Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104557.D
Acq On : 17 Apr 2018 2:12
Operator : JU/SJ
Sample : J2386-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-3

Quant Time: Apr 17 03:07:07 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136584	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	546585	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	225868	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	321322	20.00	ng	0.00
75) Chrysene-d12	13.99	240	257702	20.00	ng	0.00
86) Perylene-d12	15.45	264	188340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	83587	9.36	ng	0.00
7) Phenol-d6	6.44	99	397747	36.24	ng	-0.01
23) Nitrobenzene-d5	7.37	82	459523	54.90	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	685	0.29	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	843462	58.99	ng	0.00
78) Terphenyl-d14	12.93	244	573341	50.72	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	104992	5.895	ng	99

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

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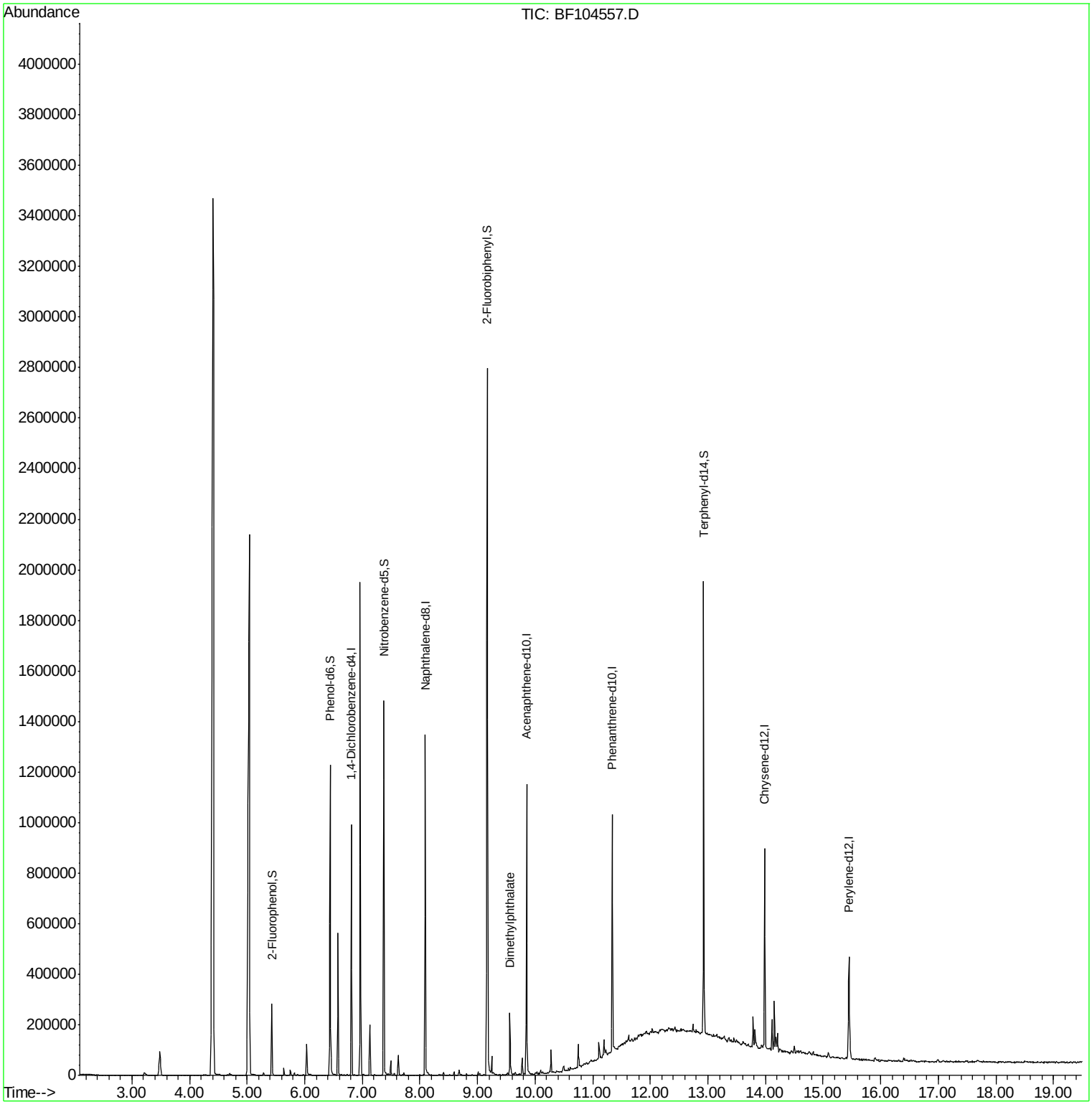
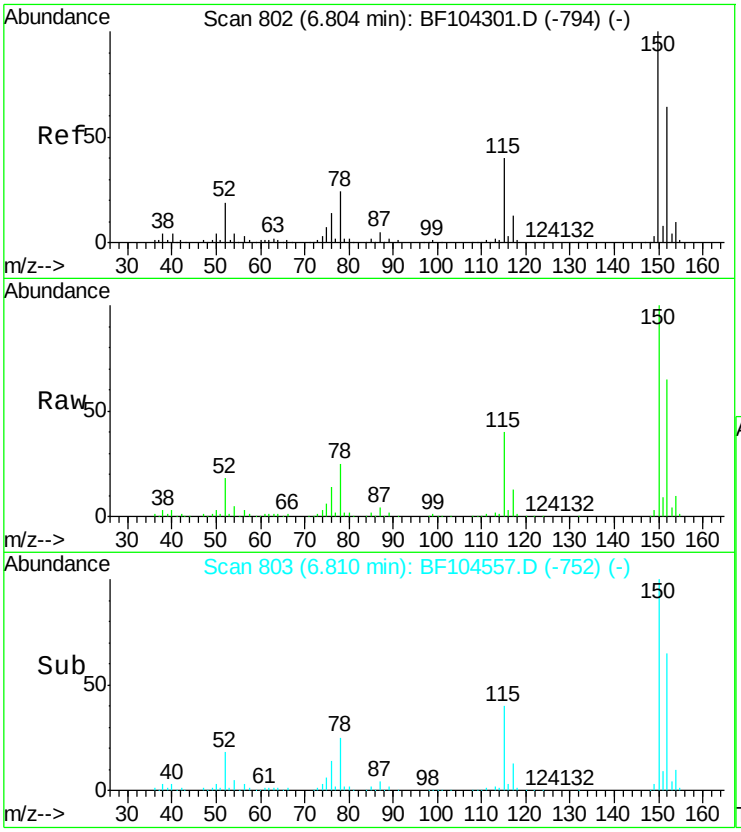


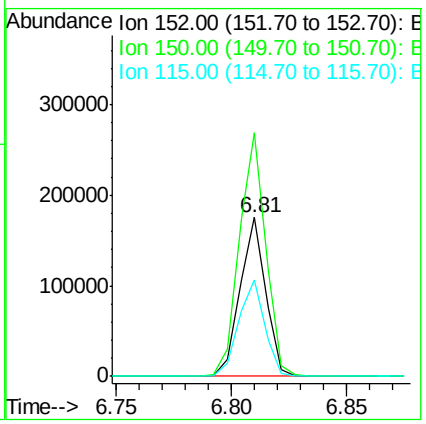


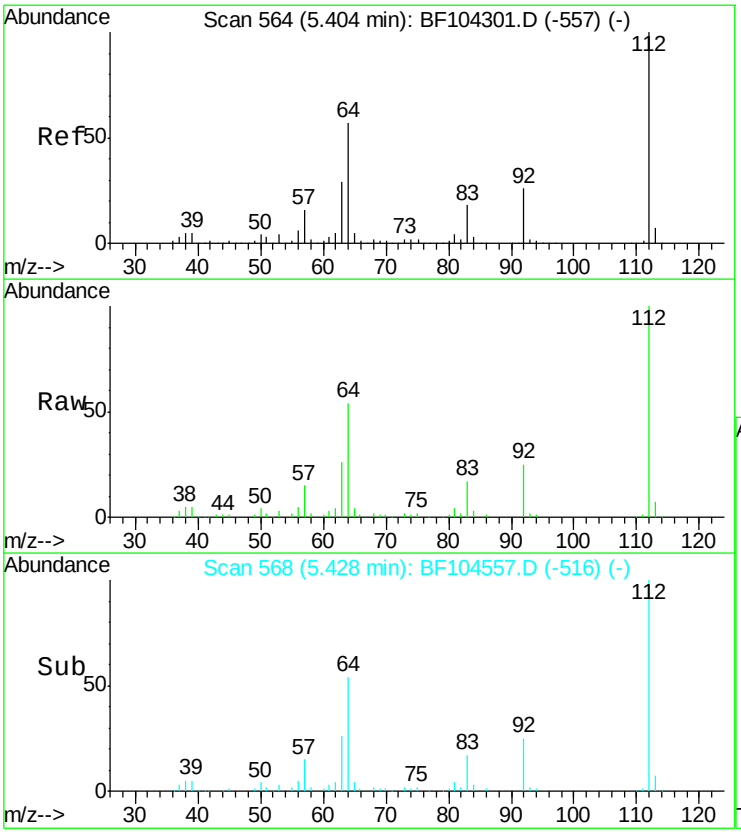
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Instrument :
BNA_F
ClientSampleId :
CO-3

Tgt Ion:152 Resp: 136584

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	60.9	50.1	75.1

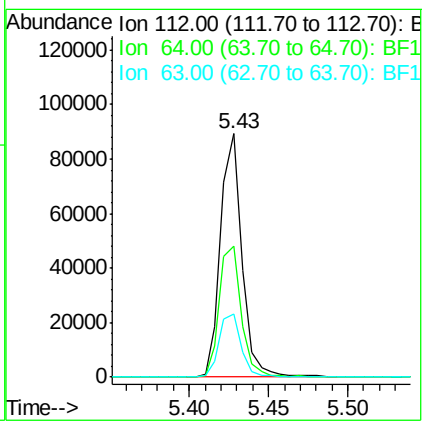


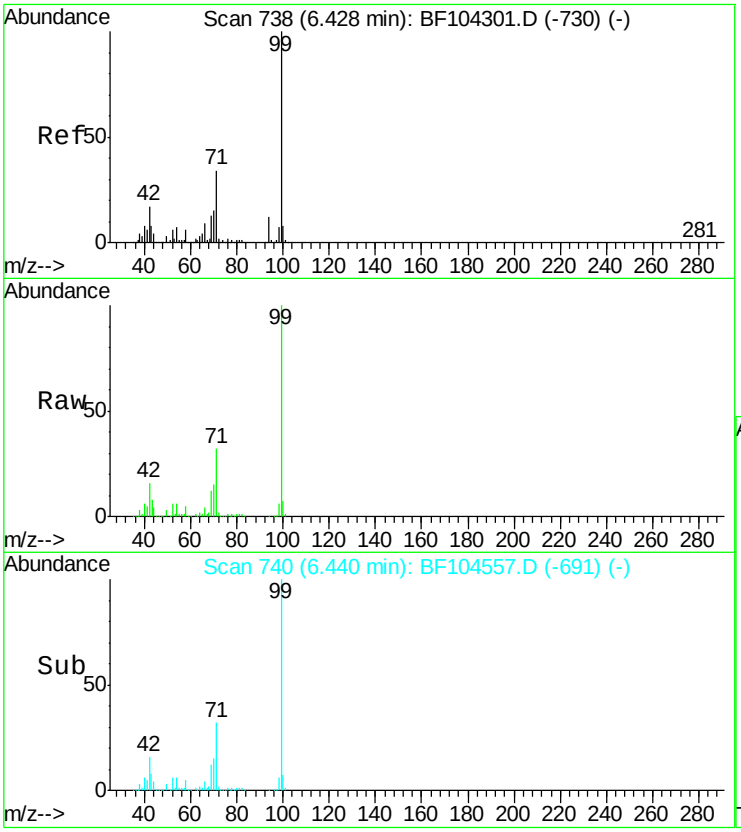


#5
2-Fluorophenol
Concen: 9.358 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Tgt Ion:112 Resp: 83587

Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	25.7	23.7	35.5



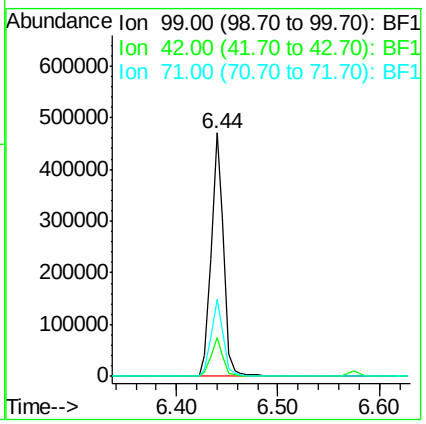


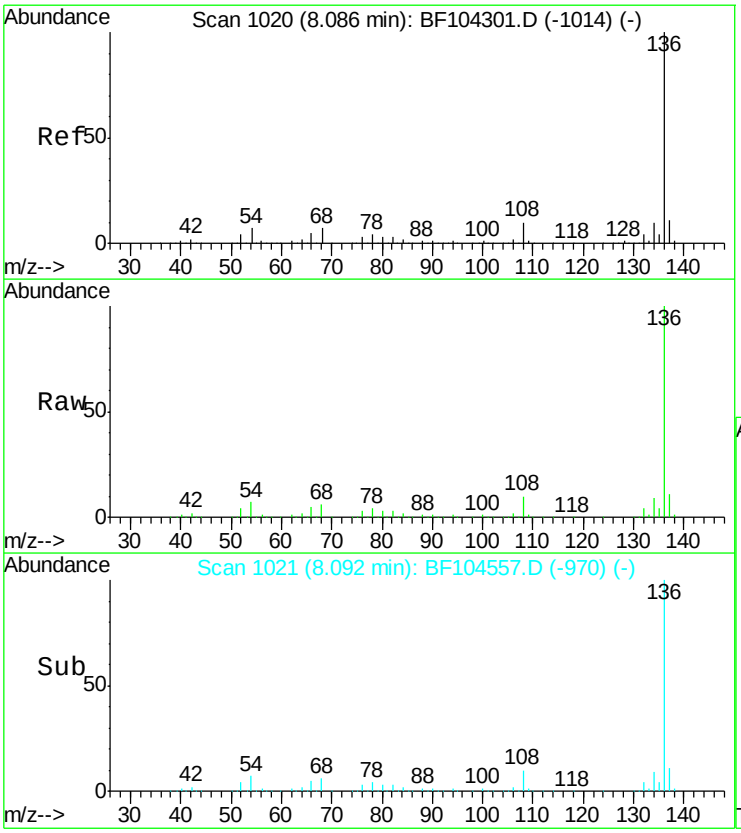
#7
Phenol-d6
Concen: 36.240 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Instrument :
BNA_F
ClientSampleId :
CO-3

Tgt Ion: 99 Resp: 397747

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	31.8	25.4	38.0

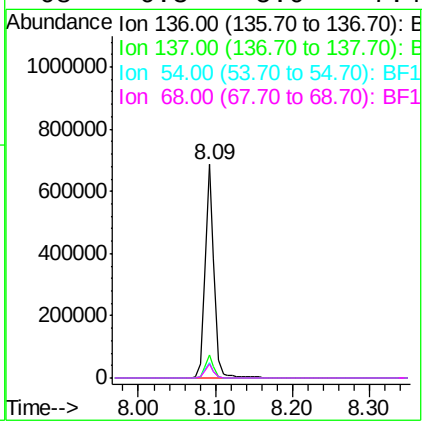


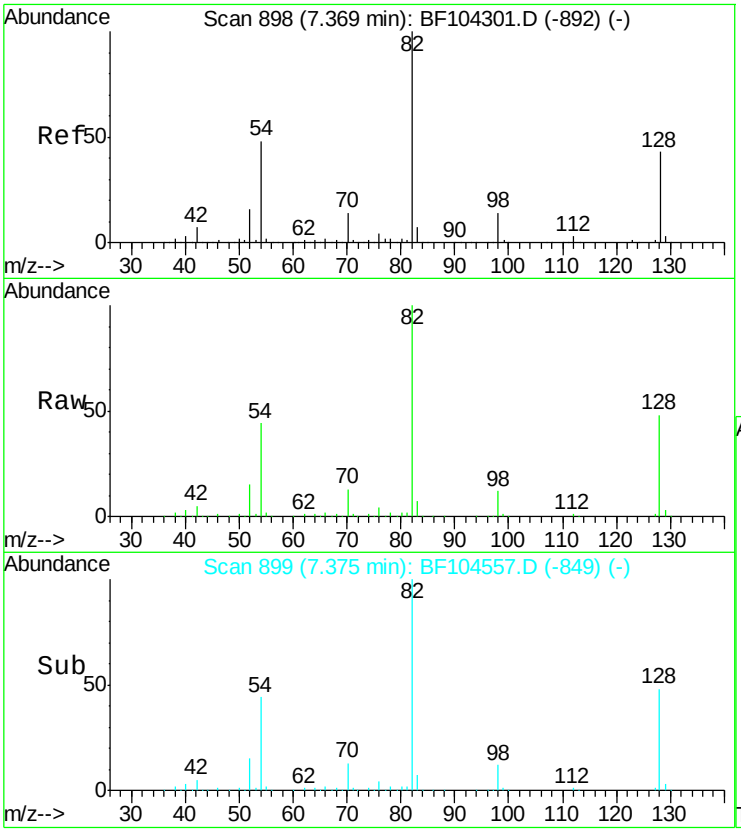


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Tgt Ion:136 Resp: 546585

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	6.6	9.8
68	6.3	5.0	7.4



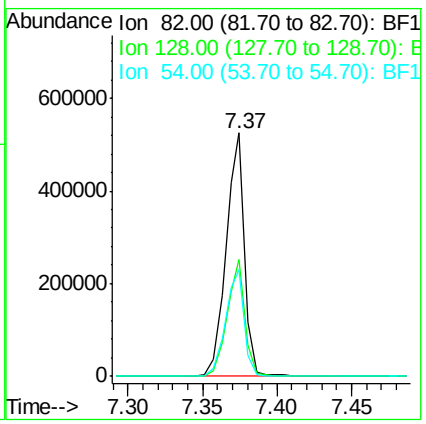


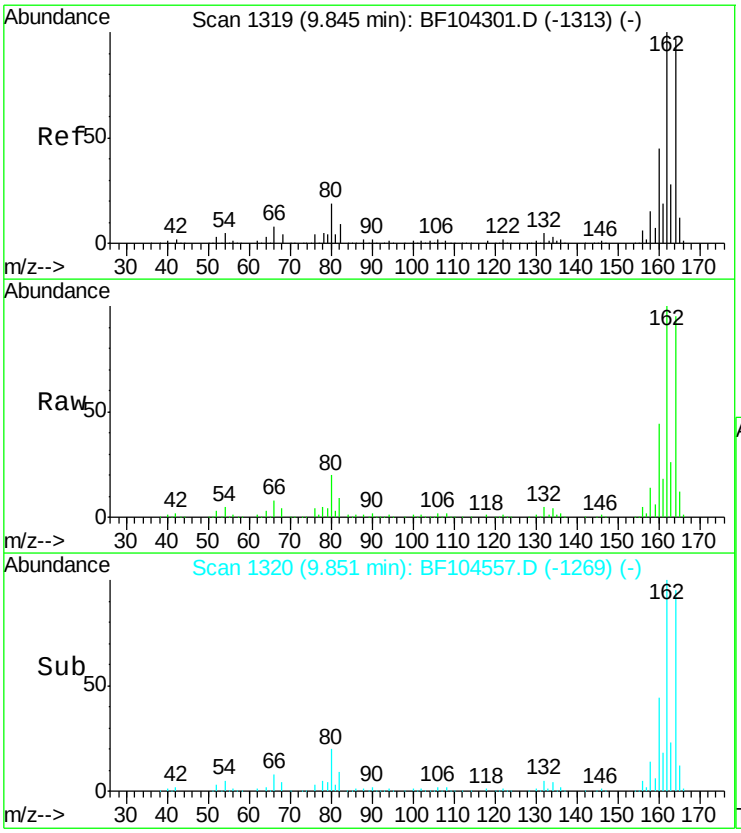
#23
Nitrobenzene-d5
Concen: 54.897 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Instrument :
BNA_F
ClientSampleId :
CO-3

Tgt Ion: 82 Resp: 459523

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	44.0	41.4	62.2

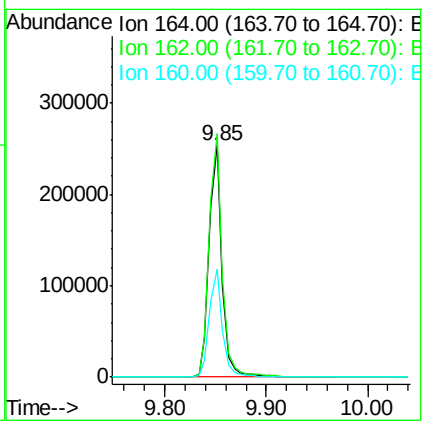


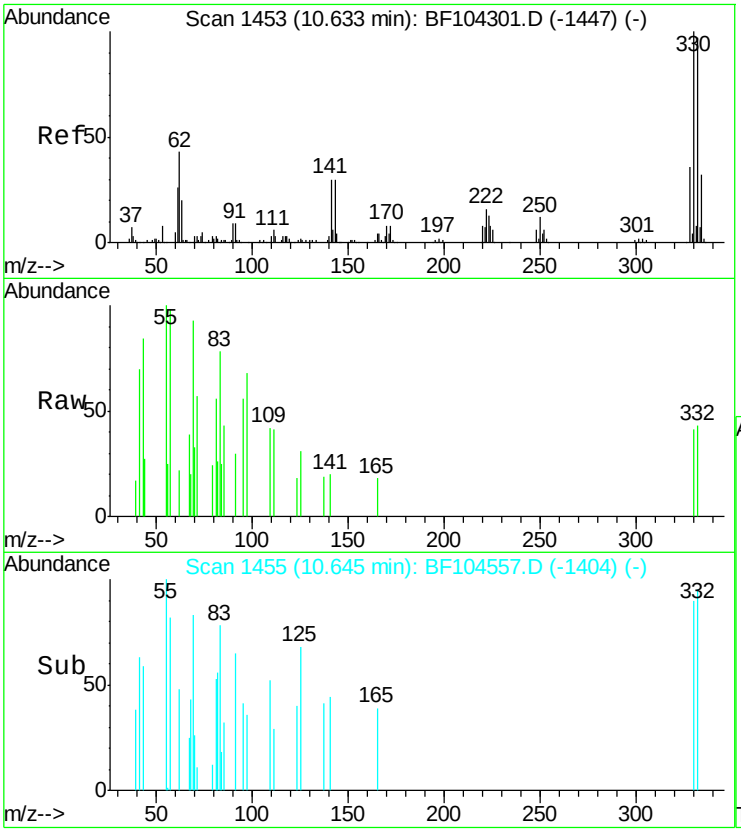


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Tgt Ion:164 Resp: 225868

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.3	38.3	57.5



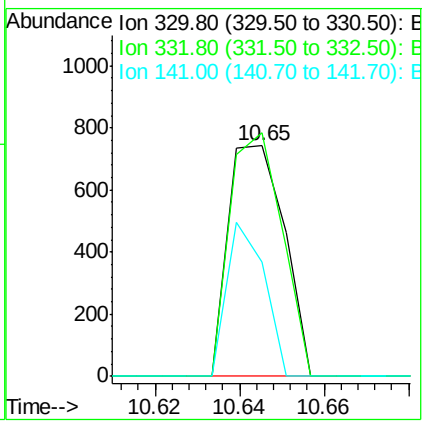


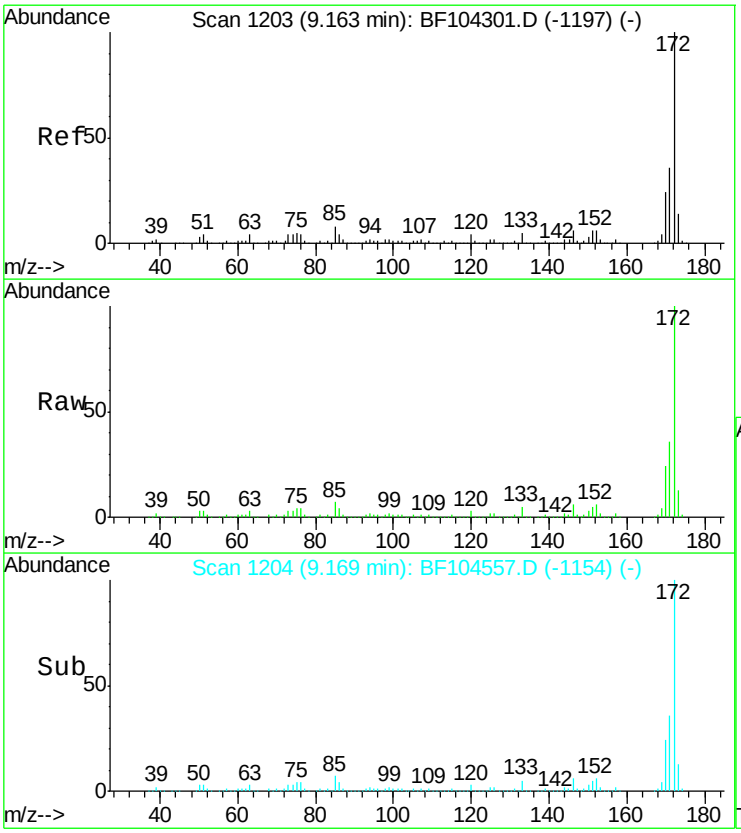
#41
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Instrument :
BNA_F
ClientSampleId :
CO-3

Tgt Ion:330 Resp: 685

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	44.5	29.9	44.9

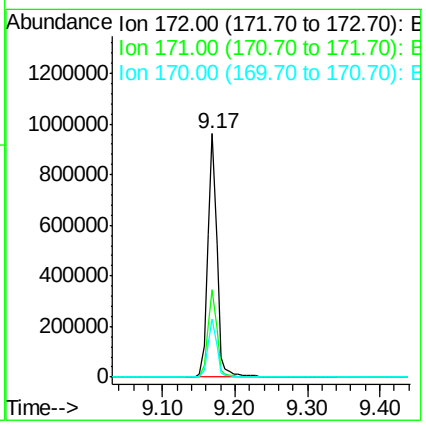


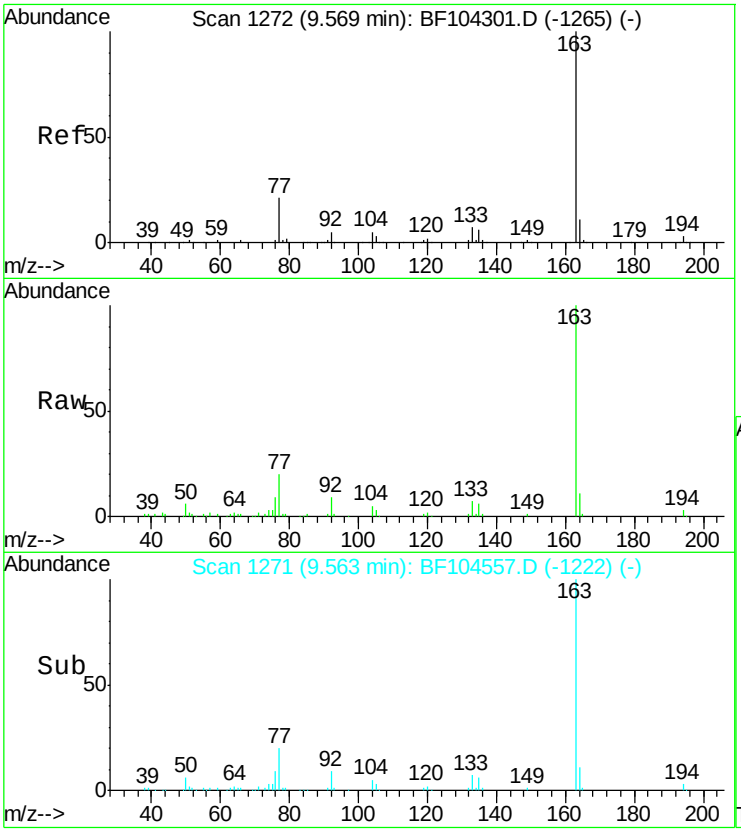


#44
2-Fluorobiphenyl
Concen: 58.993 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Tgt Ion:172 Resp: 843462

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4



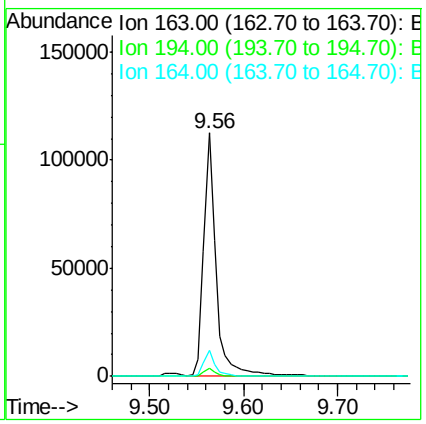


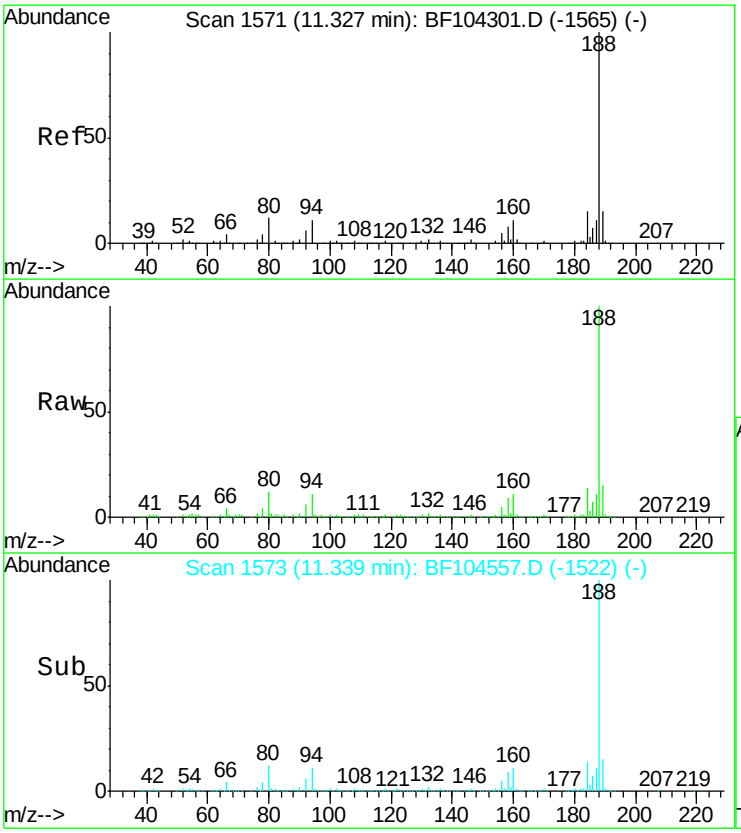
#49
Dimethylphthalate
Concen: 5.895 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Instrument :
BNA_F
ClientSampleId :
CO-3

Tgt Ion:163 Resp: 104992

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.6	8.2	12.2

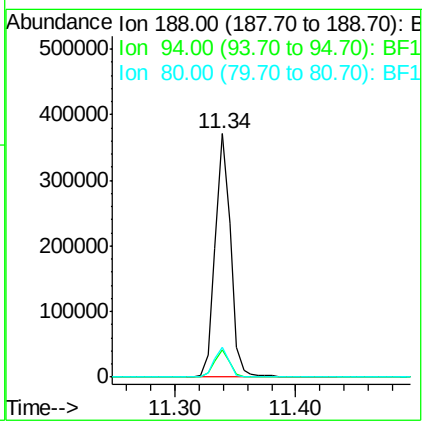


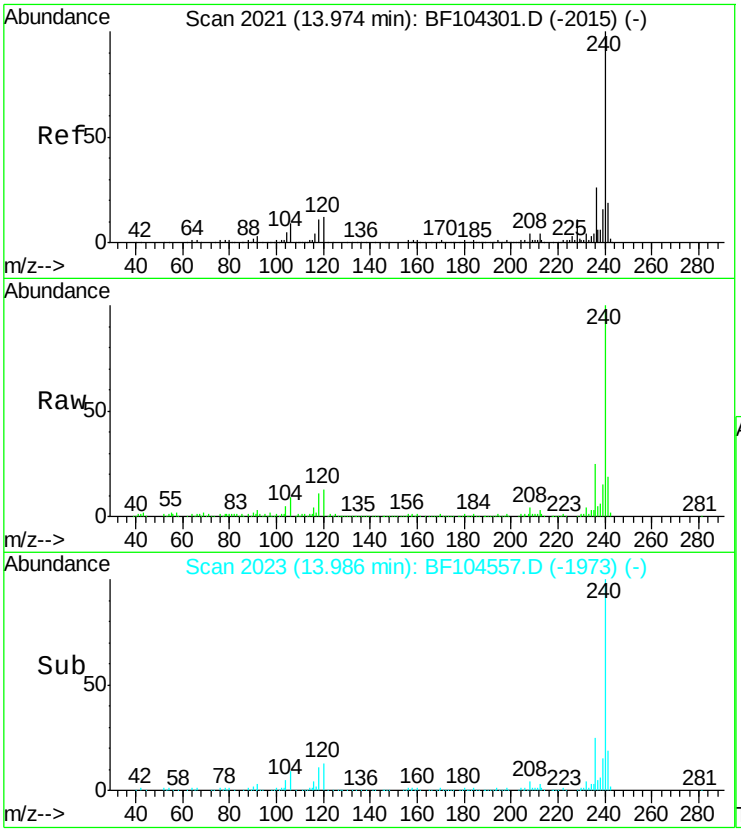


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Tgt Ion:188 Resp: 321322

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.4	9.2	13.8



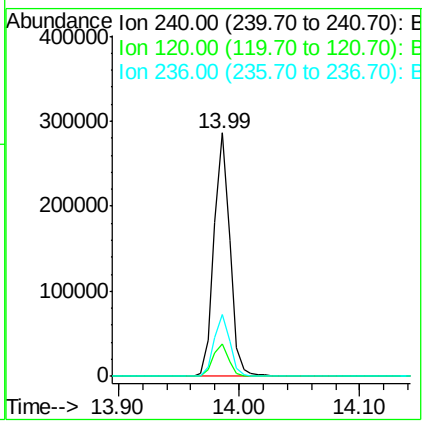


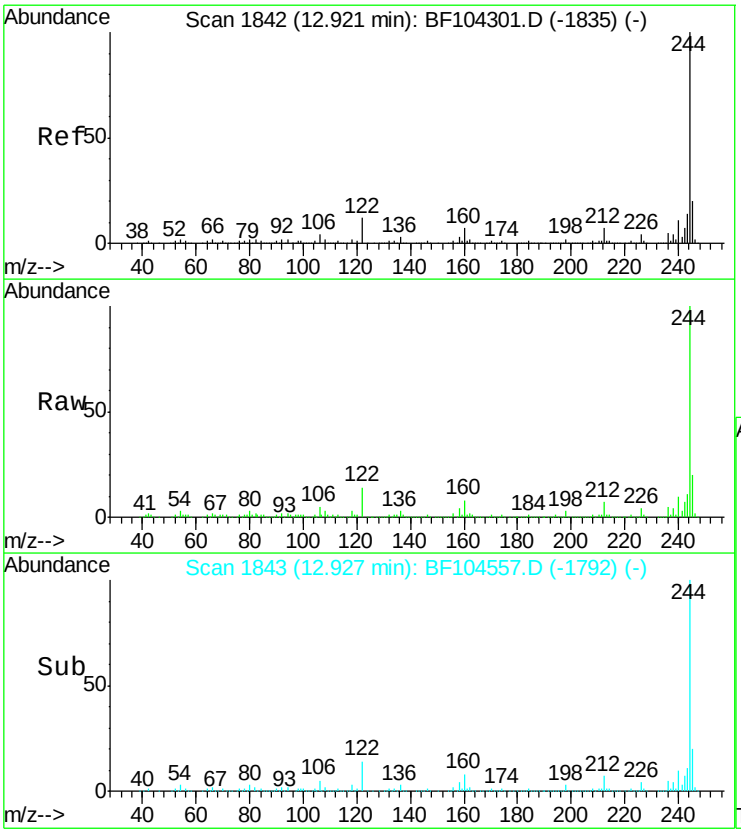
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Instrument :
BNA_F
ClientSampleId :
CO-3

Tgt Ion:240 Resp: 257702

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.2	20.7	31.1

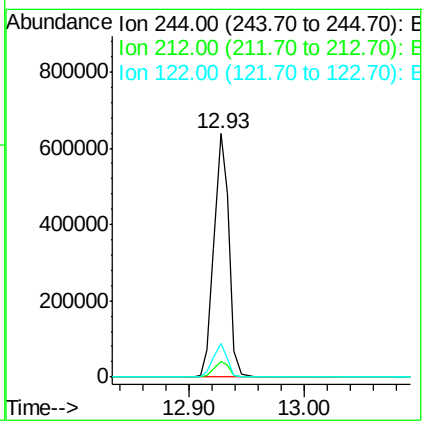


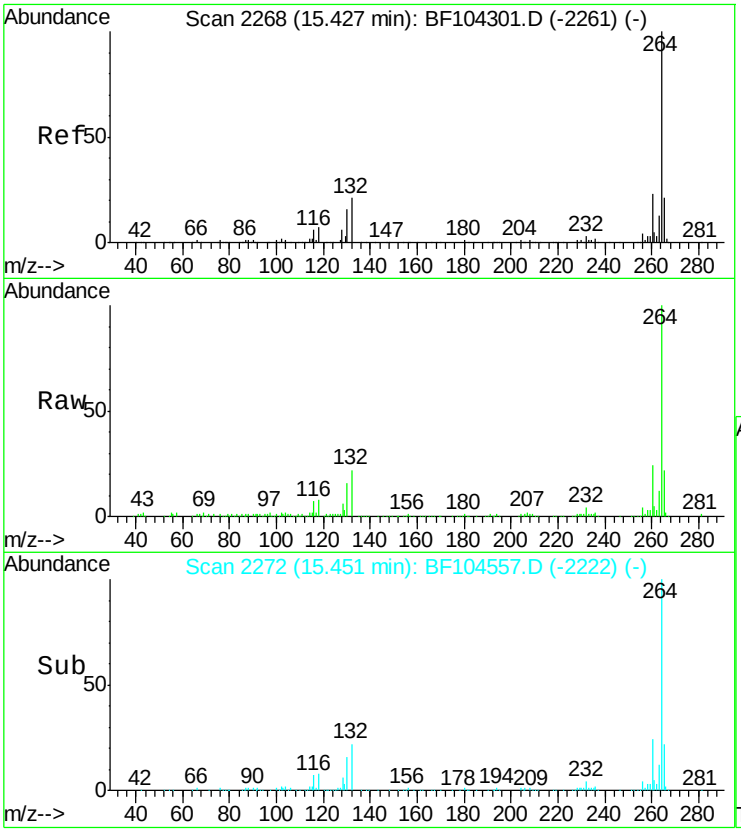


#78
Terphenyl-d14
Concen: 50.722 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Tgt Ion:244 Resp: 573341

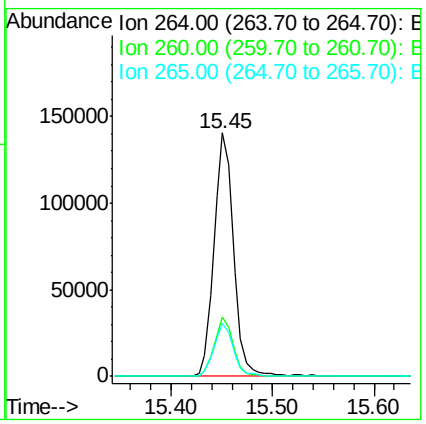
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	14.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Instrument :
BNA_F
ClientSampleId :
CO-3

Tgt Ion:264 Resp: 188340

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3