Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080118\
Data File : BF107887.D
Acq On : 1 Aug 2018 14:26
Operator : JU/SJ
Sample : J4237-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-023-B

Quant Time: Aug 01 14:49:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	126005	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	487185	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	221586	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	426369	20.00	ng		0.00
75) Chrysene-d12	14.15	240	408025	20.00	ng		0.00
86) Perylene-d12	15.69	264	466095	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	730432	98.52	ng		0.00
7) Phenol-d6	6.60	99	944190	96.63	ng		0.00
23) Nitrobenzene-d5	7.53	82	609398	72.06	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	249051	82.72	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1089293	68.50	ng		0.00
78) Terphenyl-d14	13.08	244	1012002	53.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	786	5.992	ng	#	68
19) n-Nitroso-di-n-propylamine	7.53	70	69950	11.285	ng	#	78
25) Isophorone	7.53	82	610756	43.998	ng	#	64
49) Dimethylphthalate	9.71	163	170508	10.246	ng		99
56) 2,4-Dinitrotoluene	10.00	165	27254	5.734	ng	#	23
66) 4-Bromophenyl-phenylether	10.80	248	14499	2.918	ng	#	1
87) Benzo(b)fluoranthene	15.23	252	46069	2.004	ng	#	87

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

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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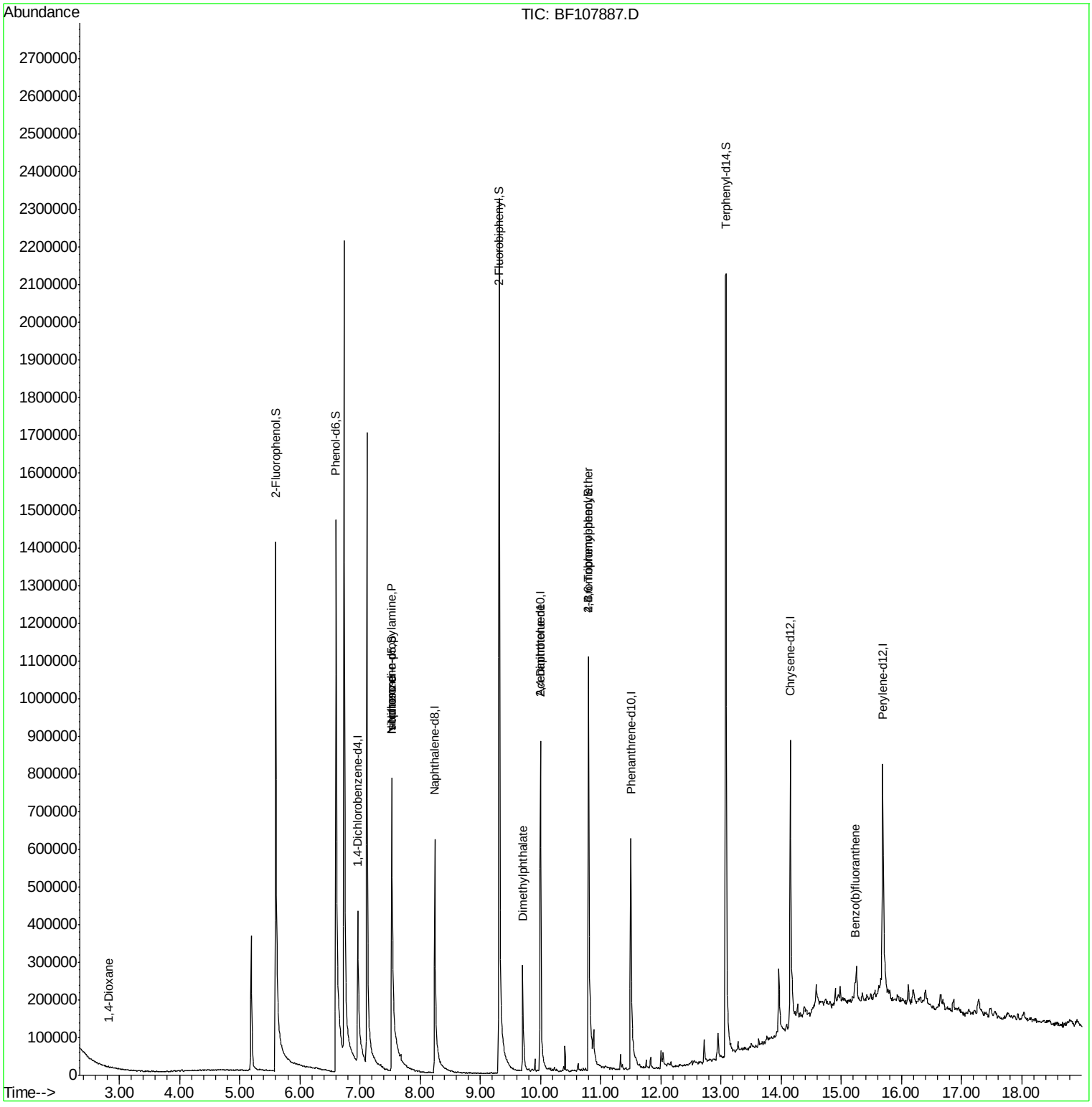
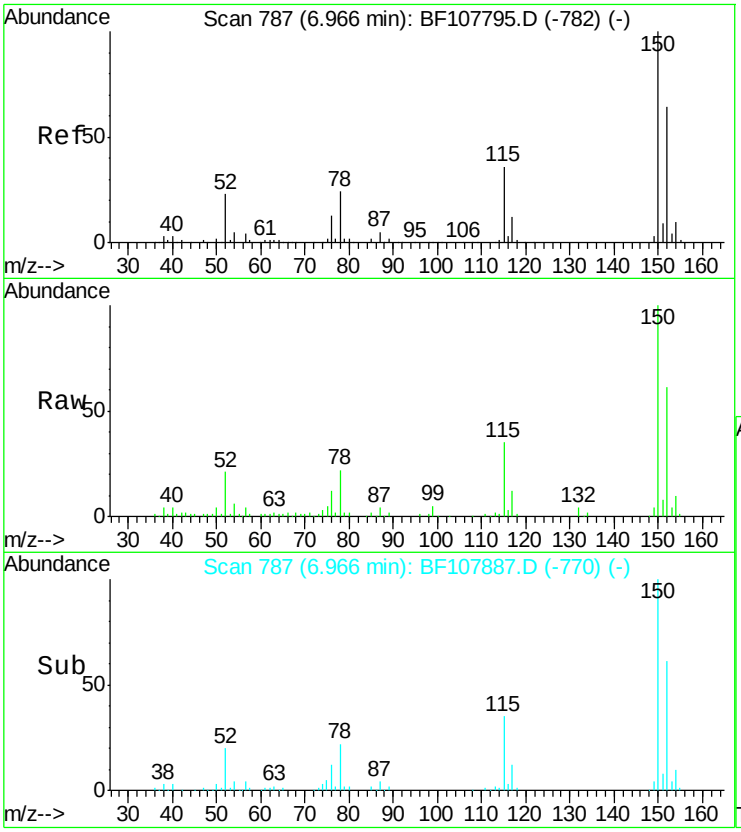


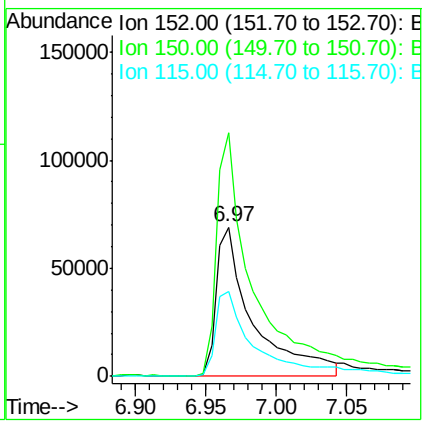


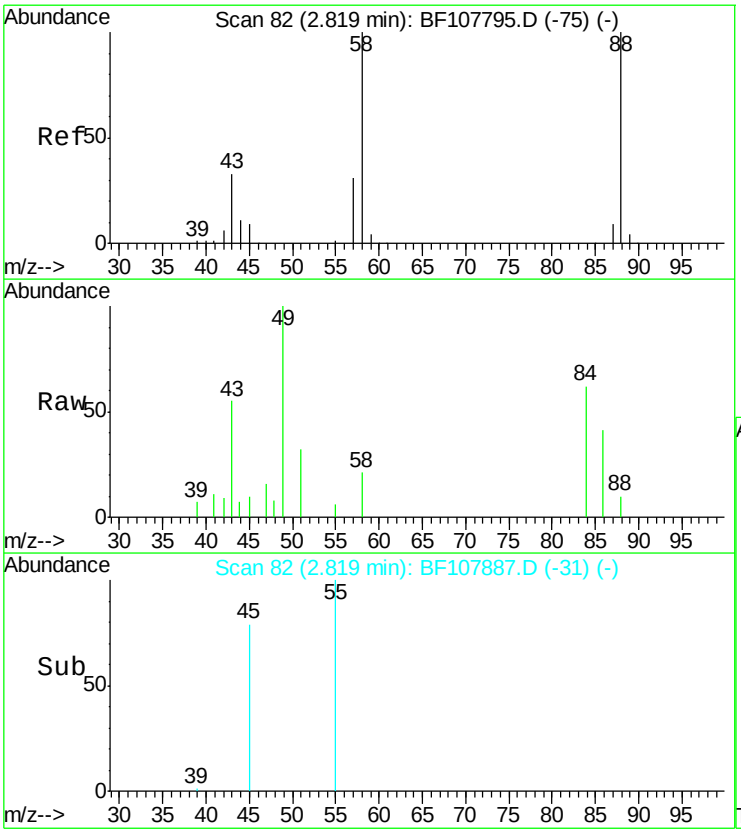
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-B

Tgt Ion:152 Resp: 126005

Ion	Ratio	Lower	Upper
152	100		
150	163.0	124.6	186.8
115	56.5	50.1	75.1

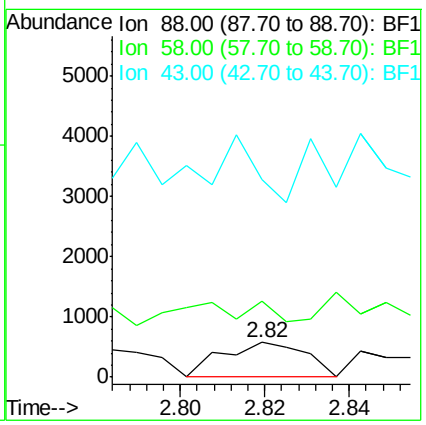


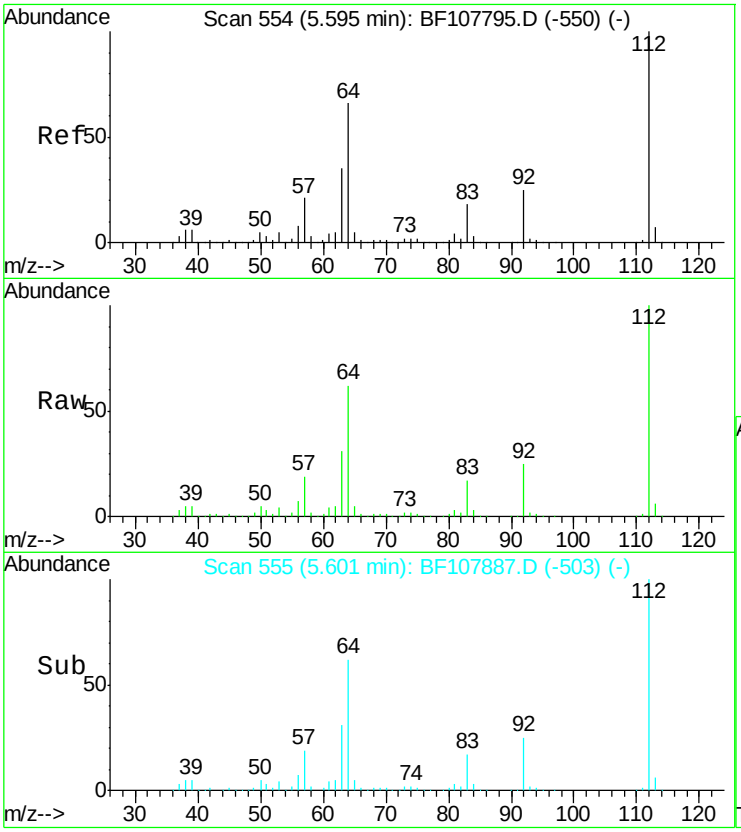


#2
1,4-Dioxane
Concen: 5.992 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Tgt Ion: 88 Resp: 786

Ion	Ratio	Lower	Upper
88	100		
58	63.1	62.6	93.8
43	68.7	24.6	37.0#



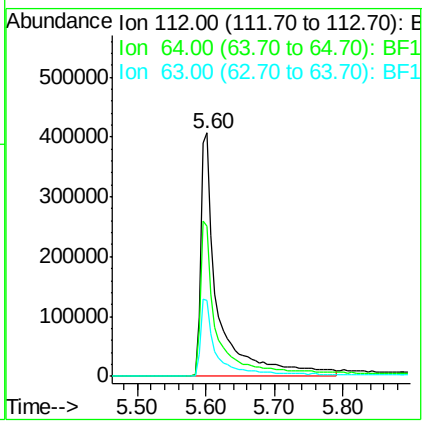


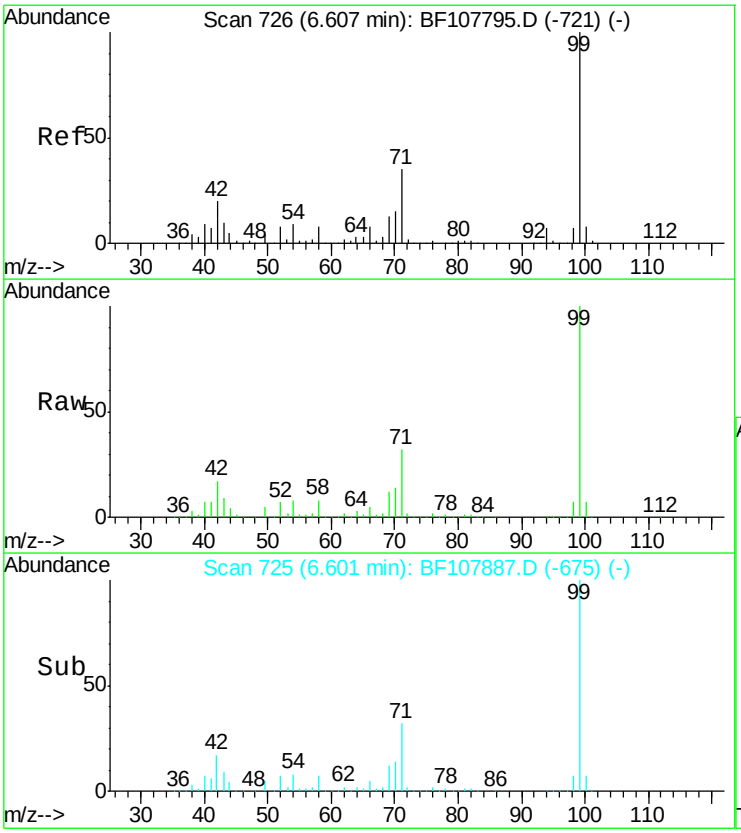
#5
2-Fluorophenol
Concen: 98.520 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-B

Tgt Ion:112 Resp: 730432

Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.9	71.9
63	31.2	23.7	35.5

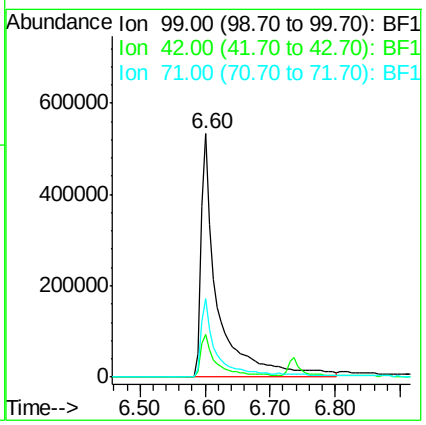


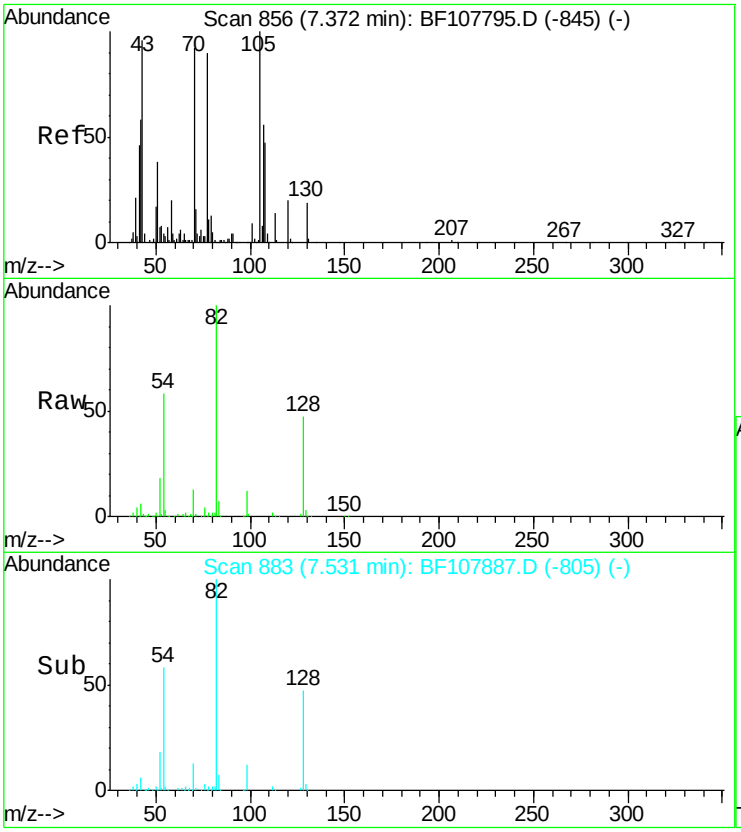


#7
Phenol-d6
Concen: 96.629 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Tgt Ion: 99 Resp: 944190

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.5	21.7
71	32.1	25.4	38.0



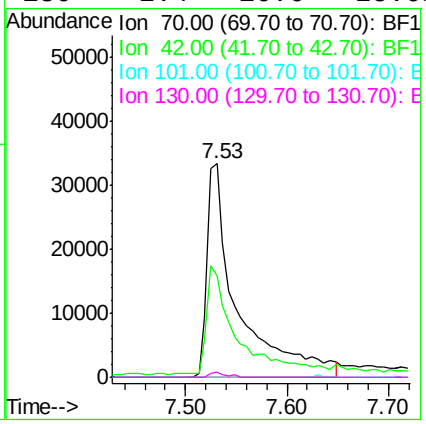


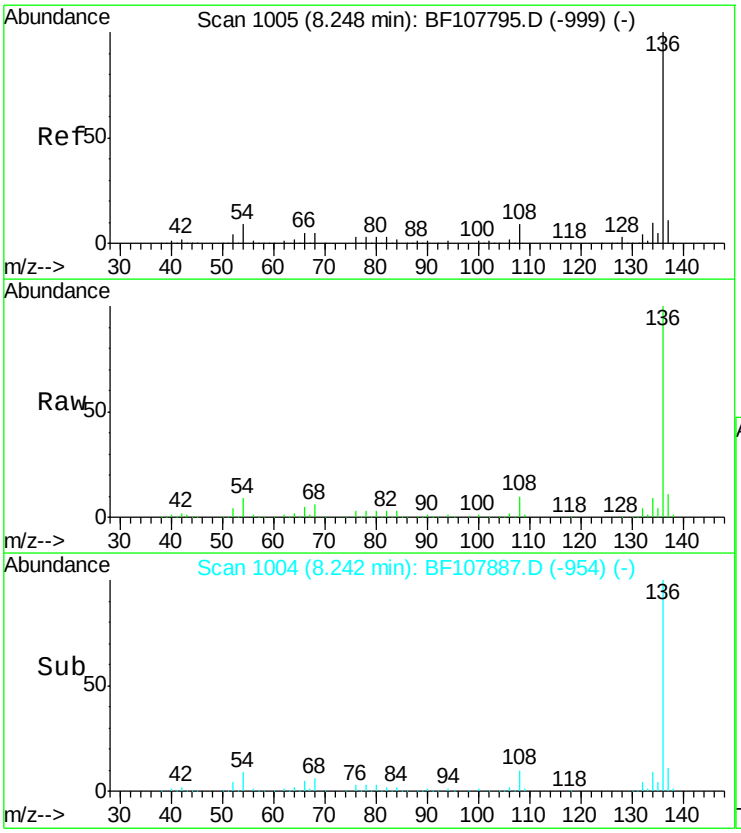
#19
n-Nitroso-di-n-propylamine
Concen: 11.285 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-B

Tgt Ion: 70 Resp: 69950

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

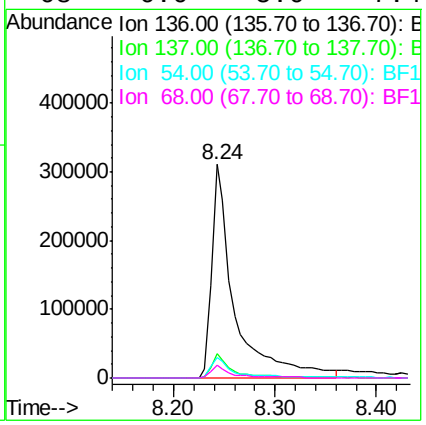


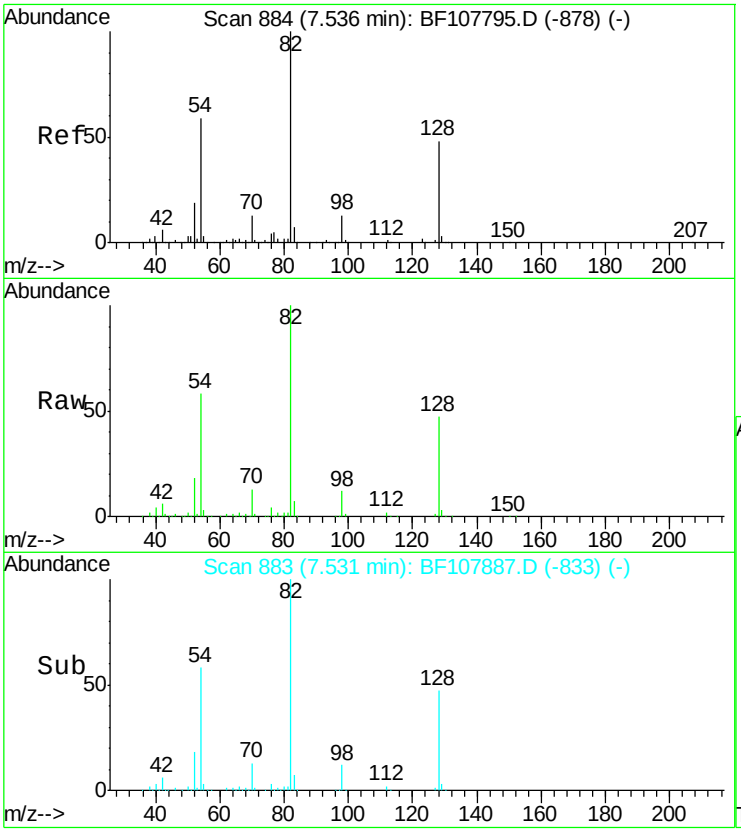


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Tgt Ion:136 Resp: 487185

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.4	6.6	9.8
68	6.0	5.0	7.4



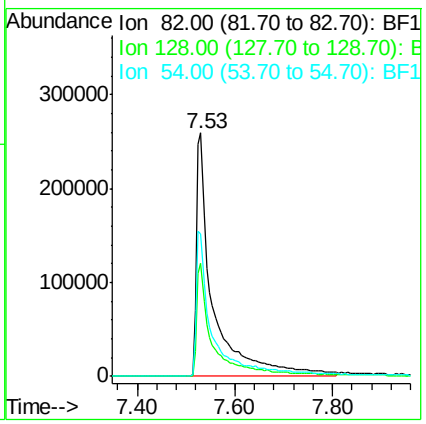


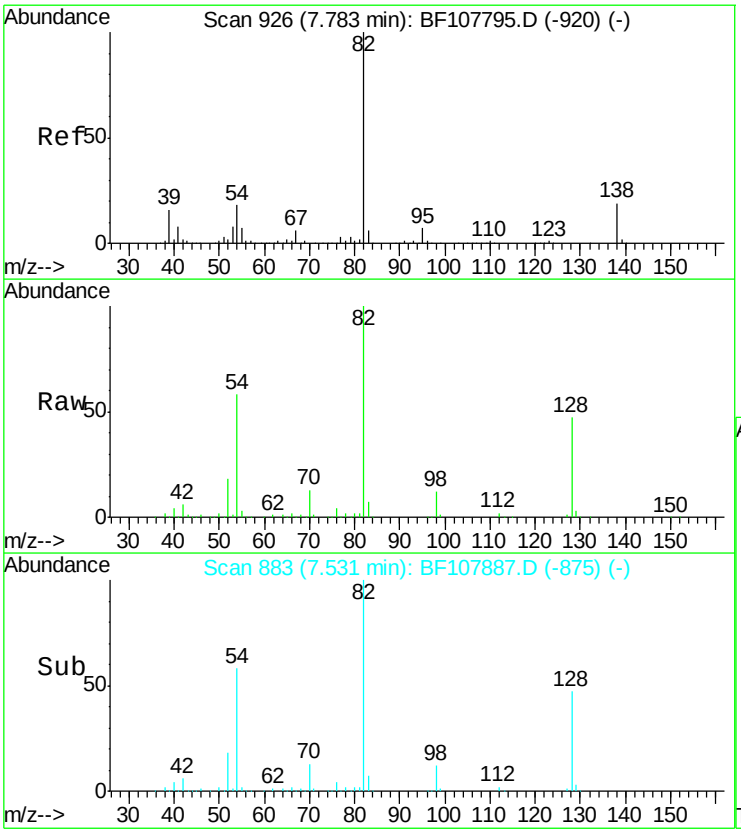
#23
Nitrobenzene-d5
Concen: 72.062 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-B

Tgt Ion: 82 Resp: 609398

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	58.3	41.4	62.2

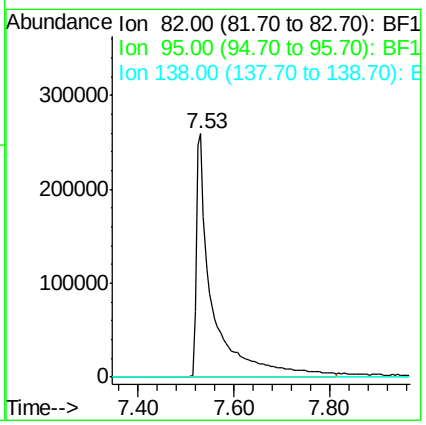


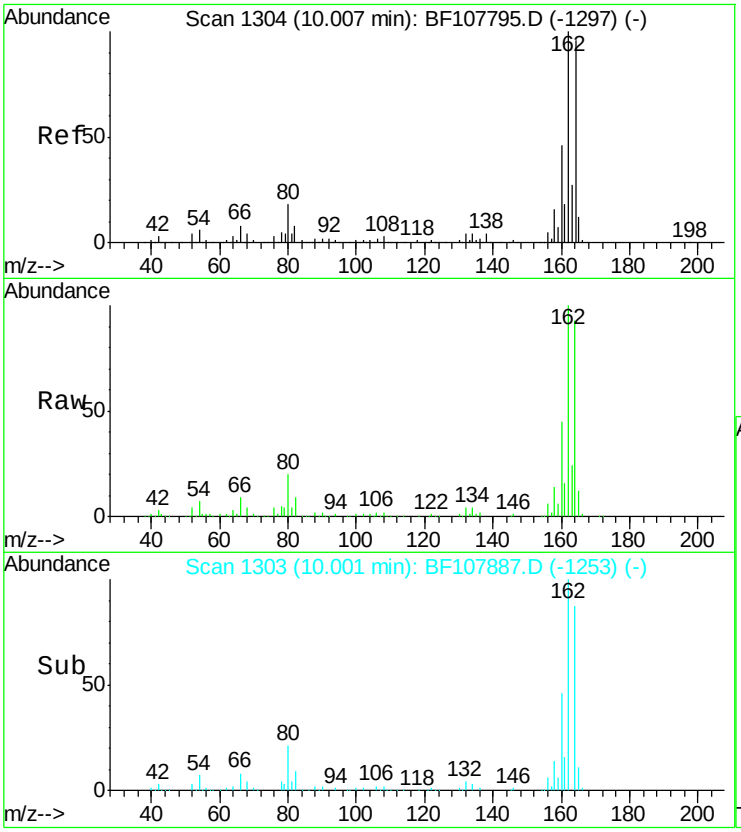


#25
Isophorone
Concen: 43.998 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Tgt Ion: 82 Resp: 610756

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



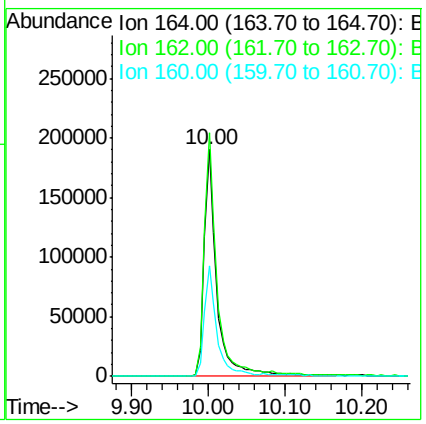


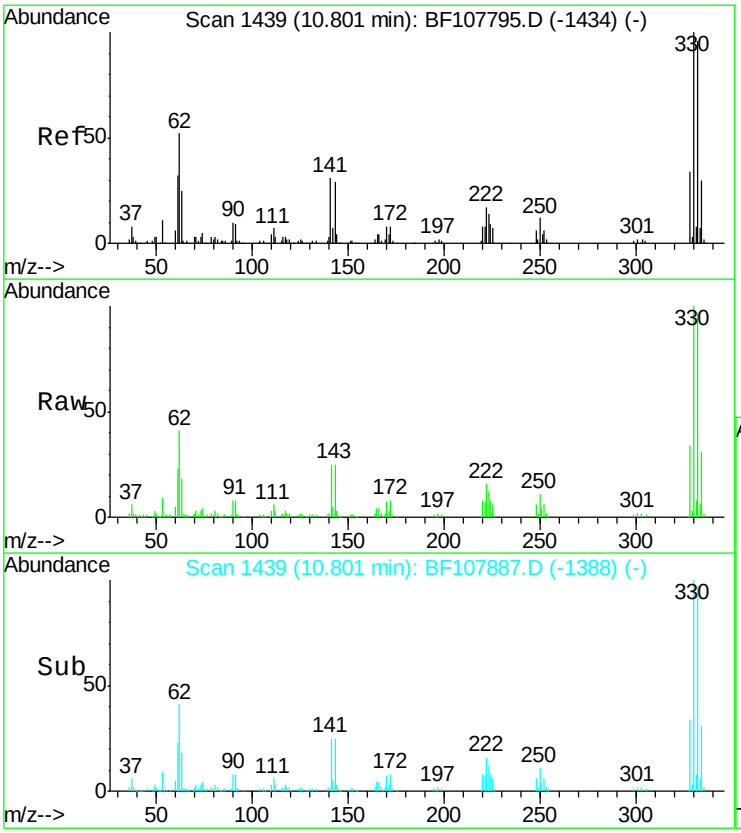
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-B

Tgt Ion:164 Resp: 221586

Ion	Ratio	Lower	Upper
164	100		
162	107.4	86.1	129.1
160	48.6	38.3	57.5

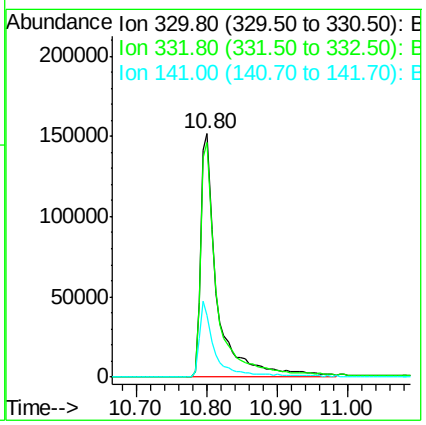


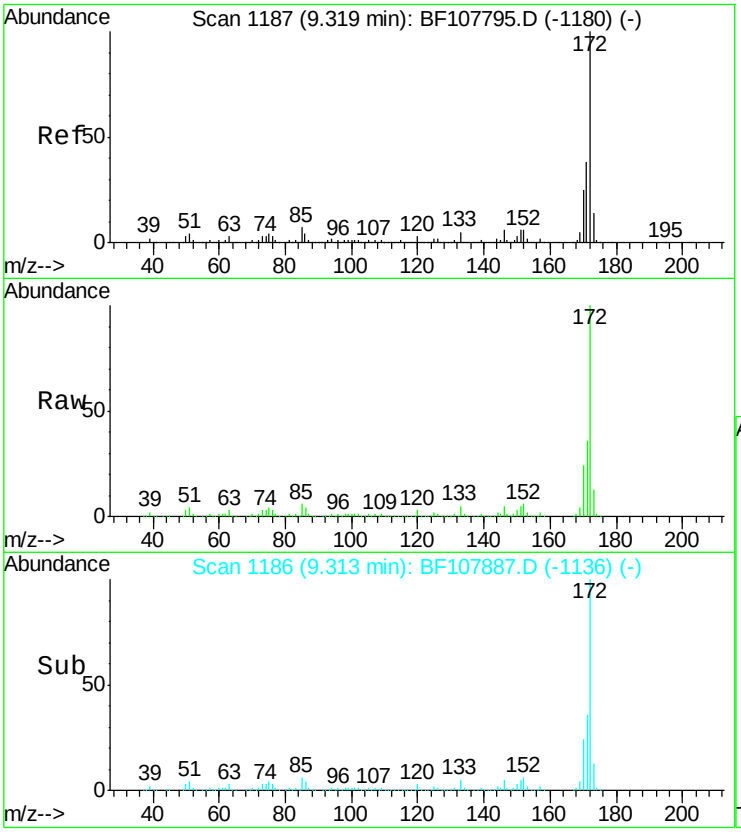


#41
2,4,6-Tribromophenol
Concen: 82.716 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Tgt Ion:330 Resp: 249051

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	29.6	29.9	44.9#



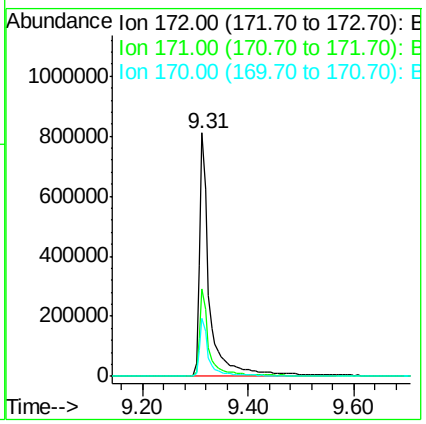


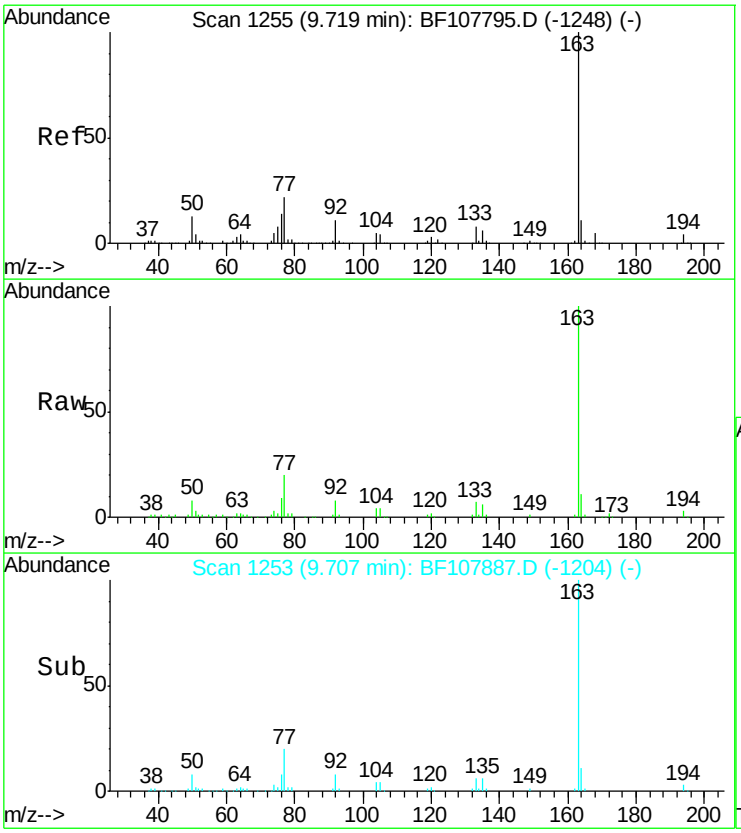
#44
2-Fluorobiphenyl
Concen: 68.502 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-B

Tgt Ion:172 Resp: 1089293

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4

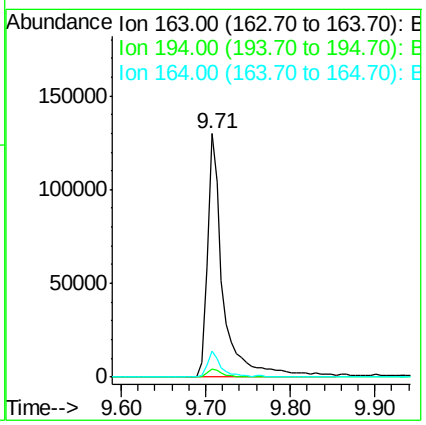


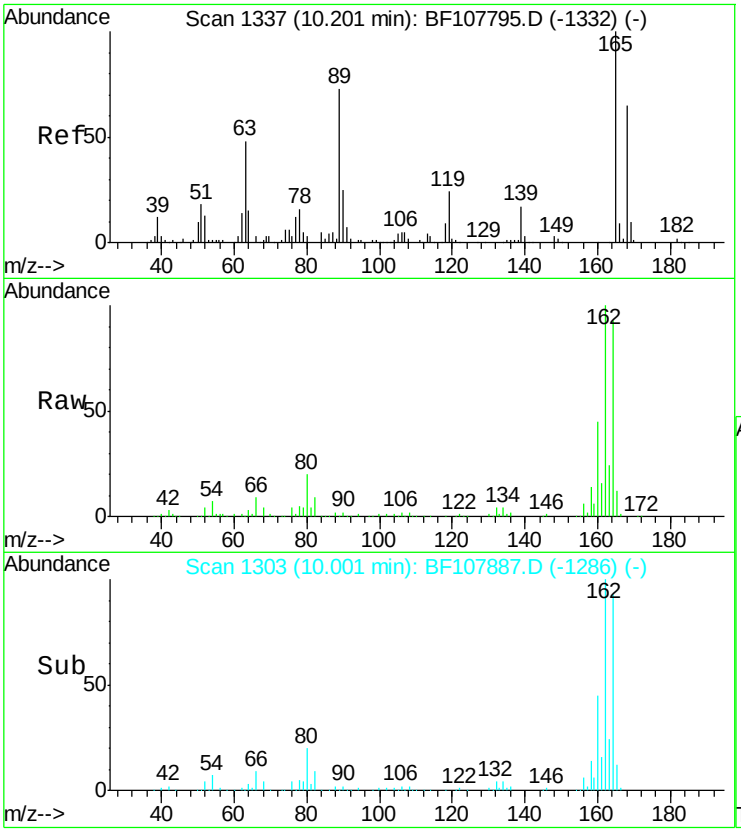


#49
Dimethylphthalate
Concen: 10.246 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Tgt Ion:163 Resp: 170508

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.8	8.2	12.2



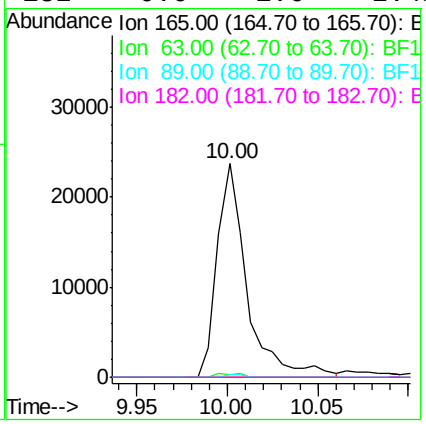


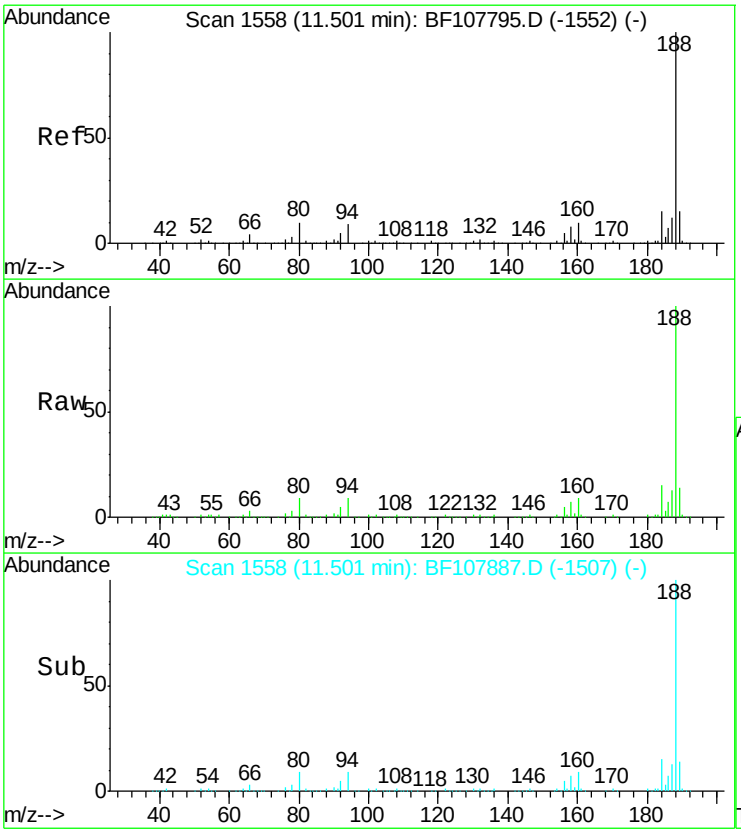
#56
2,4-Dinitrotoluene
Concen: 5.734 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-B

Tgt Ion:165 Resp: 27254

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

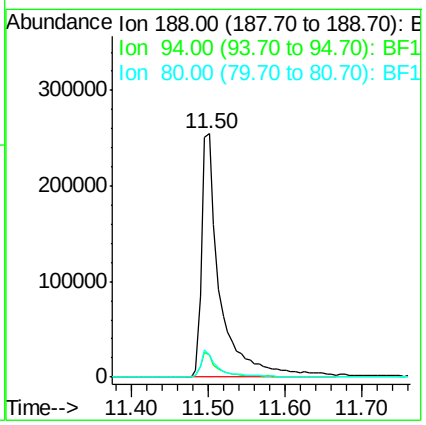


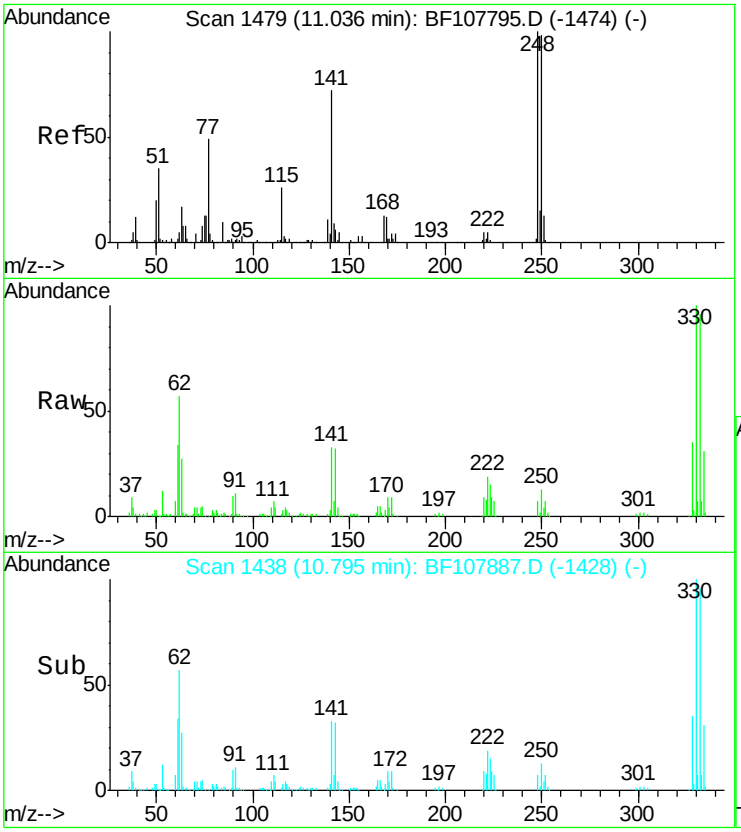


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Tgt Ion:188 Resp: 426369

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.0	9.2	13.8#



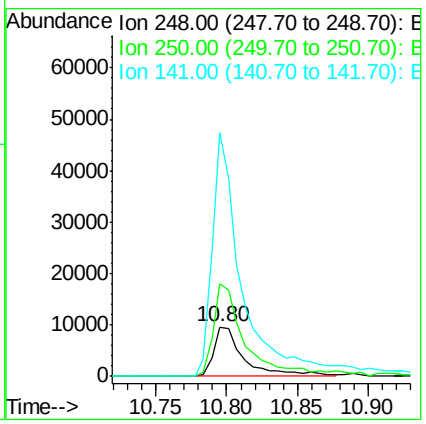


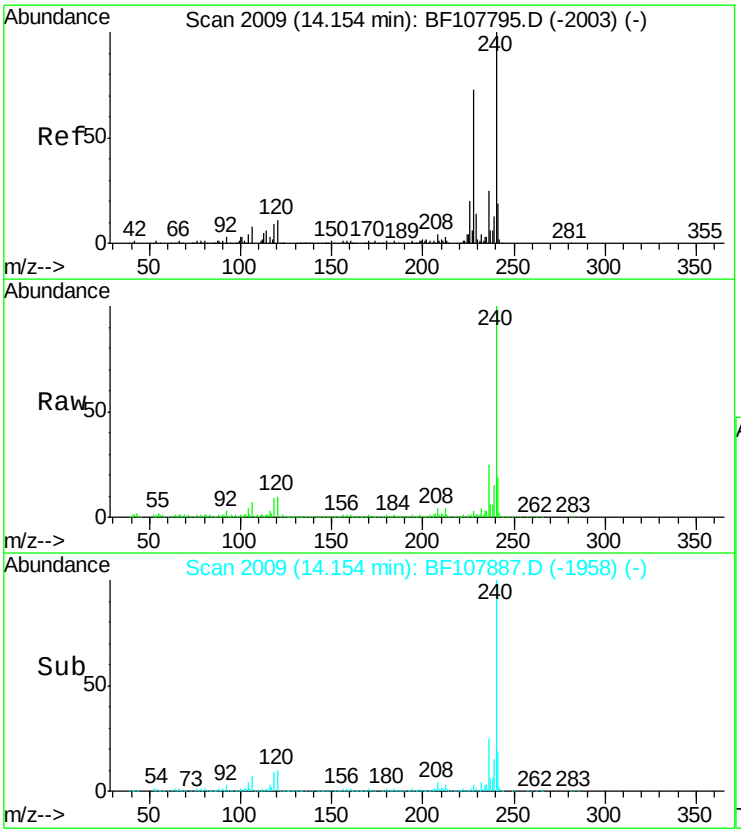
#66
4-Bromophenyl-phenylether
Concen: 2.918 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-B

Tgt Ion:248 Resp: 14499

Ion	Ratio	Lower	Upper
248	100		
250	188.9	76.9	115.3#
141	496.4	74.4	111.6#

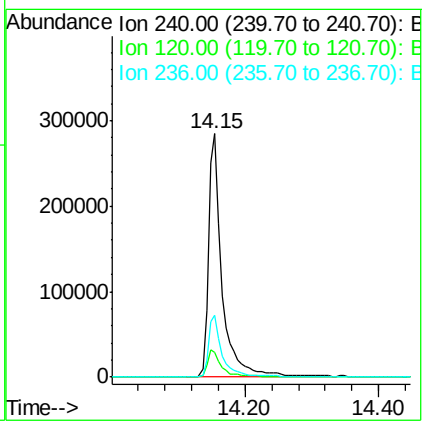


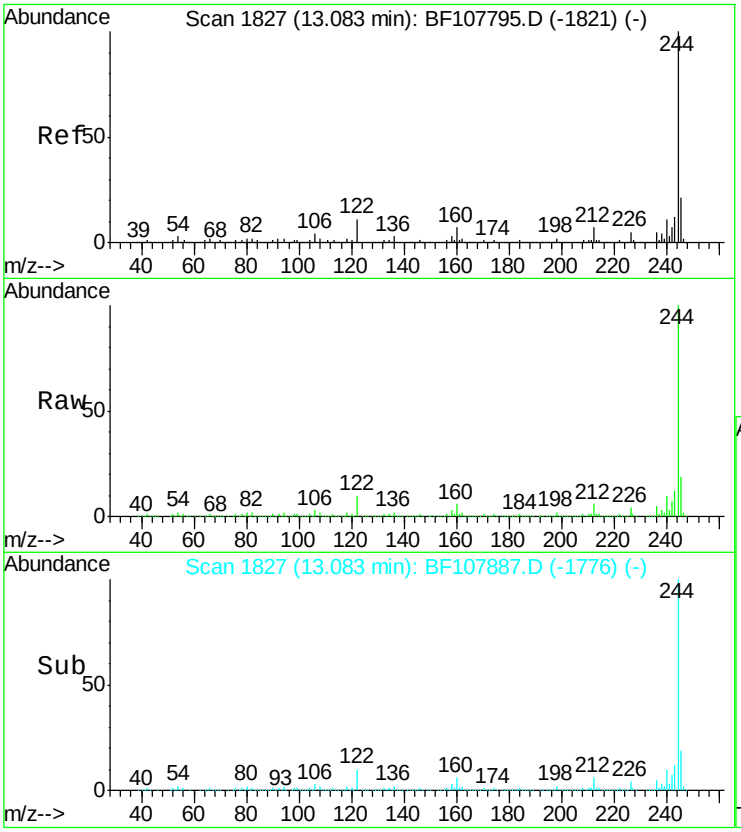


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Tgt Ion:240 Resp: 408025

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.3	20.7	31.1



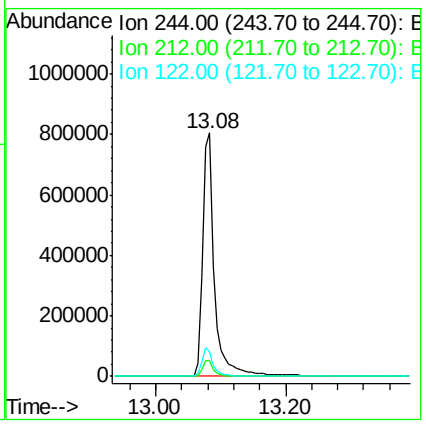


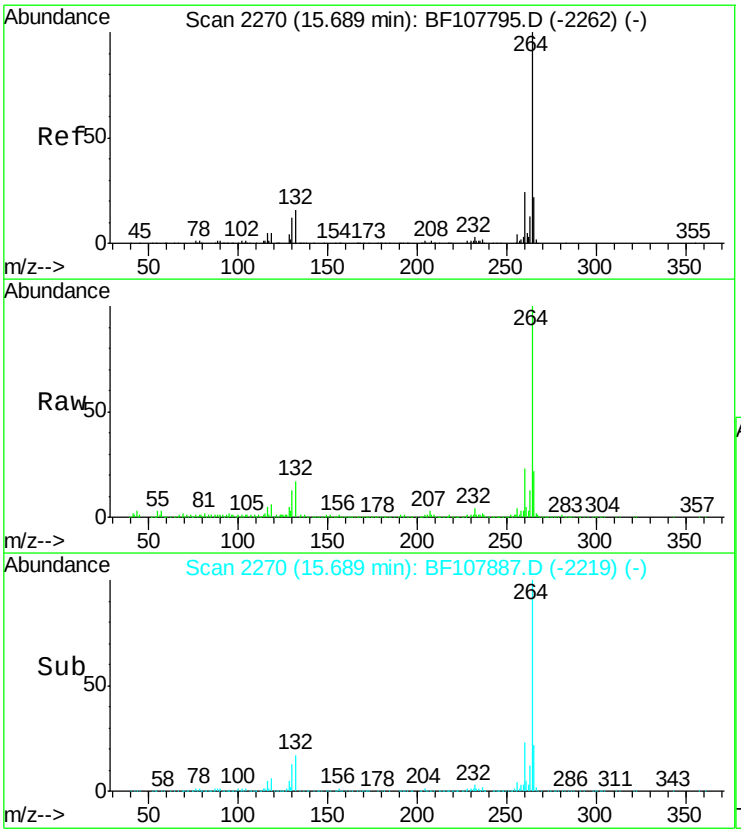
#78
Terphenyl-d14
Concen: 53.782 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-B

Tgt Ion:244 Resp: 1012002

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.0	11.0	16.4#

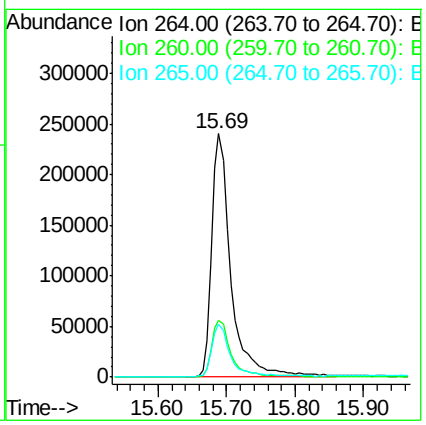


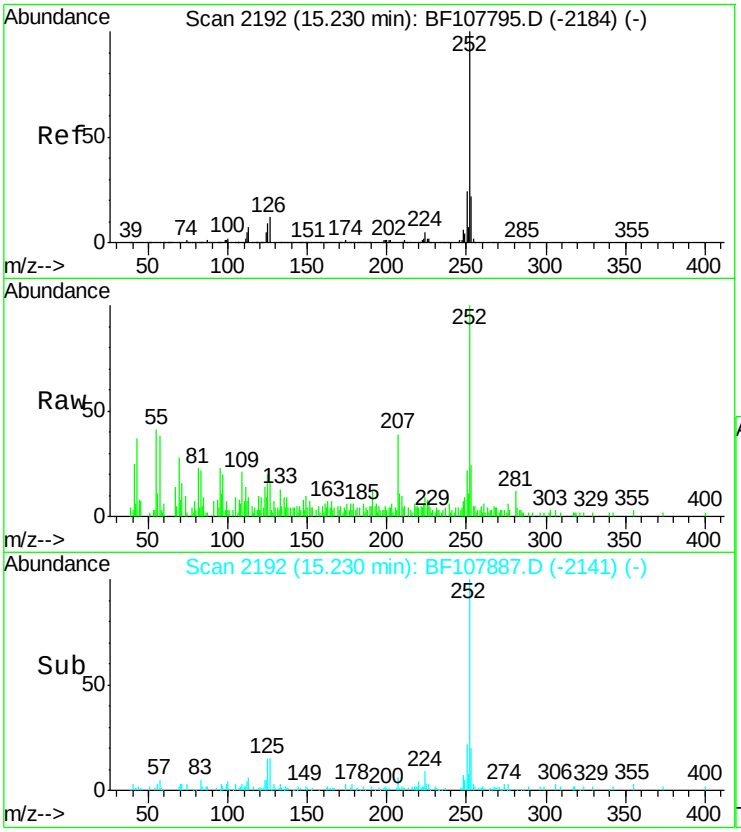


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Tgt Ion:264 Resp: 466095

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.5	26.3





#87
Benzo(b)fluoranthene
Concen: 2.004 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107887.D
Acq: 1 Aug 2018 14:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-023-B

Tgt Ion:252 Resp: 46069

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	20.4	9.0	13.6#