Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108505.D
Acq On : 27 Aug 2018 12:55
Operator : JU/SJ
Sample : J4273-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 27 14:03:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	119409	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	474287	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	227237	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	363452	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	300079	20.00	ng		-0.01
86) Perylene-d12	15.75	264	265855	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	91572	13.88	ng		-0.01
7) Phenol-d6	6.61	99	124396	14.19	ng		-0.02
23) Nitrobenzene-d5	7.55	82	79848	9.39	ng		-0.02
41) 2,4,6-Tribromophenol	10.84	330	26265	11.59	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	166466	11.76	ng		-0.01
78) Terphenyl-d14	13.12	244	126304	10.70	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.55	82	79847	4.929	ng	#	65
49) Dimethylphthalate	9.74	163	51570	3.258	ng	#	97
56) 2,4-Dinitrotoluene	10.04	165	29419	6.901	ng	#	23
74) Fluoranthene	12.76	202	52911	2.828	ng		93
77) Pyrene	12.99	202	57509	3.027	ng		100
82) Chrysene	14.18	228	32106	2.034	ng		96
87) Benzo(b)fluoranthene	15.28	252	55217	3.476	ng	#	89
88) Benzo(k)fluoranthene	15.28	252	55217	3.781	ng	#	92
89) Benzo(a)pyrene	15.68	252	29202	2.053	ng	#	90

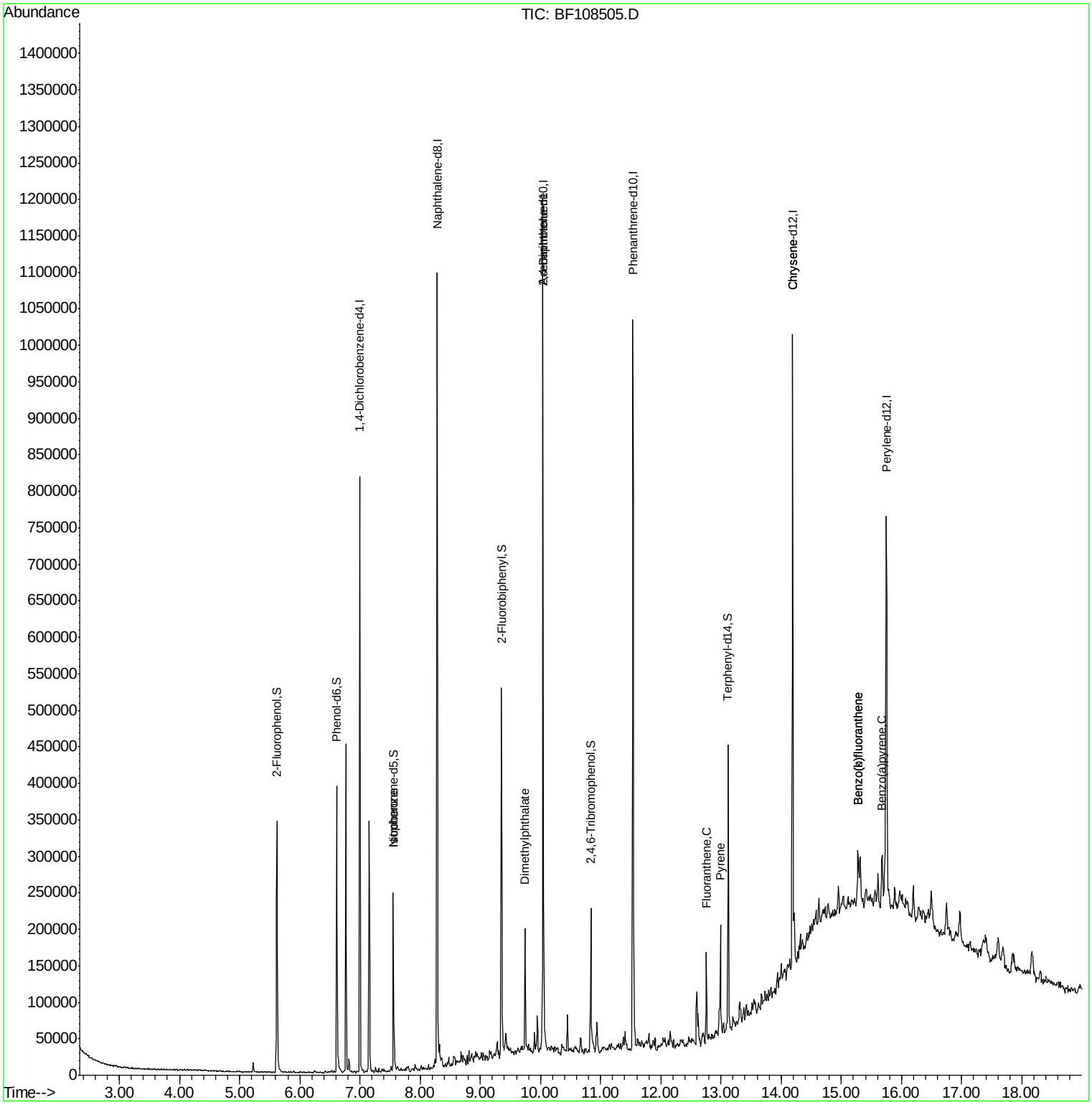
(#) = qualifier out of range (m) = manual integration (+) = signals summed

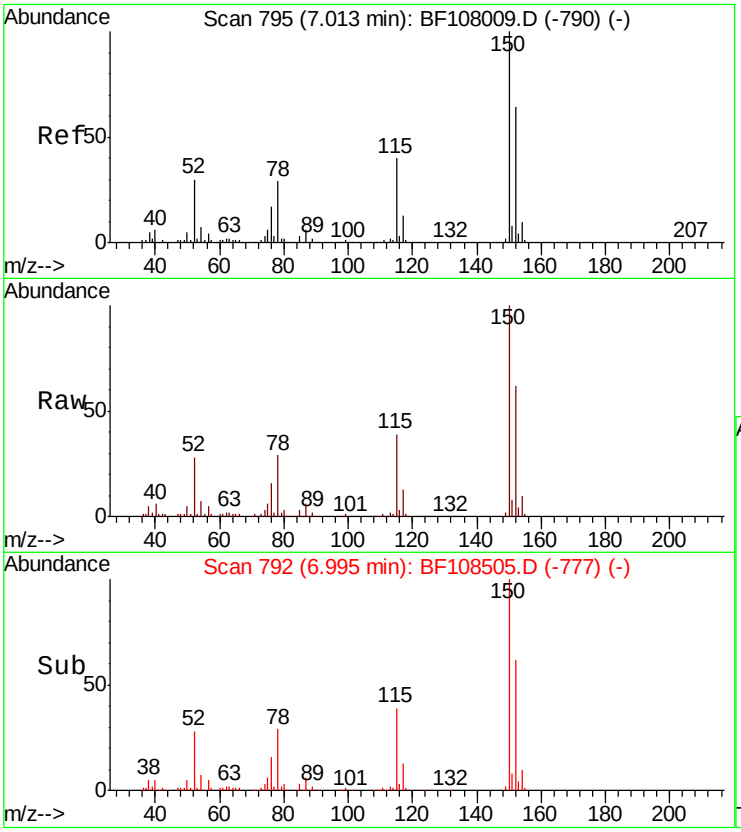
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108505.D
Acq On : 27 Aug 2018 12:55
Operator : JU/SJ
Sample : J4273-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 27 14:03:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration



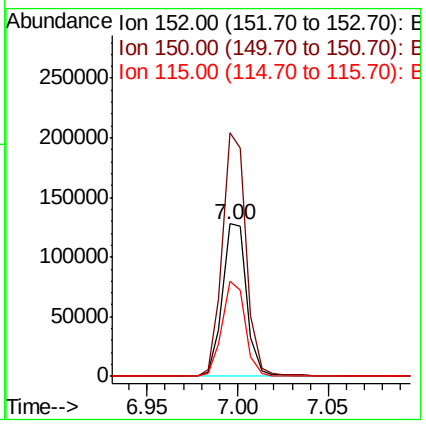


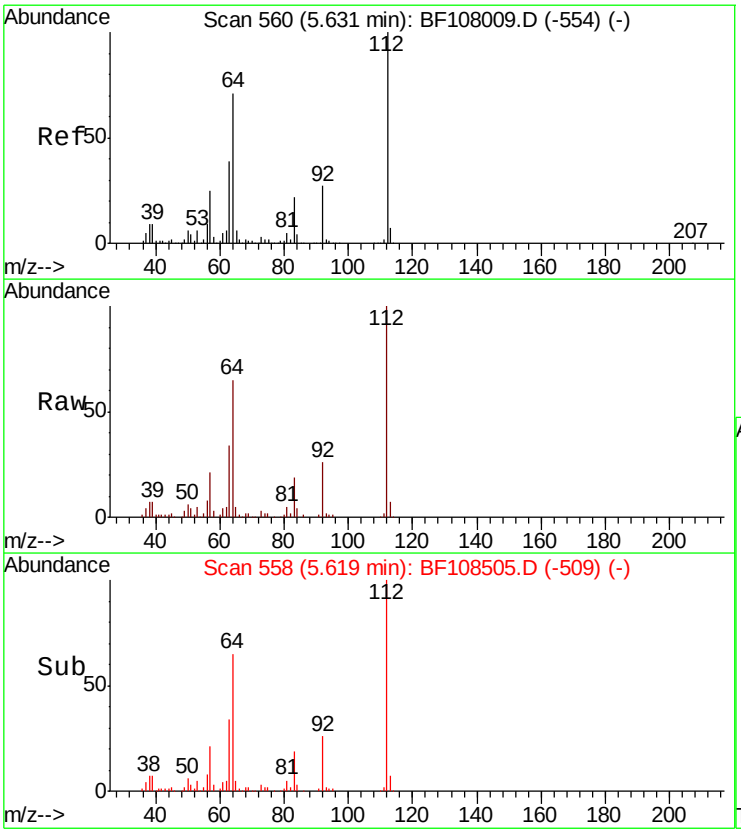
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 119409

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	62.6	50.1	75.1

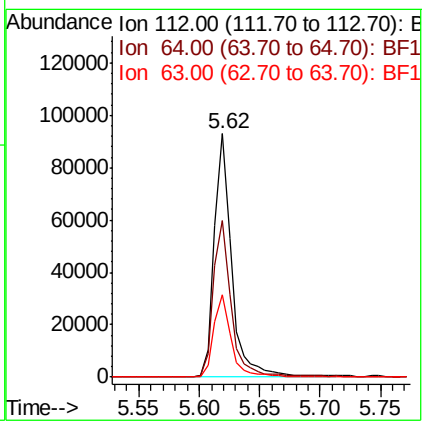


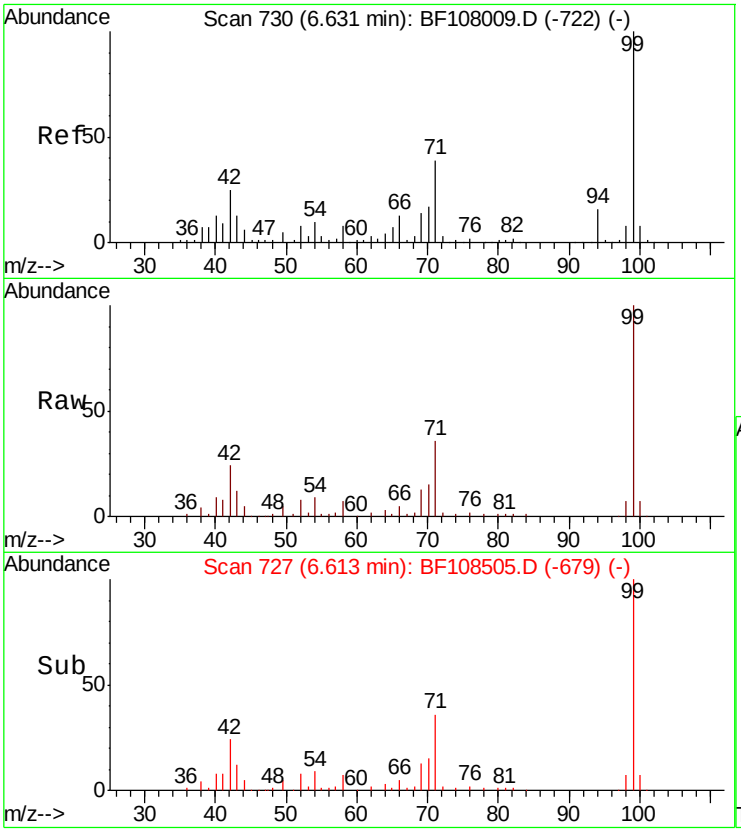


#5
2-Fluorophenol
Concen: 13.884 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Tgt Ion:112 Resp: 91572

Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	33.7	23.7	35.5



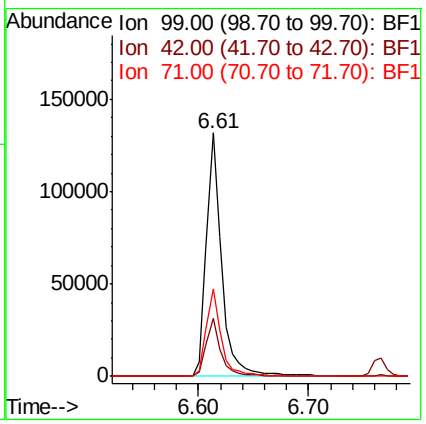


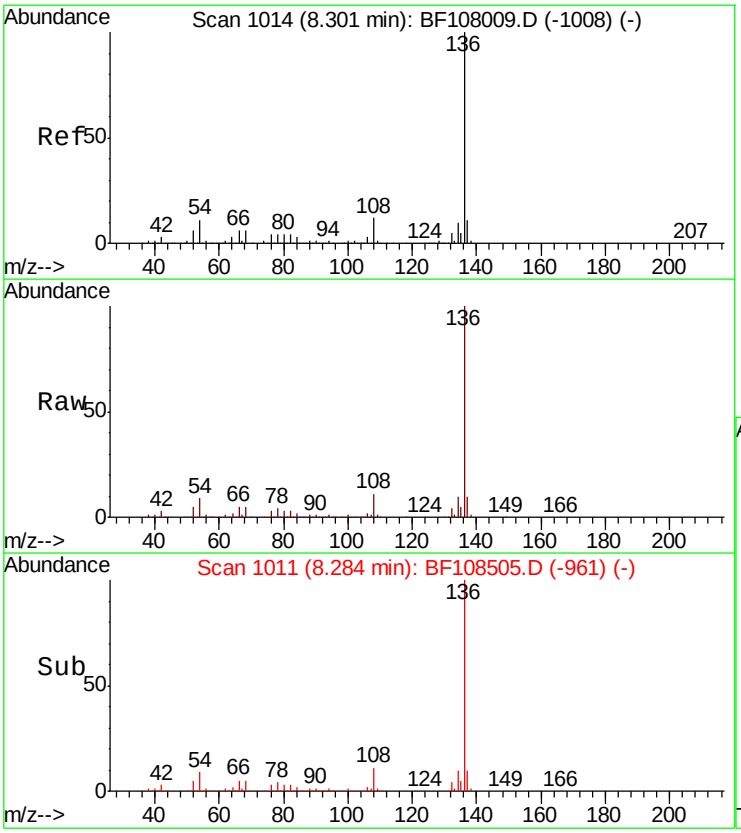
#7
Phenol-d6
Concen: 14.193 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 124396

Ion	Ratio	Lower	Upper
99	100		
42	23.6	14.5	21.7#
71	35.7	25.4	38.0

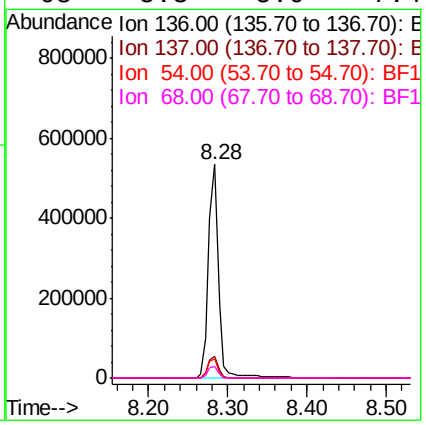


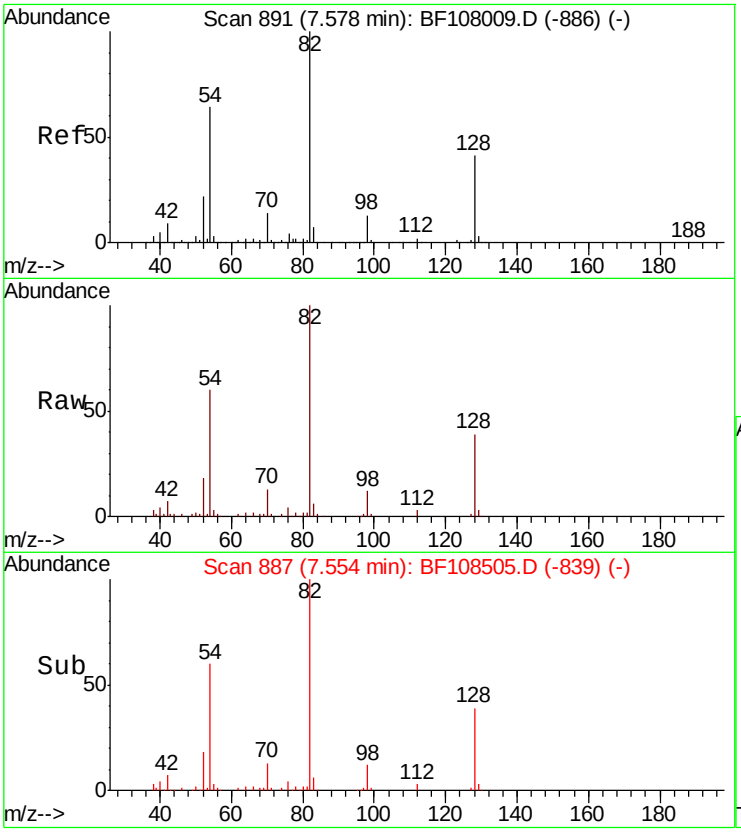


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Tgt Ion:136 Resp: 474287

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.9	6.6	9.8
68	5.3	5.0	7.4



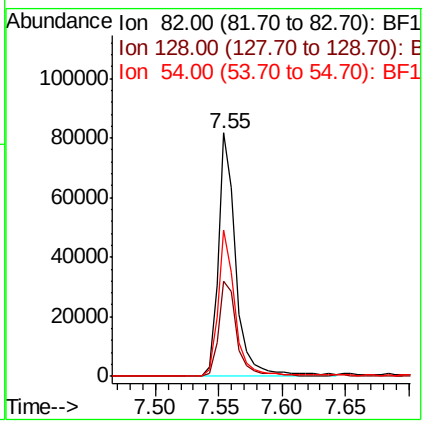


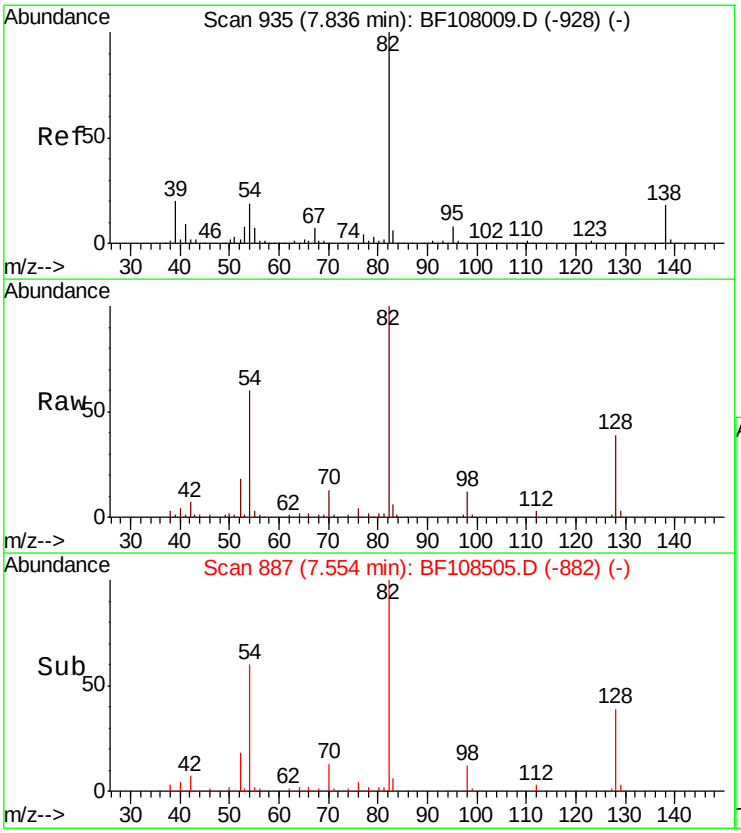
#23
Nitrobenzene-d5
Concen: 9.394 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 79848

Ion	Ratio	Lower	Upper
82	100		
128	39.3	36.1	54.1
54	59.9	41.4	62.2

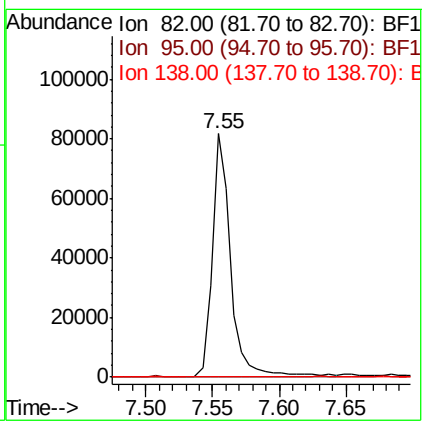


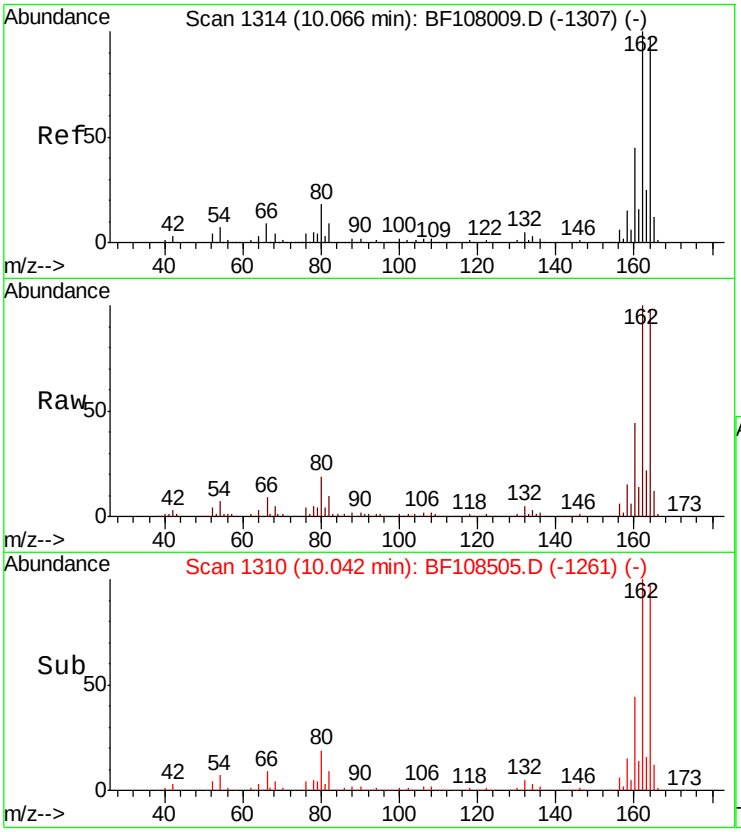


#25
Isophorone
Concen: 4.929 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.27 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Tgt Ion: 82 Resp: 79847

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.2	7.8#
138	0.0	14.9	22.3#



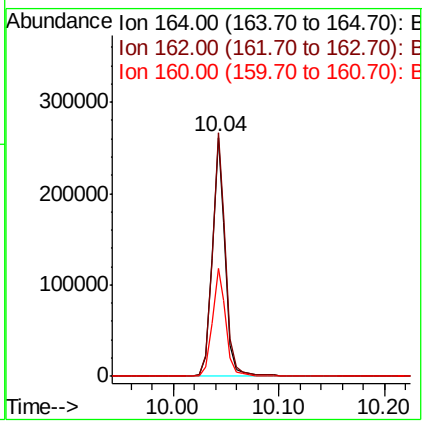


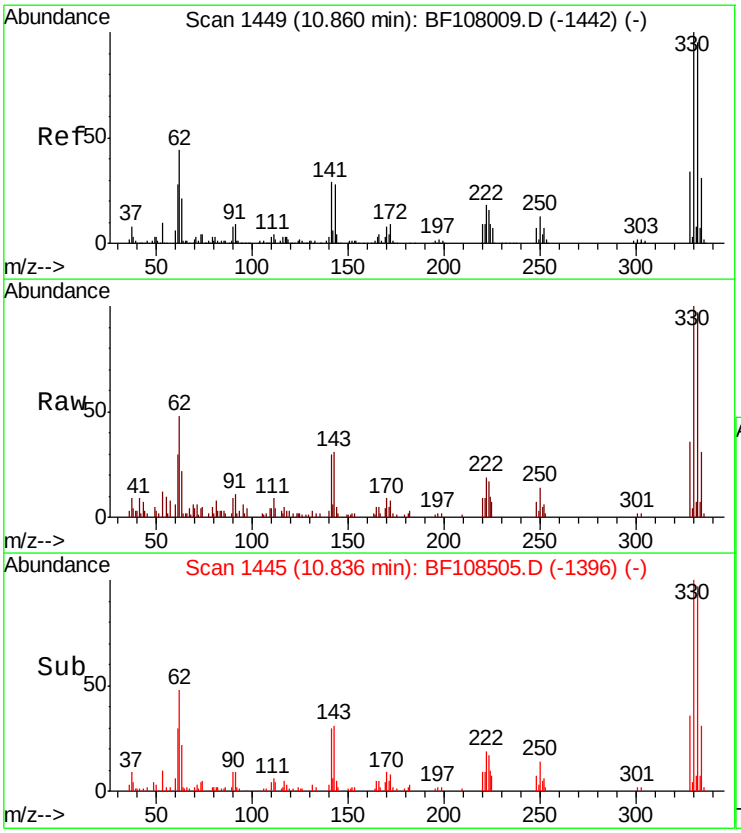
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 227237

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	45.1	38.3	57.5

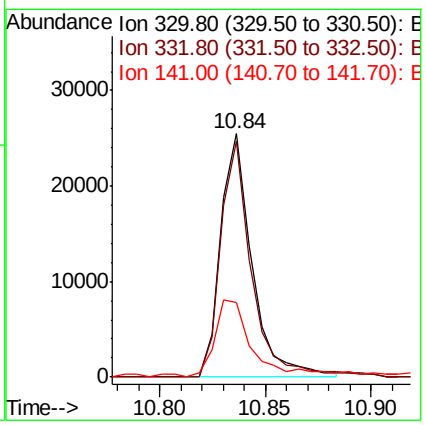


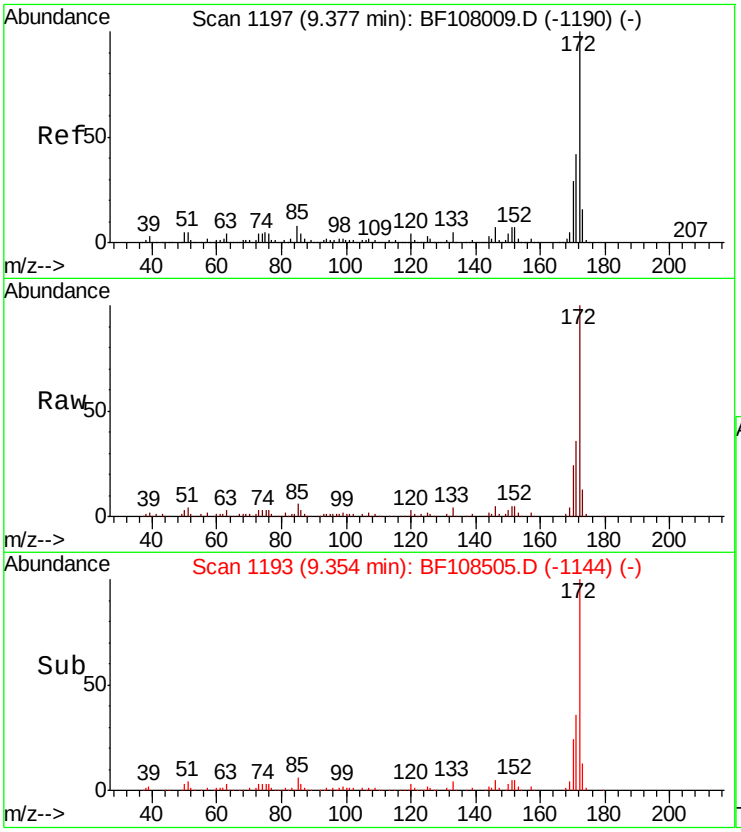


#41
2,4,6-Tribromophenol
Concen: 11.588 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Tgt Ion:330 Resp: 26265

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	41.2	29.9	44.9



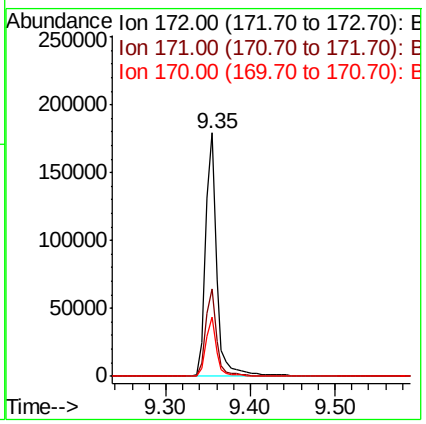


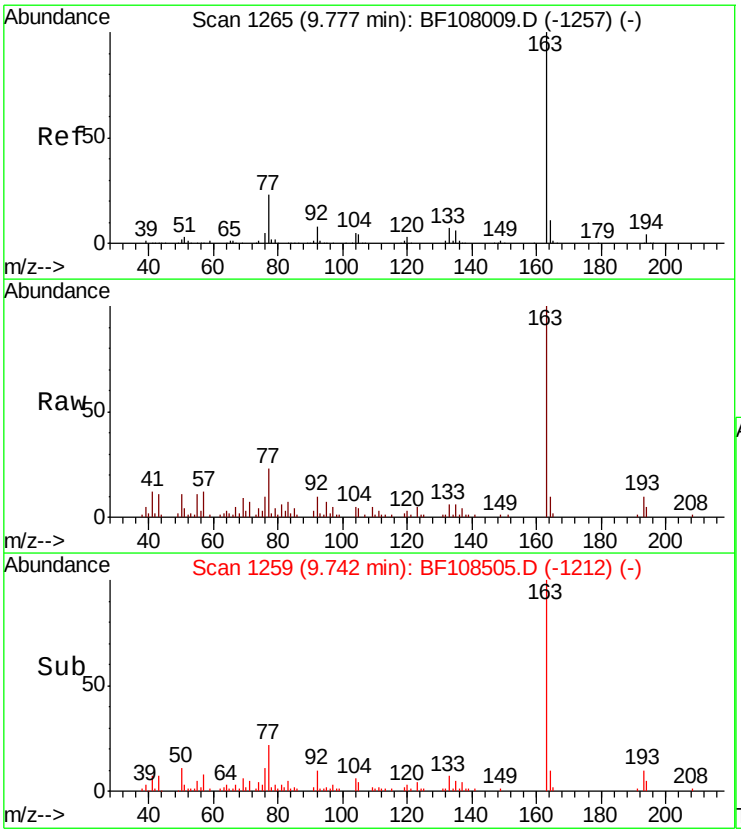
#44
2-Fluorobiphenyl
Concen: 11.761 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 166466

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4

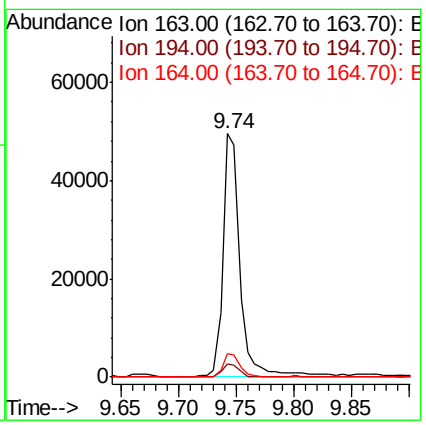


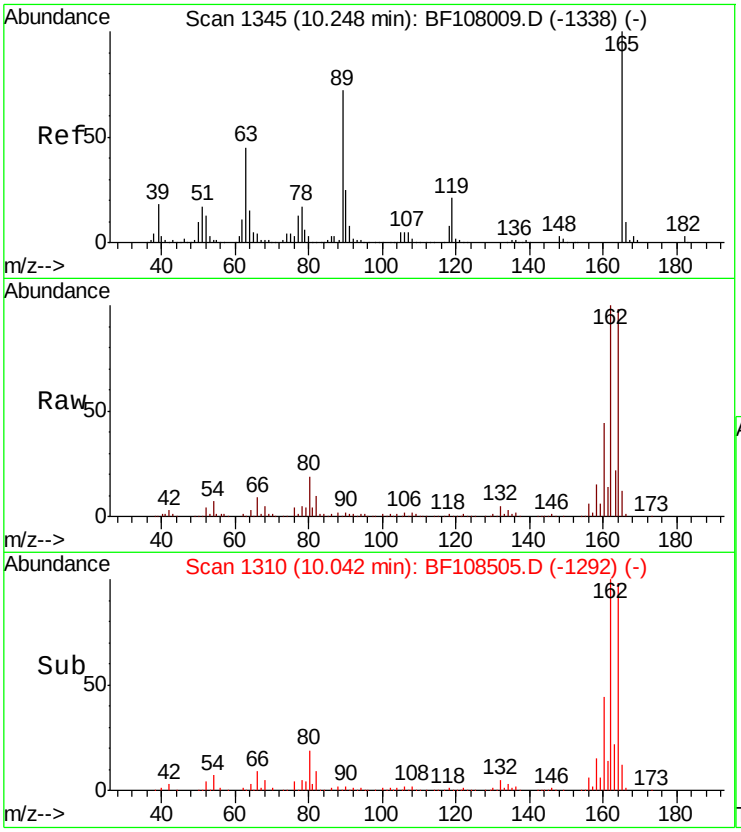


#49
Dimethylphthalate
Concen: 3.258 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Tgt Ion:163 Resp: 51570

Ion	Ratio	Lower	Upper
163	100		
194	5.4	2.7	4.1#
164	9.6	8.2	12.2



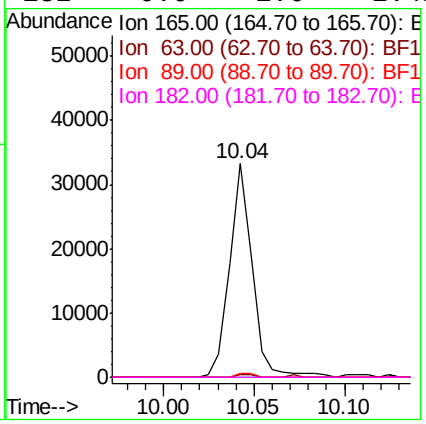


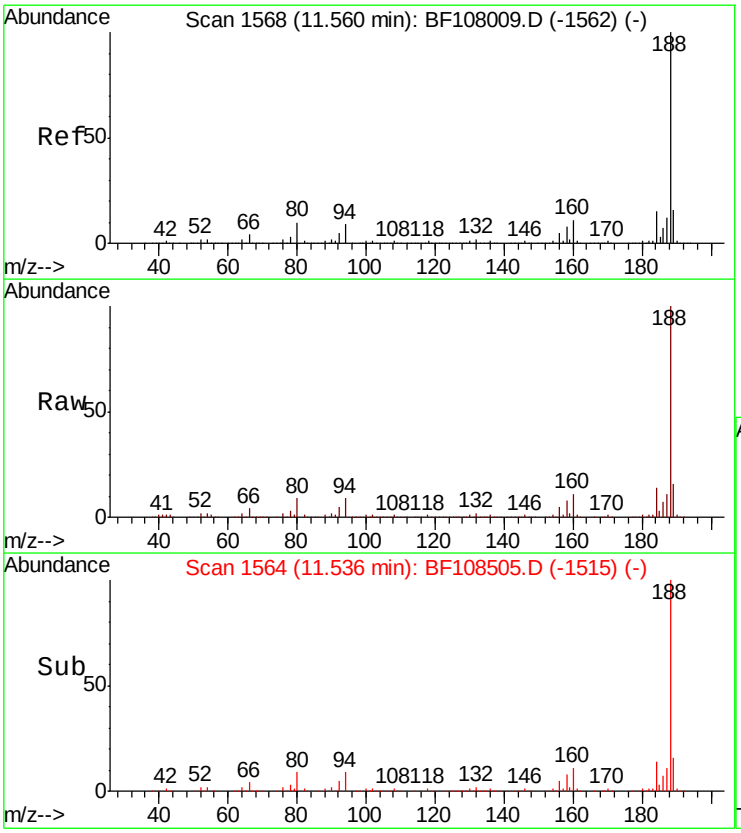
#56
2,4-Dinitrotoluene
Concen: 6.901 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29419

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

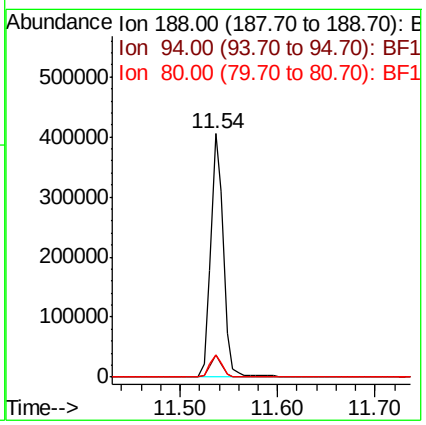


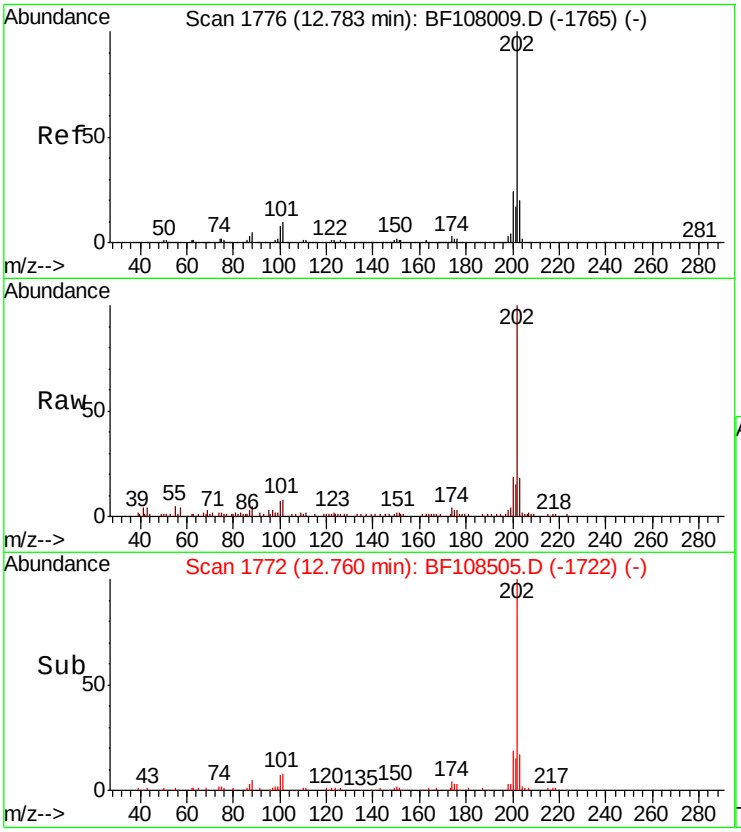


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Tgt Ion:188 Resp: 363452

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.3	9.2	13.8



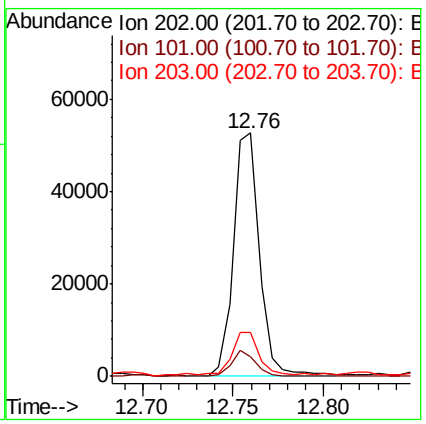


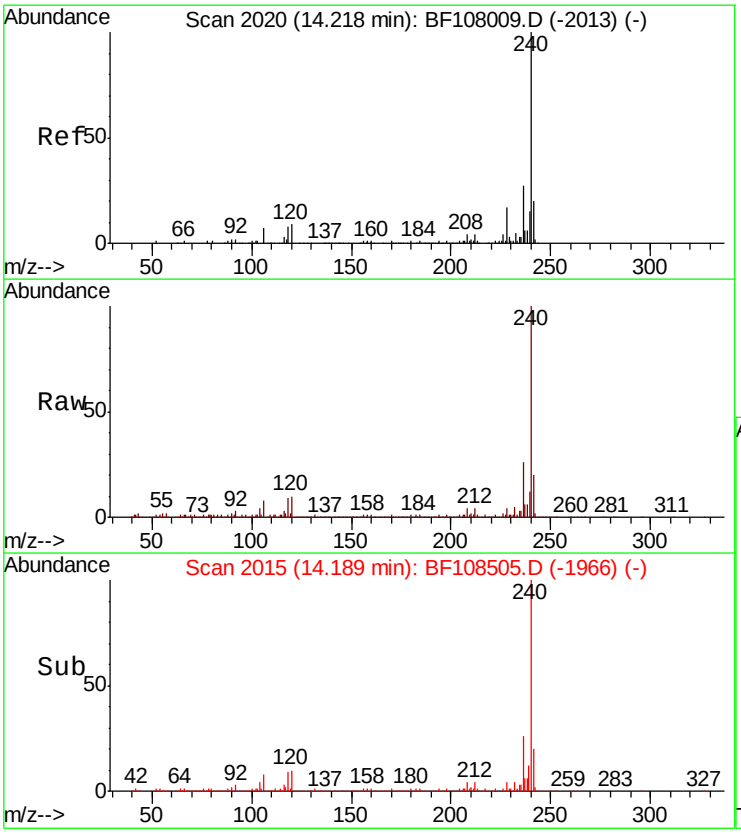
#74
Fluoranthene
Concen: 2.828 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 52911

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	34.1
203	17.9	0.0	38.1

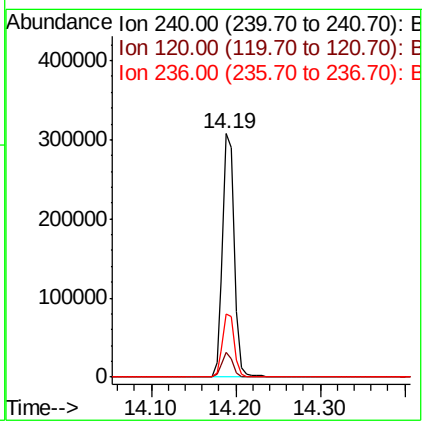


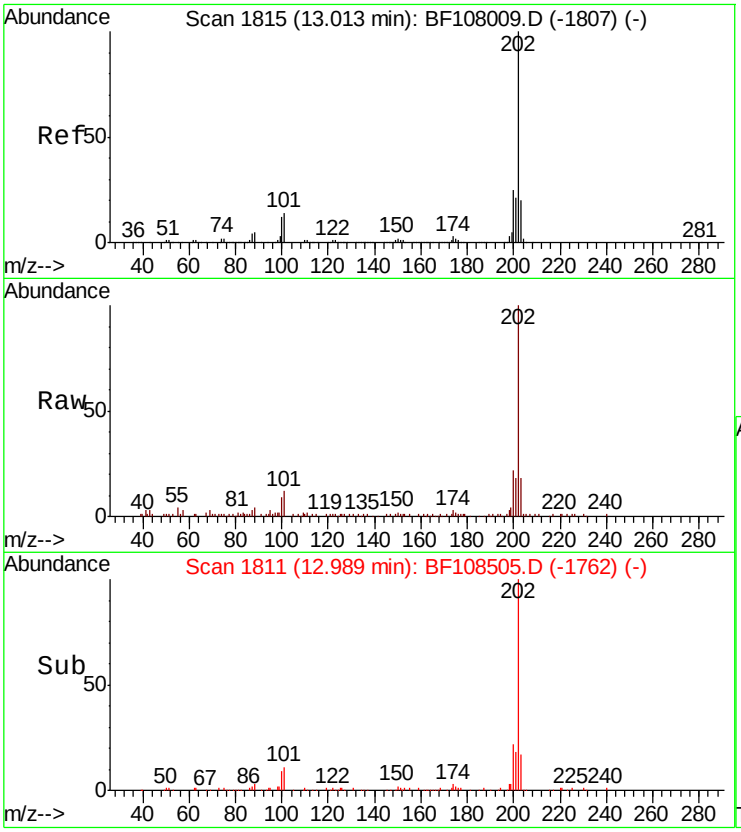


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Tgt Ion:240 Resp: 300079

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.1	20.7	31.1



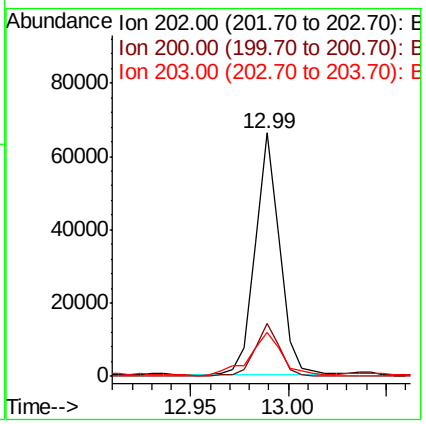


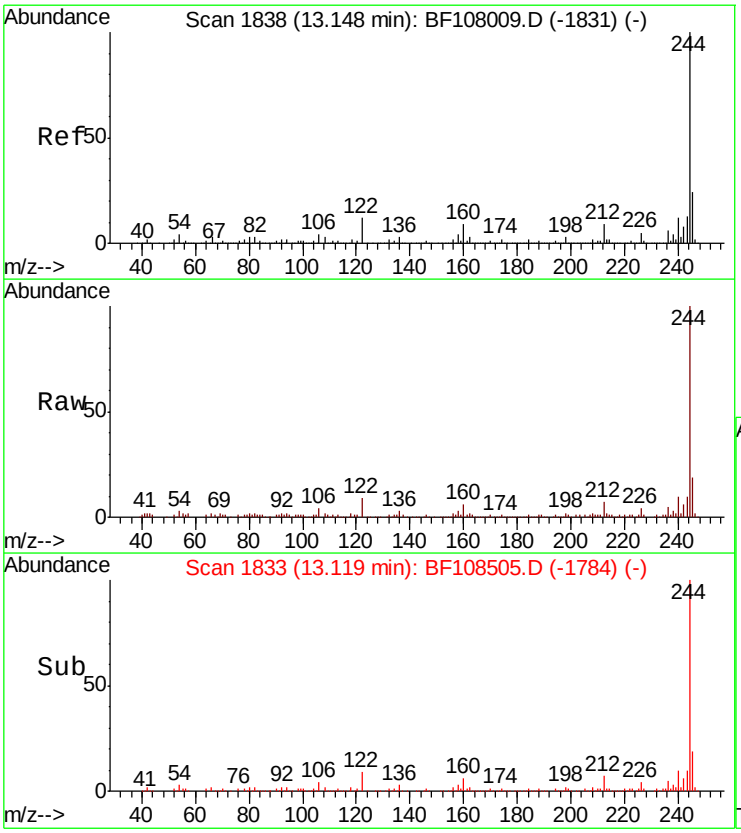
#77
Pyrene
Concen: 3.027 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 57509

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.0	14.3	21.5

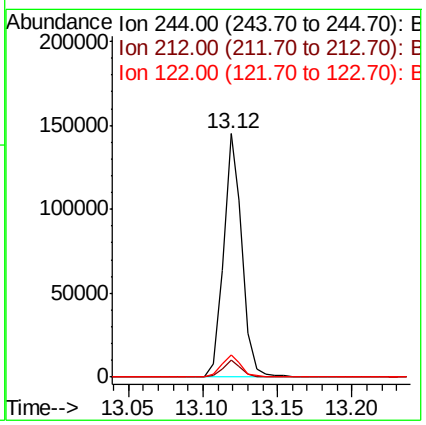


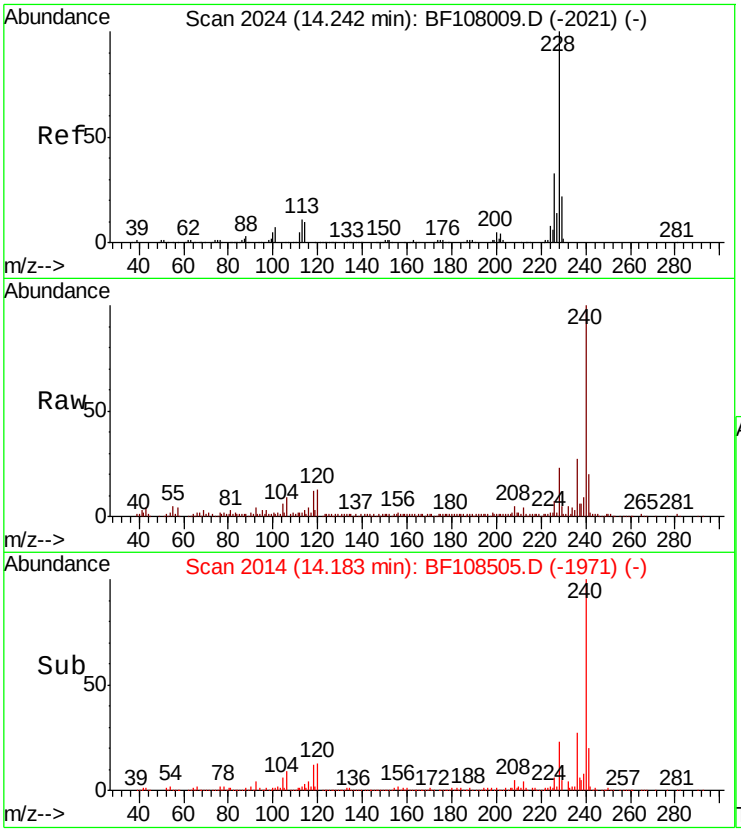


#78
Terphenyl-d14
Concen: 10.702 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Tgt Ion:244 Resp: 126304

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.0	11.0	16.4#



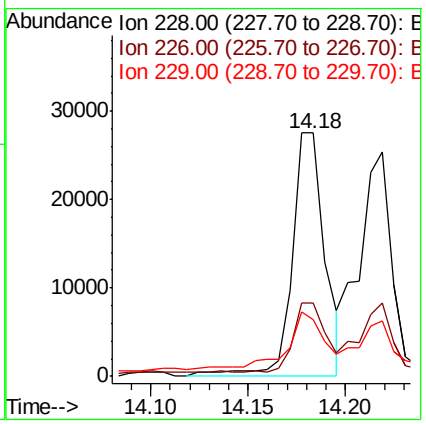


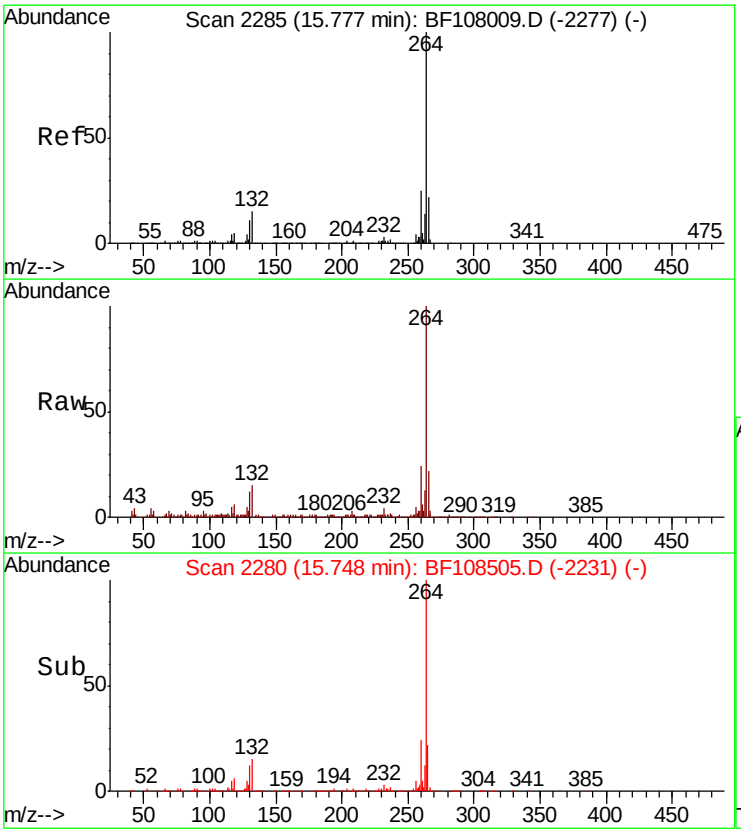
#82
Chrysene
Concen: 2.034 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.05 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 32106

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	23.4	16.2	24.4

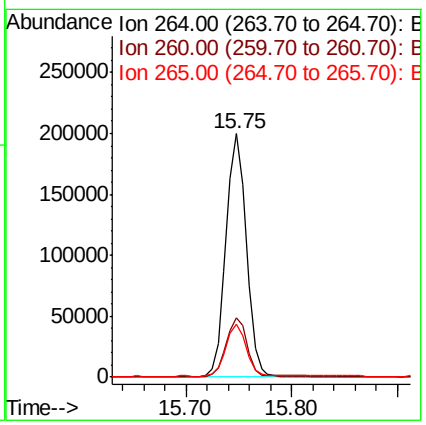


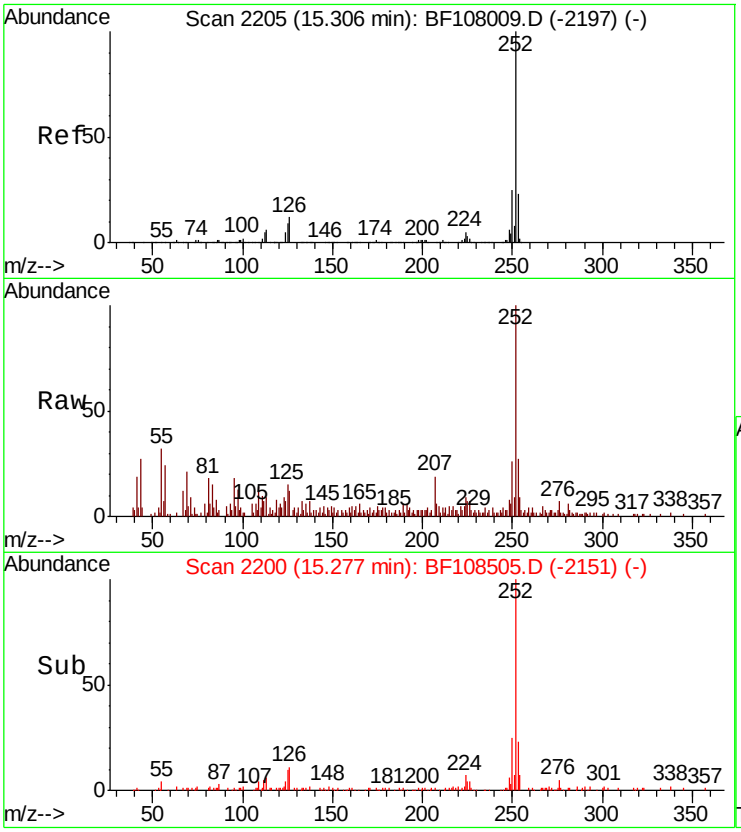


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Tgt Ion:264 Resp: 265855

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.9	17.5	26.3



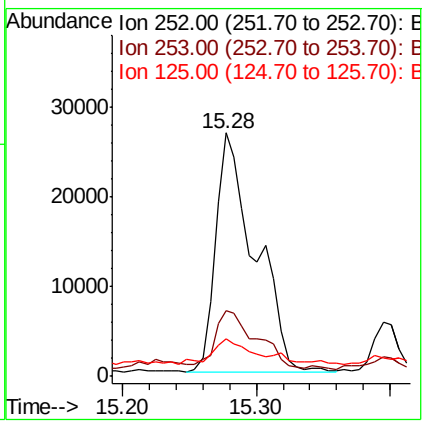


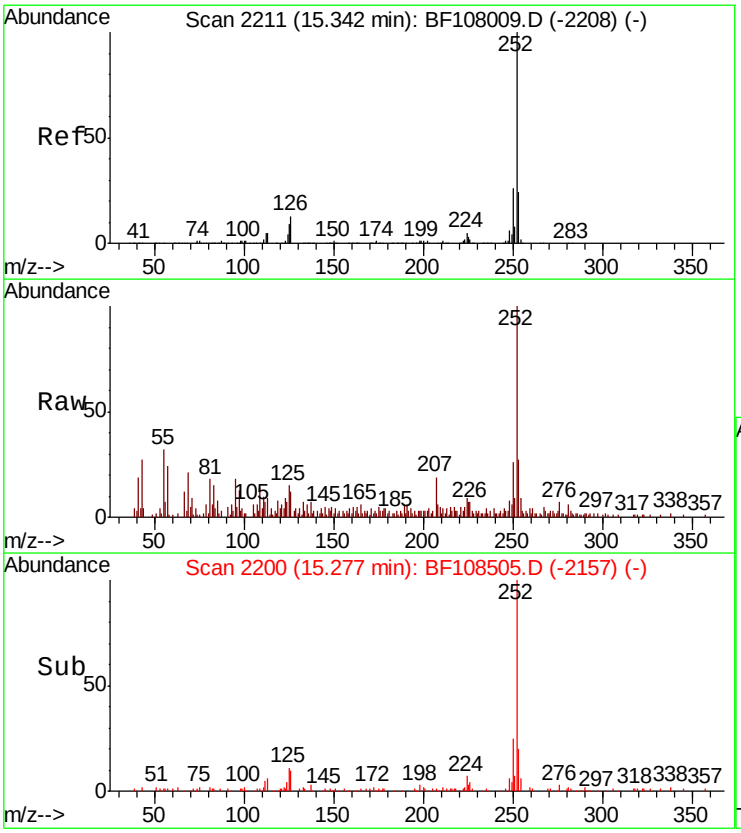
#87
Benzo(b)fluoranthene
Concen: 3.476 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55217

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.0	25.6#
125	15.2	9.0	13.6#

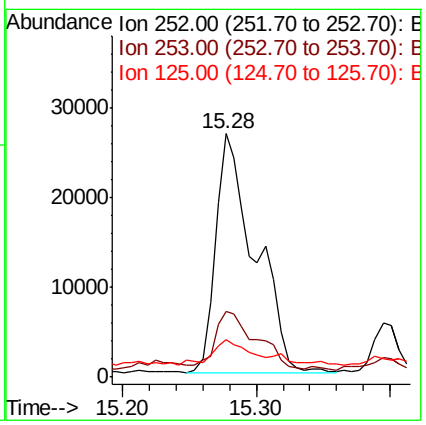


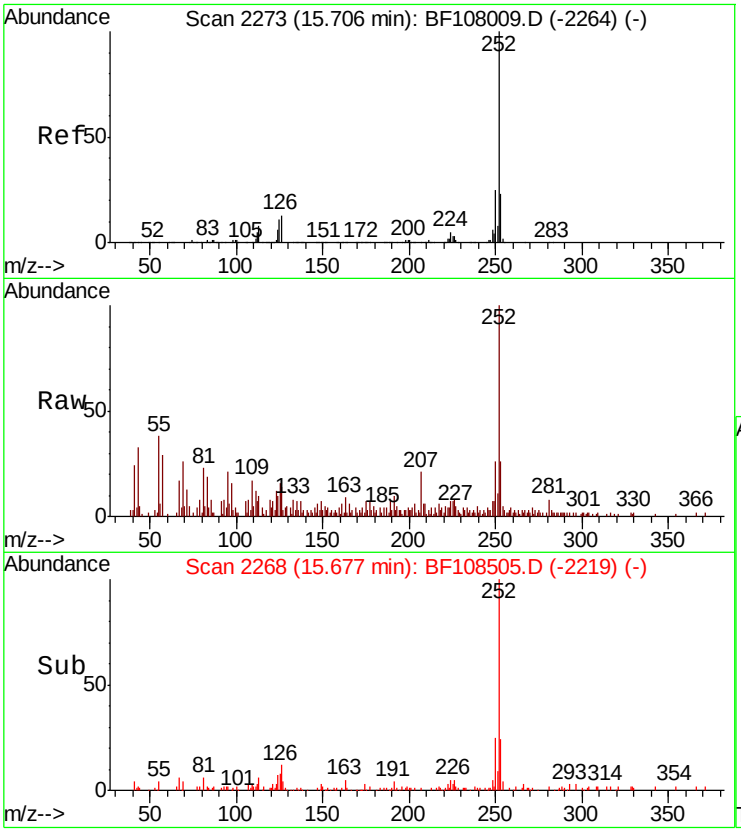


#88
Benzo(k)fluoranthene
Concen: 3.781 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.05 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Tgt Ion:252 Resp: 55217

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.9	26.9#
125	15.2	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.053 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 29202

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.1	25.7#
125	16.1	9.8	14.6#