Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102127.D
Acq On : 16 Jan 2018 23:16
Operator : SJ/JU
Sample : J1131-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWS-4

Quant Time: Jan 17 03:41:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133452	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	525966	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	221437	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	337552	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	231911	20.00	ng	-0.02
86) Perylene-d12	15.28	264	240549	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	253854	26.86	ng	0.00
7) Phenol-d6	6.35	99	274092	24.31	ng	-0.02
23) Nitrobenzene-d5	7.28	82	194797	21.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	67958	35.17	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	374475	26.42	ng	-0.02
78) Terphenyl-d14	12.82	244	235919	21.12	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	6.87	79	438037	53.109	ng	96
20) 3+4-Methylphenols	7.12	107	37260	3.629	ng	87
31) Naphthalene	8.02	128	69300	2.637	ng	98
32) Benzoic acid	7.82	122	429620	75.361	ng	97

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

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Misc :
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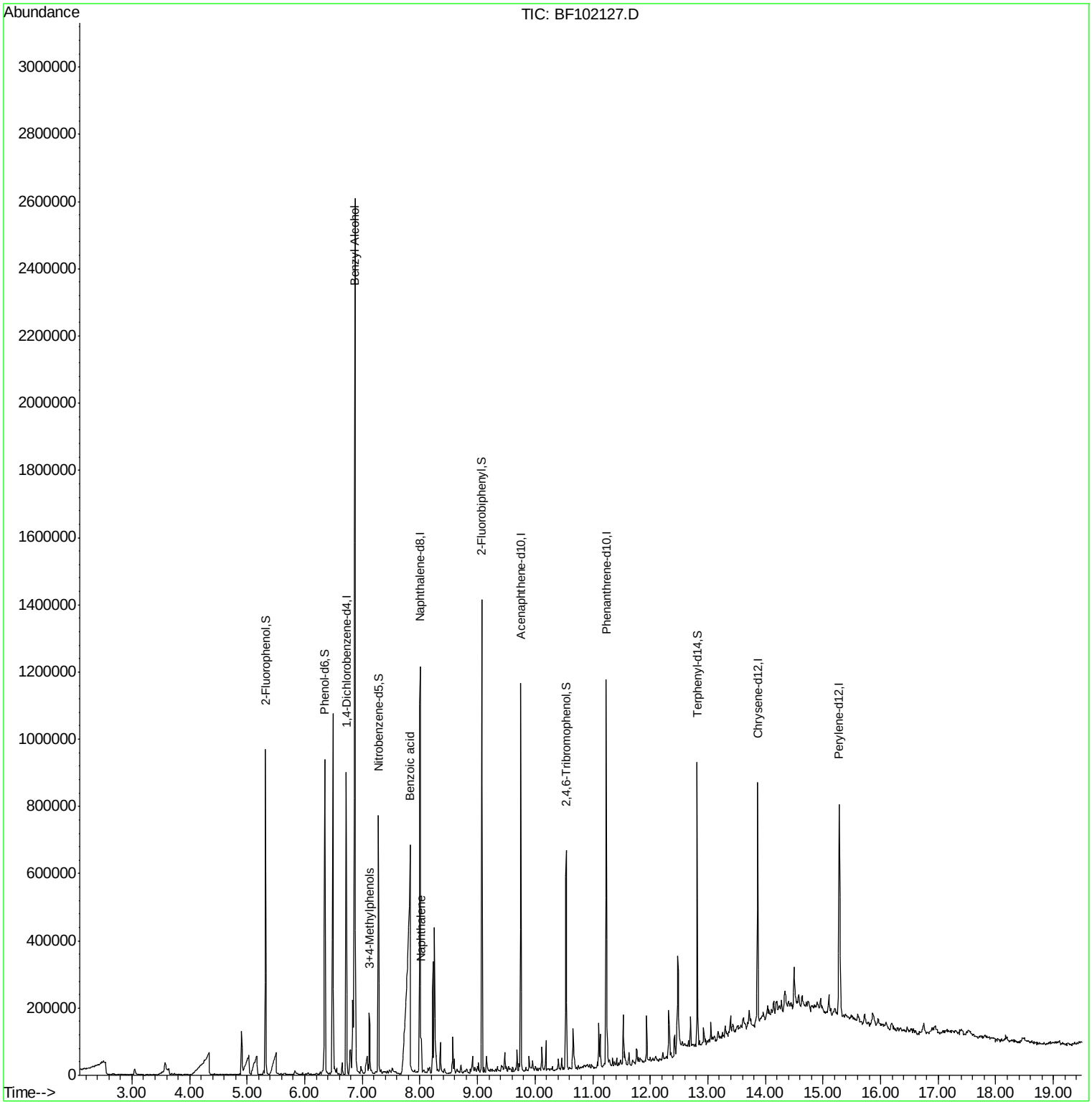
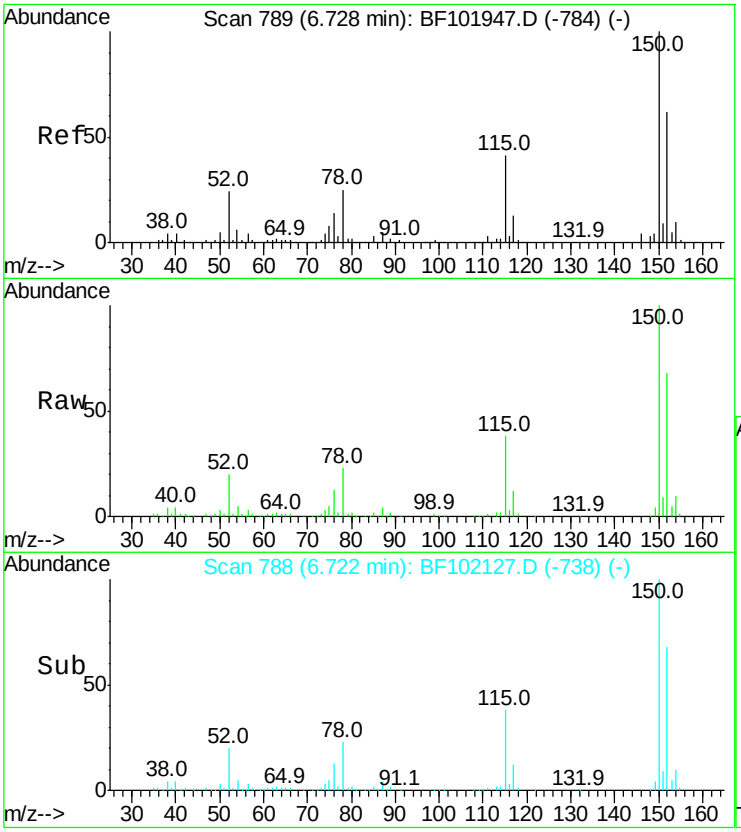


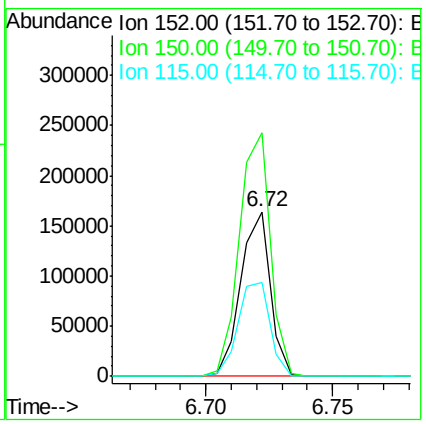


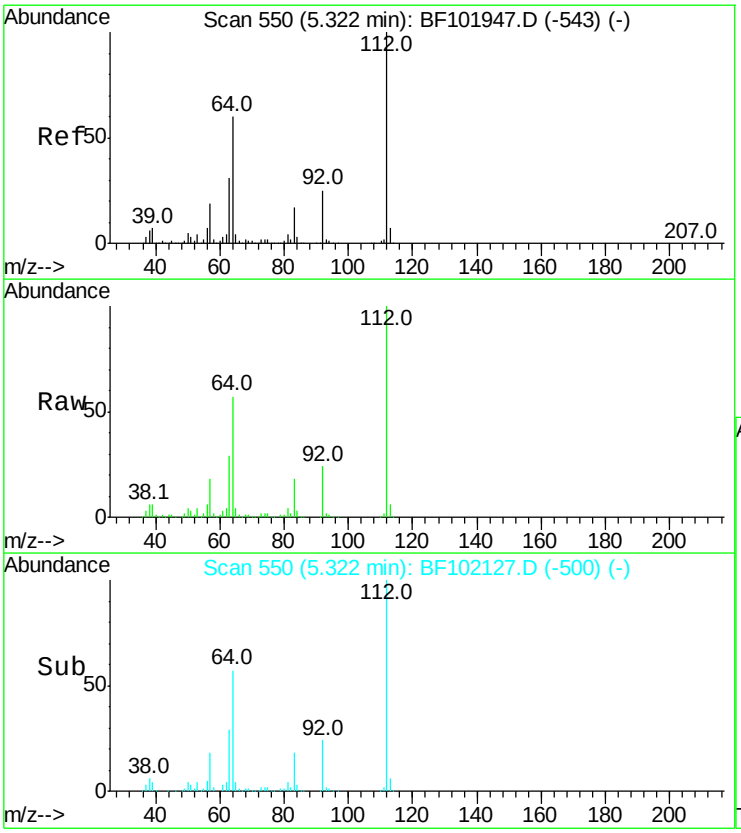
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:152 Resp: 133452

Ion	Ratio	Lower	Upper
152	100		
150	148.1	124.6	186.8
115	56.9	50.1	75.1

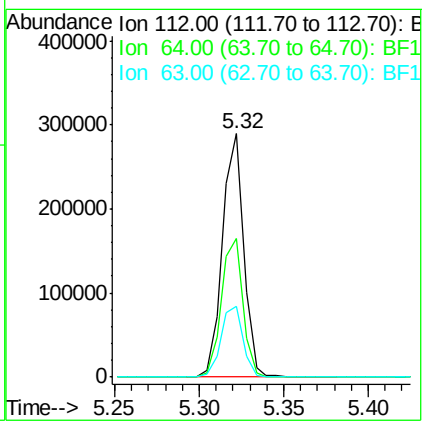


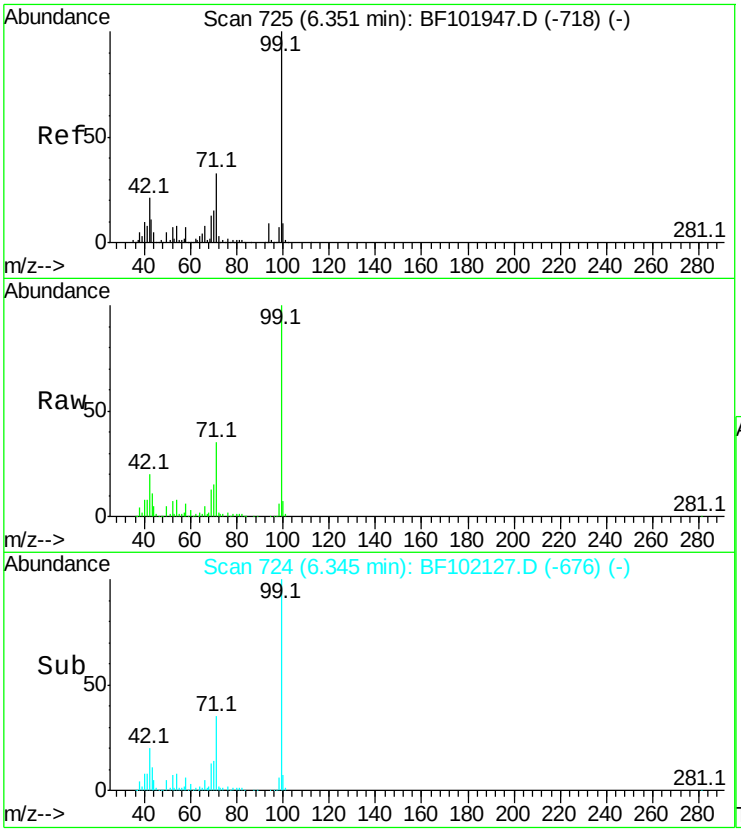


#5
2-Fluorophenol
Concen: 26.861 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Tgt Ion:112 Resp: 253854

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	29.2	23.7	35.5



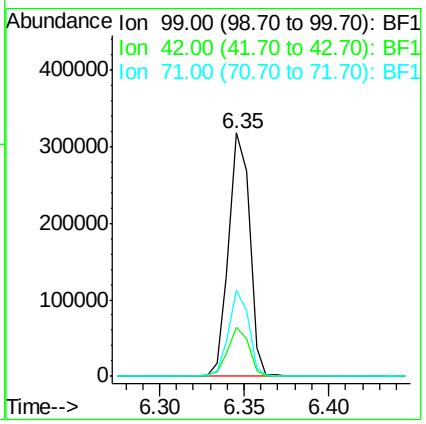


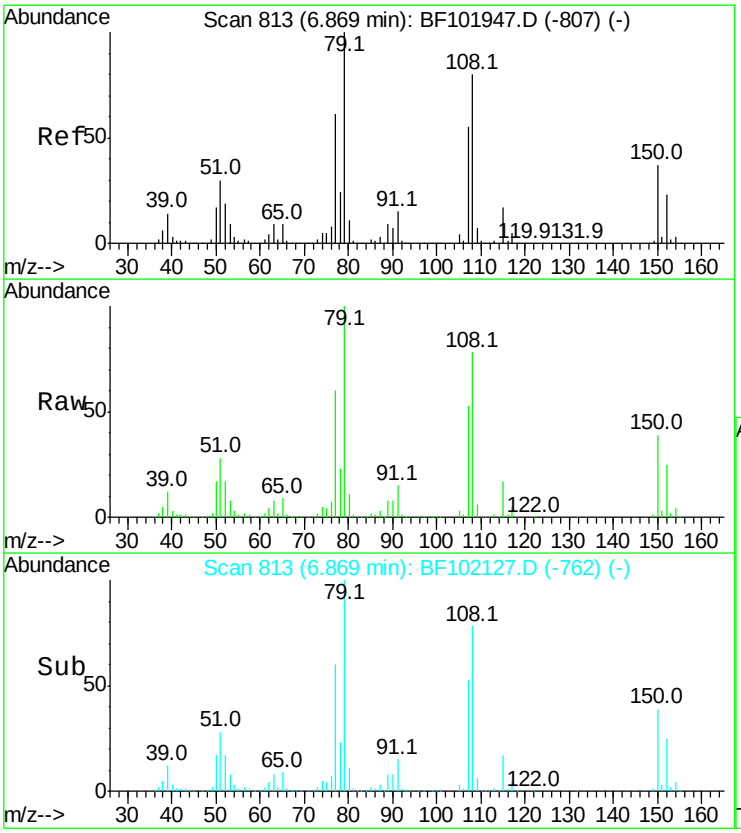
#7
Phenol-d6
Concen: 24.308 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion: 99 Resp: 274092

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	35.4	25.4	38.0

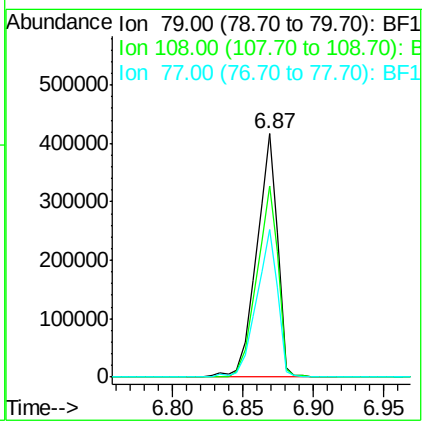


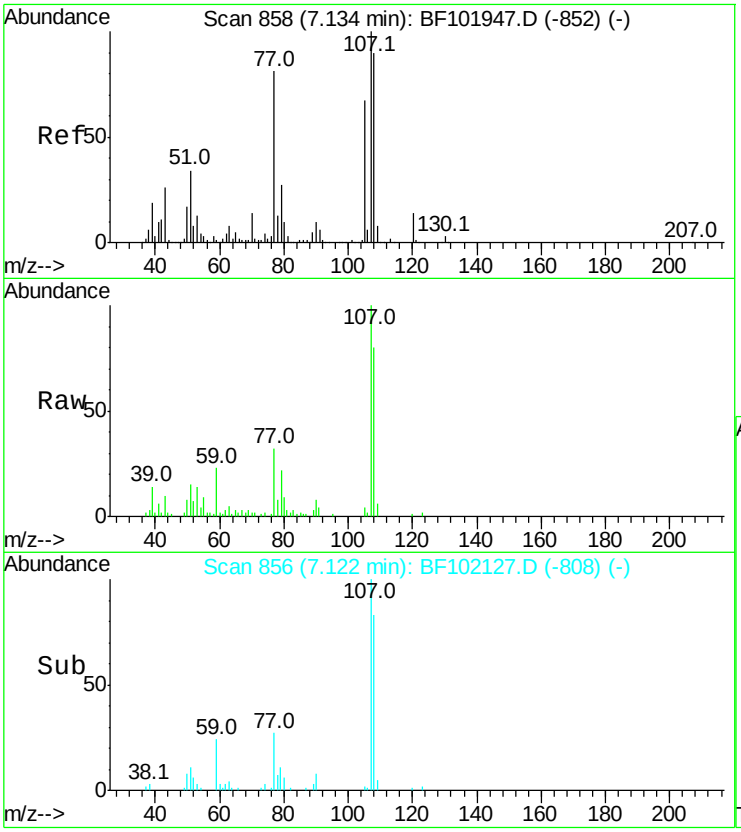


#15
Benzyl Alcohol
Concen: 53.109 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Tgt Ion: 79 Resp: 438037

Ion	Ratio	Lower	Upper
79	100		
108	78.3	65.1	97.7
77	60.4	50.6	75.8



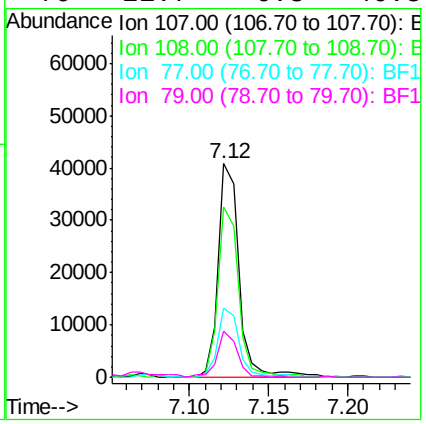


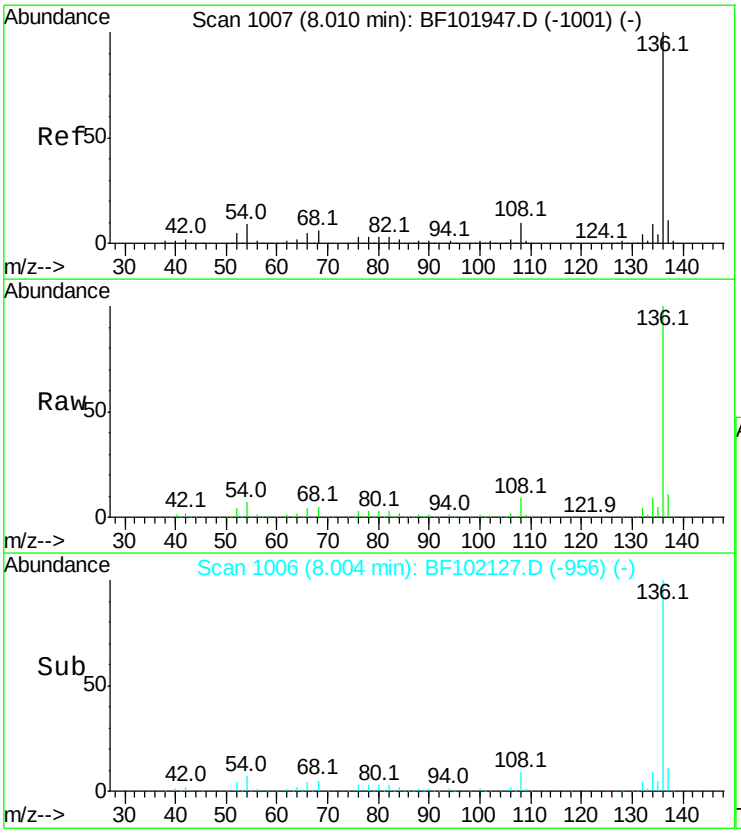
#20
3+4-Methylphenols
Concen: 3.629 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:107 Resp: 37260

Ion	Ratio	Lower	Upper
107	100		
108	79.9	68.2	108.2
77	32.2	26.7	66.7
79	21.7	6.3	46.3

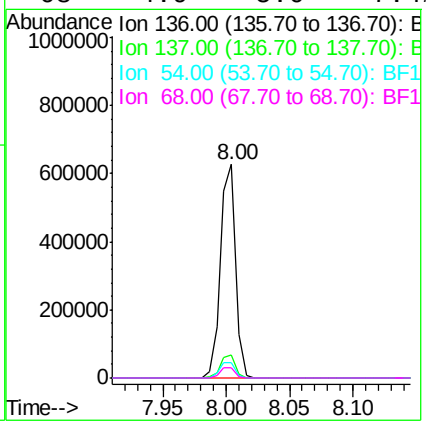


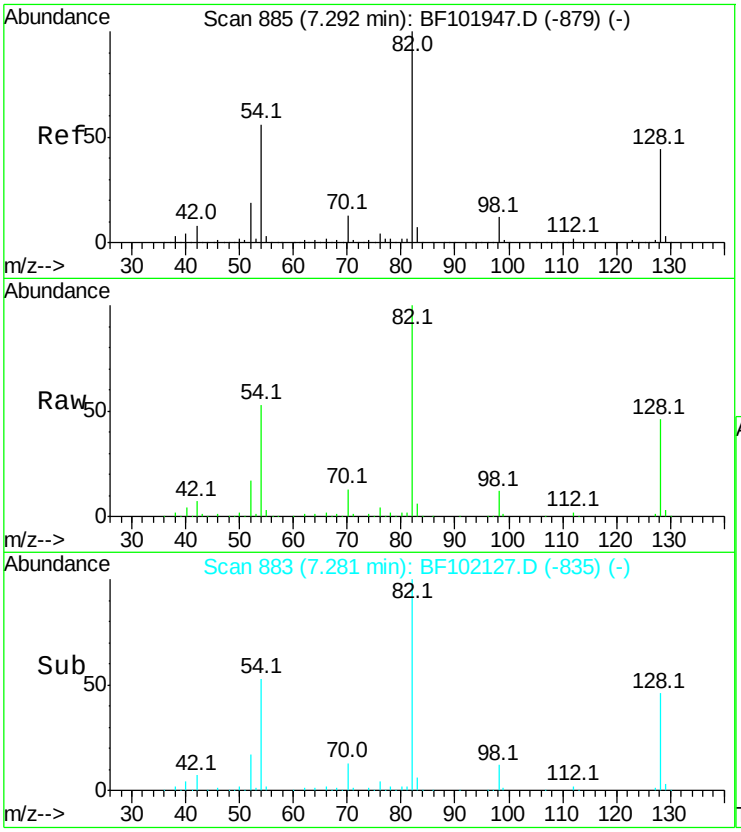


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Tgt Ion:136 Resp: 525966

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.0	6.6	9.8
68	4.9	5.0	7.4#



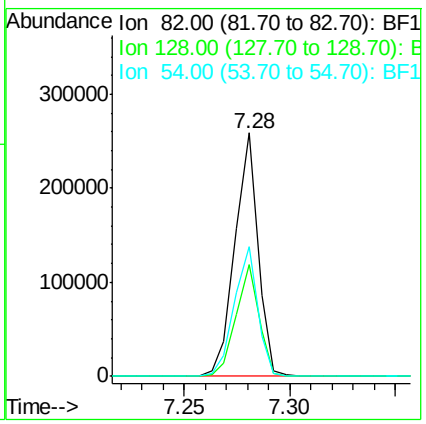


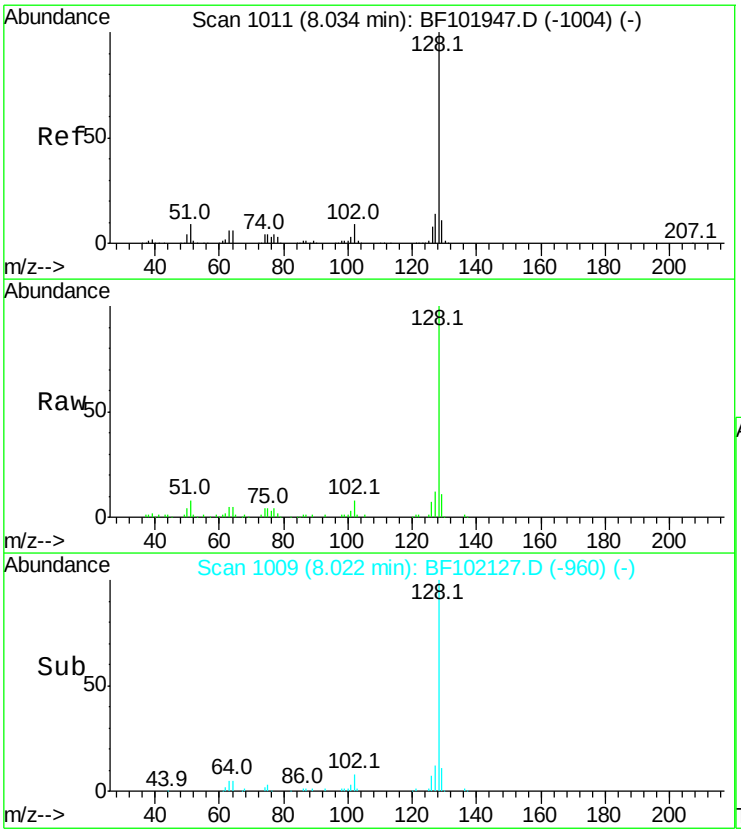
#23
Nitrobenzene-d5
Concen: 21.764 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion: 82 Resp: 194797

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	53.2	41.4	62.2

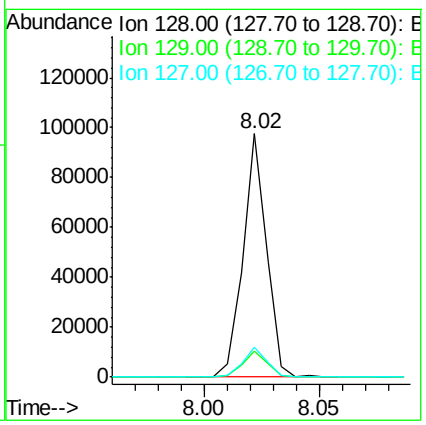


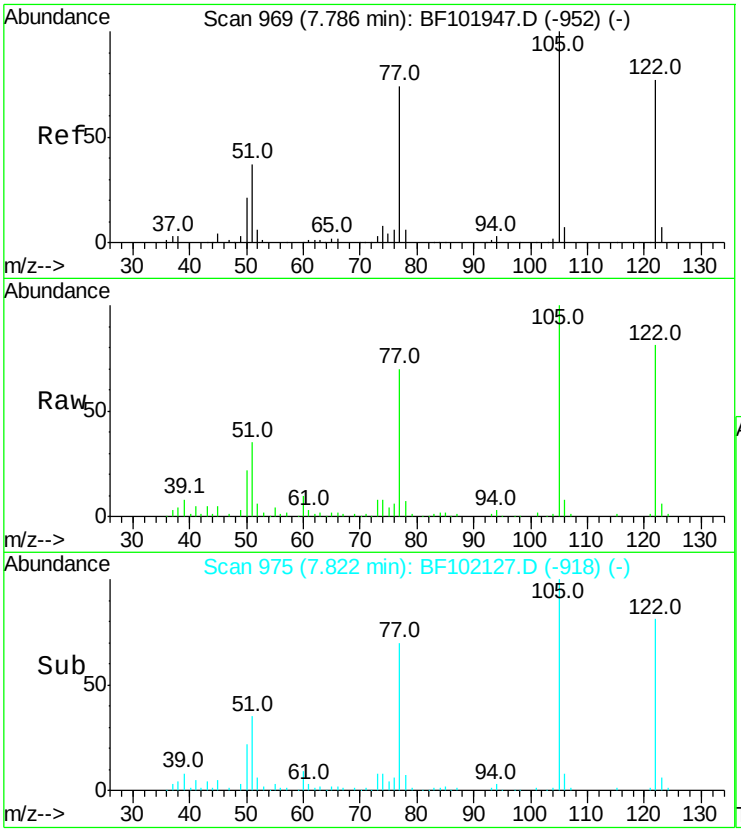


#31
Naphthalene
Concen: 2.637 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Tgt Ion:128 Resp: 69300

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.2	10.9	16.3



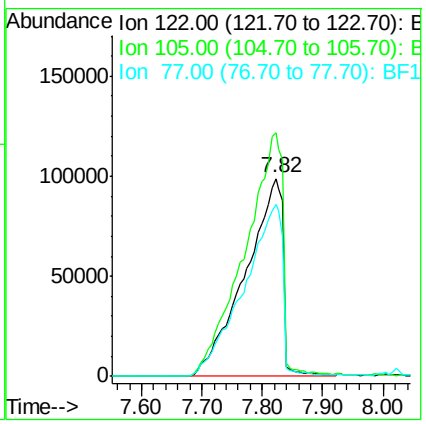


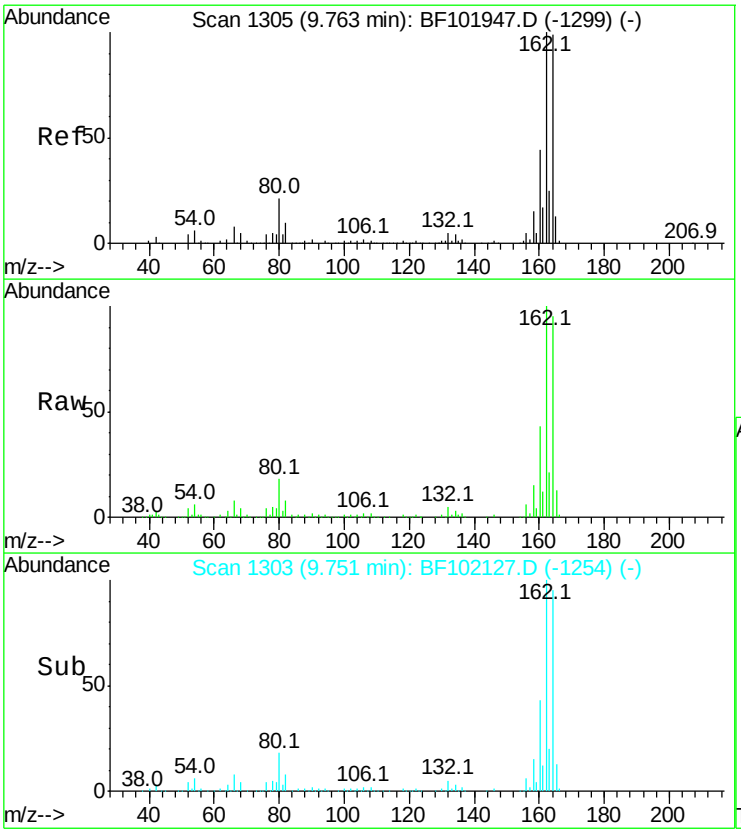
#32
Benzoic acid
Concen: 75.361 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.04 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:122 Resp: 429620

Ion	Ratio	Lower	Upper
122	100		
105	123.1	101.1	141.1
77	86.7	70.7	110.7

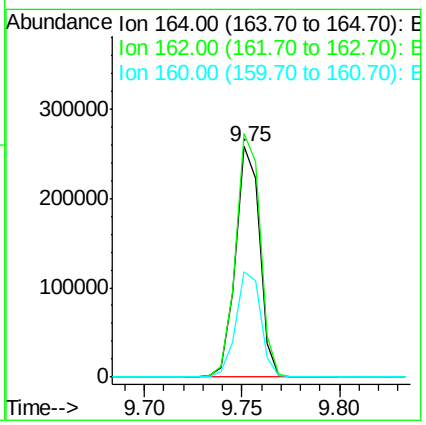


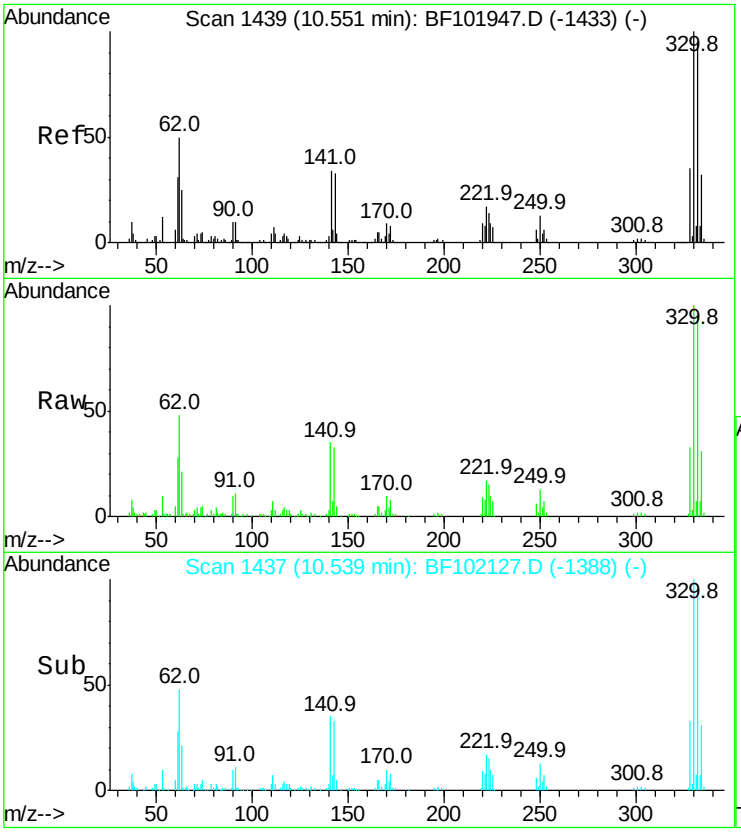


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Tgt Ion:164 Resp: 221437

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	45.7	38.3	57.5



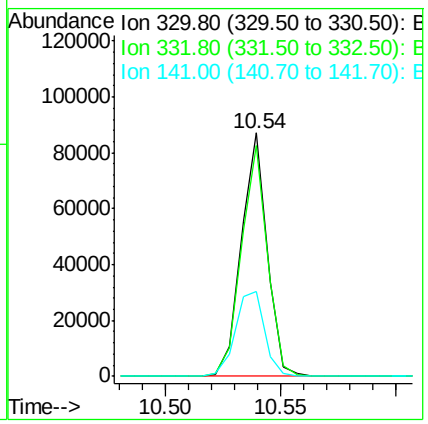


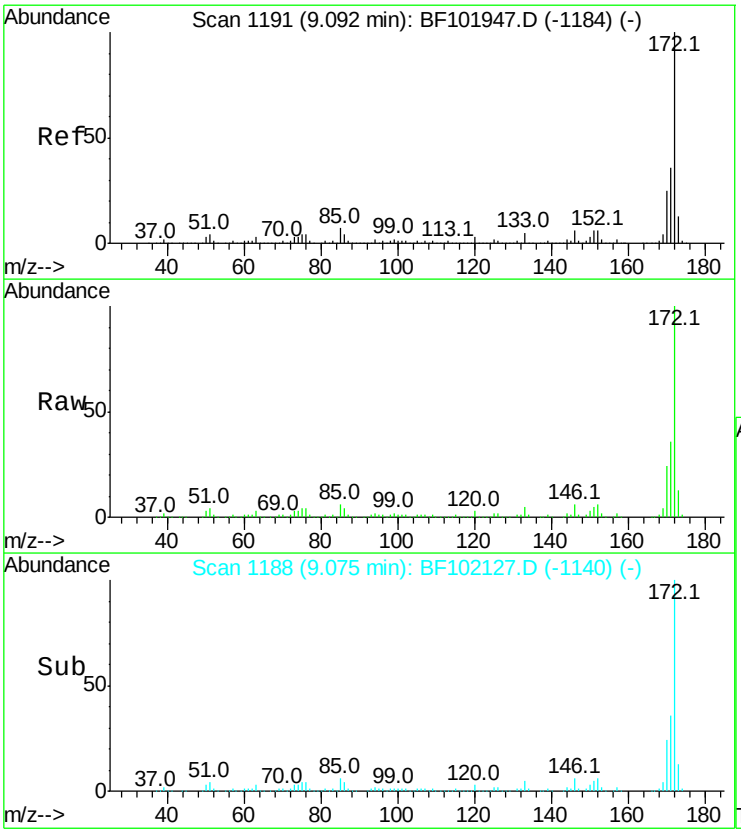
#41
2,4,6-Tribromophenol
Concen: 35.167 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:330 Resp: 67958

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	39.6	29.9	44.9

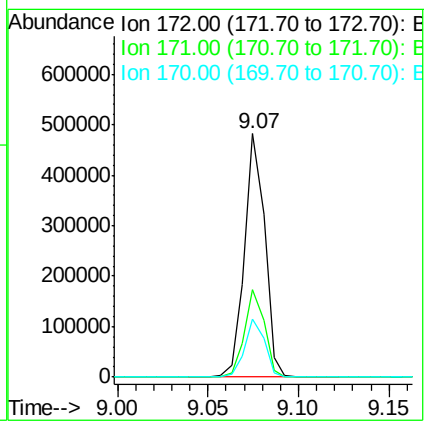


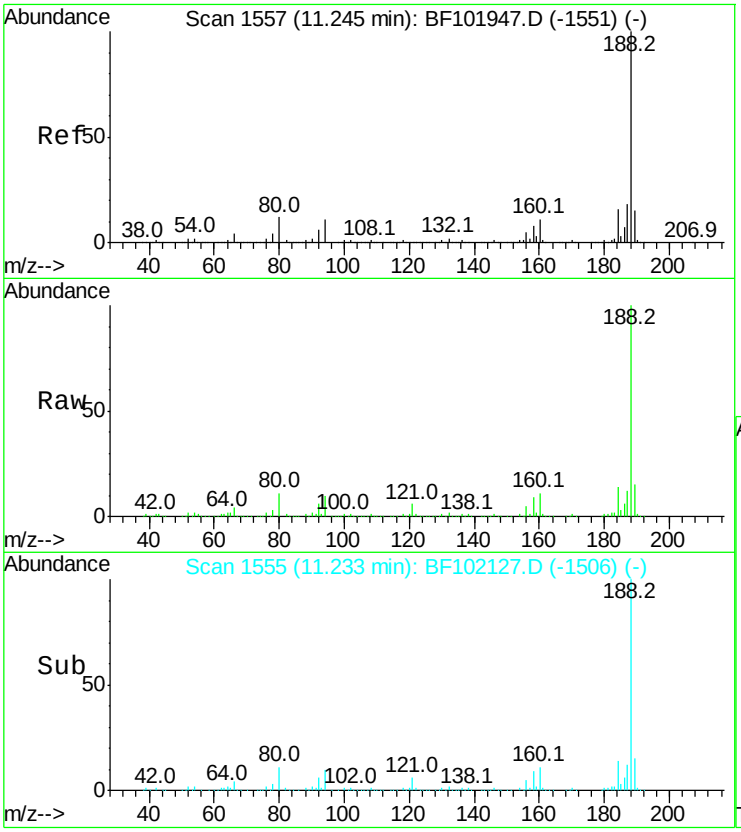


#44
2-Fluorobiphenyl
Concen: 26.420 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Tgt Ion:172 Resp: 374475

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



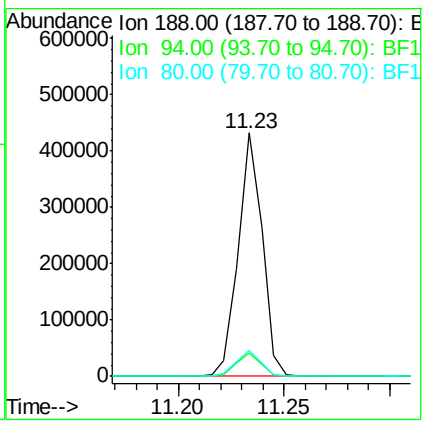


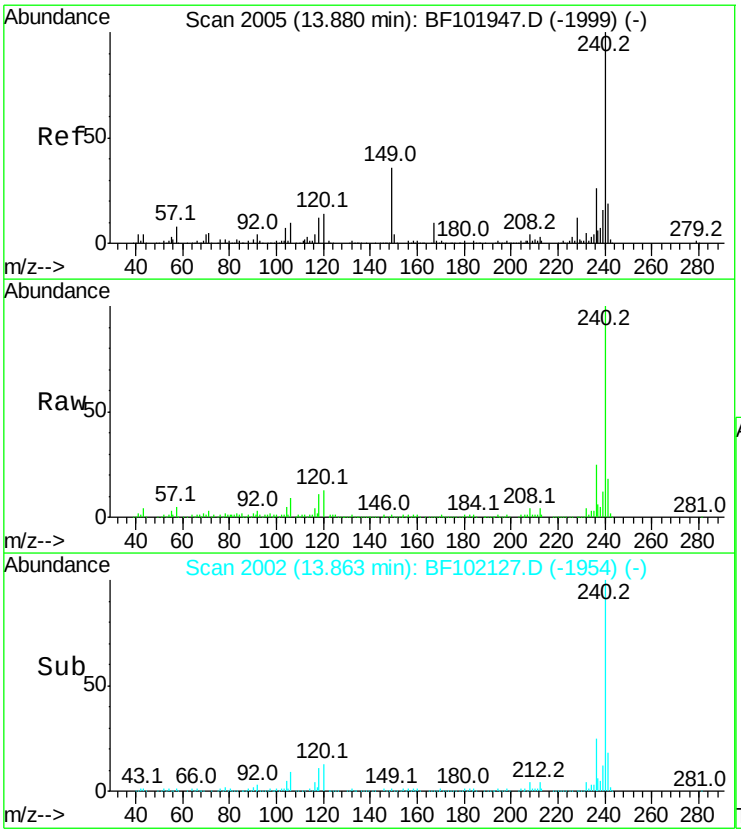
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:188 Resp: 337552

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.8	9.2	13.8

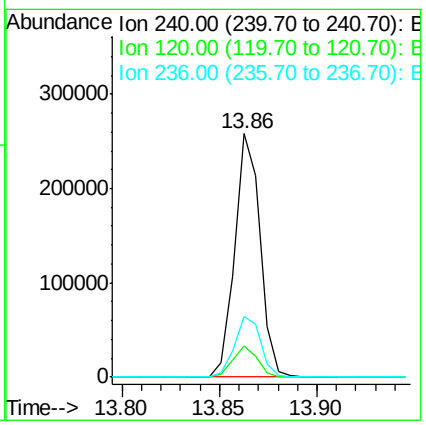


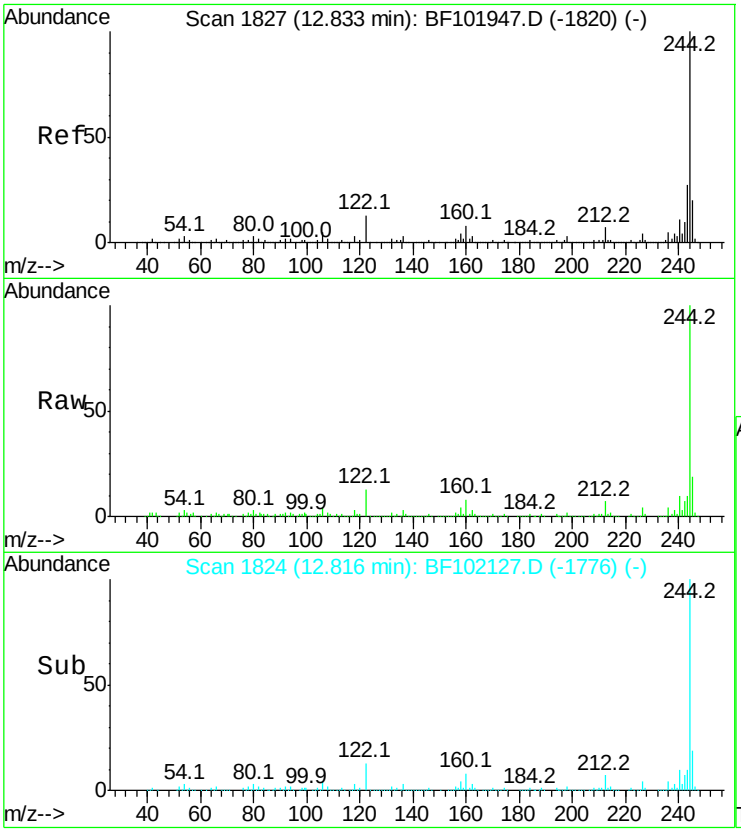


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Tgt Ion:240 Resp: 231911

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	24.9	20.7	31.1



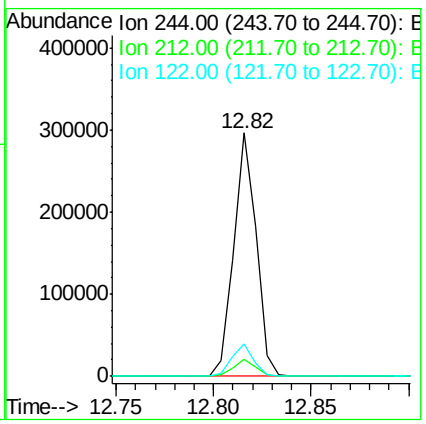


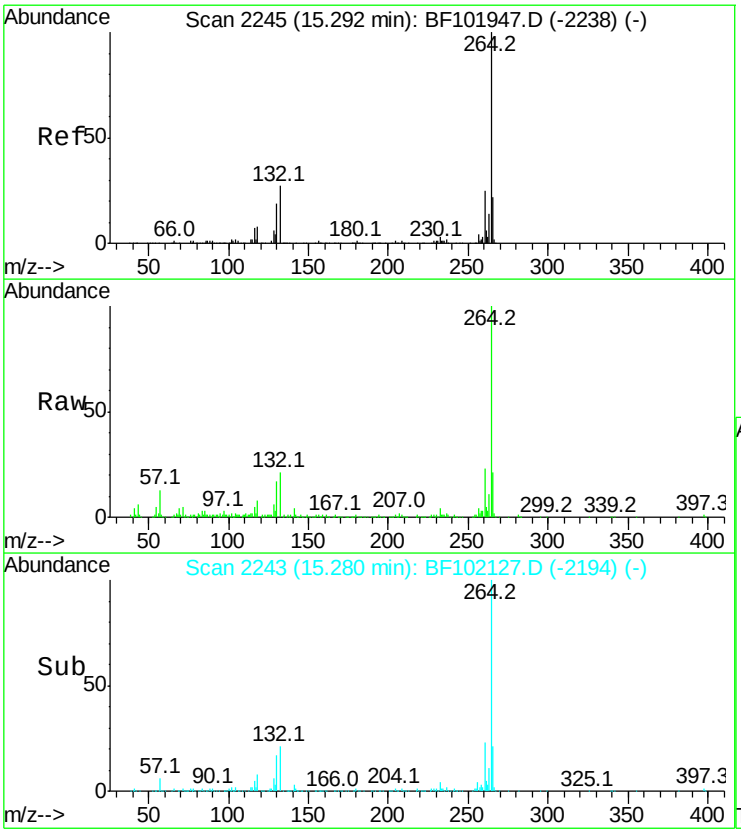
#78
Terphenyl-d14
Concen: 21.121 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:244 Resp: 235919

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102127.D
Acq: 16 Jan 2018 23:16

Tgt Ion:264 Resp: 240549

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.6	17.5	26.3