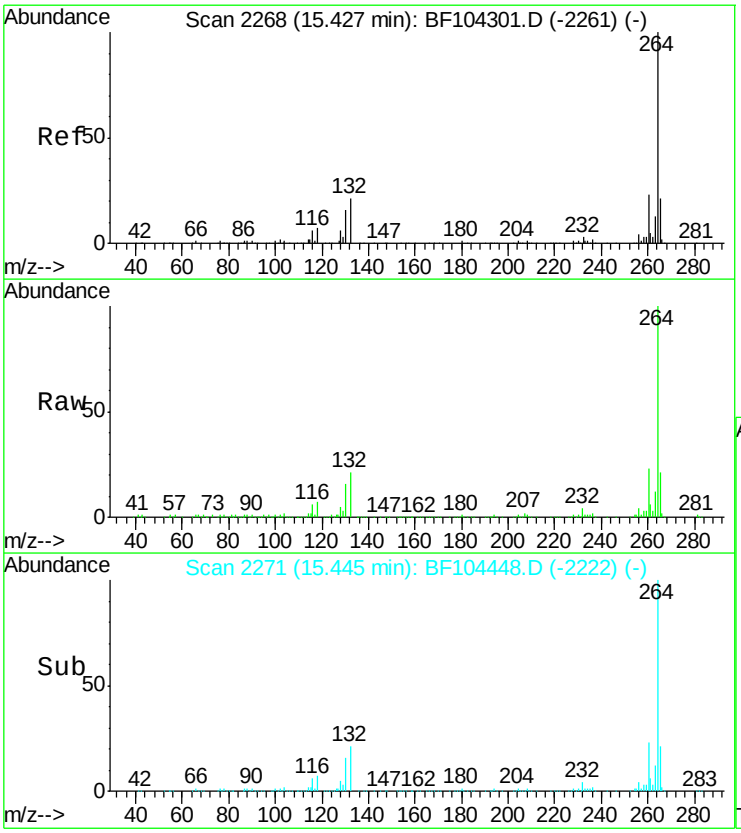
#78
Terphenyl-d14
Concen: 81.150 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF104448.D
Acq: 12 Apr 2018 14:01

Instrument : BNA_F
ClientSampleId : PB108173BL

Tgt Ion:244 Resp: 1306640

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF104448.D
Acq: 12 Apr 2018 14:01

Tgt Ion:264 Resp: 270969

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3