Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107556.D
Acq On : 21 Jul 2018 6:17
Operator : JU/SJ
Sample : J3909-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-071918

Quant Time: Jul 23 03:25:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	263632	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	826206	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	300616	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	653365	20.00	ng		0.00
75) Chrysene-d12	14.16	240	733388	20.00	ng		0.00
86) Perylene-d12	15.69	264	509606	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	489876	29.88	ng		0.00
7) Phenol-d6	6.60	99	377782	19.19	ng		-0.01
23) Nitrobenzene-d5	7.54	82	870661	71.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	243701	71.29	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	1349305	74.21	ng		0.00
78) Terphenyl-d14	13.10	244	1777003	62.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	23754	3.112	ng	#	82
9) Benzaldehyde	6.50	77	805	Below Cal		#	1
10) Phenol	6.62	94	63452	2.740	ng		80
32) Benzoic acid	8.04	122	1788	8.091	ng	#	1
35) Caprolactam	8.70	113	12327	3.308	ng	#	1
49) Dimethylphthalate	9.72	163	120276	5.309	ng	#	96
53) 2,4-Dinitrophenol	10.18	184	266	8.454	ng	#	64
64) 4,6-Dinitro-2-methylphenol	10.81	198	397	8.784	ng	#	1
73) Di-n-butylphthalate	12.06	149	9697	Below Cal			97
81) 3,3'-Dichlorobenzidine	14.11	252	2054	Below Cal		#	93

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

Quantitation Report (Not Reviewed)

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DSN-001A-071918

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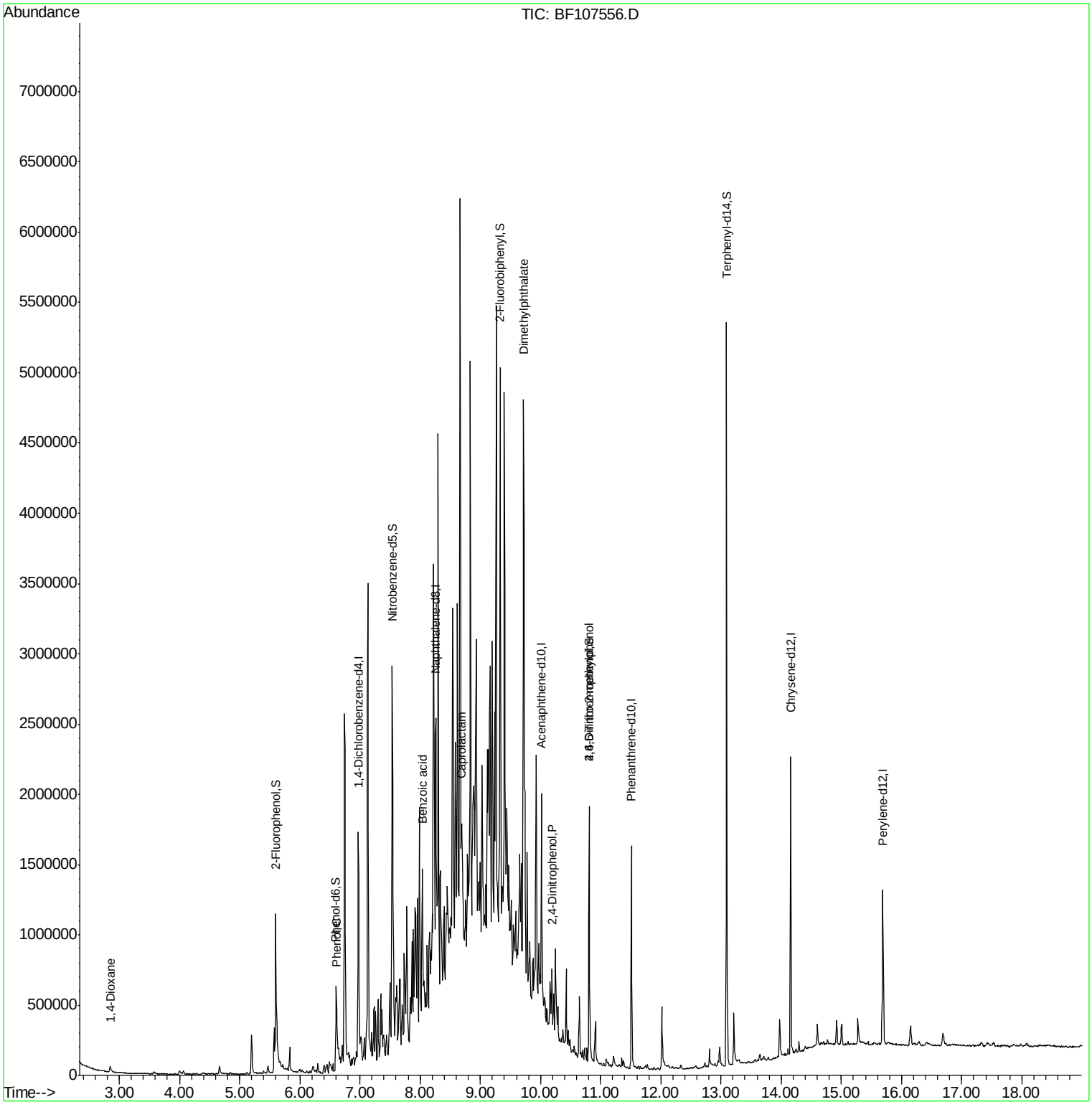
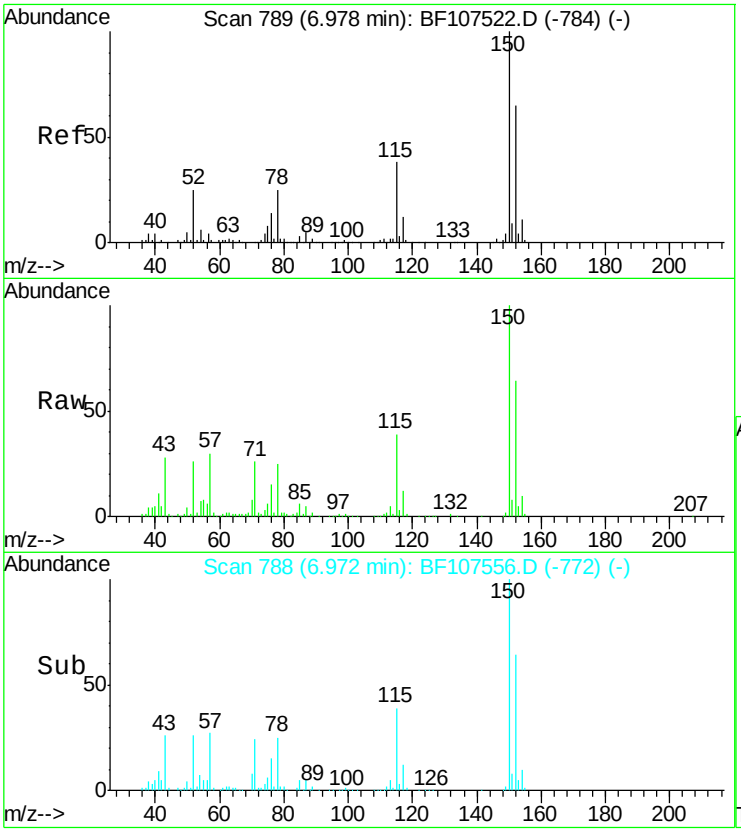
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



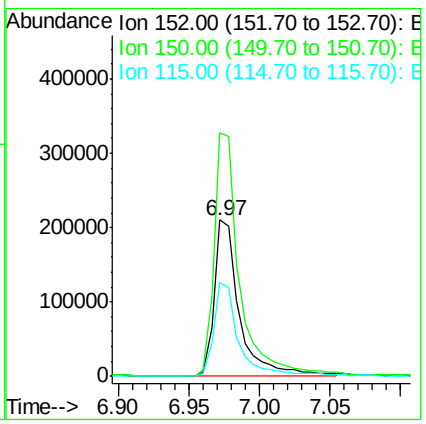


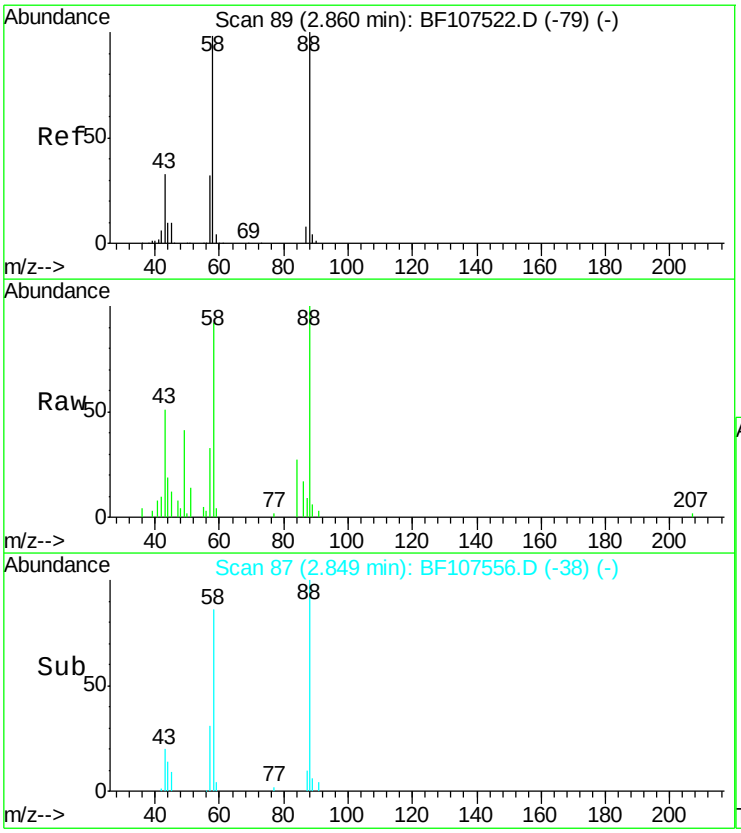
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Instrument :
BNA_F
ClientSampleId :
DSN-001A-071918

Tgt Ion:152 Resp: 263632

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	60.3	50.1	75.1

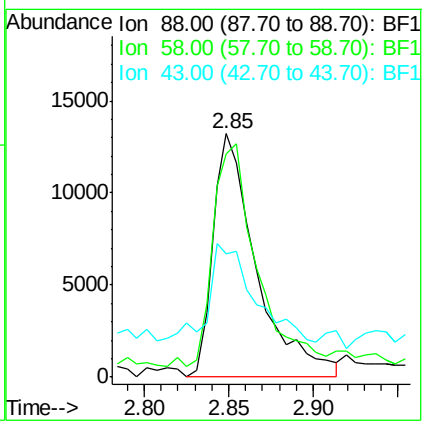


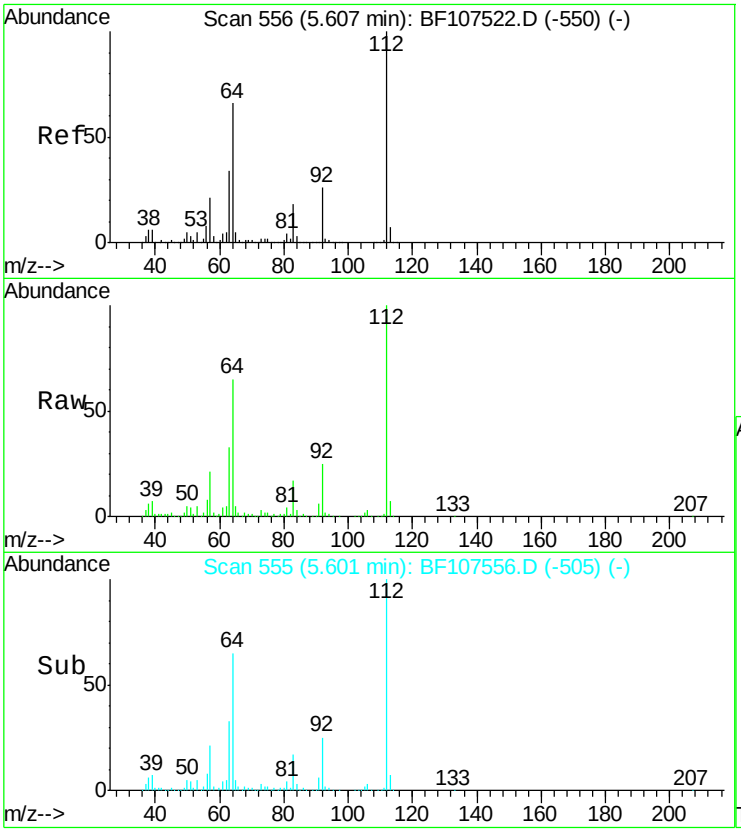


#2
1,4-Dioxane
Concen: 3.112 ng
RT: 2.85 min Scan# 87
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Tgt Ion: 88 Resp: 23754

Ion	Ratio	Lower	Upper
88	100		
58	92.4	62.6	93.8
43	42.5	24.6	37.0#



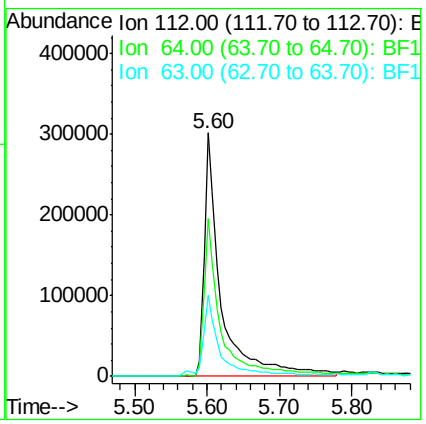


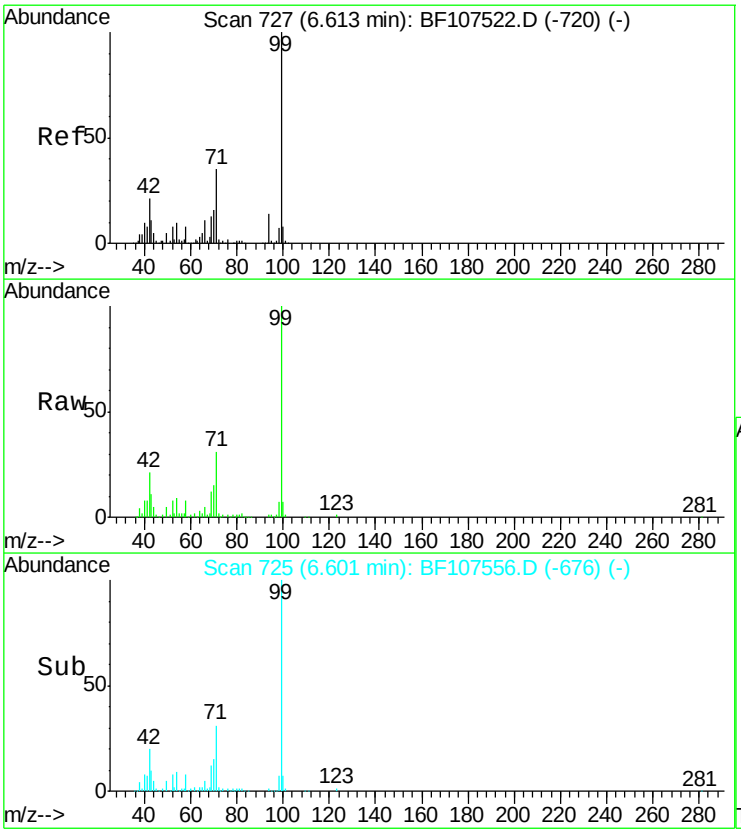
#5
2-Fluorophenol
Concen: 29.876 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Instrument :
BNA_F
ClientSampleId :
DSN-001A-071918

Tgt Ion:112 Resp: 489876

Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	33.4	23.7	35.5

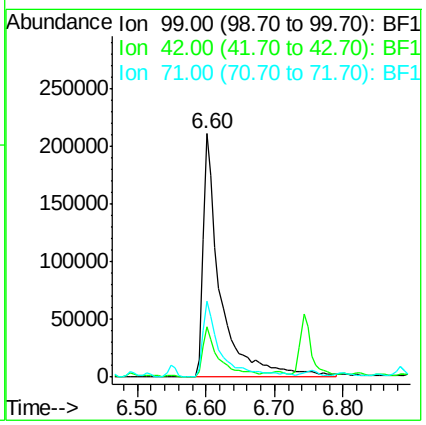


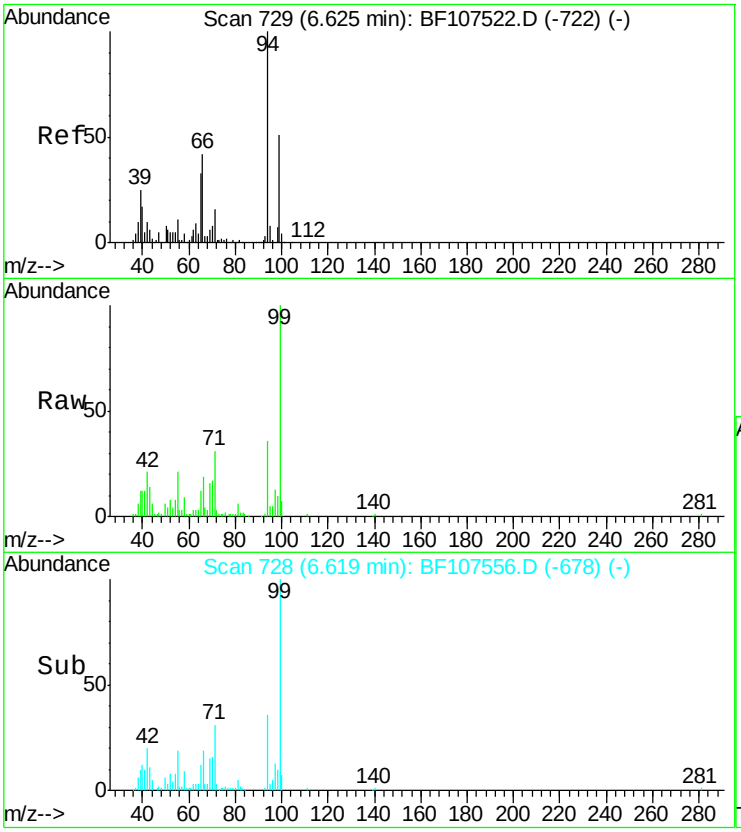


#7
Phenol-d6
Concen: 19.188 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Tgt Ion: 99 Resp: 377782

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	31.4	25.4	38.0



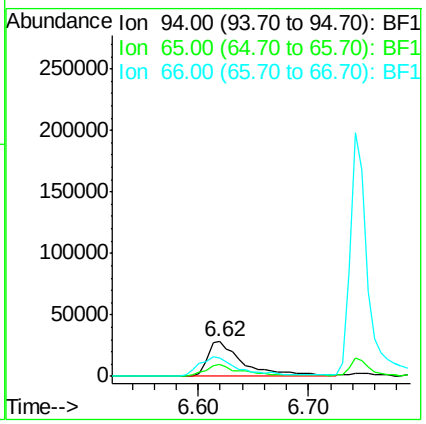


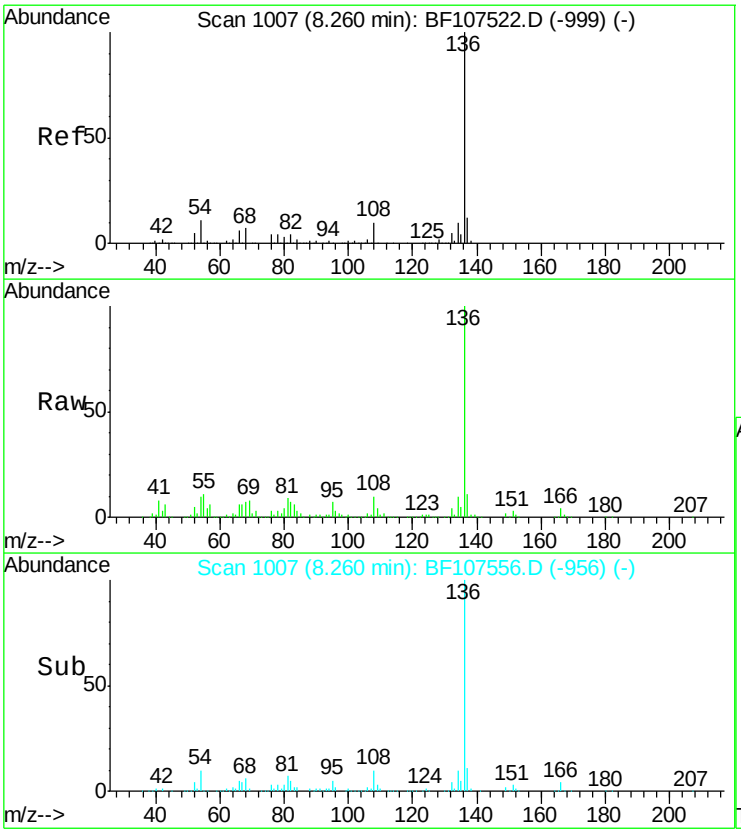
#10
Phenol
Concen: 2.740 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Instrument :
BNA_F
ClientSampleId :
DSN-001A-071918

Tgt Ion: 94 Resp: 63452

Ion	Ratio	Lower	Upper
94	100		
65	33.7	7.9	47.9
66	52.1	16.2	56.2

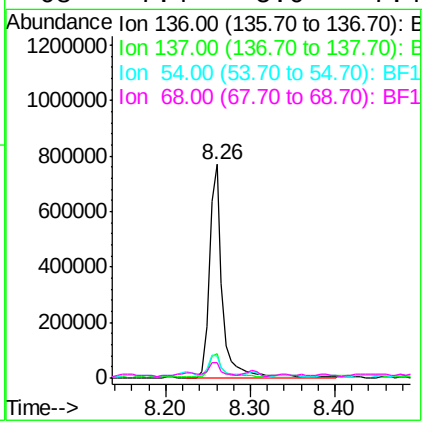


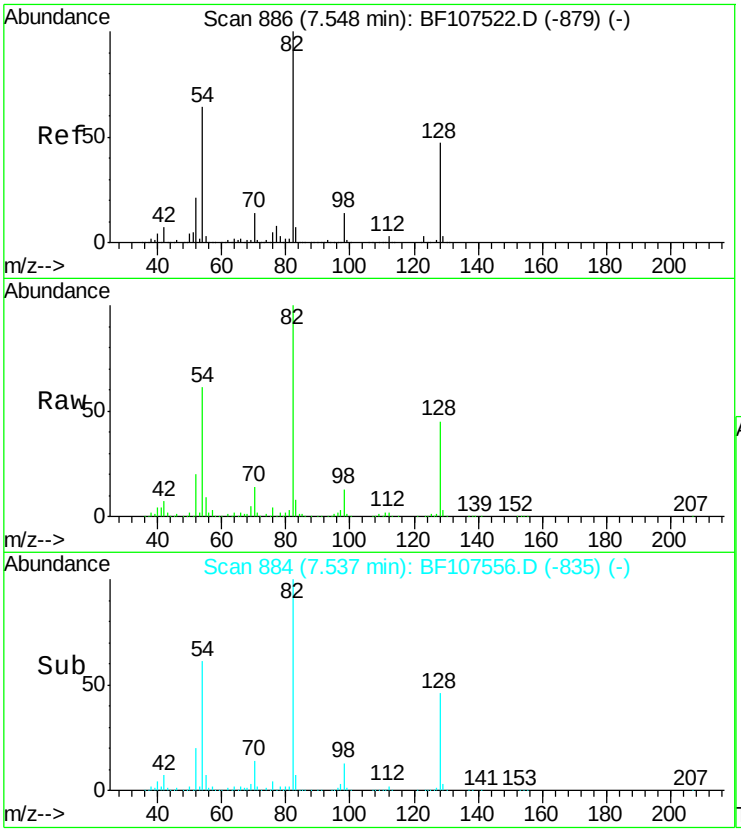


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Tgt Ion:136 Resp: 826206

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.4	6.6	9.8#
68	7.4	5.0	7.4



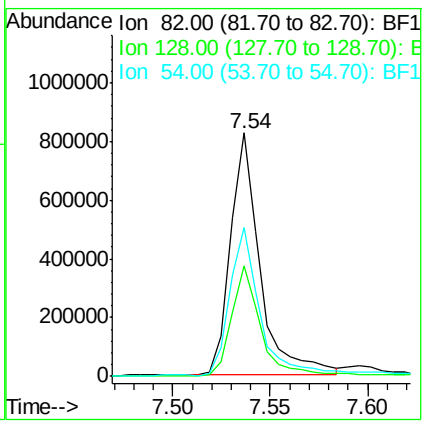


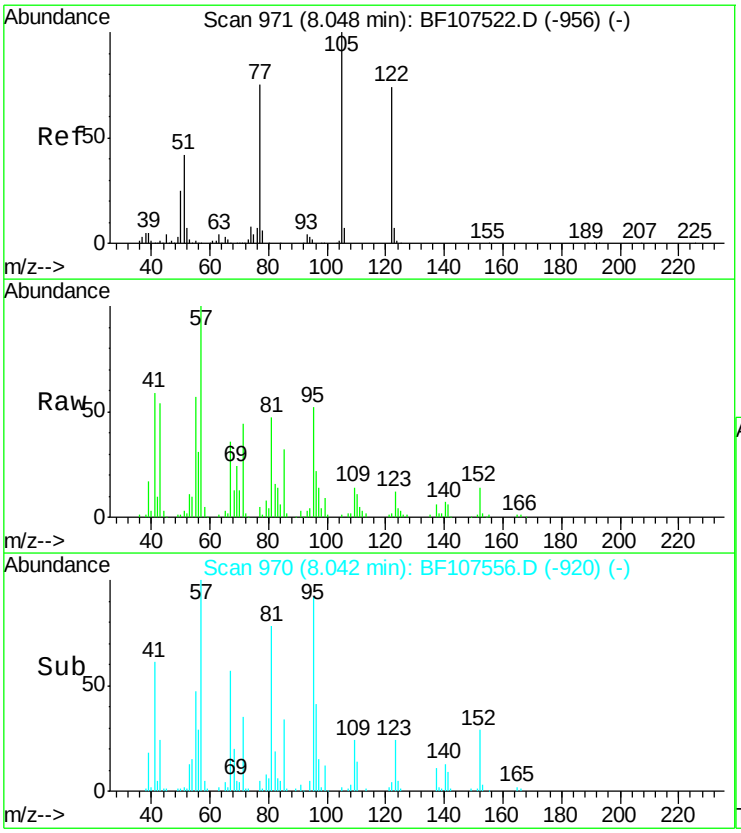
#23
Nitrobenzene-d5
Concen: 71.119 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Instrument :
BNA_F
ClientSampleId :
DSN-001A-071918

Tgt Ion: 82 Resp: 870661

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	61.2	41.4	62.2

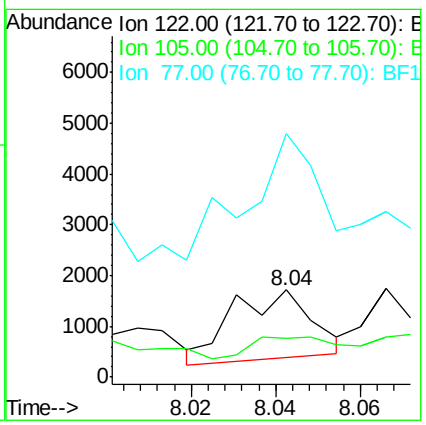


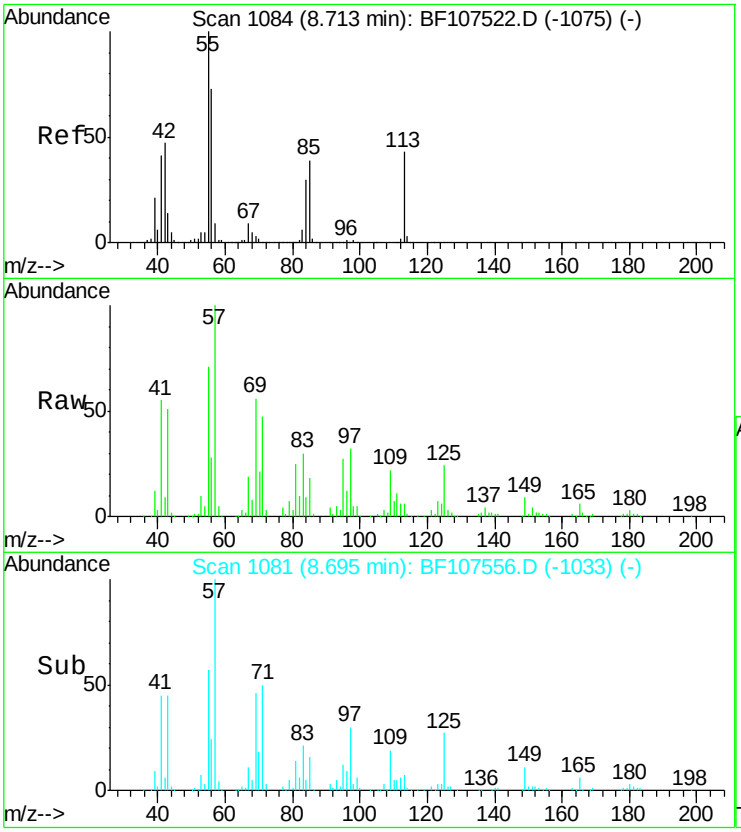


#32
Benzoic acid
Concen: 8.091 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Tgt Ion:122 Resp: 1788

Ion	Ratio	Lower	Upper
122	100		
105	45.2	101.1	141.1#
77	280.1	70.7	110.7#



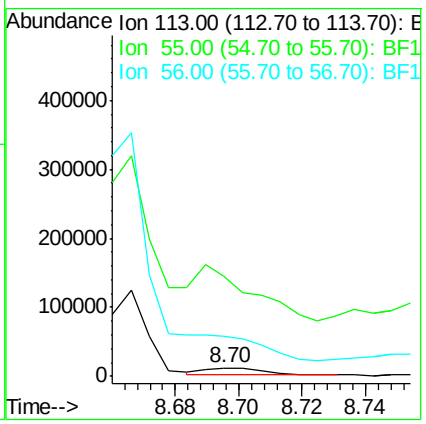


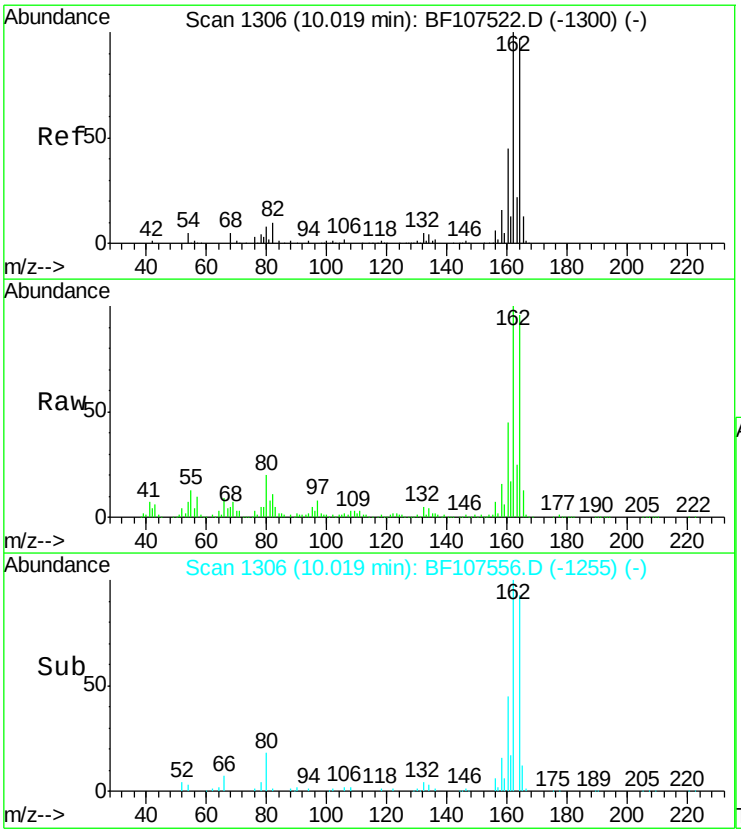
#35
Caprolactam
Concen: 3.308 ng
RT: 8.70 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Instrument :
BNA_F
ClientSampleId :
DSN-001A-071918

Tgt Ion:113 Resp: 12327

Ion	Ratio	Lower	Upper
113	100		
55	1238.7	163.3	203.3#
56	487.2	115.7	155.7#

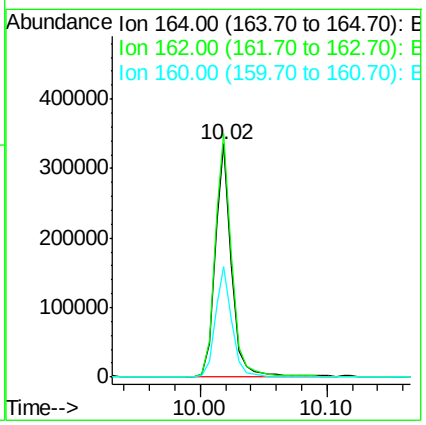


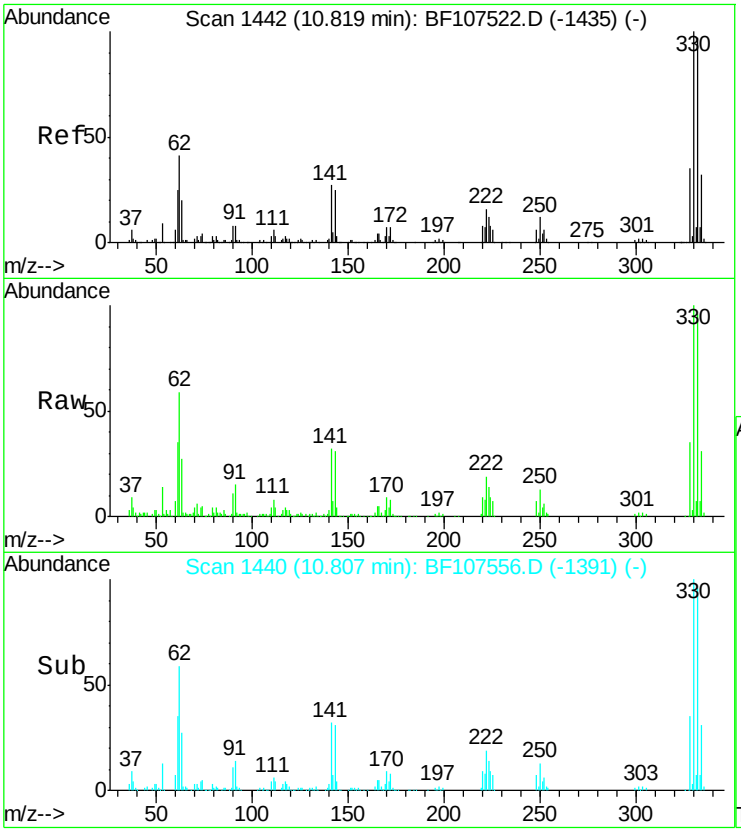


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Tgt Ion:164 Resp: 300616

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	47.2	38.3	57.5



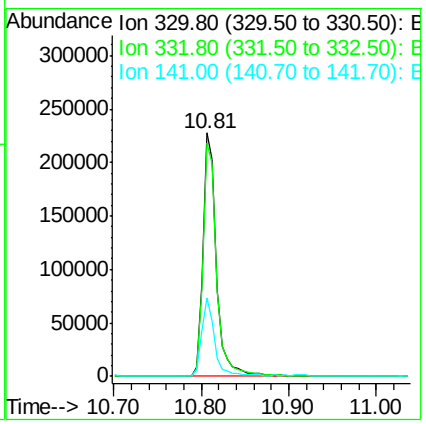


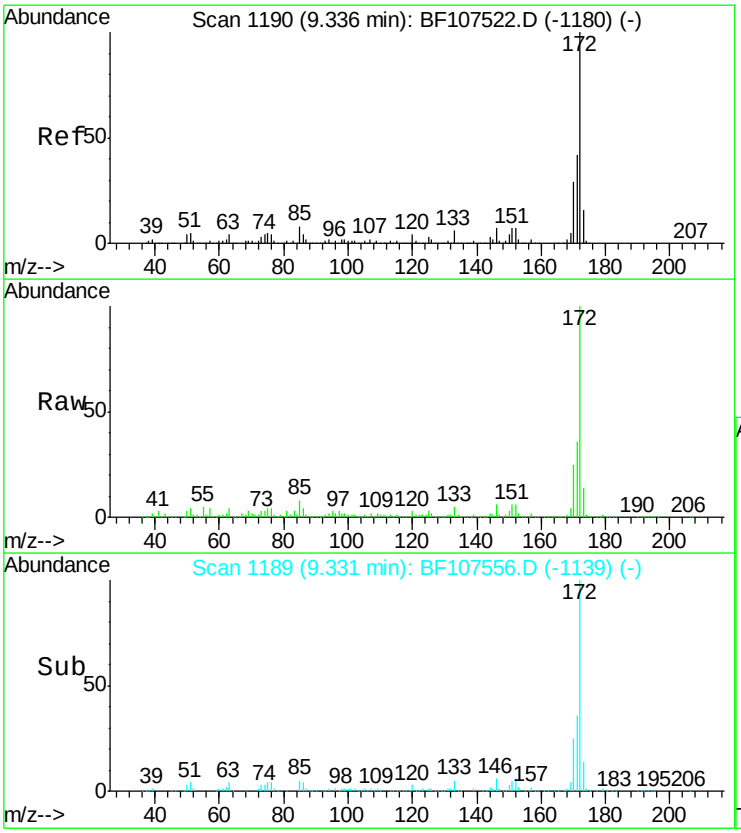
#41
2,4,6-Tribromophenol
Concen: 71.289 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Instrument :
BNA_F
ClientSampleId :
DSN-001A-071918

Tgt Ion:330 Resp: 243701

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	30.1	29.9	44.9

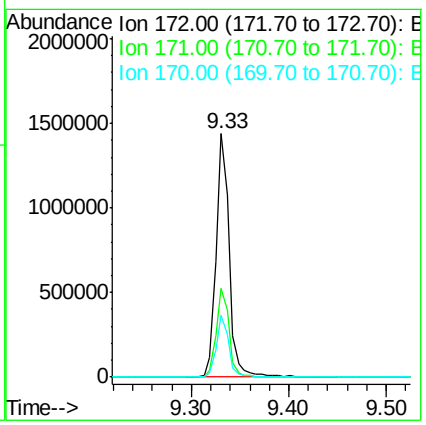


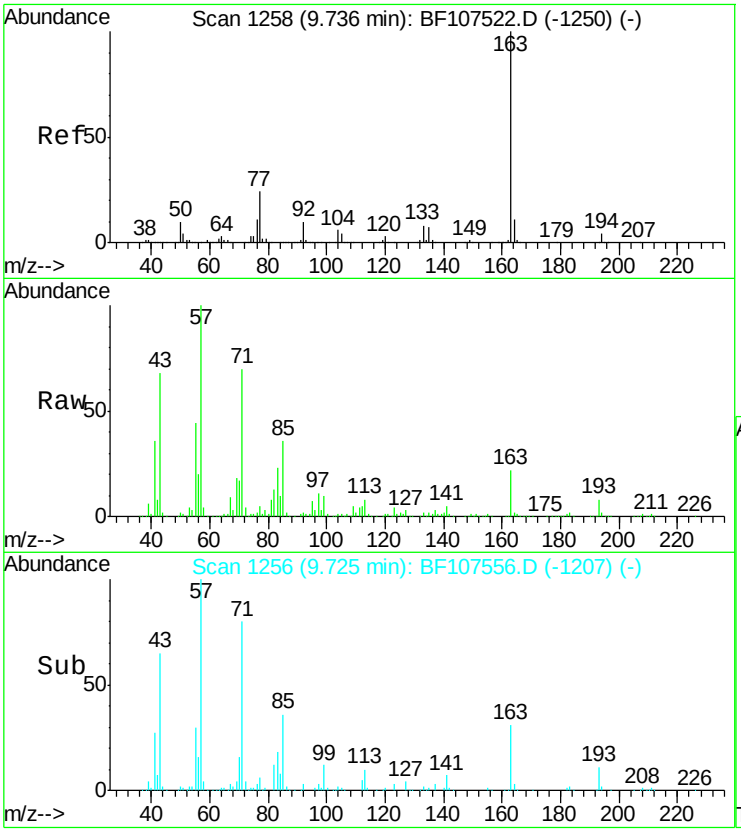


#44
2-Fluorobiphenyl
Concen: 74.210 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Tgt Ion:172 Resp: 1349305

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	25.4	19.6	29.4



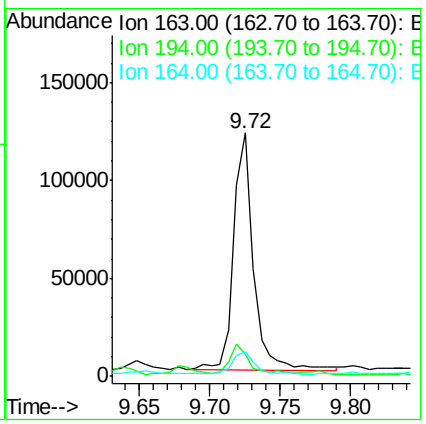


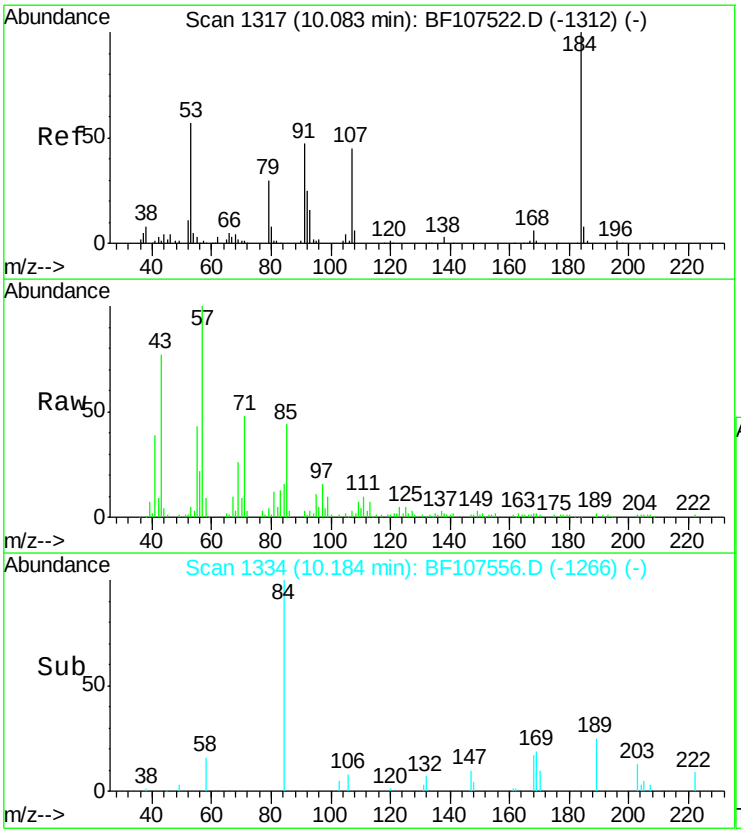
#49
Dimethylphthalate
Concen: 5.309 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Instrument :
BNA_F
ClientSampleId :
DSN-001A-071918

Tgt Ion:163 Resp: 120276

Ion	Ratio	Lower	Upper
163	100		
194	9.1	2.7	4.1#
164	10.2	8.2	12.2

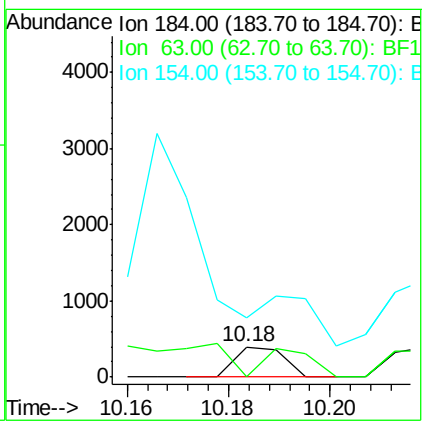


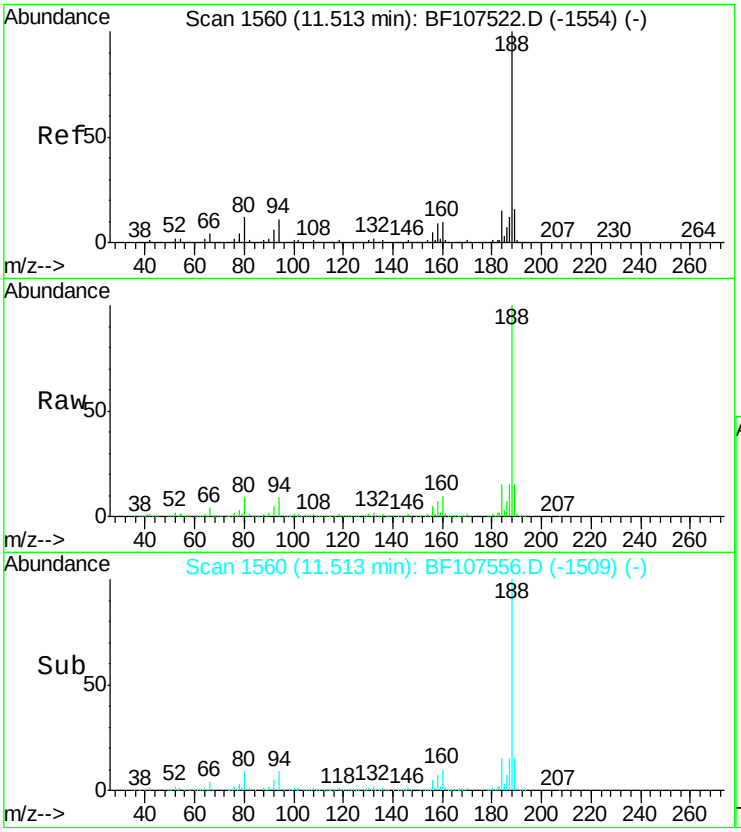


#53
2,4-Dinitrophenol
Concen: 8.454 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.10 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Tgt Ion:184 Resp: 266

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	193.5	184.0	276.0



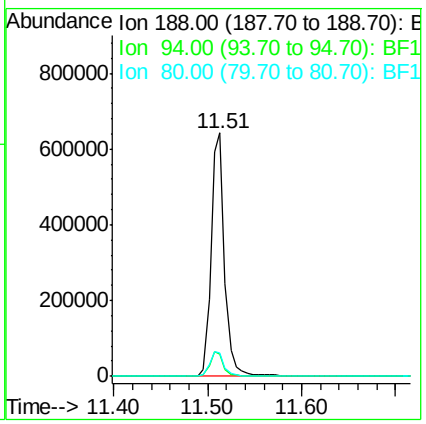


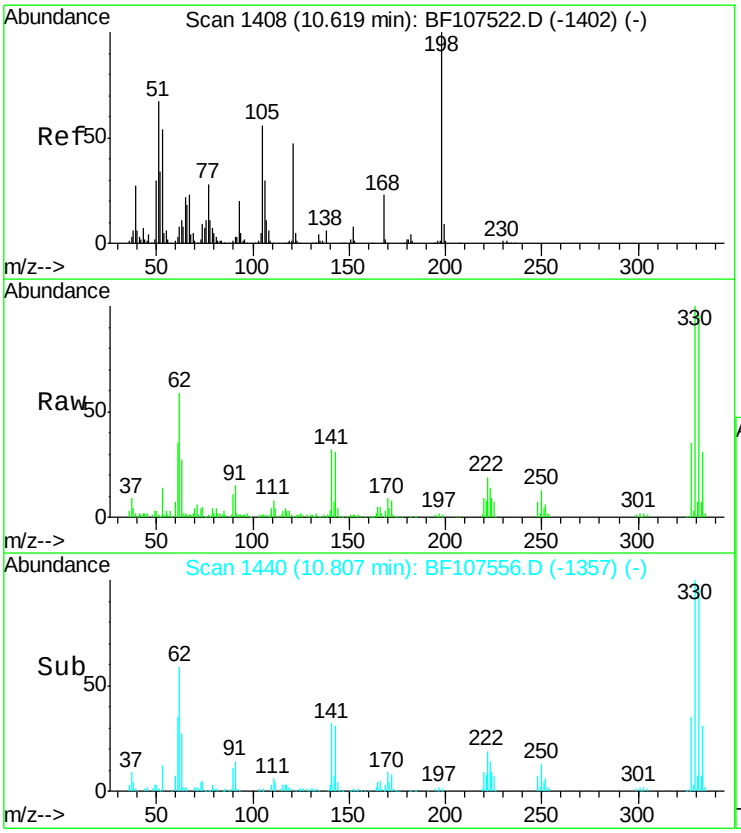
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Instrument :
BNA_F
ClientSampleId :
DSN-001A-071918

Tgt Ion:188 Resp: 653365

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.5	9.2	13.8

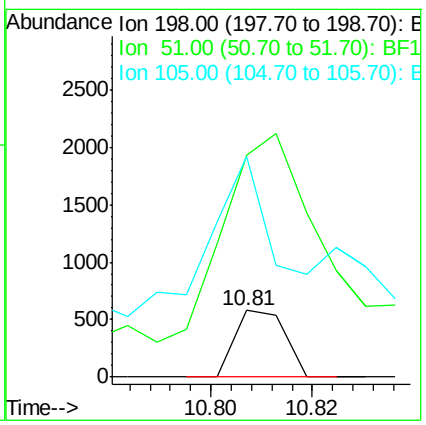


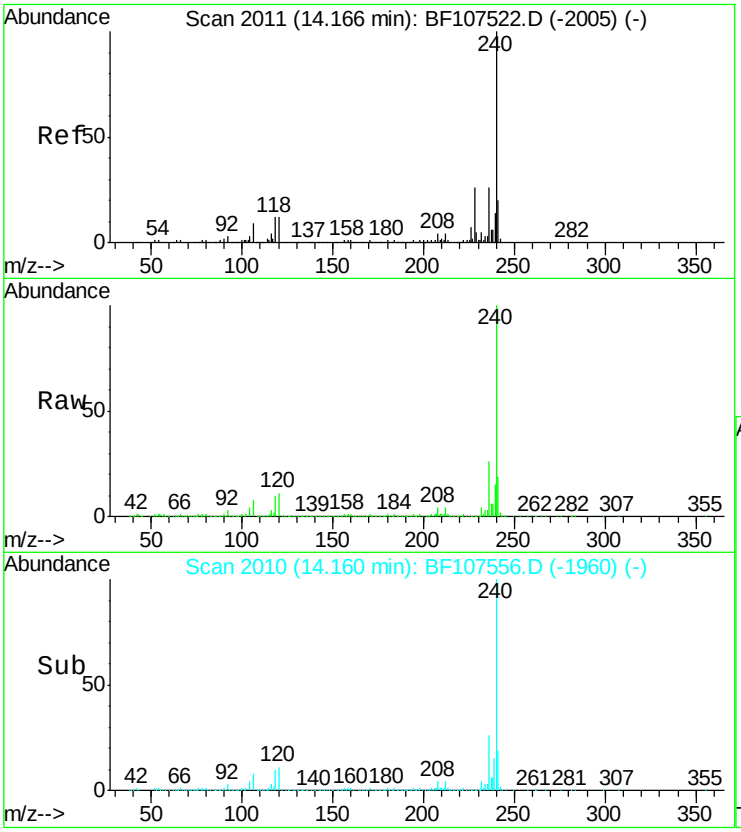


#64
4,6-Dinitro-2-methylphenol
Concen: 8.784 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Tgt Ion:198 Resp: 397

Ion	Ratio	Lower	Upper
198	100		
51	330.9	37.7	77.7#
105	330.2	36.3	76.3#



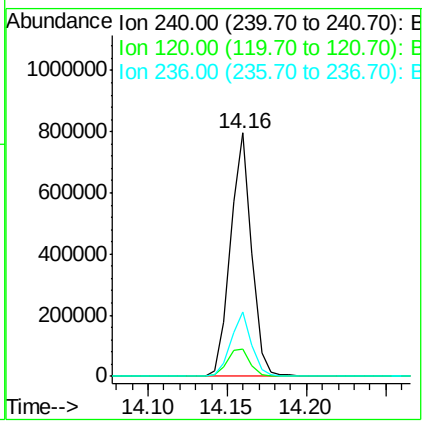


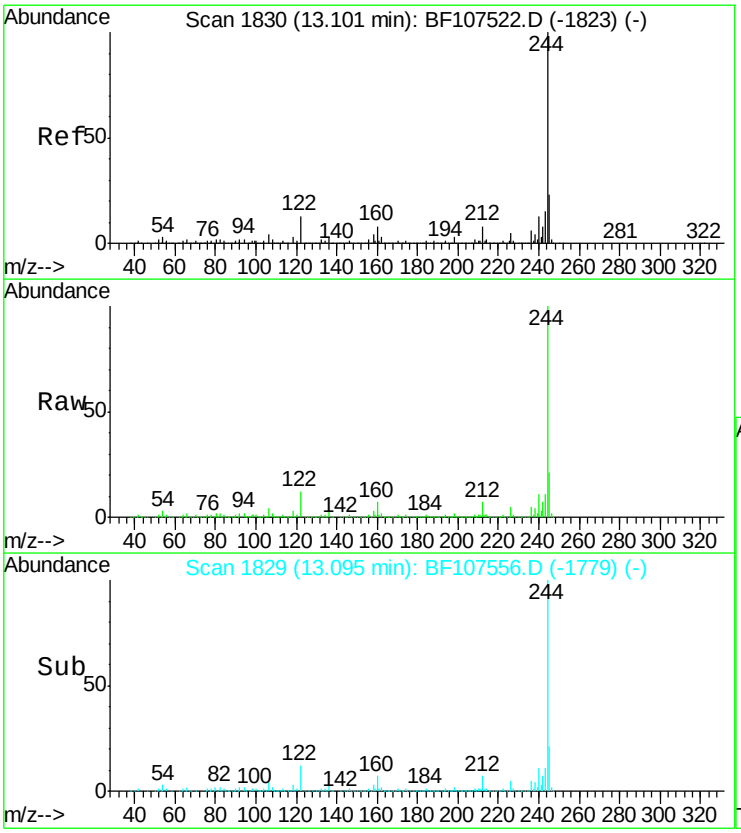
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Instrument :
BNA_F
ClientSampleId :
DSN-001A-071918

Tgt Ion:240 Resp: 733388

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.3	20.7	31.1

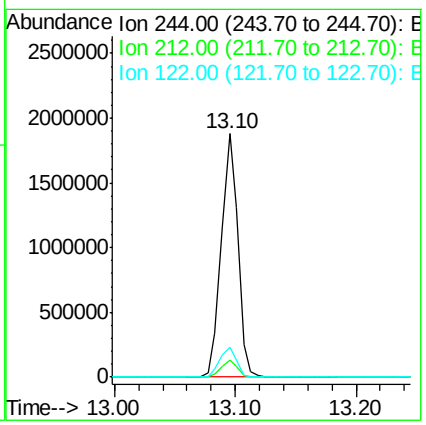


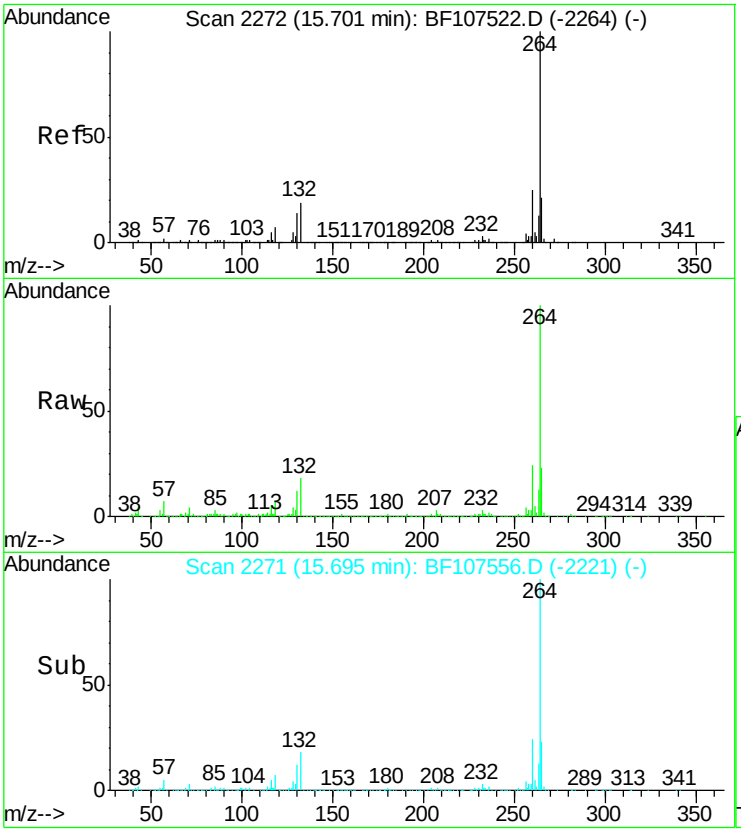


#78
Terphenyl-d14
Concen: 62.031 ng
RT: 13.10 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Tgt Ion:244 Resp: 1777003

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107556.D
Acq: 21 Jul 2018 6:17

Instrument :
BNA_F
ClientSampleId :
DSN-001A-071918

Tgt Ion:264 Resp: 509606

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.7	17.5	26.3