Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111882.D
Acq On : 7 Jan 2019 17:53
Operator : JU/SJ
Sample : K1053-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3-DRUM

Quant Time: Jan 08 04:11:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	145419	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	516456	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	241520	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	408321	20.00	ng	0.00
76) Chrysene-d12	14.05	240	332478	20.00	ng	0.00
87) Perylene-d12	15.53	264	405475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	523389	61.58	ng	0.00
7) Phenol-d6	6.53	99	414494	37.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	811821	84.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	345989	110.14	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1486226	89.73	ng	0.00
79) Terphenyl-d14	13.00	244	1325050	75.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	18606	5.006	ng	# 1
15) Benzyl Alcohol	7.03	79	157822	18.207	ng	95
20) 3+4-Methylphenols	7.30	107	37785	4.002	ng	# 64
32) Benzoic acid	7.96	122	172889	38.283	ng	89

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

Quantitation Report (QT/LSC Reviewed)

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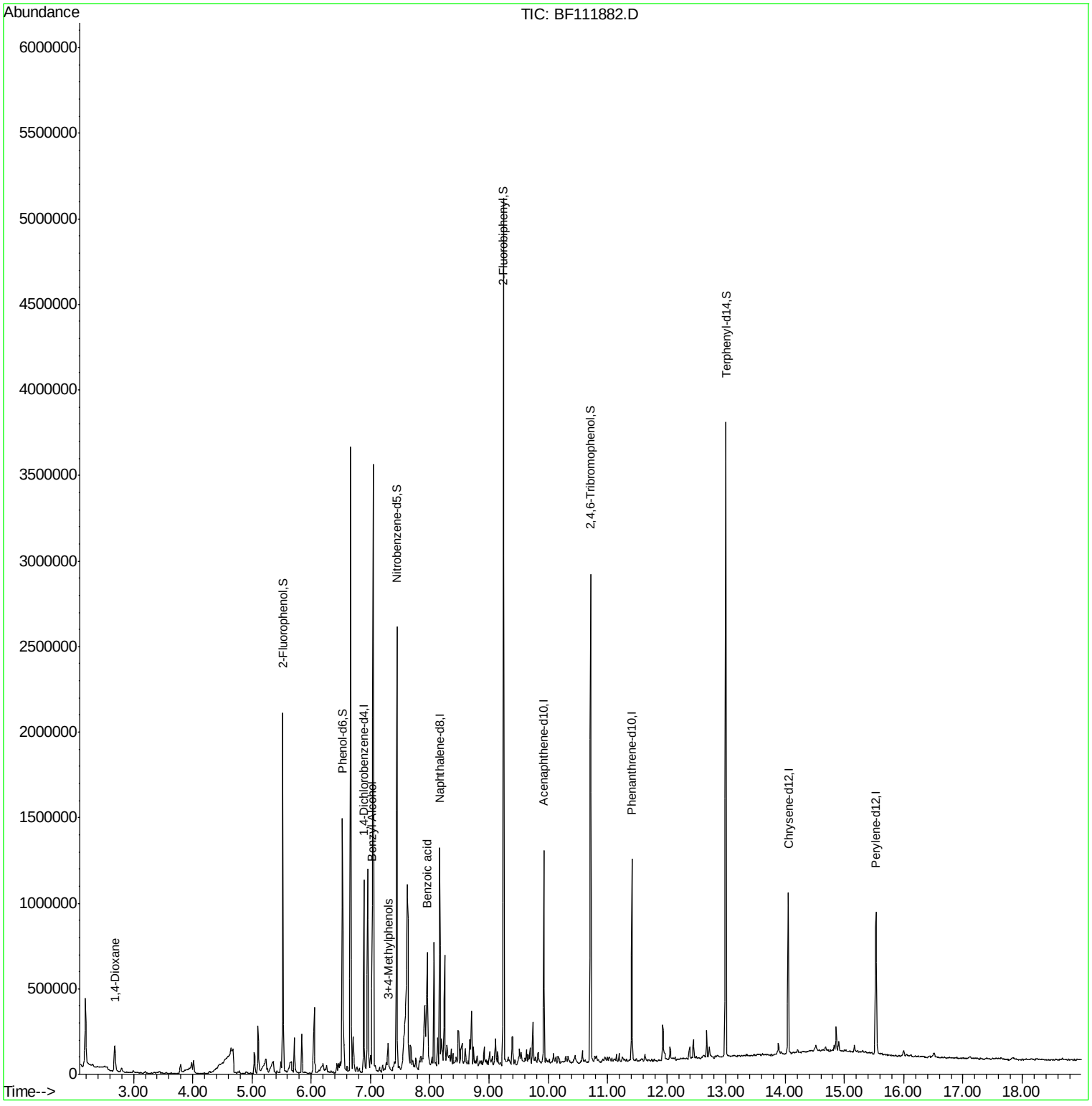
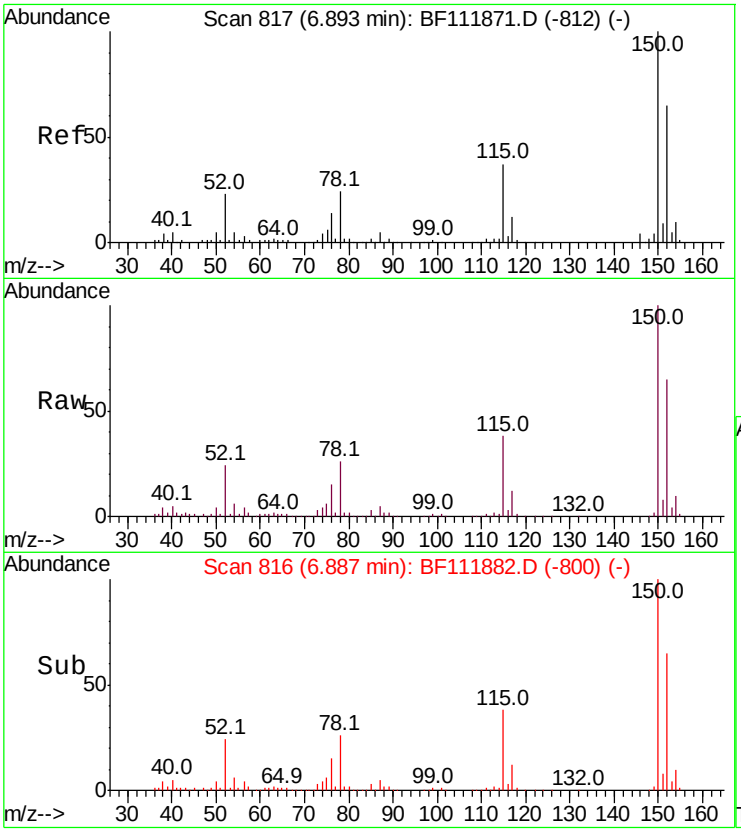


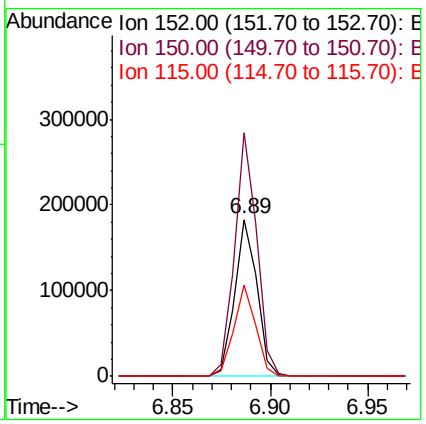


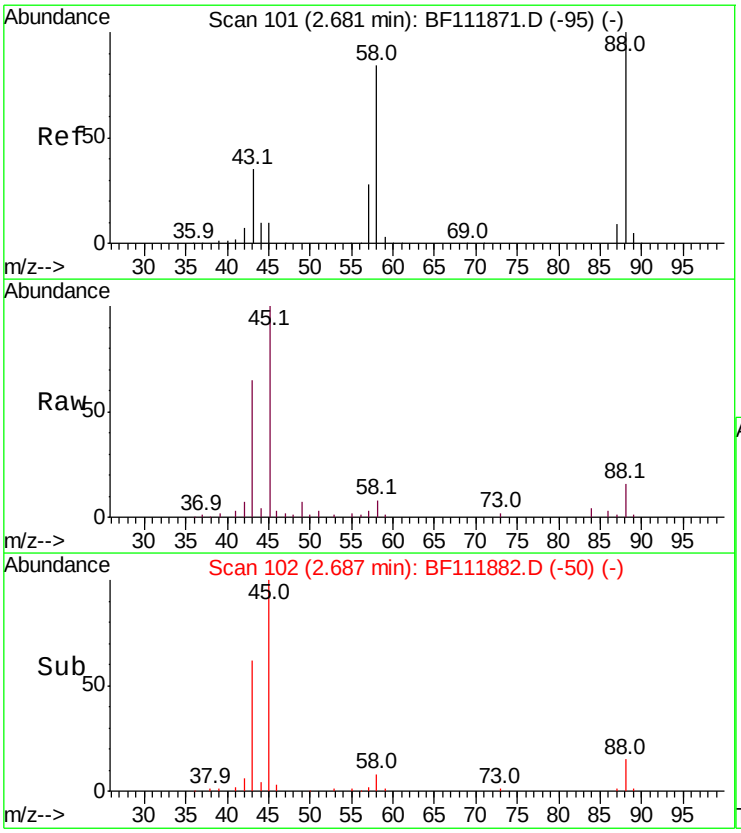
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :
COMP-3-DRUM

Tgt Ion:152 Resp: 145419

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	58.4	45.2	67.8

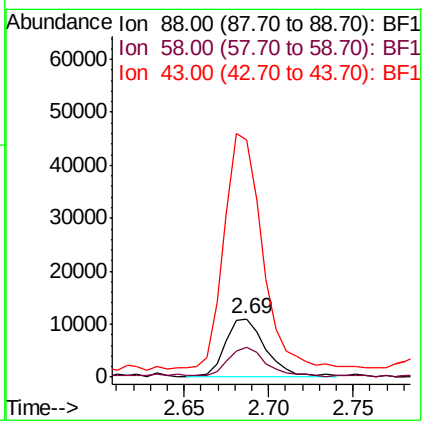


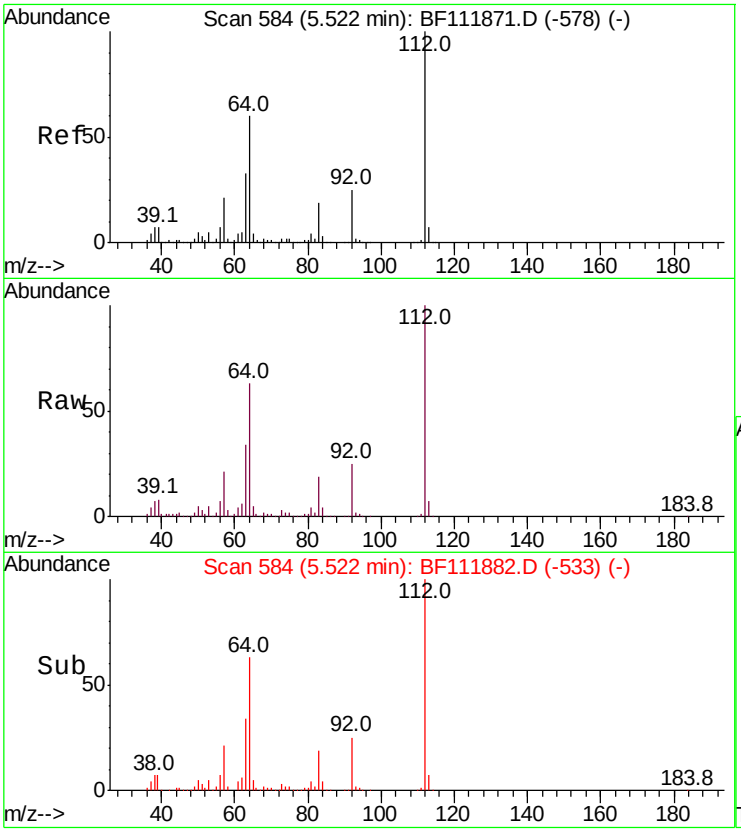


#2
1,4-Dioxane
Concen: 5.006 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Tgt Ion: 88 Resp: 18606

Ion	Ratio	Lower	Upper
88	100		
58	50.2	67.6	101.4#
43	376.8	29.0	43.6#



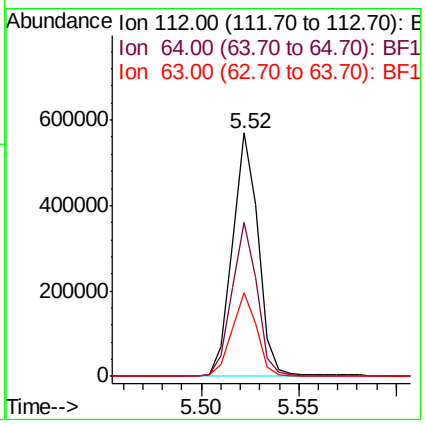


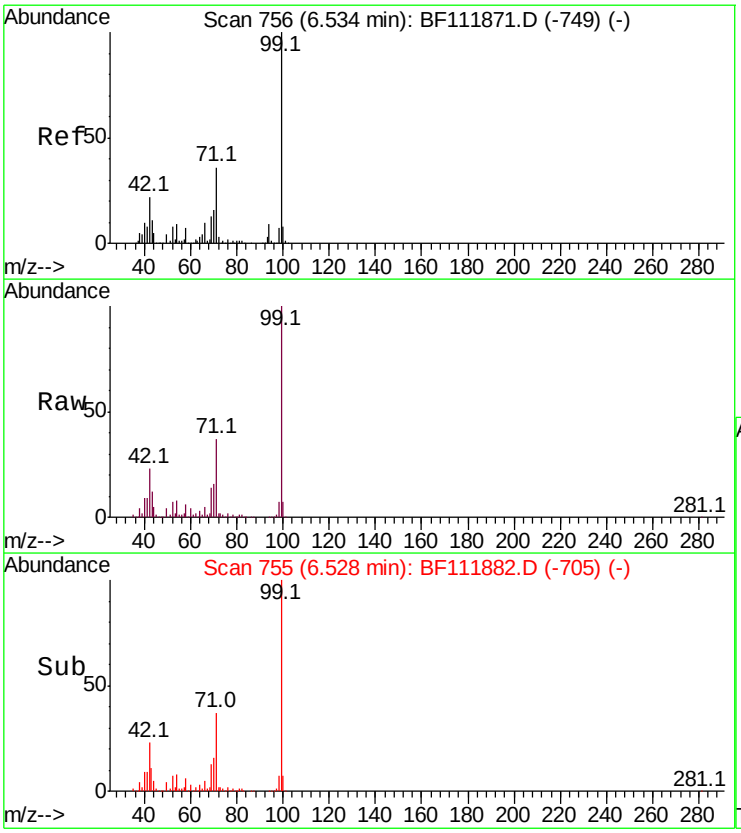
#5
2-Fluorophenol
Concen: 61.575 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :
COMP-3-DRUM

Tgt Ion:112 Resp: 523389

Ion	Ratio	Lower	Upper
112	100		
64	63.3	48.3	72.5
63	34.3	26.1	39.1

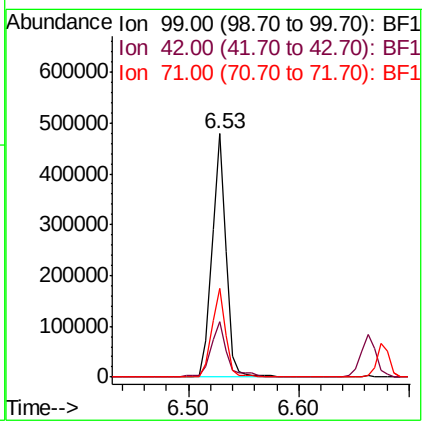


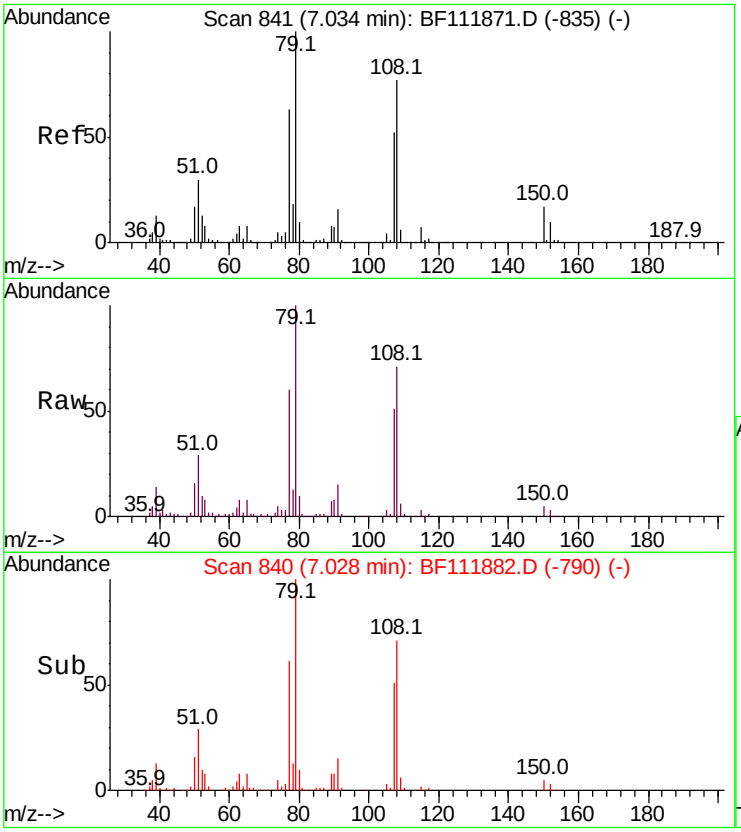


#7
Phenol-d6
Concen: 37.834 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Tgt Ion: 99 Resp: 414494

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.9	26.9
71	36.7	28.7	43.1



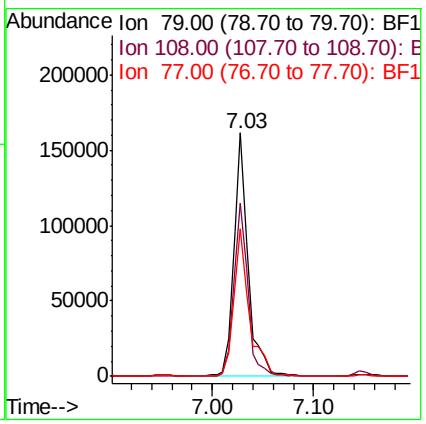


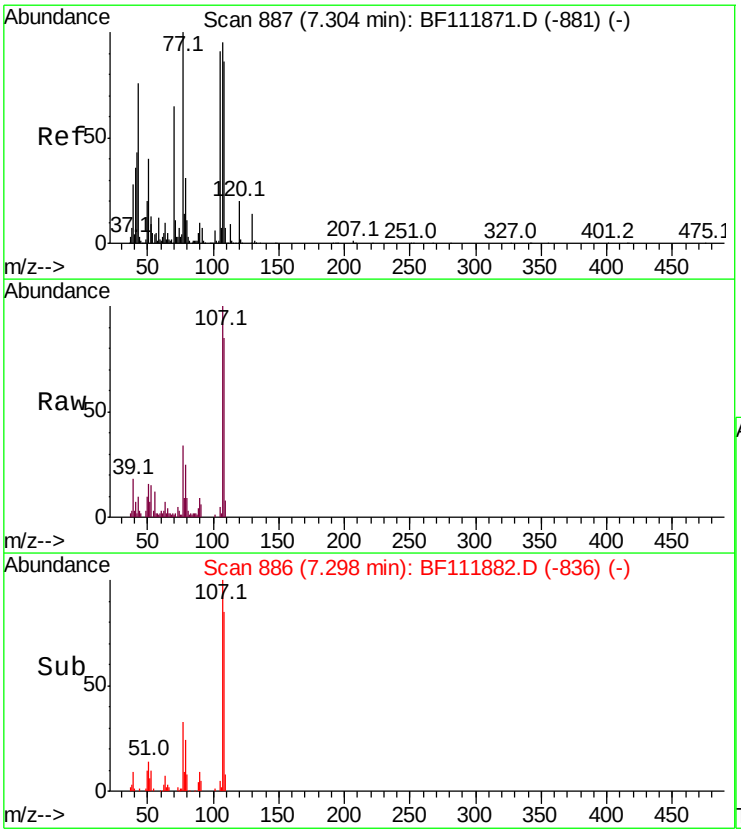
#15
Benzyl Alcohol
Concen: 18.207 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :
COMP-3-DRUM

Tgt Ion: 79 Resp: 157822

Ion	Ratio	Lower	Upper
79	100		
108	71.0	61.4	92.0
77	60.4	50.4	75.6

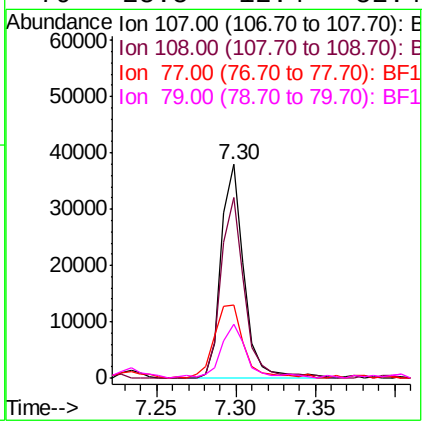


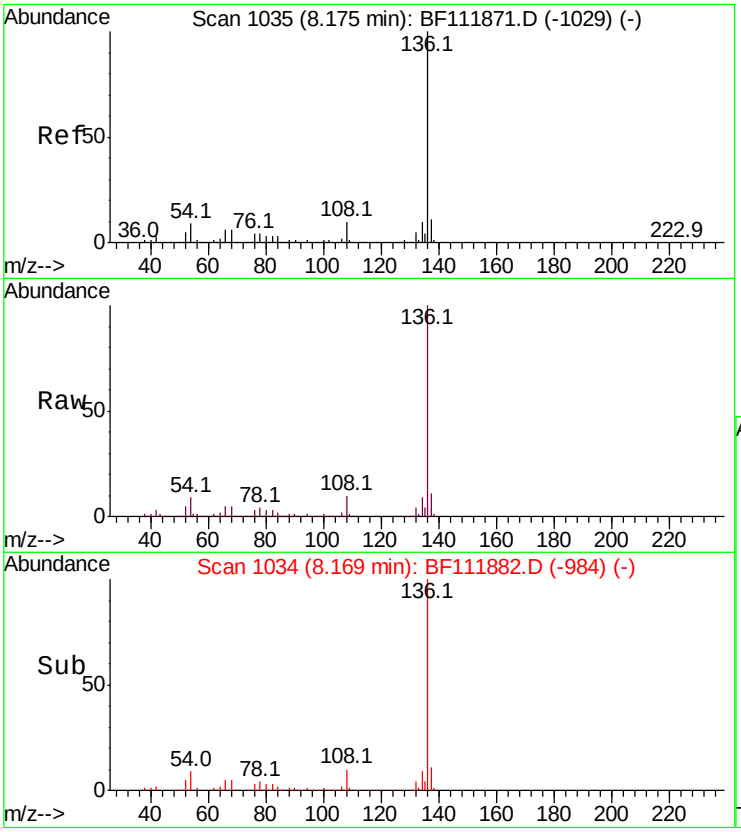


#20
3+4-Methylphenols
Concen: 4.002 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Tgt Ion:107 Resp: 37785

Ion	Ratio	Lower	Upper
107	100		
108	84.8	71.1	111.1
77	34.1	85.4	125.4#
79	25.5	12.4	52.4



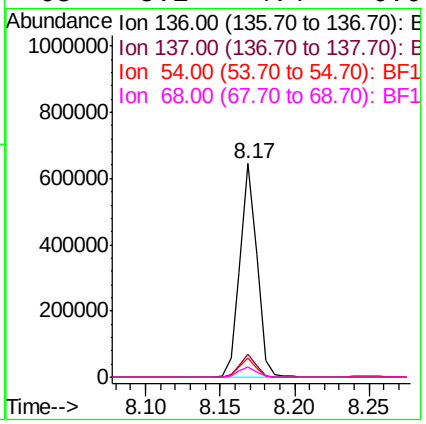


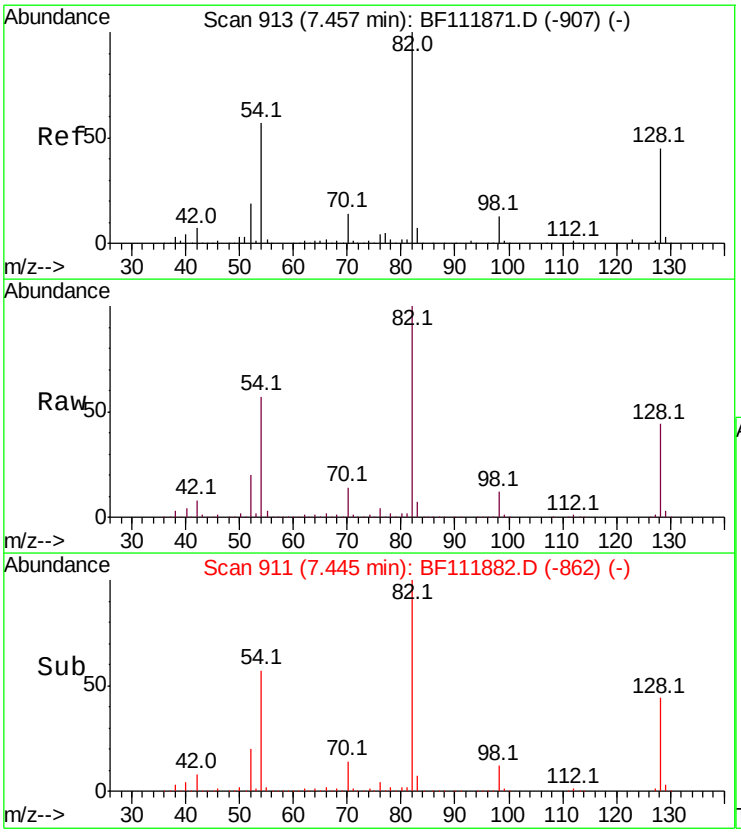
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :
COMP-3-DRUM

Tgt Ion:136 Resp: 516456

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.7	7.2	10.8
68	5.1	4.4	6.6

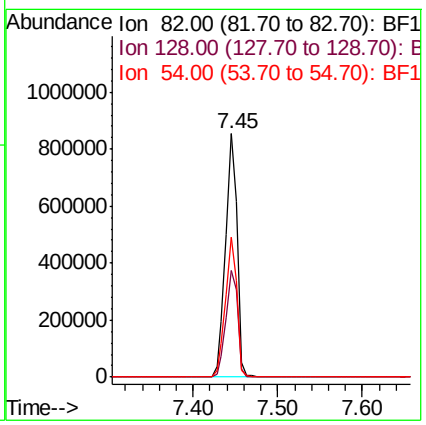


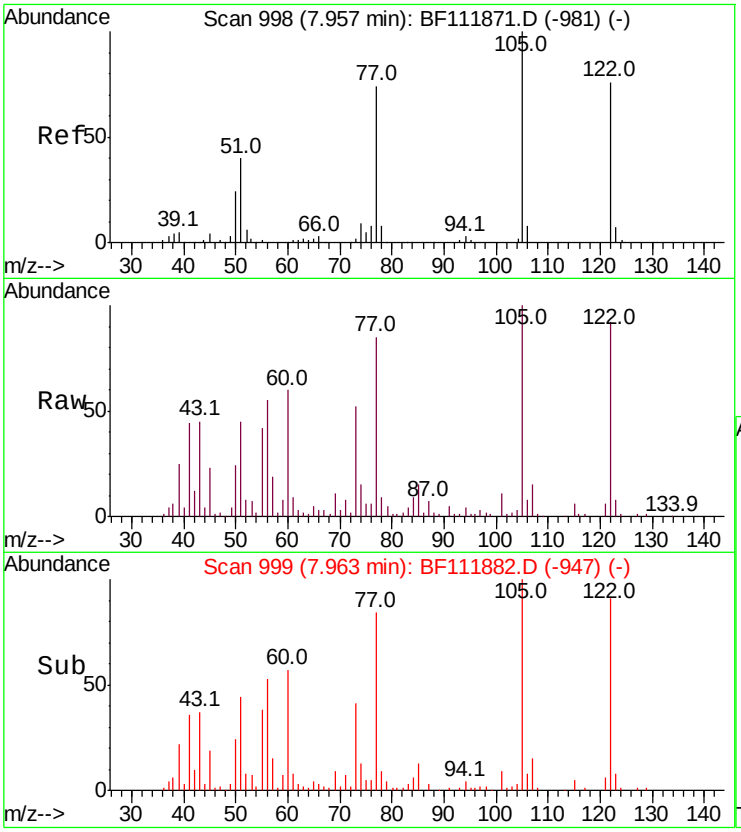


#23
Nitrobenzene-d5
Concen: 84.011 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Tgt Ion: 82 Resp: 811821

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.7	53.5
54	57.4	45.8	68.8



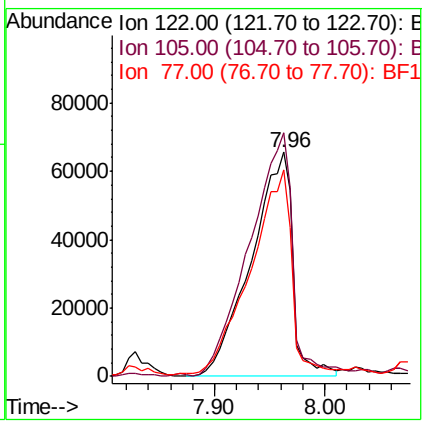


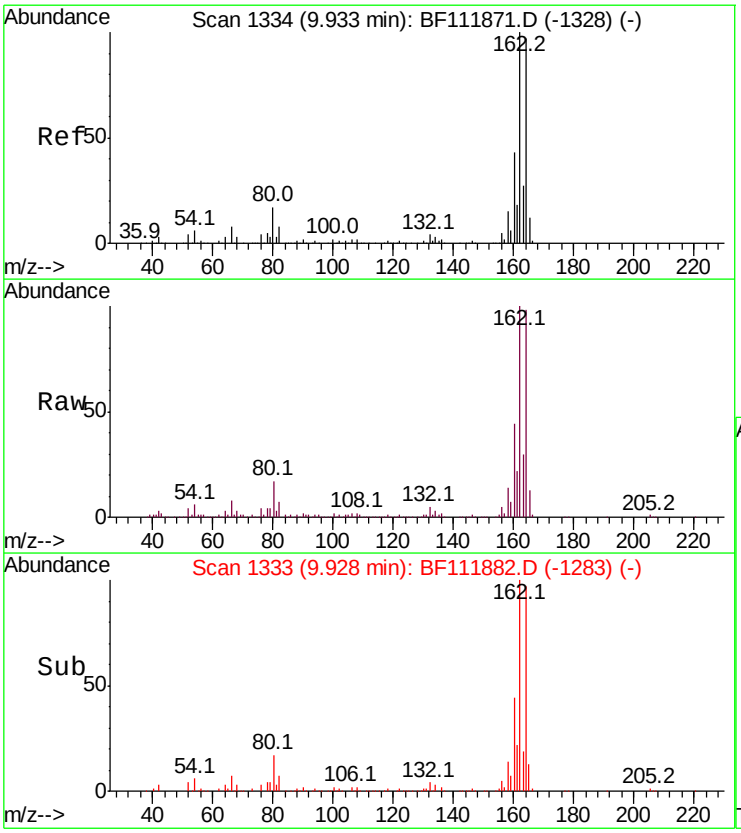
#32
Benzoic acid
Concen: 38.283 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :
COMP-3-DRUM

Tgt Ion:122 Resp: 172889

Ion	Ratio	Lower	Upper
122	100		
105	108.7	107.9	147.9
77	92.1	76.6	116.6

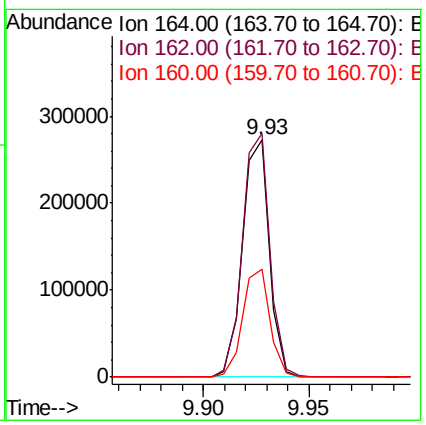


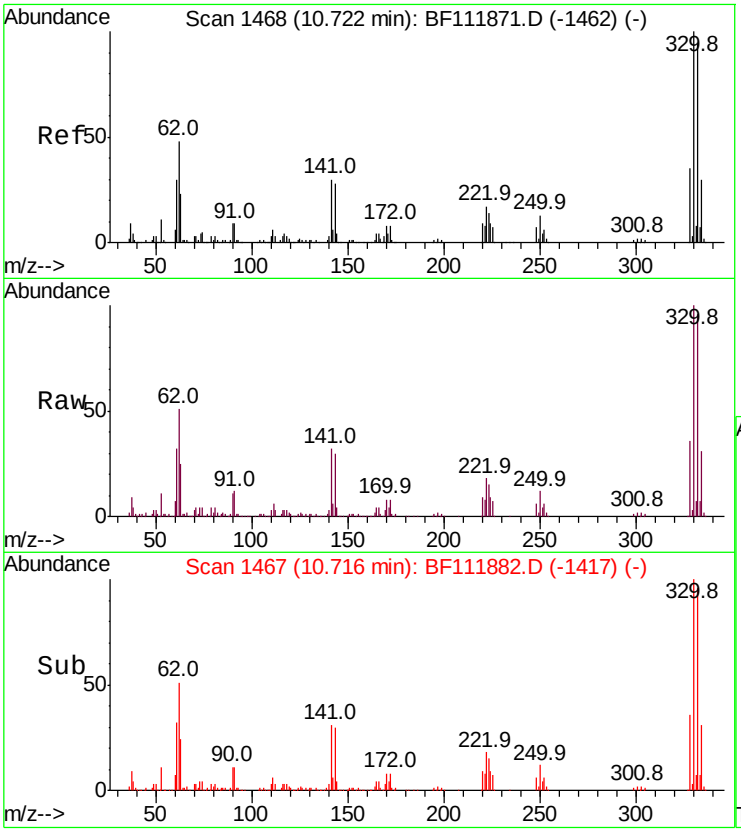


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Tgt Ion:164 Resp: 241520

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.2
160	45.4	35.5	53.3



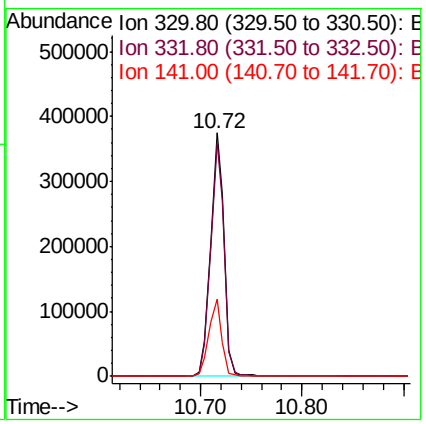


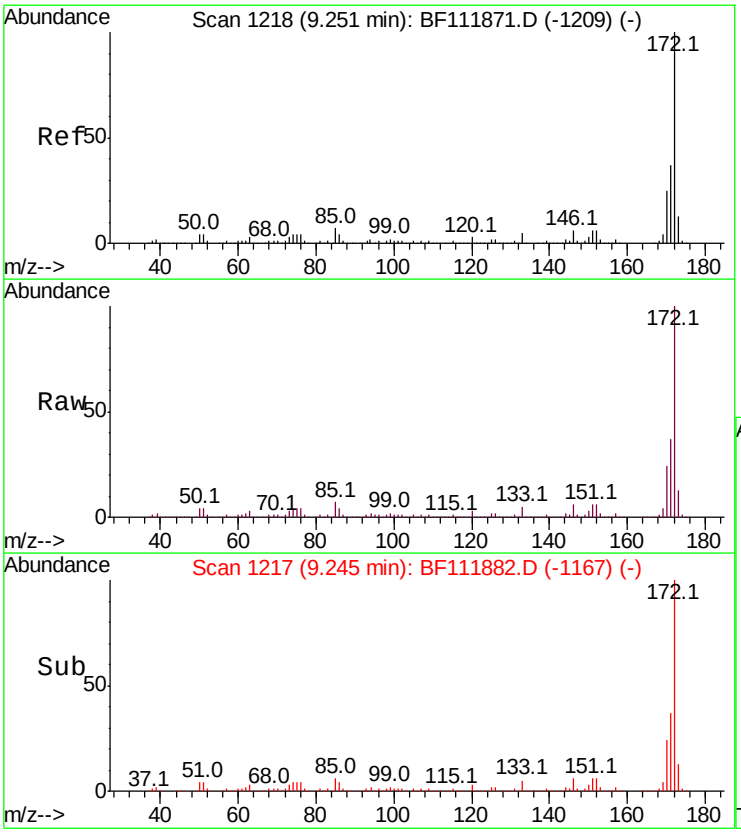
#42
2,4,6-Tribromophenol
Concen: 110.137 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :
COMP-3-DRUM

Tgt Ion:330 Resp: 345989

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	29.9	23.7	35.5

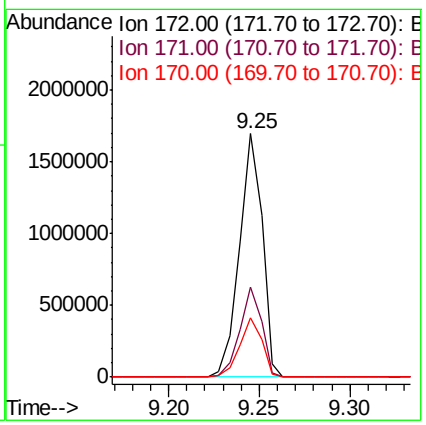


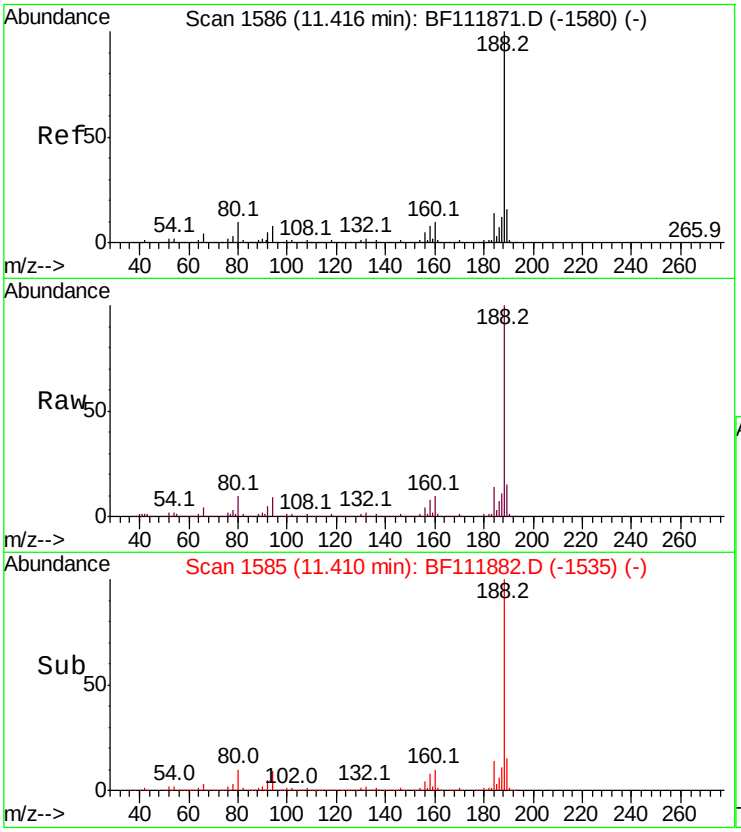


#45
2-Fluorobiphenyl
Concen: 89.732 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Tgt Ion:172 Resp: 1486226

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.3	19.8	29.8



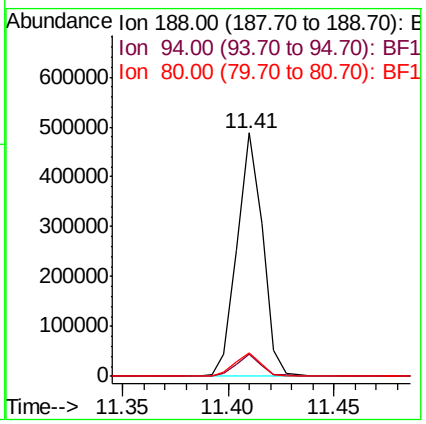


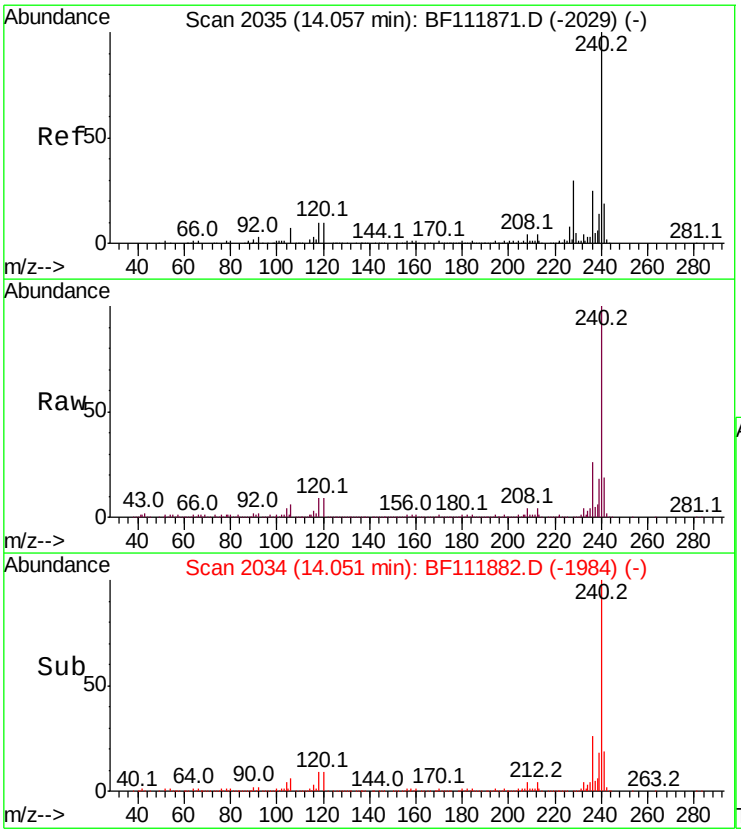
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :
COMP-3-DRUM

Tgt Ion:188 Resp: 408321

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.7	7.7	11.5

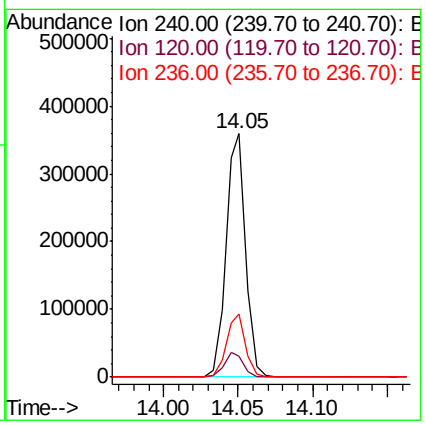


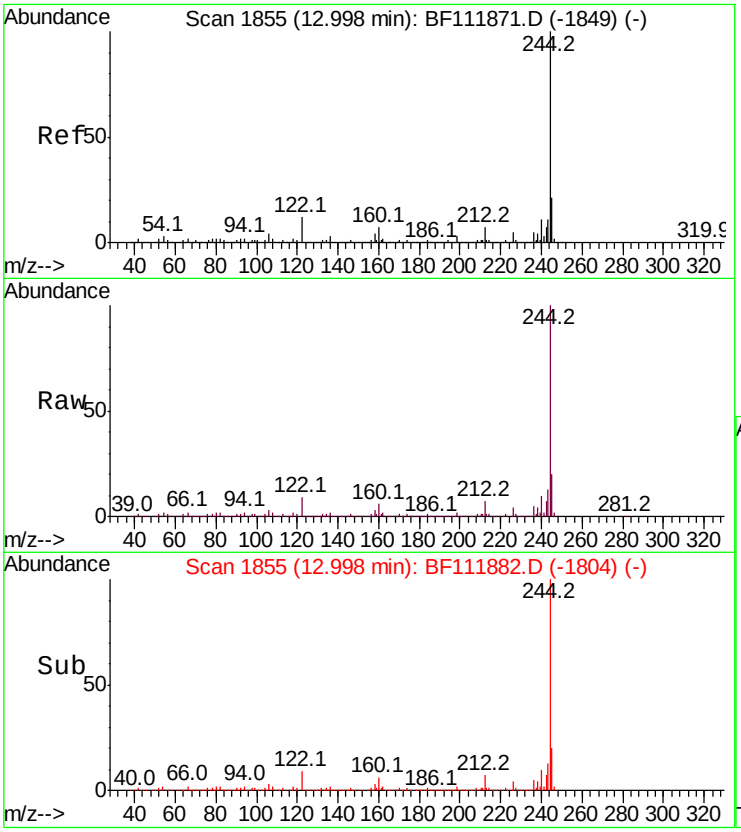


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Tgt Ion:240 Resp: 332478

Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.2	12.2
236	26.1	20.2	30.4



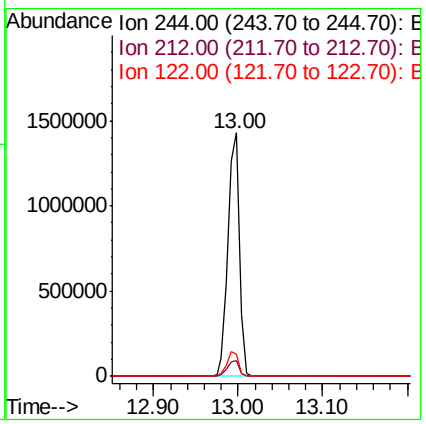


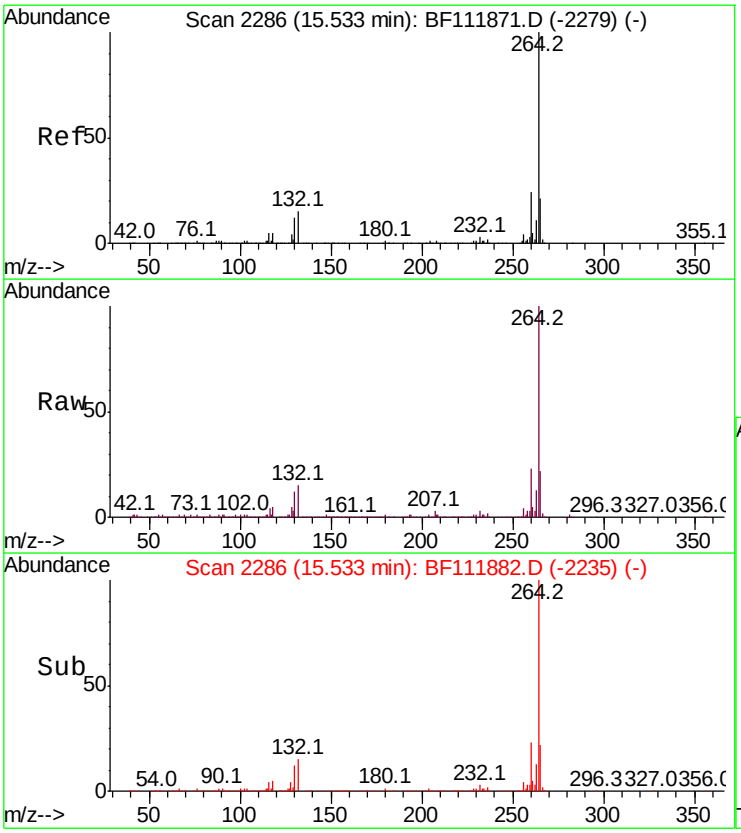
#79
Terphenyl-d14
Concen: 75.651 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :
COMP-3-DRUM

Tgt Ion:244 Resp: 1325050

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	8.9	9.5	14.3#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF111882.D
Acq: 7 Jan 2019 17:53

Tgt Ion:264 Resp: 405475

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.1	17.1	25.7