Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107832.D
Acq On : 31 Jul 2018 6:11
Operator : JU/SJ
Sample : J4184-01DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3BDL

Quant Time: Jul 31 07:18:05 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	143039	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	639237	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	242843	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	419354	20.00	ng	0.00
75) Chrysene-d12	14.15	240	440901	20.00	ng	0.00
86) Perylene-d12	15.68	264	359053	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	31377	3.73	ng	0.02
7) Phenol-d6	6.65	99	22778	2.05	ng	0.04
23) Nitrobenzene-d5	7.54	82	92421	8.33	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	41599	12.61	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	270150	15.50	ng	0.00
78) Terphenyl-d14	13.08	244	229386	11.28	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.27	128	2568602	86.443	ng	98
51) Acenaphthene	10.04	154	115372	7.687	ng	99

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

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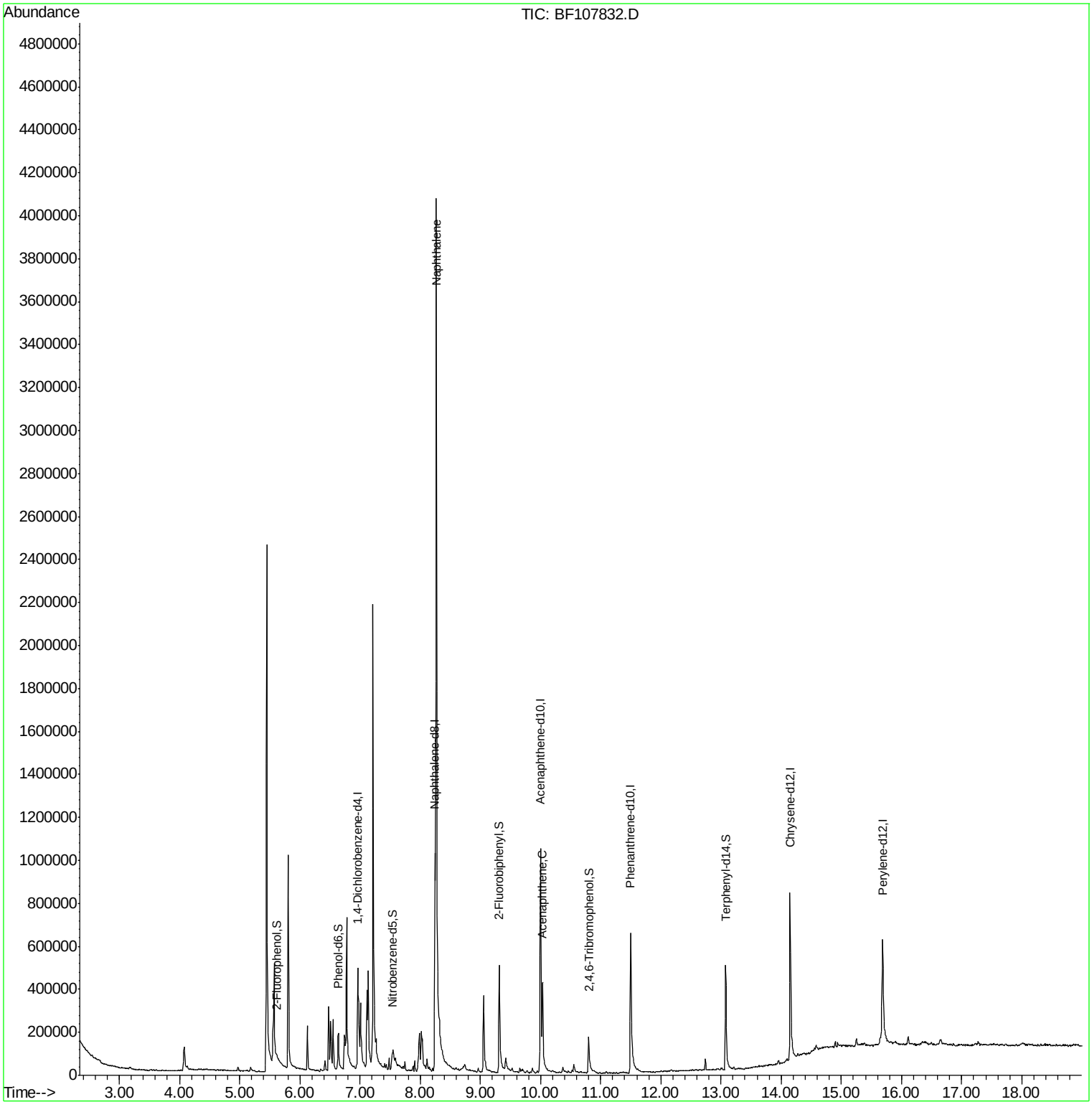
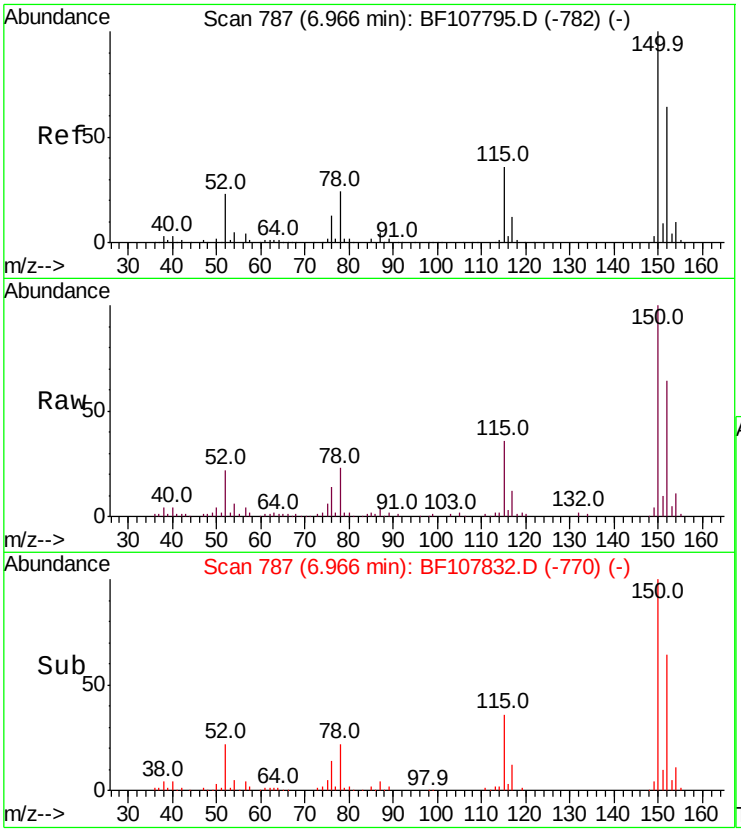


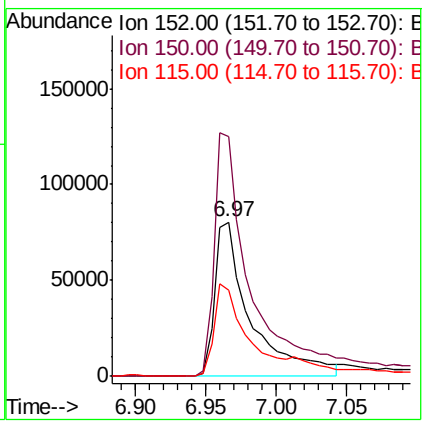


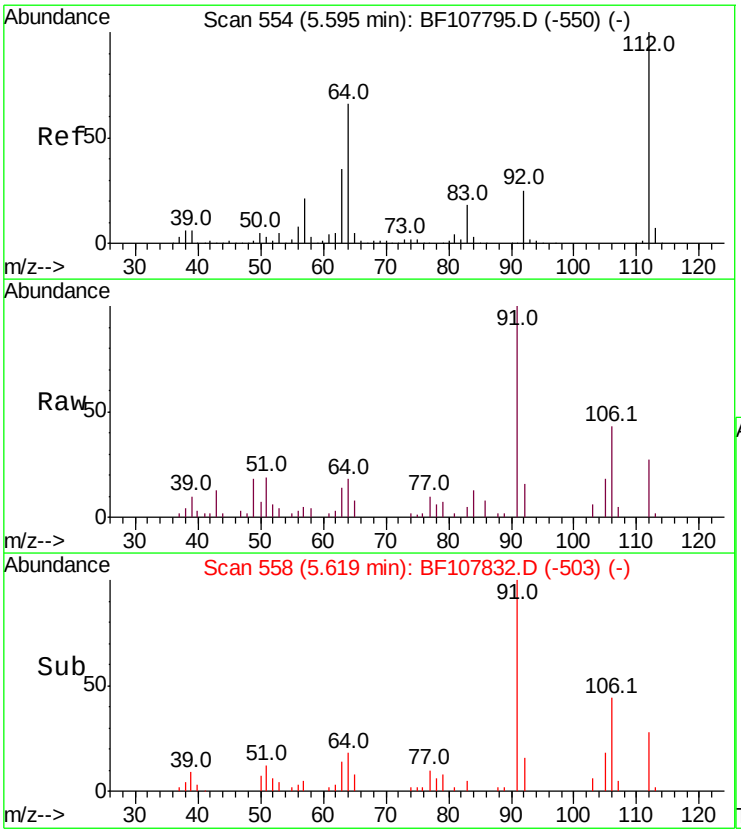
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tgt Ion:152 Resp: 143039

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	56.3	50.1	75.1

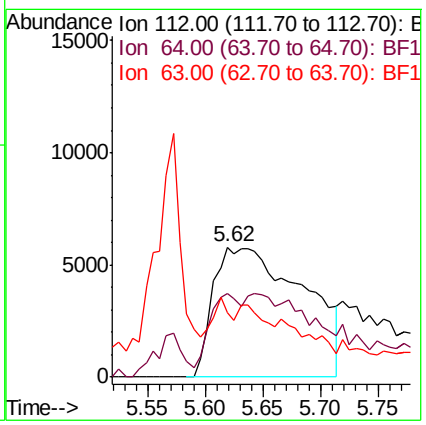


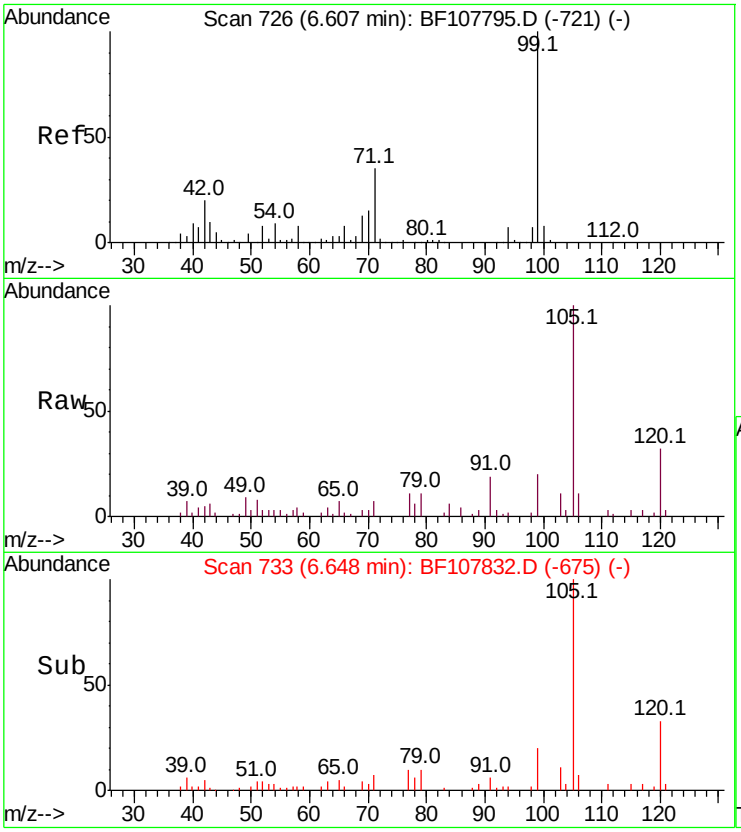


#5
2-Fluorophenol
Concen: 3.728 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Tgt Ion:112 Resp: 31377

Ion	Ratio	Lower	Upper
112	100		
64	64.7	47.9	71.9
63	50.1	23.7	35.5#



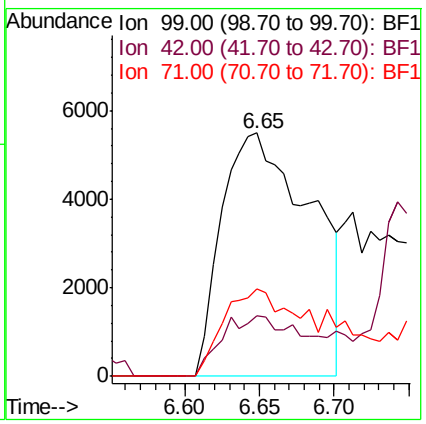


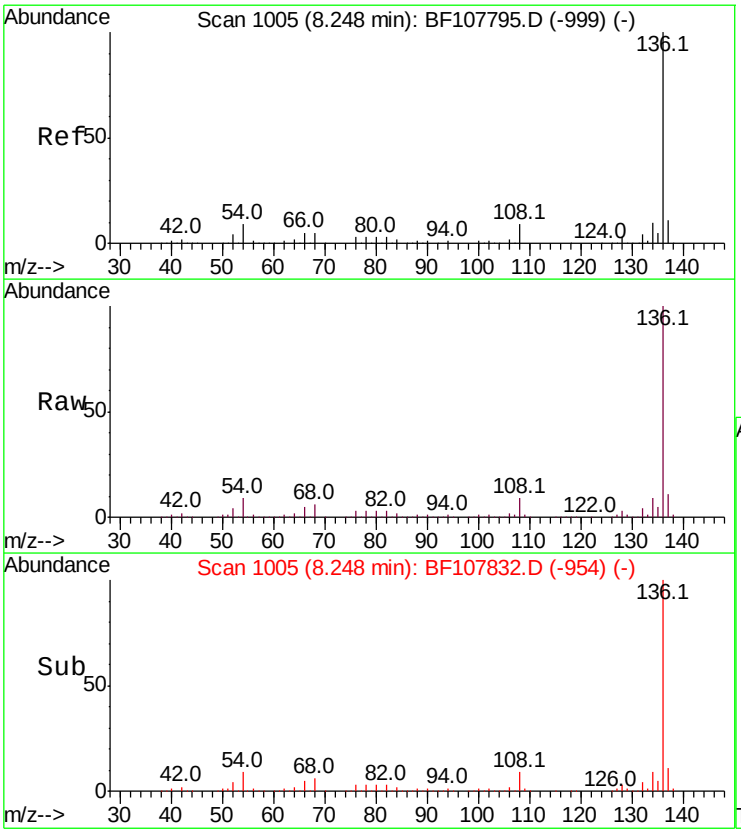
#7
Phenol-d6
Concen: 2.054 ng
RT: 6.65 min Scan# 733
Delta R.T. 0.04 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tgt Ion: 99 Resp: 22778

Ion	Ratio	Lower	Upper
99	100		
42	24.7	14.5	21.7#
71	35.9	25.4	38.0

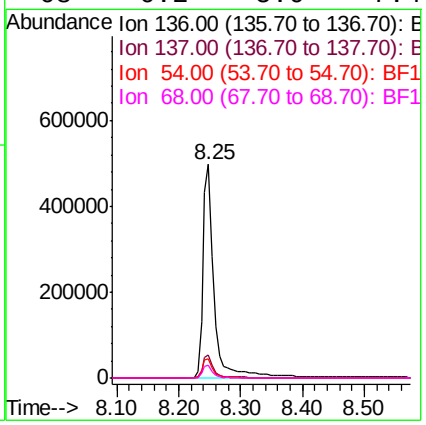


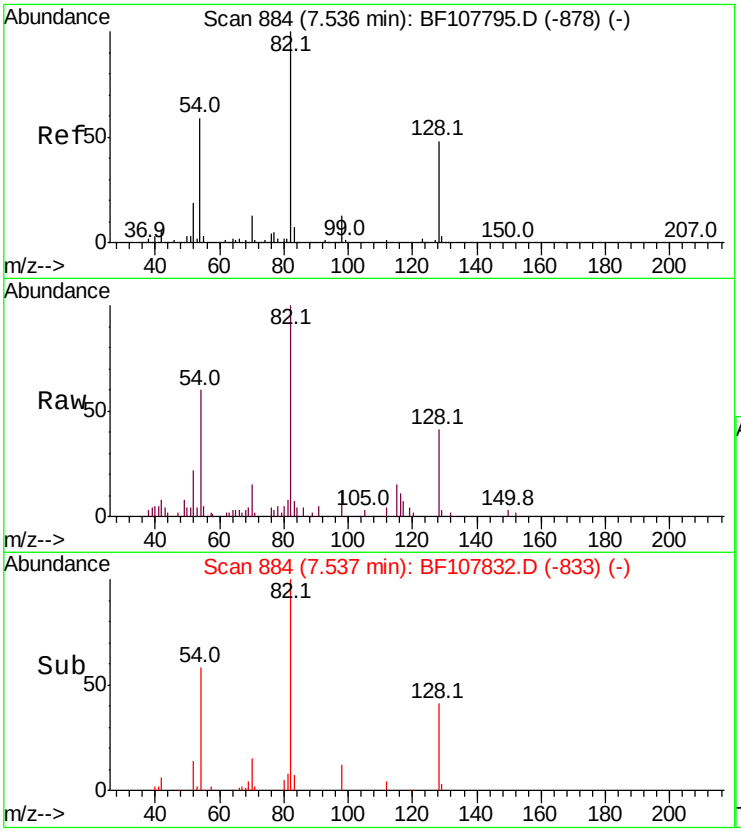


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Tgt Ion:136 Resp: 639237

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	6.6	9.8
68	6.2	5.0	7.4



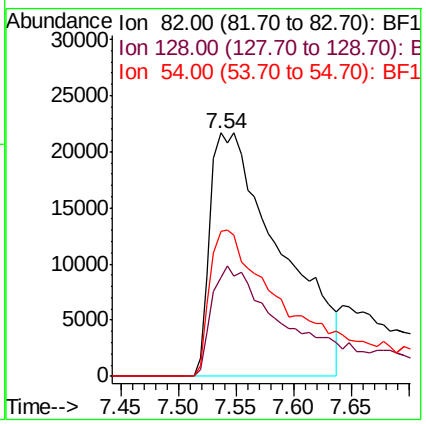


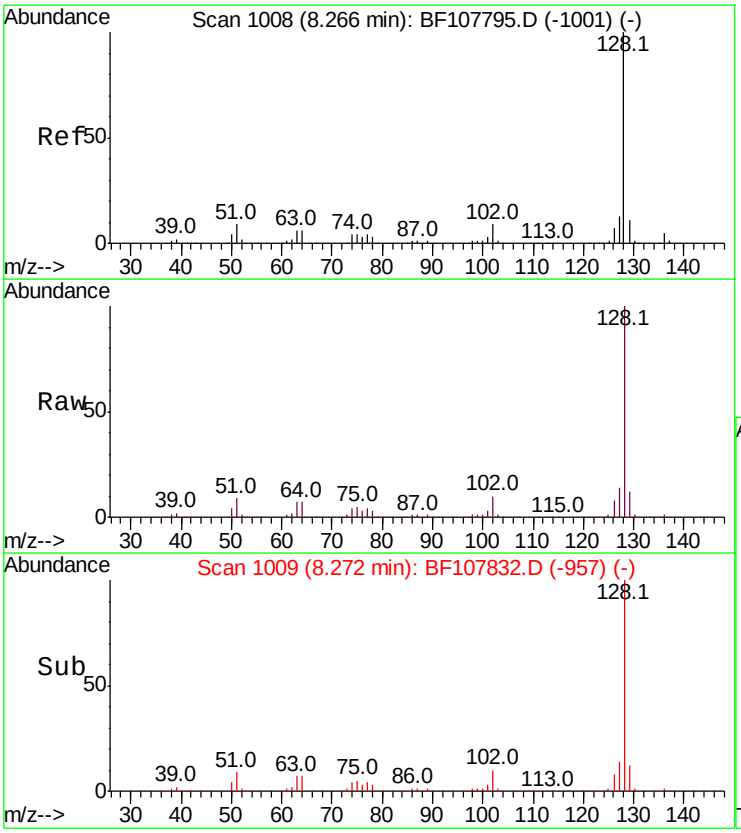
#23
Nitrobenzene-d5
Concen: 8.329 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tgt Ion: 82 Resp: 92421

Ion	Ratio	Lower	Upper
82	100		
128	40.7	36.1	54.1
54	59.5	41.4	62.2

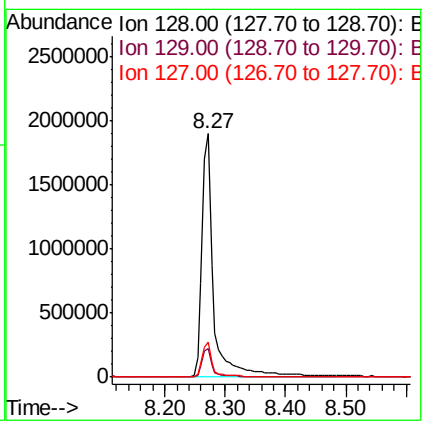


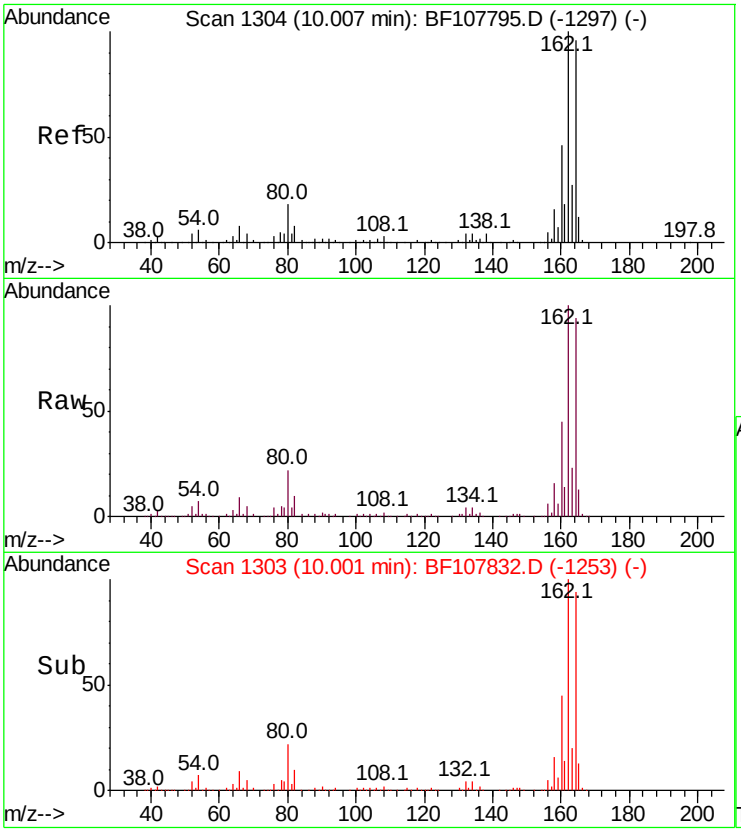


#31
Naphthalene
Concen: 86.443 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Tgt Ion:128 Resp: 2568602

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	14.4	10.9	16.3



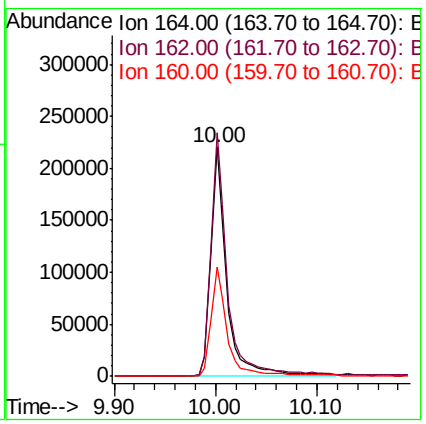


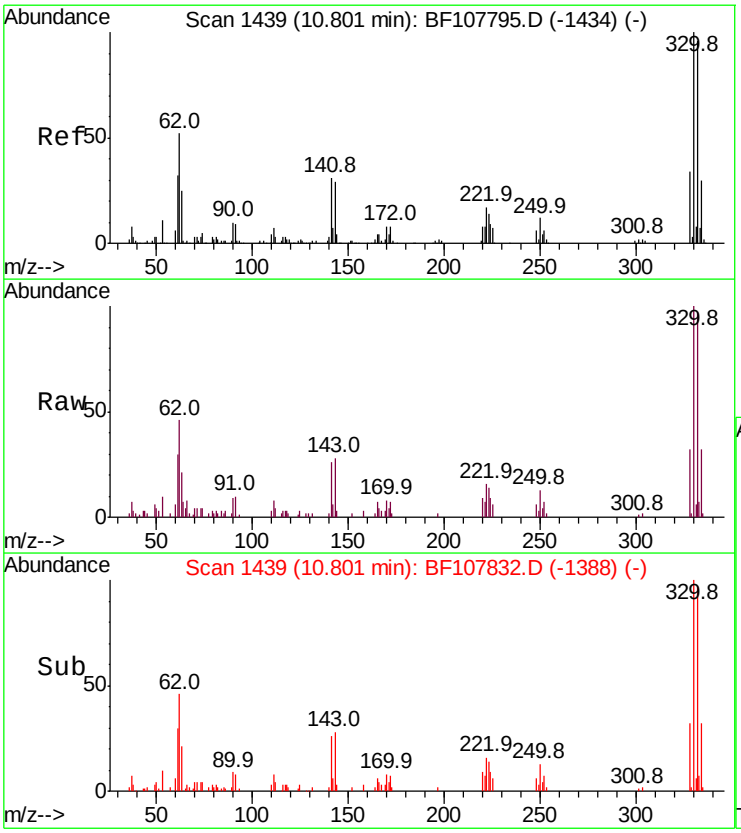
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tgt Ion:164 Resp: 242843

Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	47.8	38.3	57.5

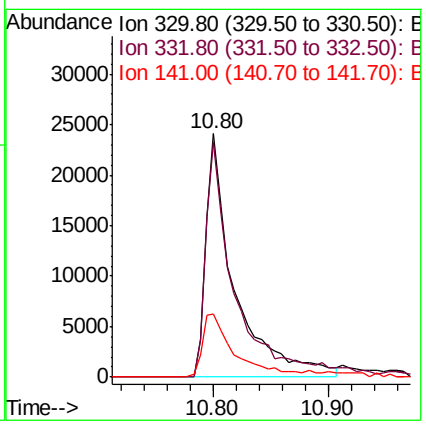


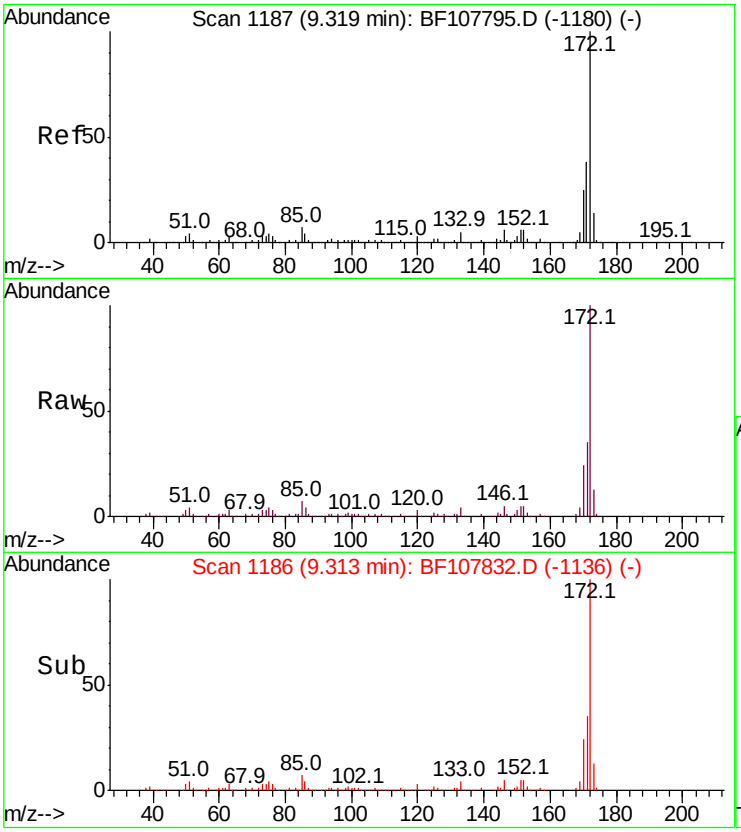


#41
2,4,6-Tribromophenol
Concen: 12.607 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Tgt Ion:330 Resp: 41599

Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.0	115.6
141	29.6	29.9	44.9#



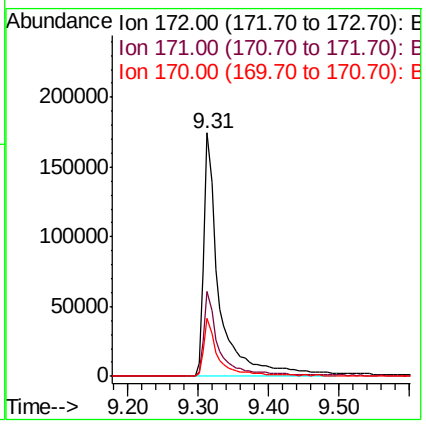


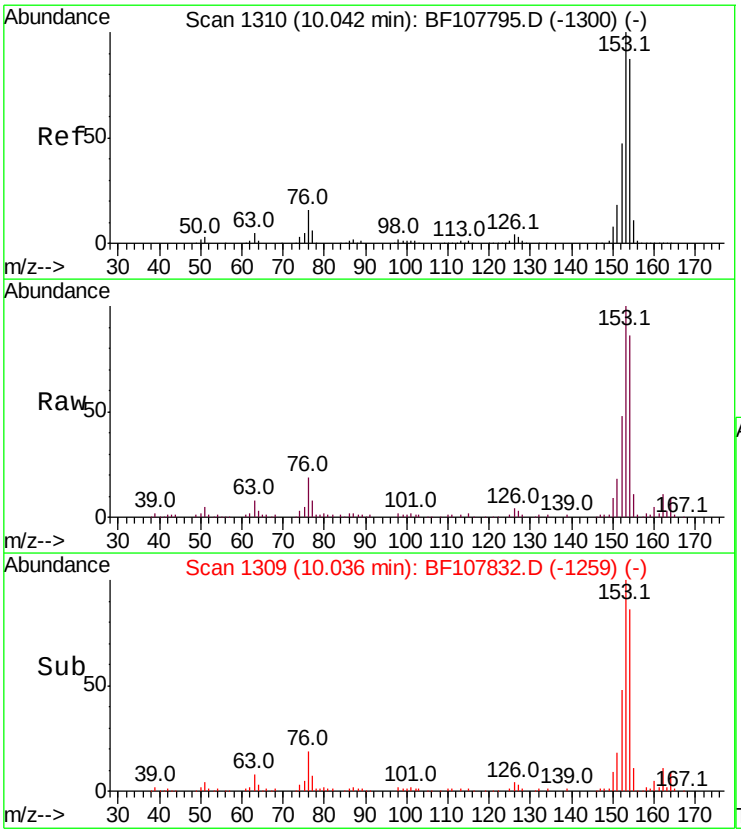
#44
2-Fluorobiphenyl
Concen: 15.502 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tgt Ion:172 Resp: 270150

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.7	19.6	29.4

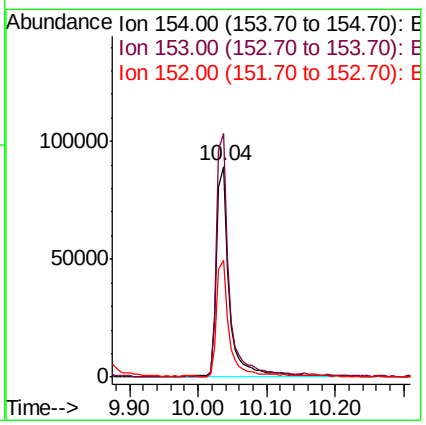


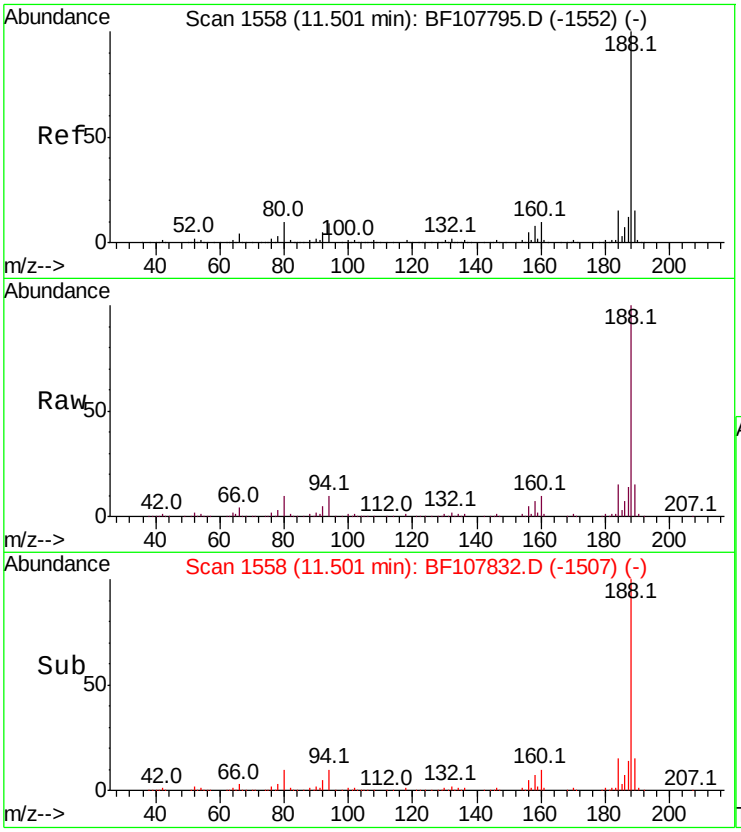


#51
Acenaphthene
Concen: 7.687 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Tgt Ion:154 Resp: 115372

Ion	Ratio	Lower	Upper
154	100		
153	115.6	91.2	136.8
152	55.7	43.8	65.8



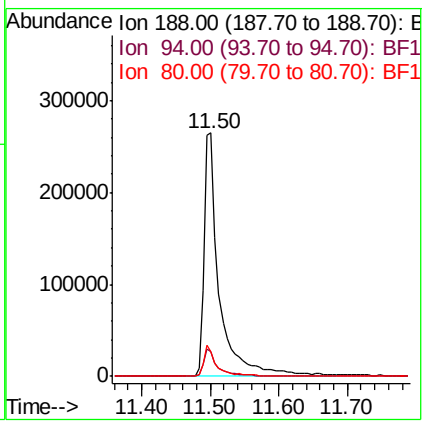


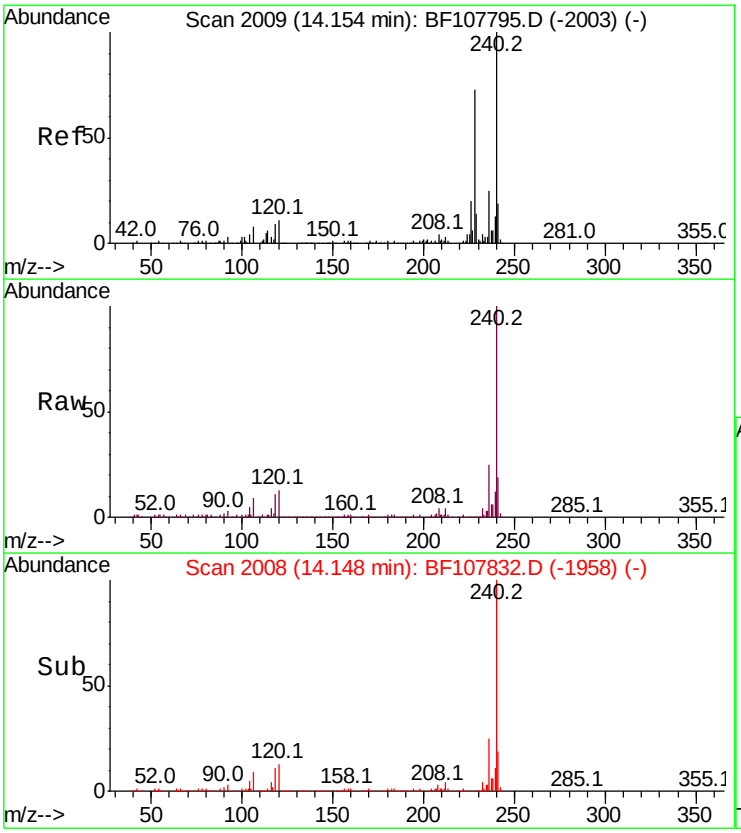
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tgt Ion:188 Resp: 419354

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.2	9.2	13.8

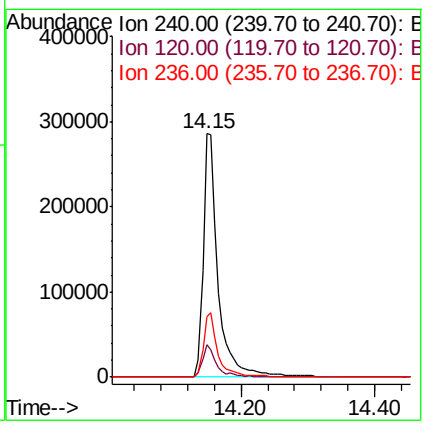


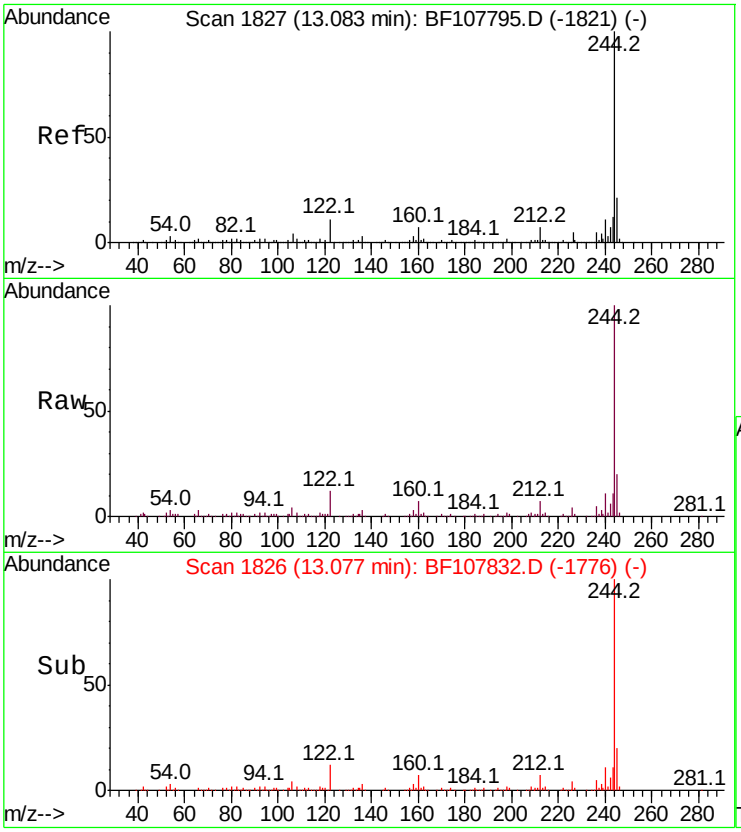


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Tgt Ion:240 Resp: 440901

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.0	20.7	31.1



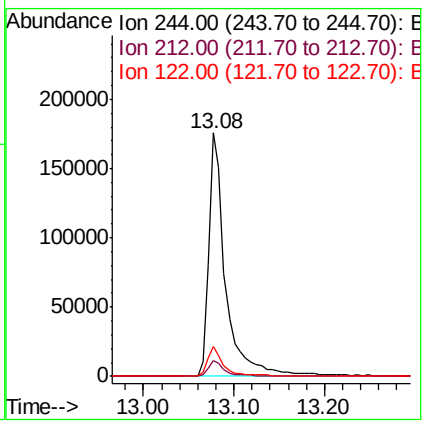


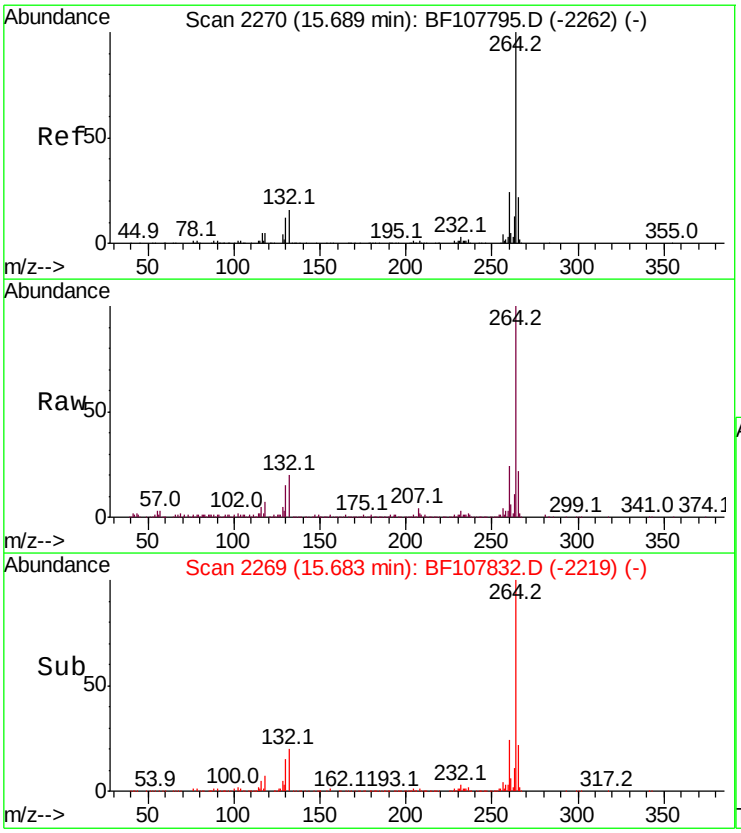
#78
Terphenyl-d14
Concen: 11.282 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tgt Ion:244 Resp: 229386

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Tgt Ion:264 Resp: 359053

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	17.5	26.3