Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101620.D
Acq On : 21 Dec 2017 21:15
Operator : SJ/JU
Sample : I6920-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-8C

Quant Time: Dec 22 01:42:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	154544	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	603727	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	245633	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	392201	20.00	ng	0.00
75) Chrysene-d12	13.97	240	301479	20.00	ng	0.00
86) Perylene-d12	15.44	264	255516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1021435	98.45	ng	0.01
7) Phenol-d6	6.44	99	1224048	94.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	745099	68.70	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	198194	83.74	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	879945	55.57	ng	0.00
78) Terphenyl-d14	12.90	244	598442	47.85	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.45	94	48151	3.272	ng	81
20) 3+4-Methylphenols	7.22	107	135465	12.734	ng	85
49) Dimethylphthalate	9.55	163	114069	5.773	ng	100

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

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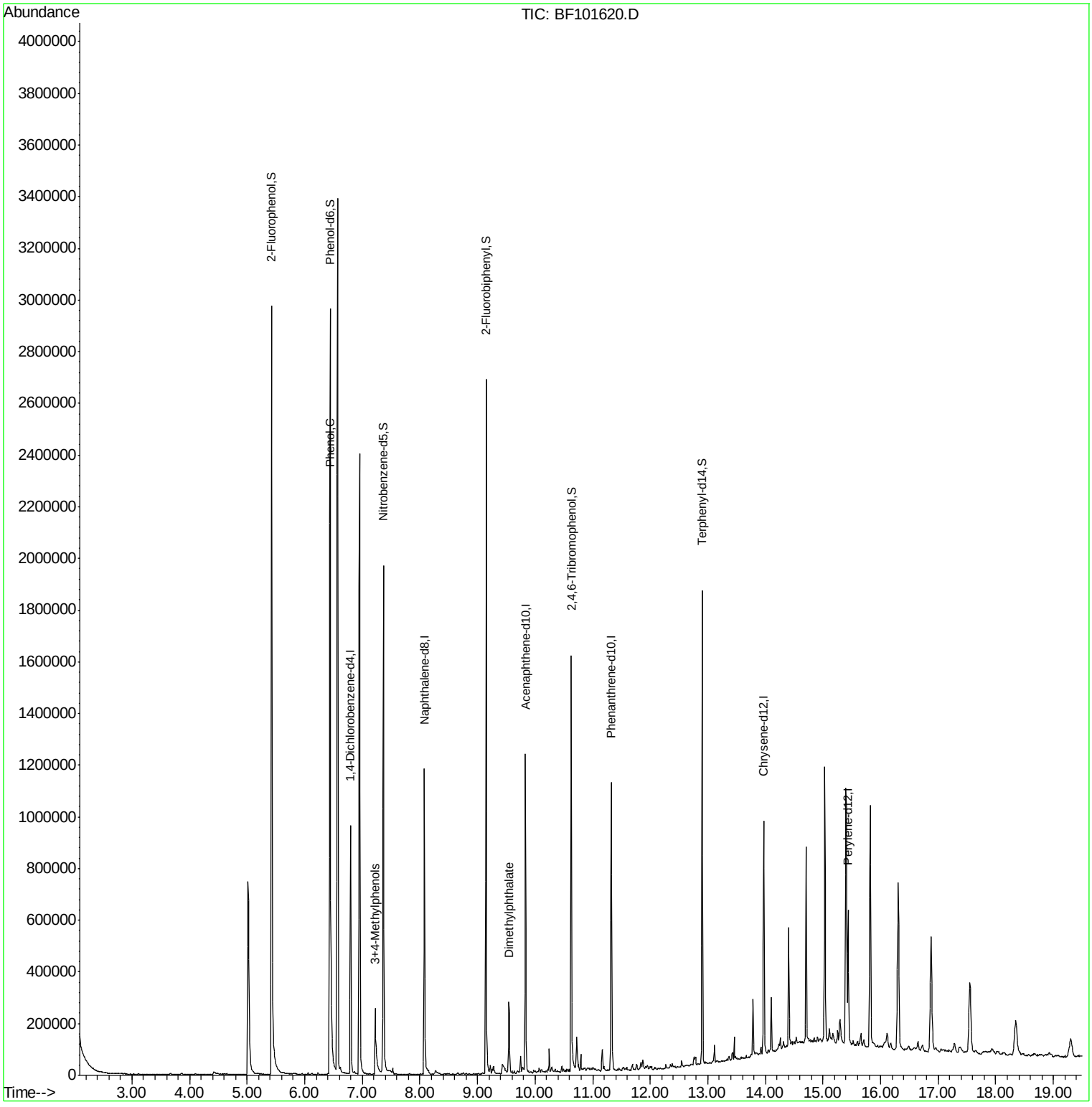
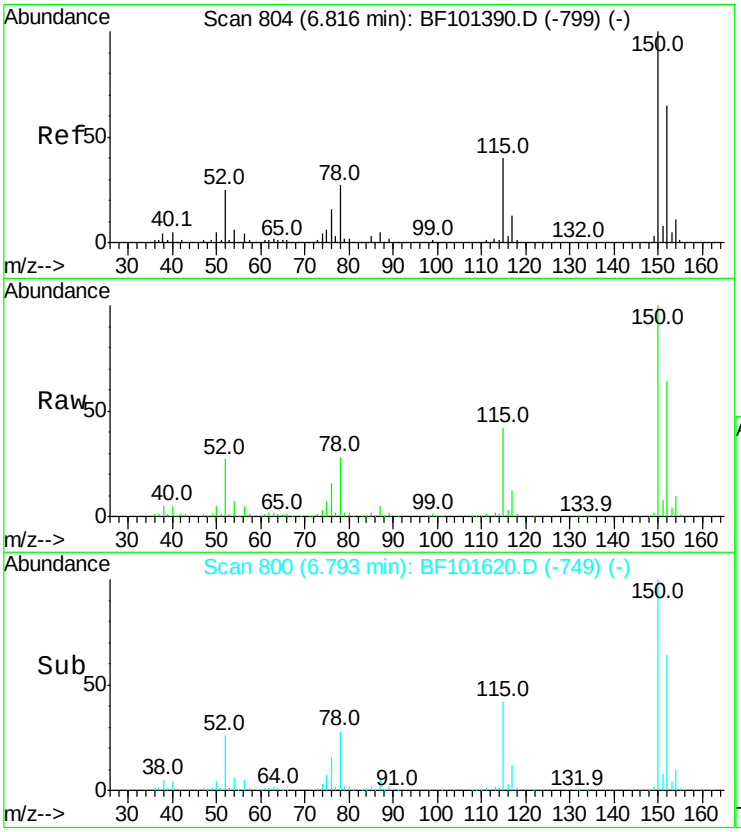


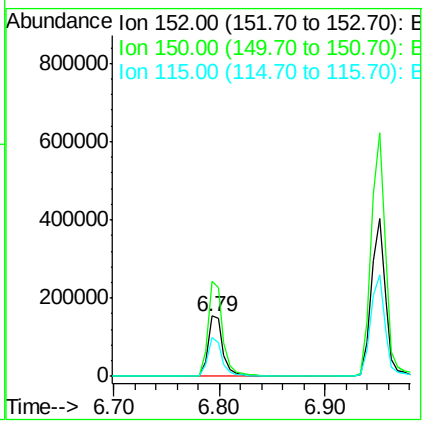


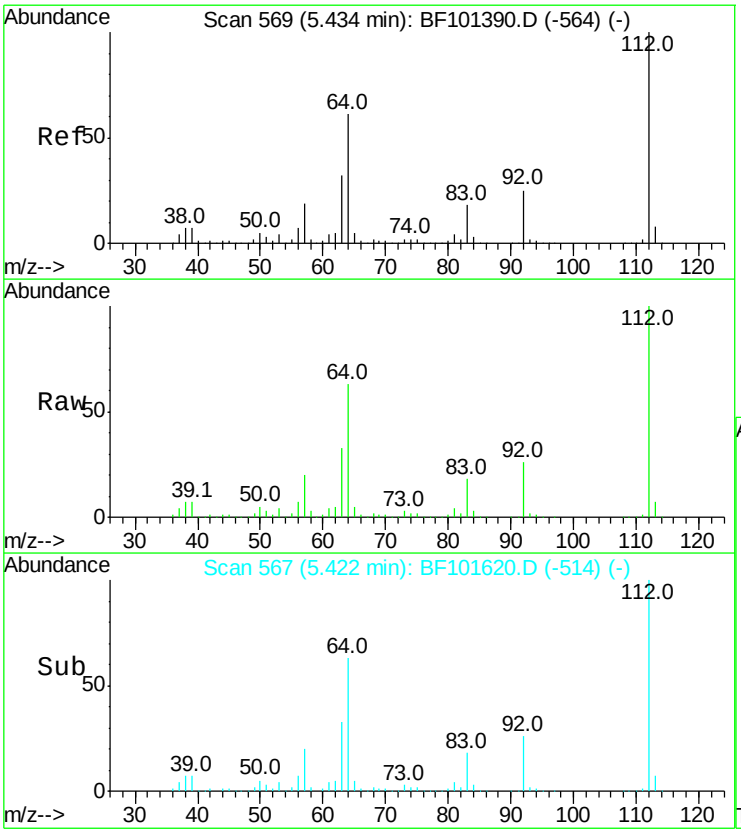
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Instrument :
BNA_F
ClientSampleId :
HL-8C

Tgt Ion:152 Resp: 154544

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	65.2	50.1	75.1

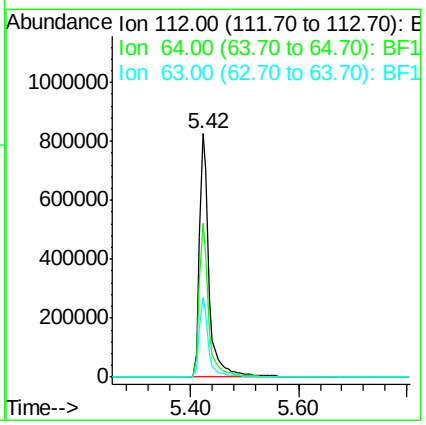


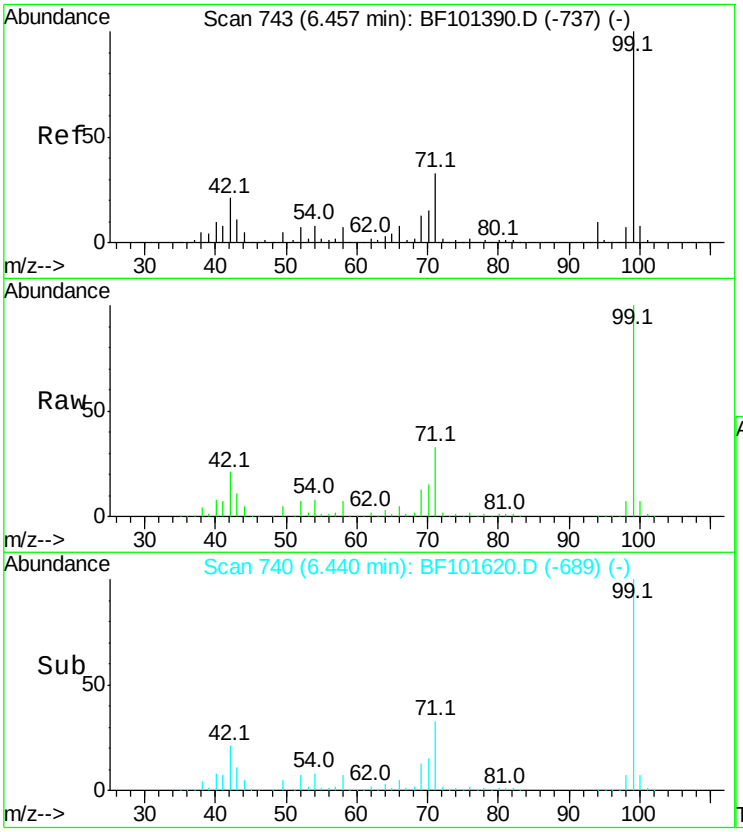


#5
2-Fluorophenol
Concen: 98.451 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Tgt Ion:112 Resp: 1021435

Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.9	71.9
63	32.6	23.7	35.5



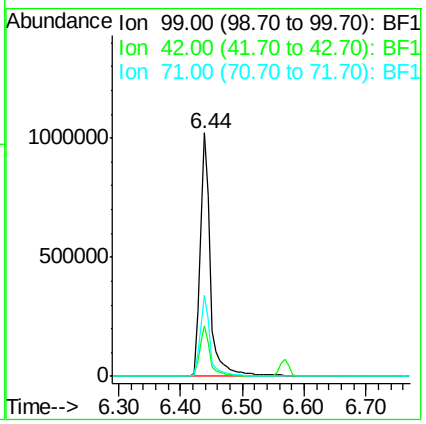


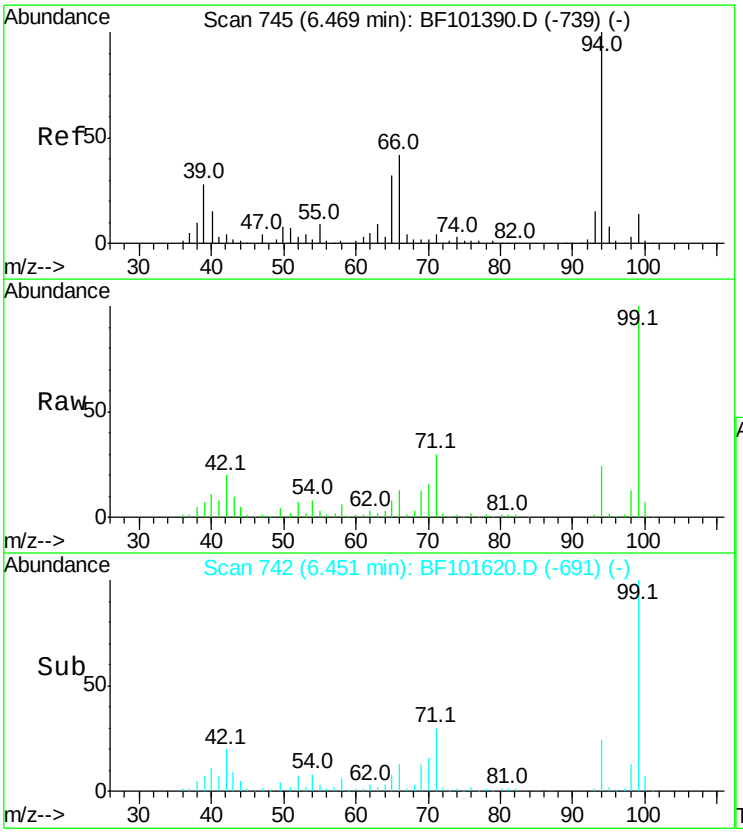
#7
Phenol-d6
Concen: 94.799 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Instrument :
BNA_F
ClientSampleId :
HL-8C

Tgt Ion: 99 Resp: 1224048

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	33.3	25.4	38.0

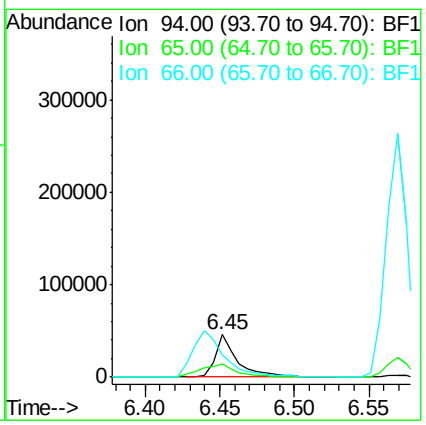


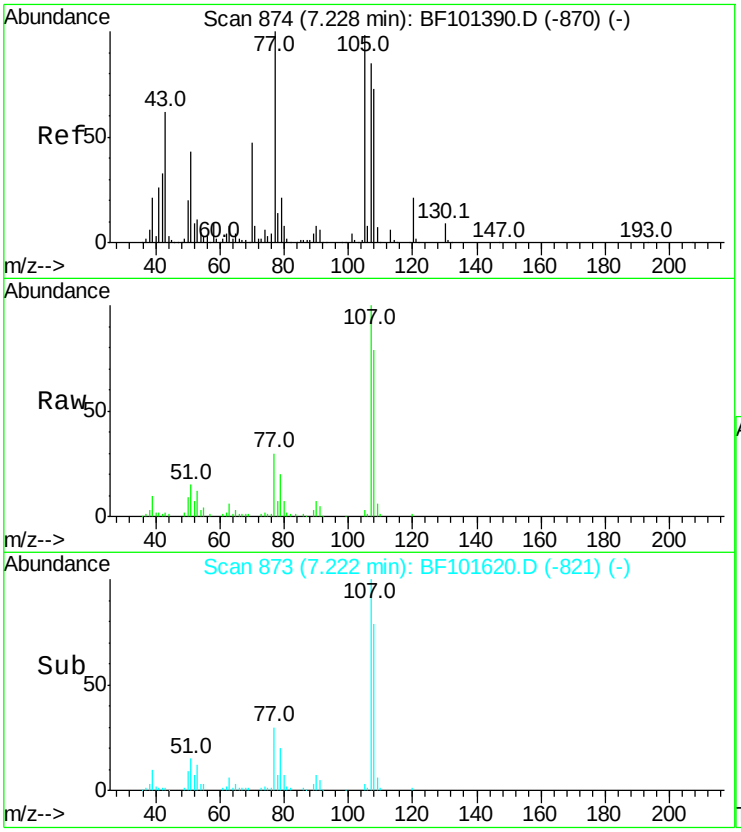


#10
Phenol
Concen: 3.272 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Tgt Ion: 94 Resp: 48151

Ion	Ratio	Lower	Upper
94	100		
65	32.0	7.9	47.9
66	52.3	16.2	56.2



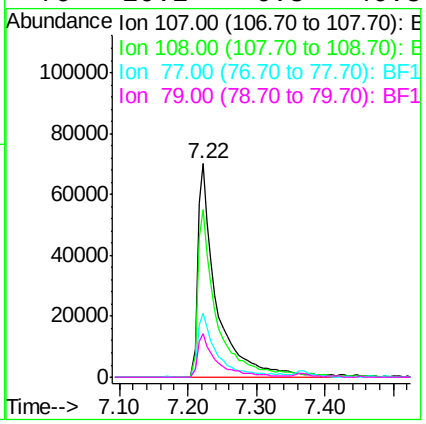


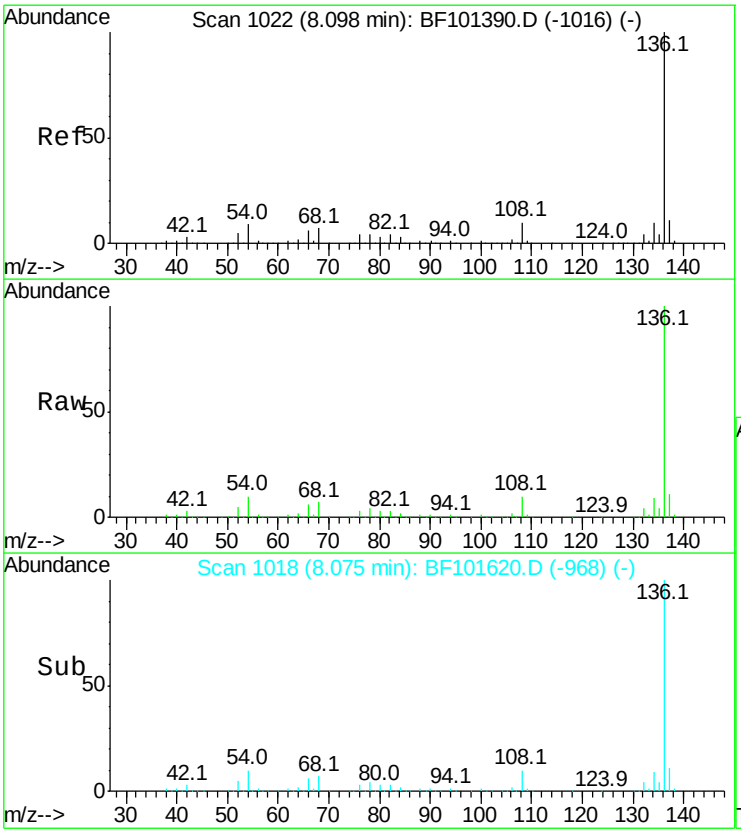
#20
3+4-Methylphenols
Concen: 12.734 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Instrument :
BNA_F
ClientSampleId :
HL-8C

Tgt Ion:107 Resp: 135465

Ion	Ratio	Lower	Upper
107	100		
108	78.8	68.2	108.2
77	29.9	26.7	66.7
79	20.2	6.3	46.3

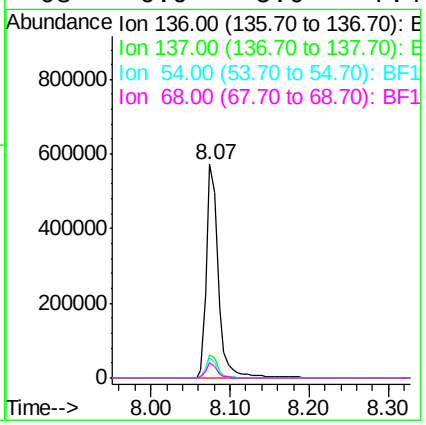


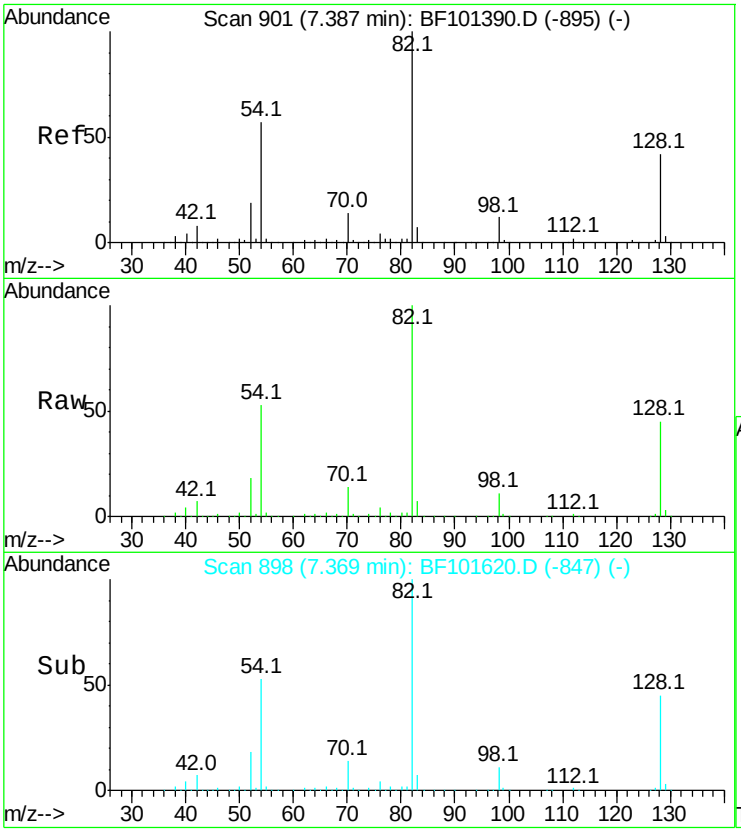


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Tgt Ion:136 Resp: 603727

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.7	6.6	9.8
68	6.9	5.0	7.4



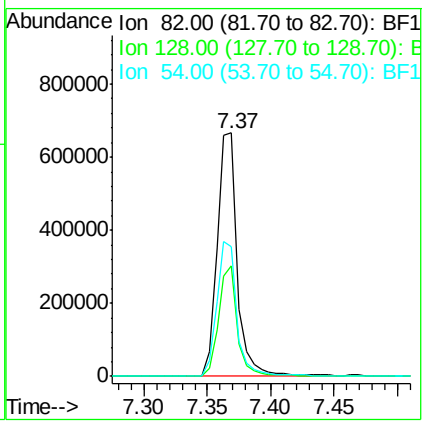


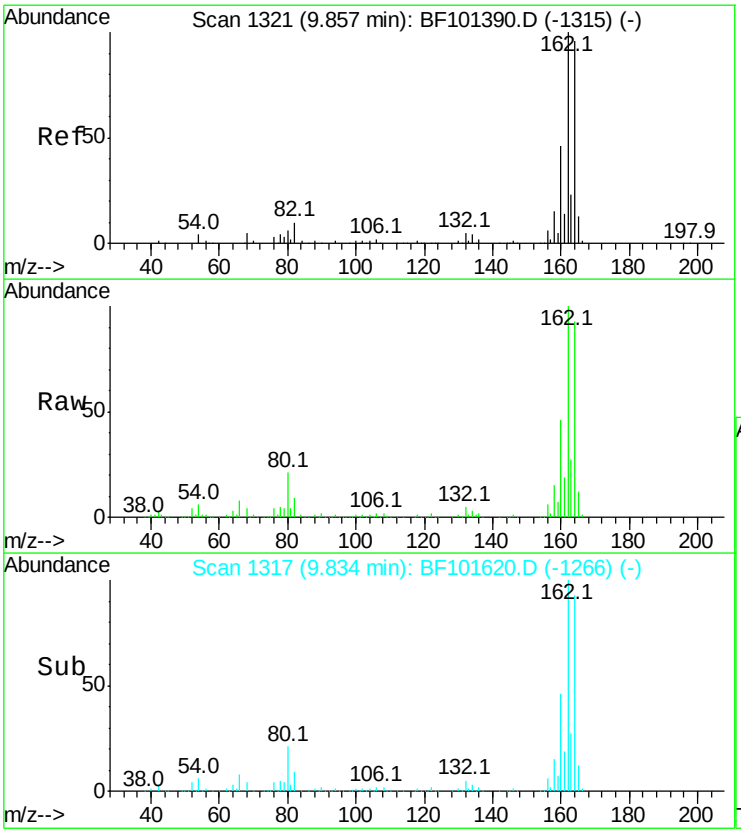
#23
Nitrobenzene-d5
Concen: 68.701 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Instrument :
BNA_F
ClientSampleId :
HL-8C

Tgt Ion: 82 Resp: 745099

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	53.4	41.4	62.2

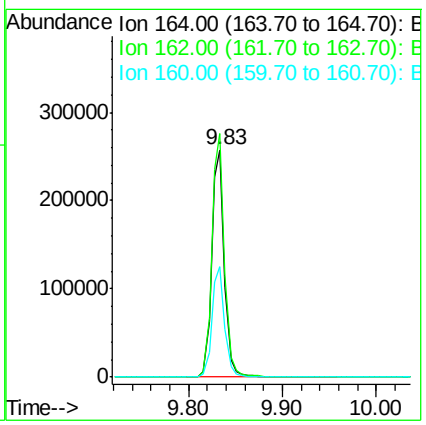


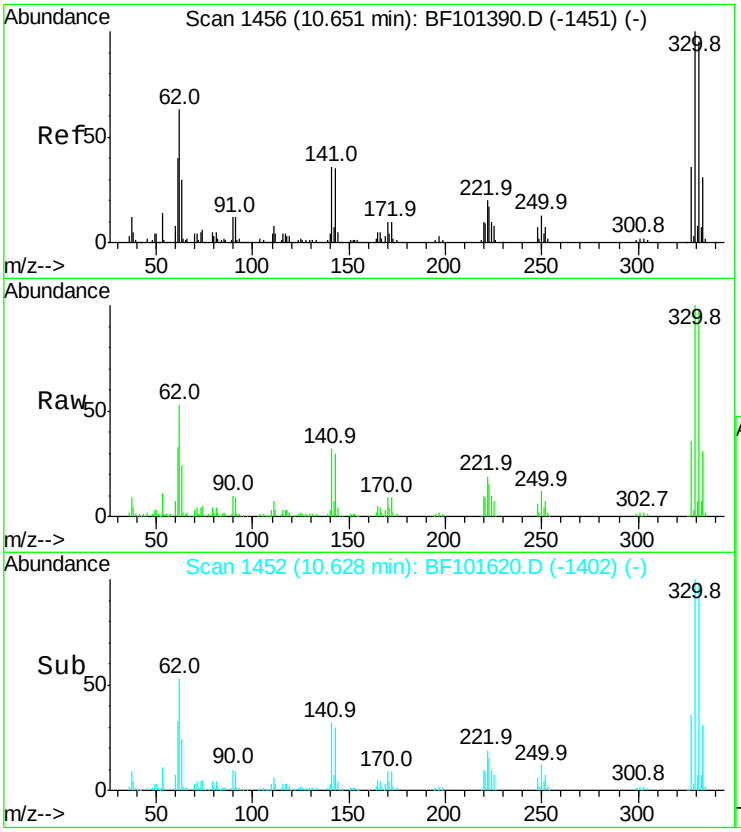


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Tgt Ion:164 Resp: 245633

Ion	Ratio	Lower	Upper
164	100		
162	107.2	86.1	129.1
160	48.9	38.3	57.5



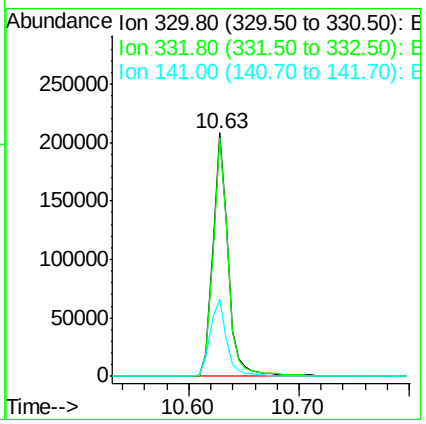


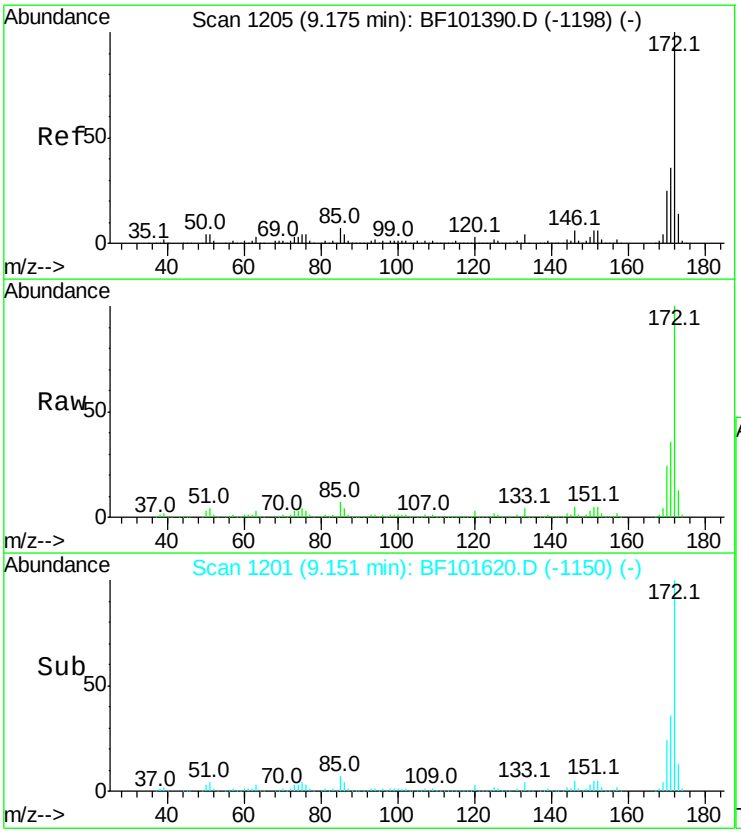
#41
2,4,6-Tribromophenol
Concen: 83.737 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Instrument :
BNA_F
ClientSampleId :
HL-8C

Tgt Ion:330 Resp: 198194

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	34.7	29.9	44.9

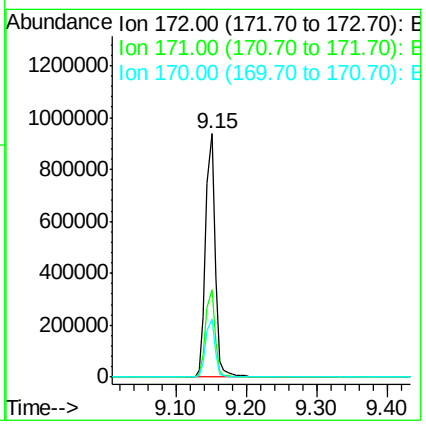


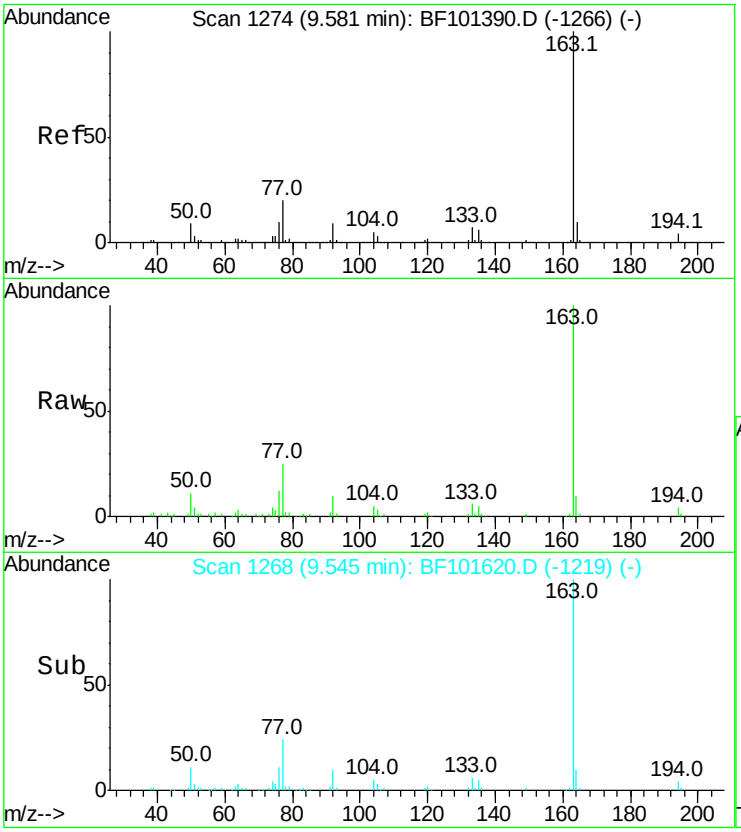


#44
2-Fluorobiphenyl
Concen: 55.571 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Tgt Ion:172 Resp: 879945

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4



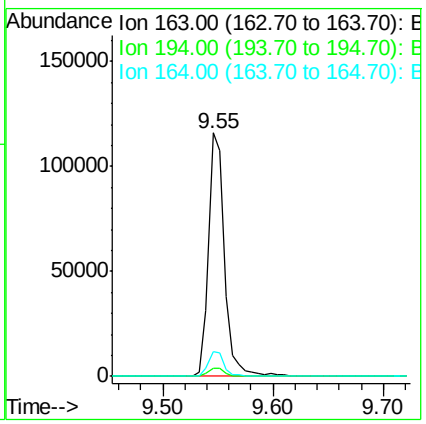


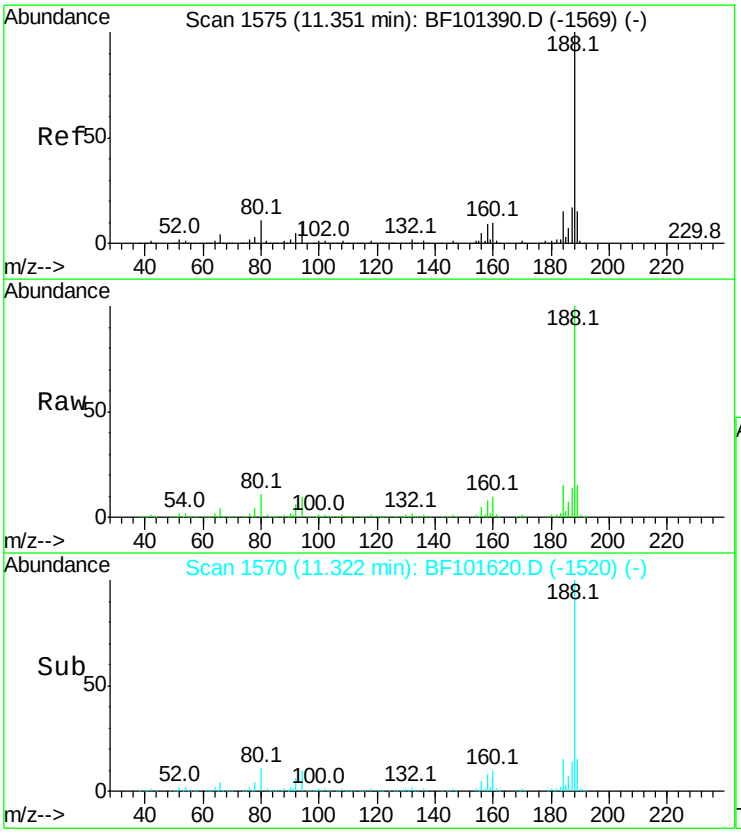
#49
Dimethylphthalate
Concen: 5.773 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Instrument :
BNA_F
ClientSampleId :
HL-8C

Tgt Ion:163 Resp: 114069

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2

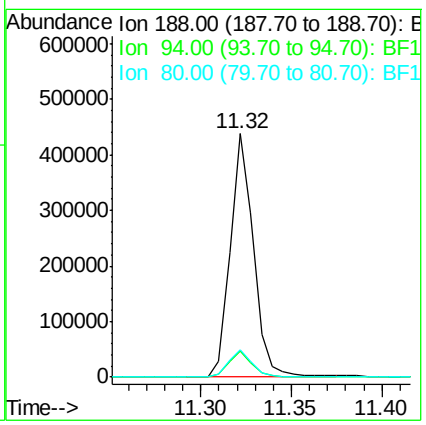


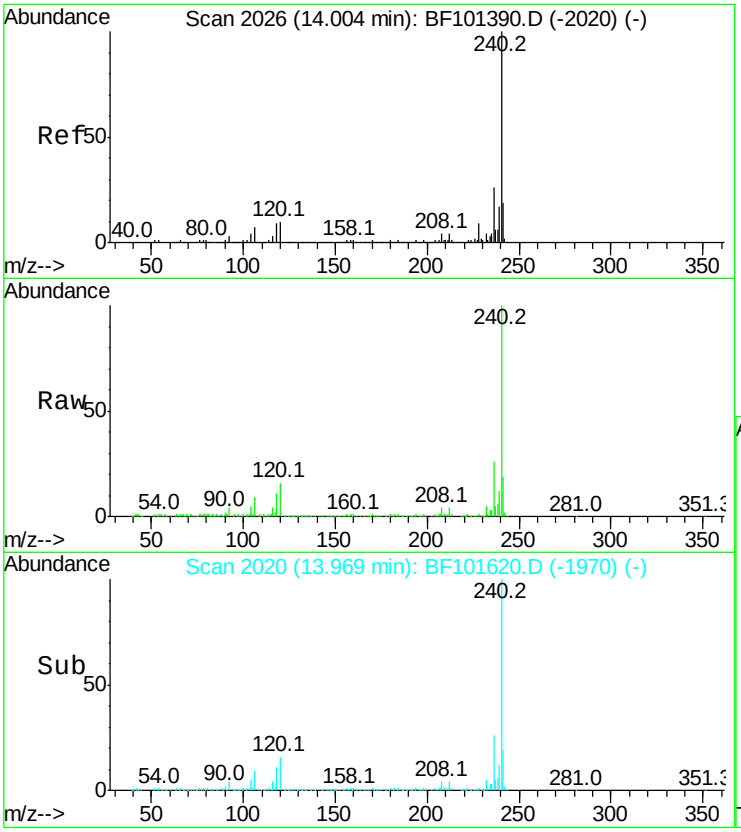


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Tgt Ion:188 Resp: 392201

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.2	13.8



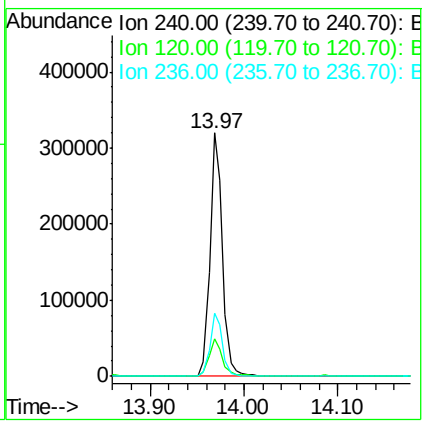


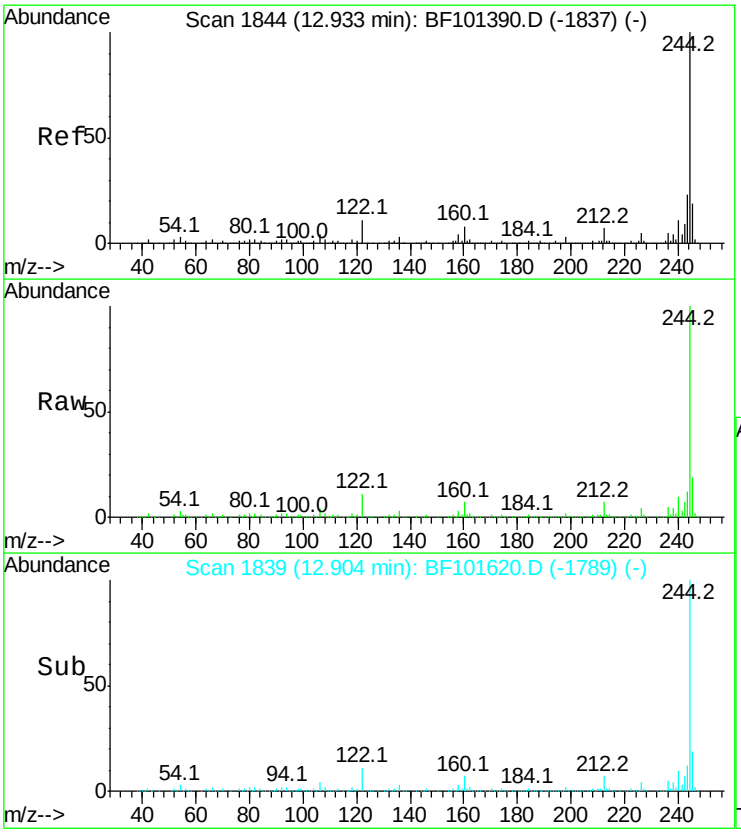
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Instrument :
BNA_F
ClientSampleId :
HL-8C

Tgt Ion:240 Resp: 301479

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	25.9	20.7	31.1

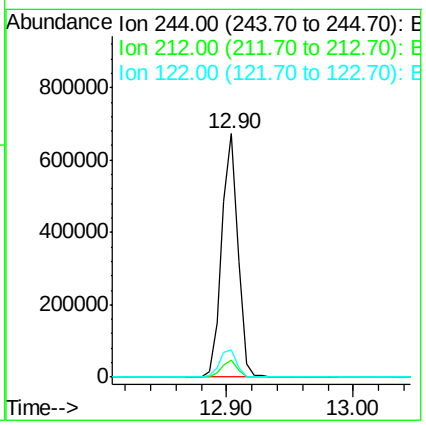


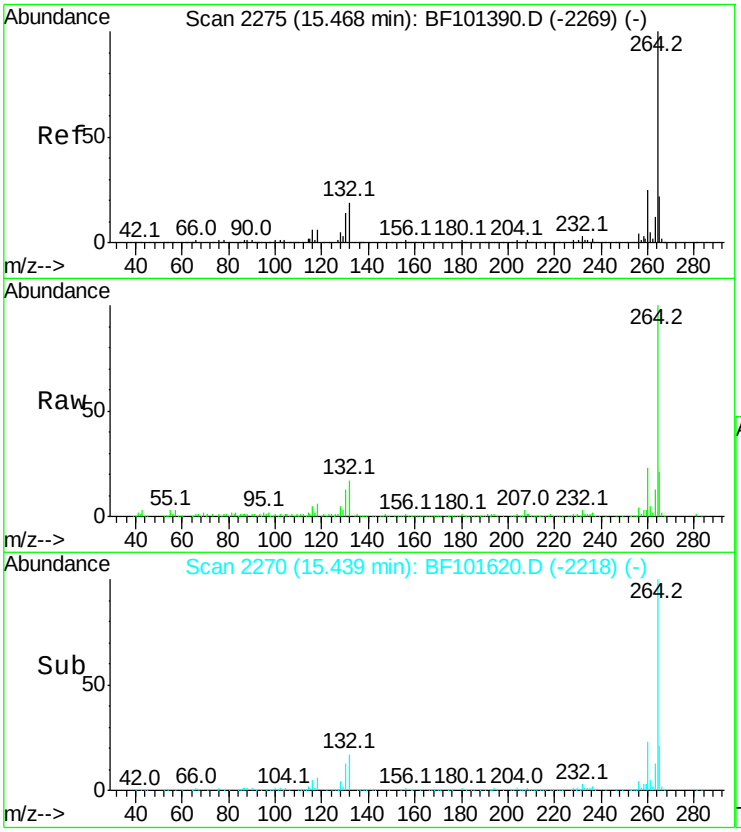


#78
Terphenyl-d14
Concen: 47.854 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Tgt Ion:244 Resp: 598442

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Instrument :
BNA_F
ClientSampleId :
HL-8C

Tgt Ion:264 Resp: 255516

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.6	17.5	26.3