Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101455.D
Acq On : 15 Dec 2017 20:48
Operator : SJ/JU
Sample : I6889-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-1(0-3)

Quant Time: Dec 15 22:33:23 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	188005	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	760620	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	316402	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	530448	20.00	ng	0.00
75) Chrysene-d12	13.99	240	366802	20.00	ng	0.00
86) Perylene-d12	15.47	264	321576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1255753	99.49	ng	0.02
7) Phenol-d6	6.46	99	1530407	97.43	ng	0.00
23) Nitrobenzene-d5	7.39	82	966568	70.74	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	303027	99.39	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1362154	66.78	ng	0.00
78) Terphenyl-d14	12.93	244	1040552	68.39	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.47	94	89716	5.011	ng	95
49) Dimethylphthalate	9.57	163	199974	7.857	ng	99

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

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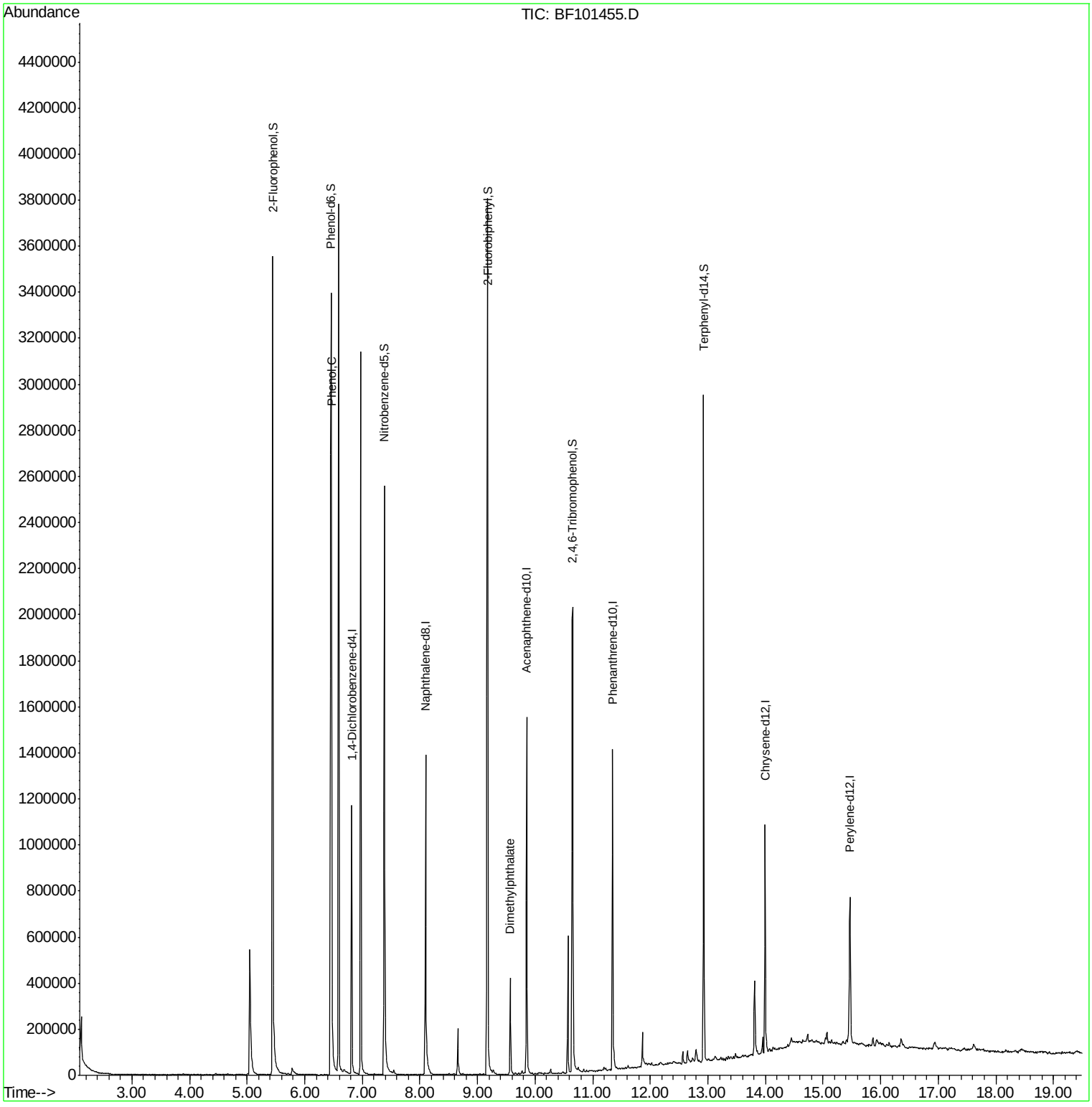
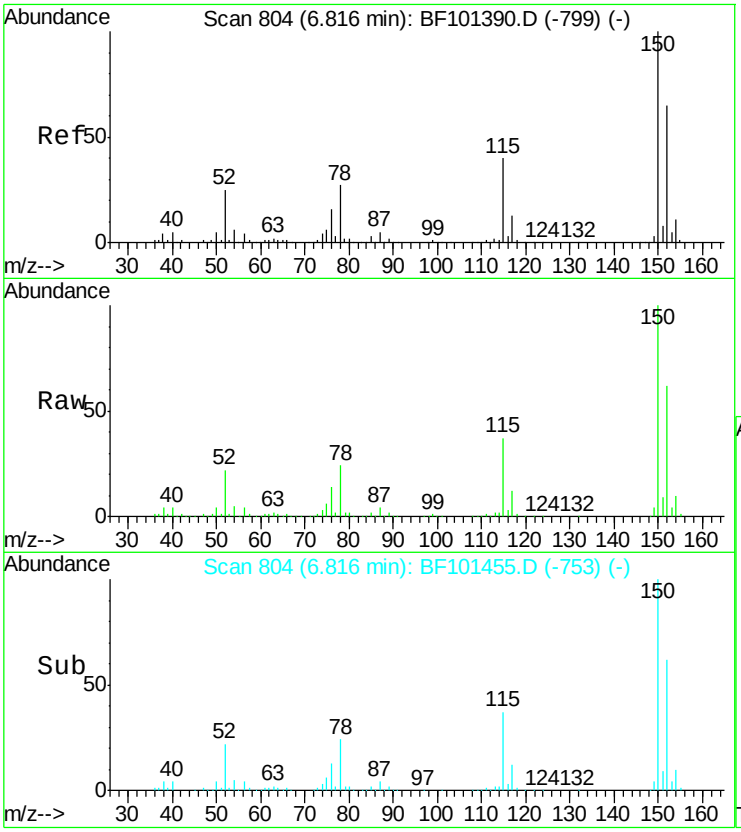


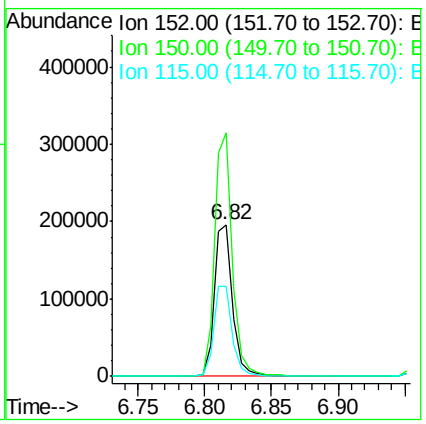


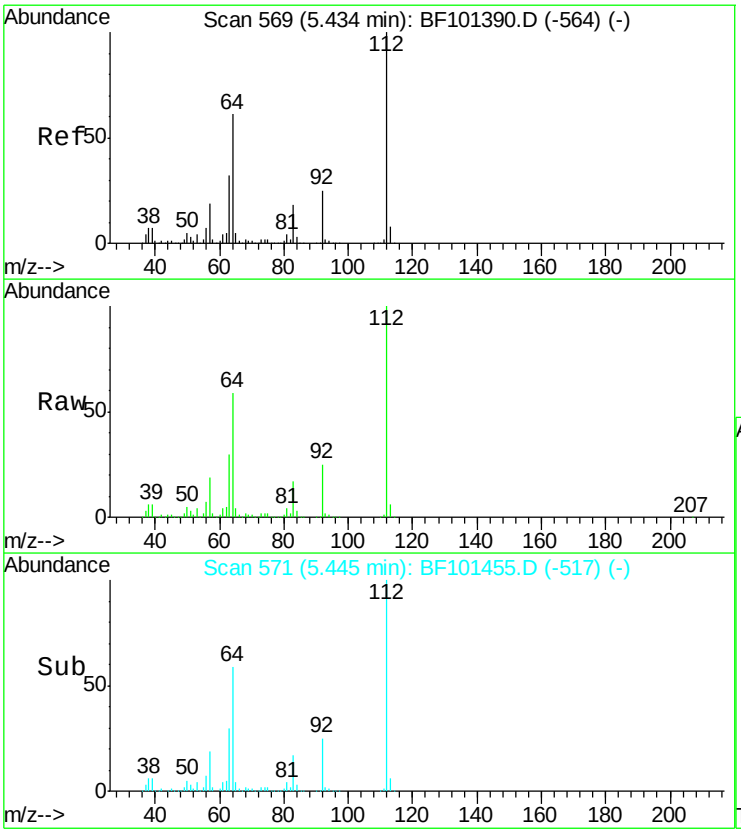
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Instrument :
BNA_F
ClientSampleId :
T-1(0-3)

Tgt Ion:152 Resp: 188005

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	59.5	50.1	75.1

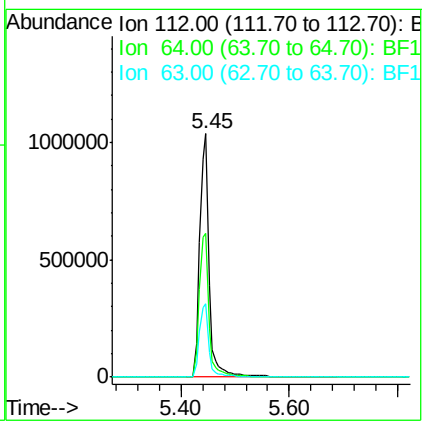


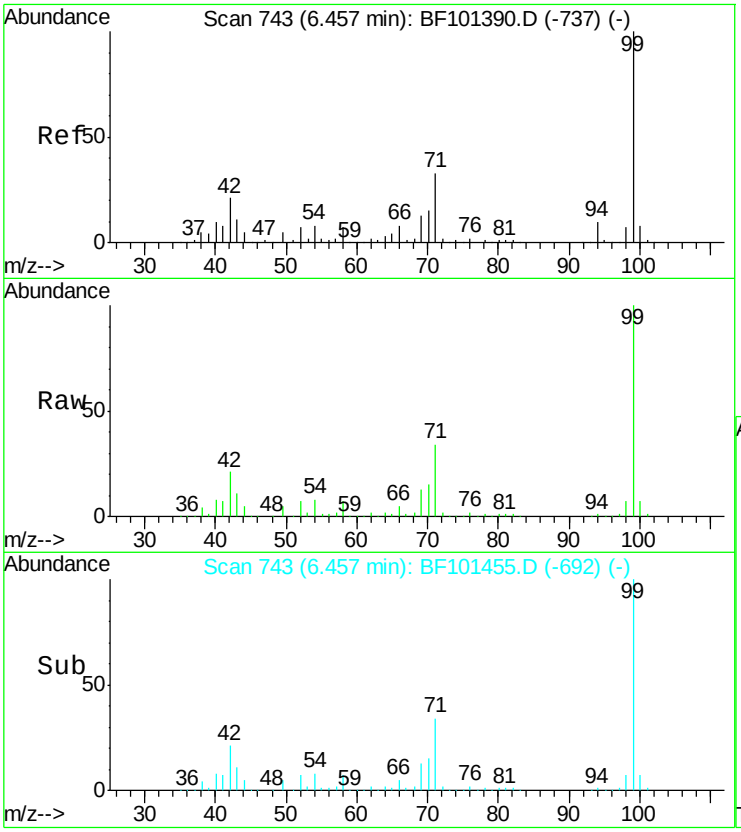


#5
2-Fluorophenol
Concen: 99.494 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Tgt Ion:112 Resp: 1255753

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	30.3	23.7	35.5



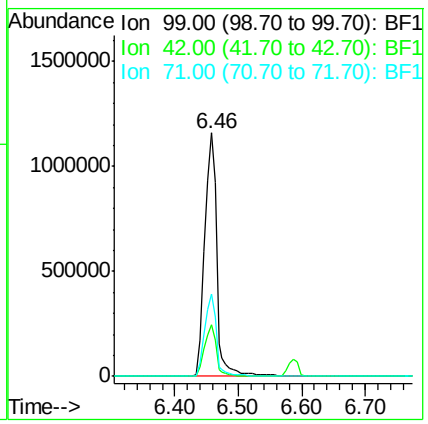


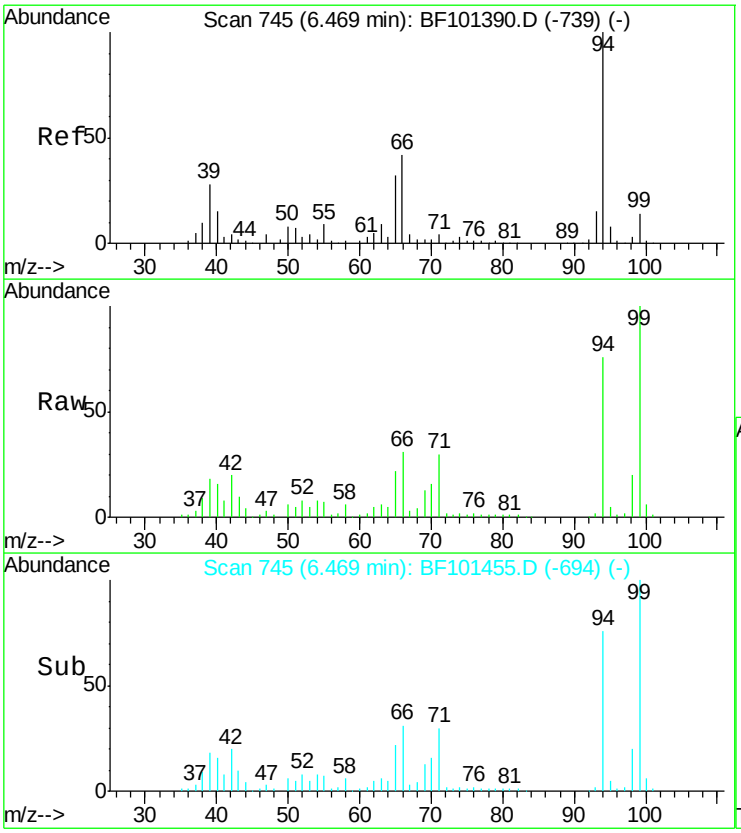
#7
Phenol-d6
Concen: 97.430 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Instrument :
BNA_F
ClientSampleId :
T-1(0-3)

Tgt Ion: 99 Resp: 1530407

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	34.0	25.4	38.0

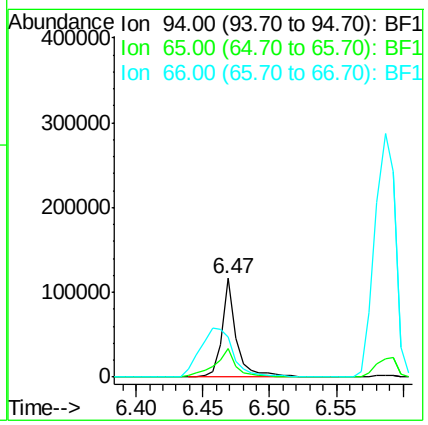


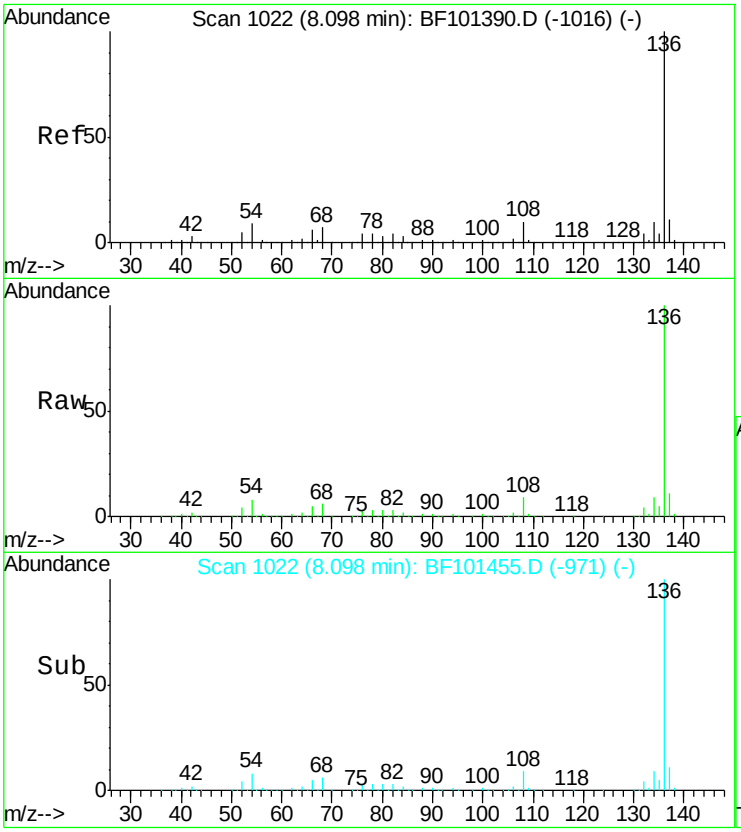


#10
Phenol
Concen: 5.011 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Tgt Ion: 94 Resp: 89716

Ion	Ratio	Lower	Upper
94	100		
65	28.7	7.9	47.9
66	40.5	16.2	56.2



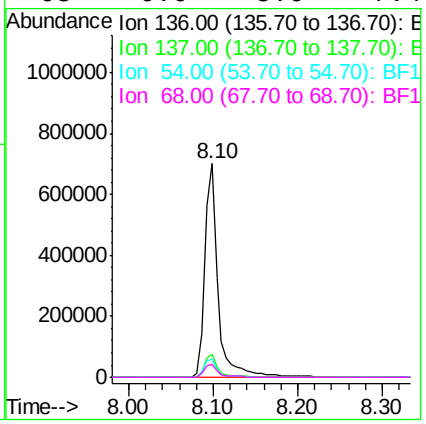


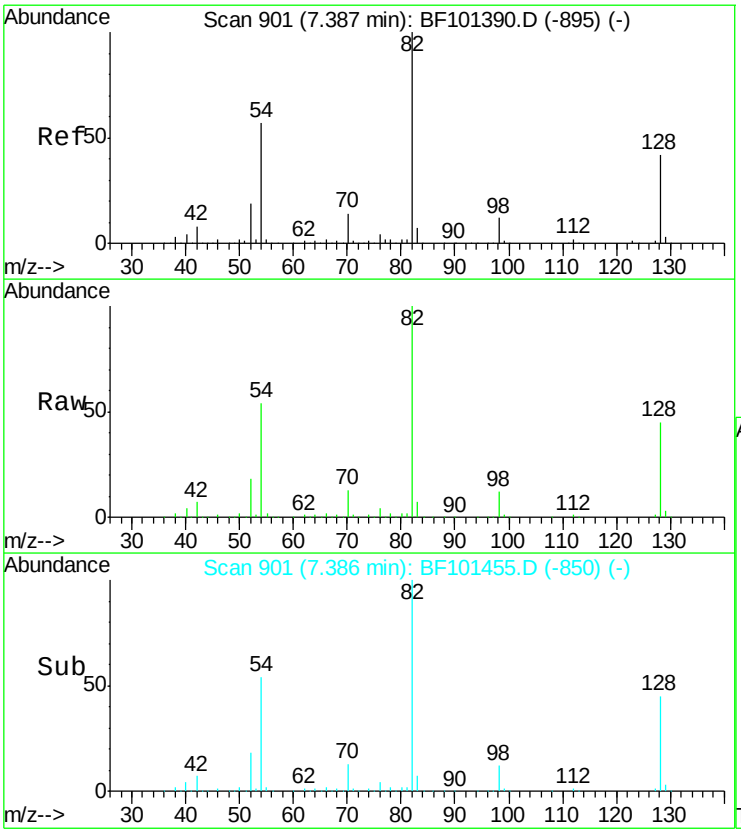
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Instrument :
BNA_F
ClientSampleId :
T-1(0-3)

Tgt Ion:136 Resp: 760620

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

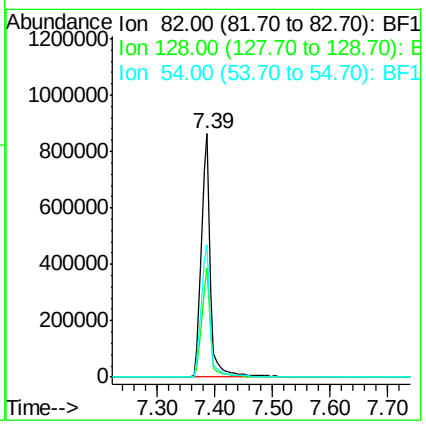


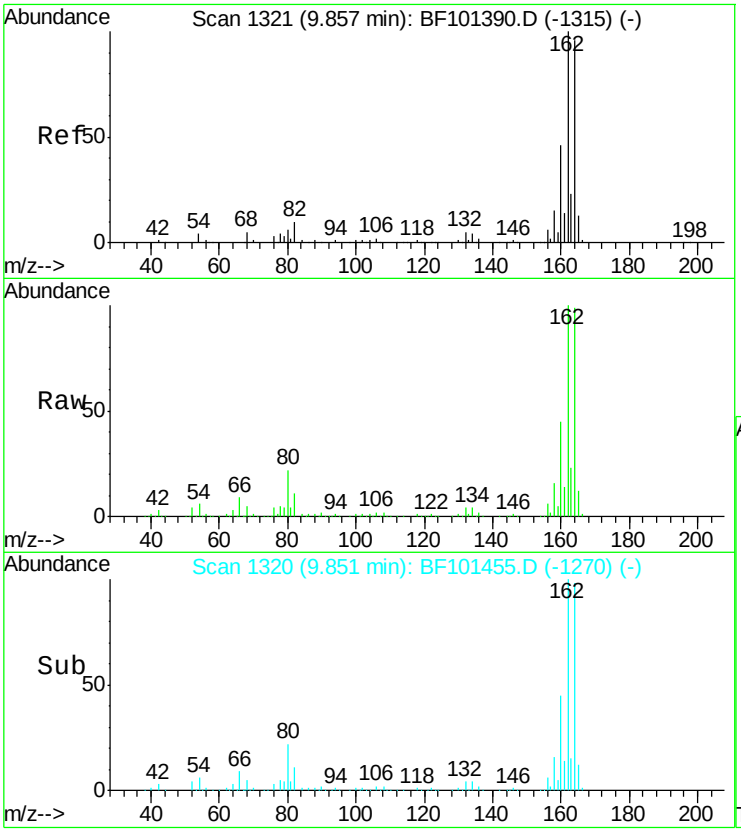


#23
Nitrobenzene-d5
Concen: 70.738 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Tgt Ion: 82 Resp: 966568

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	54.2	41.4	62.2



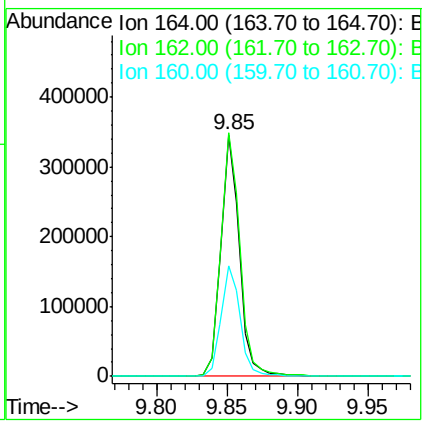


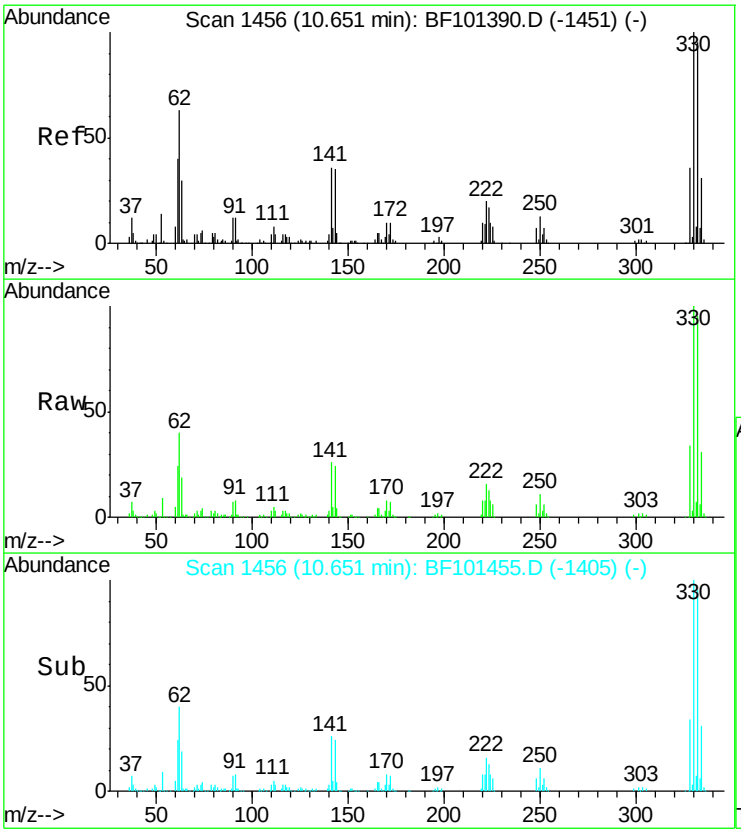
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Instrument :
BNA_F
ClientSampleId :
T-1(0-3)

Tgt Ion:164 Resp: 316402

Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	45.6	38.3	57.5

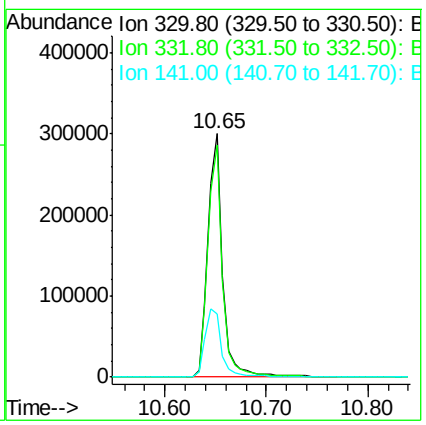


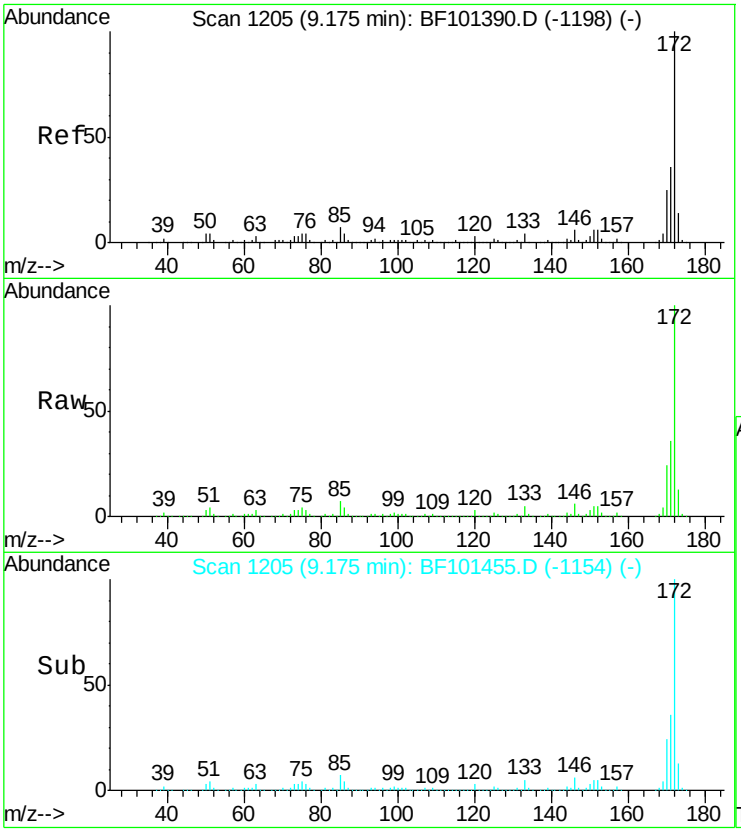


#41
2,4,6-Tribromophenol
Concen: 99.393 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Tgt Ion:330 Resp: 303027

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	31.8	29.9	44.9



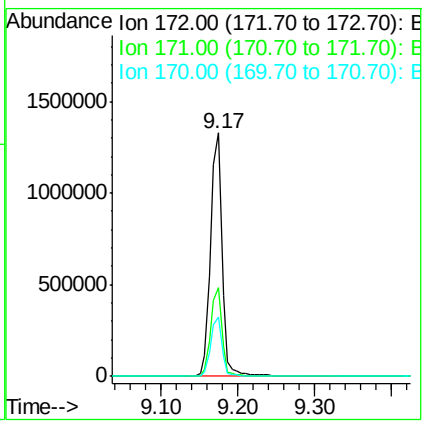


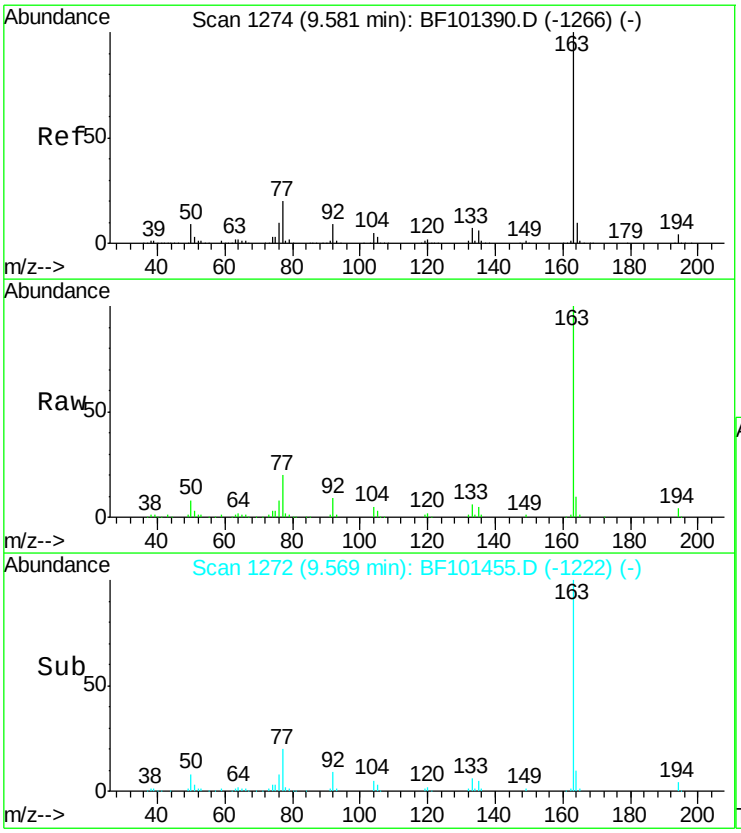
#44
2-Fluorobiphenyl
Concen: 66.783 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Instrument :
BNA_F
ClientSampleId :
T-1(0-3)

Tgt Ion:172 Resp: 1362154

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.5	19.6	29.4

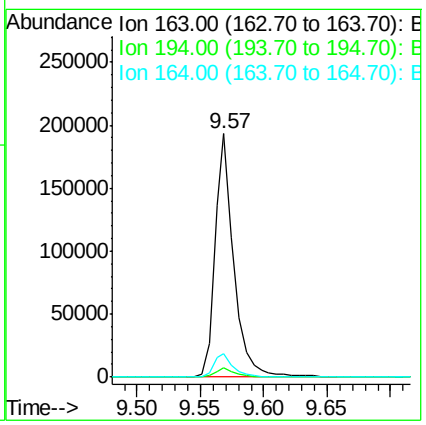


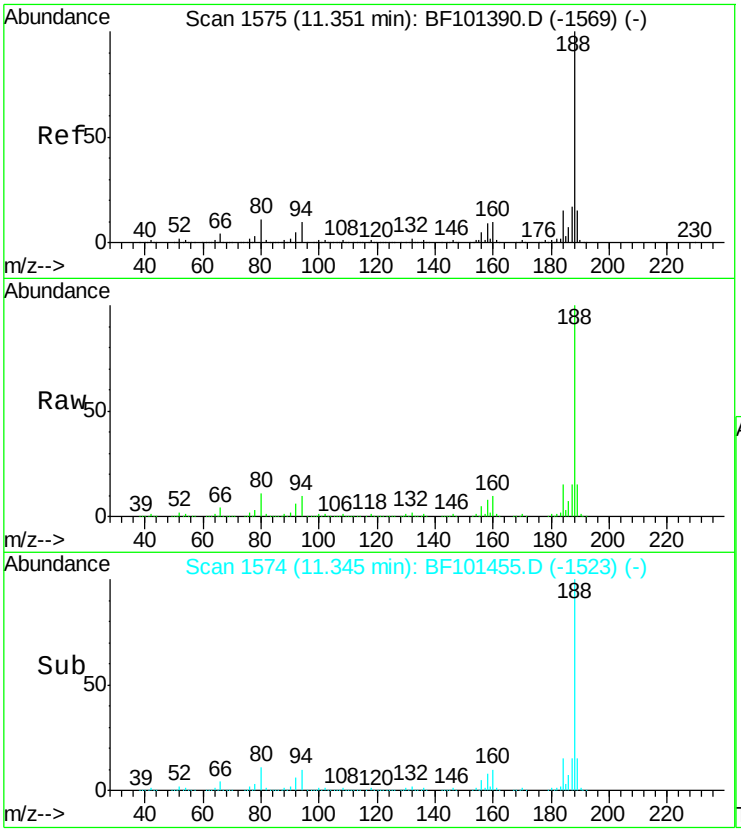


#49
Dimethylphthalate
Concen: 7.857 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Tgt Ion:163 Resp: 199974

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2



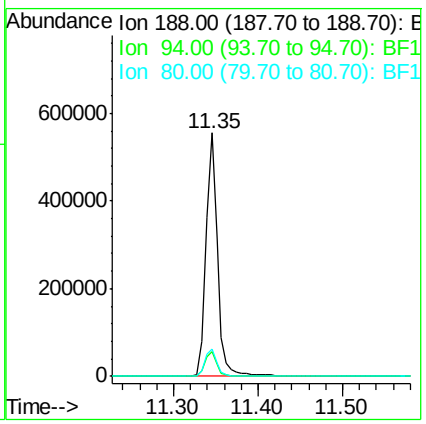


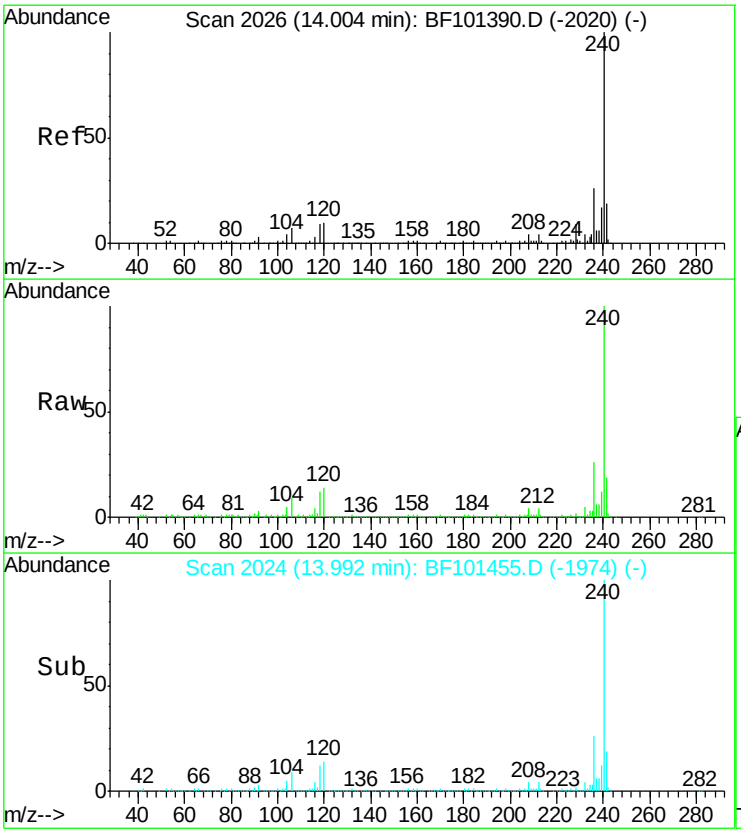
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Instrument :
BNA_F
ClientSampleId :
T-1(0-3)

Tgt Ion:188 Resp: 530448

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.1	9.2	13.8

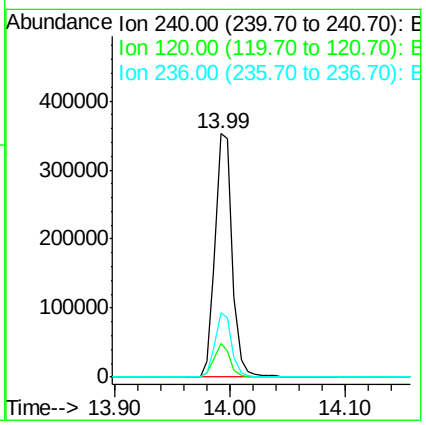


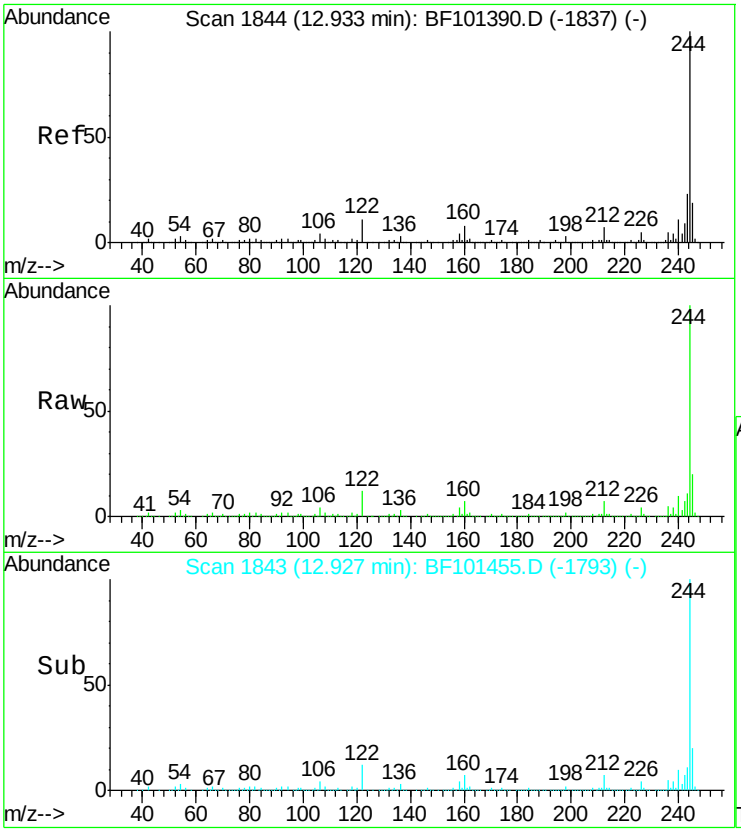


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Tgt Ion:240 Resp: 366802

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	26.3	20.7	31.1



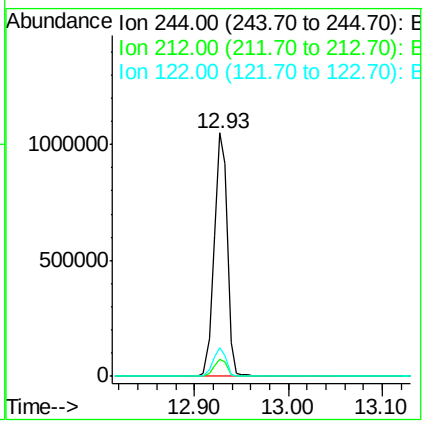


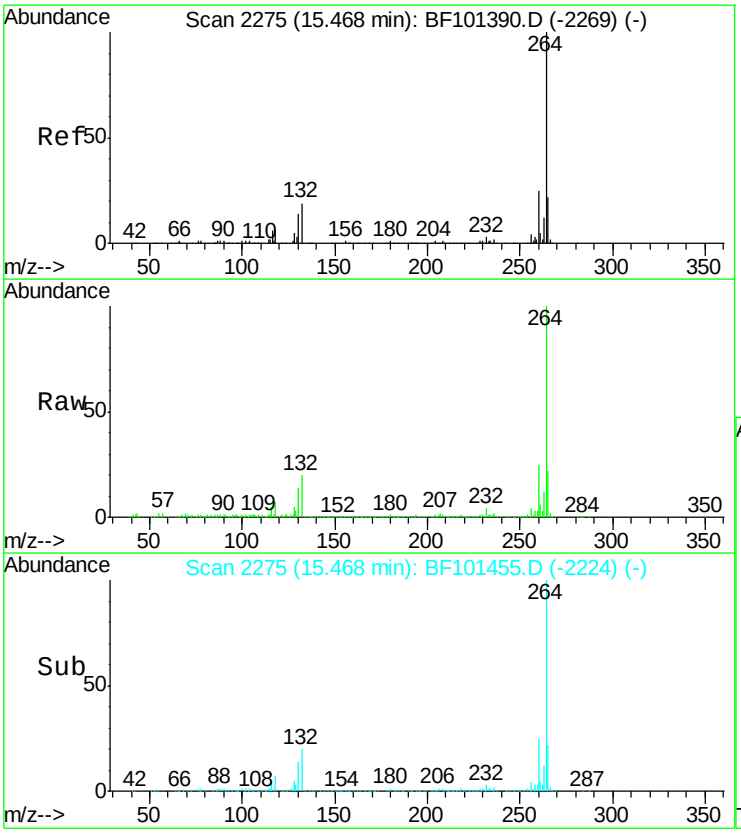
#78
Terphenyl-d14
Concen: 68.389 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Instrument :
BNA_F
ClientSampleId :
T-1(0-3)

Tgt Ion:244 Resp: 1040552

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101455.D
Acq: 15 Dec 2017 20:48

Tgt Ion:264 Resp: 321576

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.2	17.5	26.3