Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108399.D
Acq On : 22 Aug 2018 22:33
Operator : JU/SJ
Sample : J4573-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 23 02:17:50 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	154256	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	583325	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	268839	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	439454	20.00	ng		0.00
75) Chrysene-d12	14.19	240	302337	20.00	ng		0.00
86) Perylene-d12	15.75	264	260687	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	129572	15.21	ng		-0.01
7) Phenol-d6	6.61	99	176921	15.63	ng		-0.02
23) Nitrobenzene-d5	7.56	82	107201	10.25	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	28585	10.66	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	186831	11.16	ng		-0.01
78) Terphenyl-d14	13.12	244	133694	11.24	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.56	82	107200	5.380	ng	#	64
50) 2,6-Dinitrotoluene	10.05	165	34495	8.804	ng	#	26
56) 2,4-Dinitrotoluene	10.05	165	34495	6.840	ng	#	23
74) Fluoranthene	12.76	202	45796	2.024	ng		94
77) Pyrene	12.99	202	85865	4.486	ng		97
85) Indeno(1,2,3-cd)pyrene	17.35	276	33501	2.431	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	72655	4.664	ng		95
88) Benzo(k)fluoranthene	15.28	252	72655	5.074	ng		96
89) Benzo(a)pyrene	15.61	252	44689	3.204	ng		98
91) Benzo(g,h,i)perylene	17.85	276	48442	4.263	ng	#	91

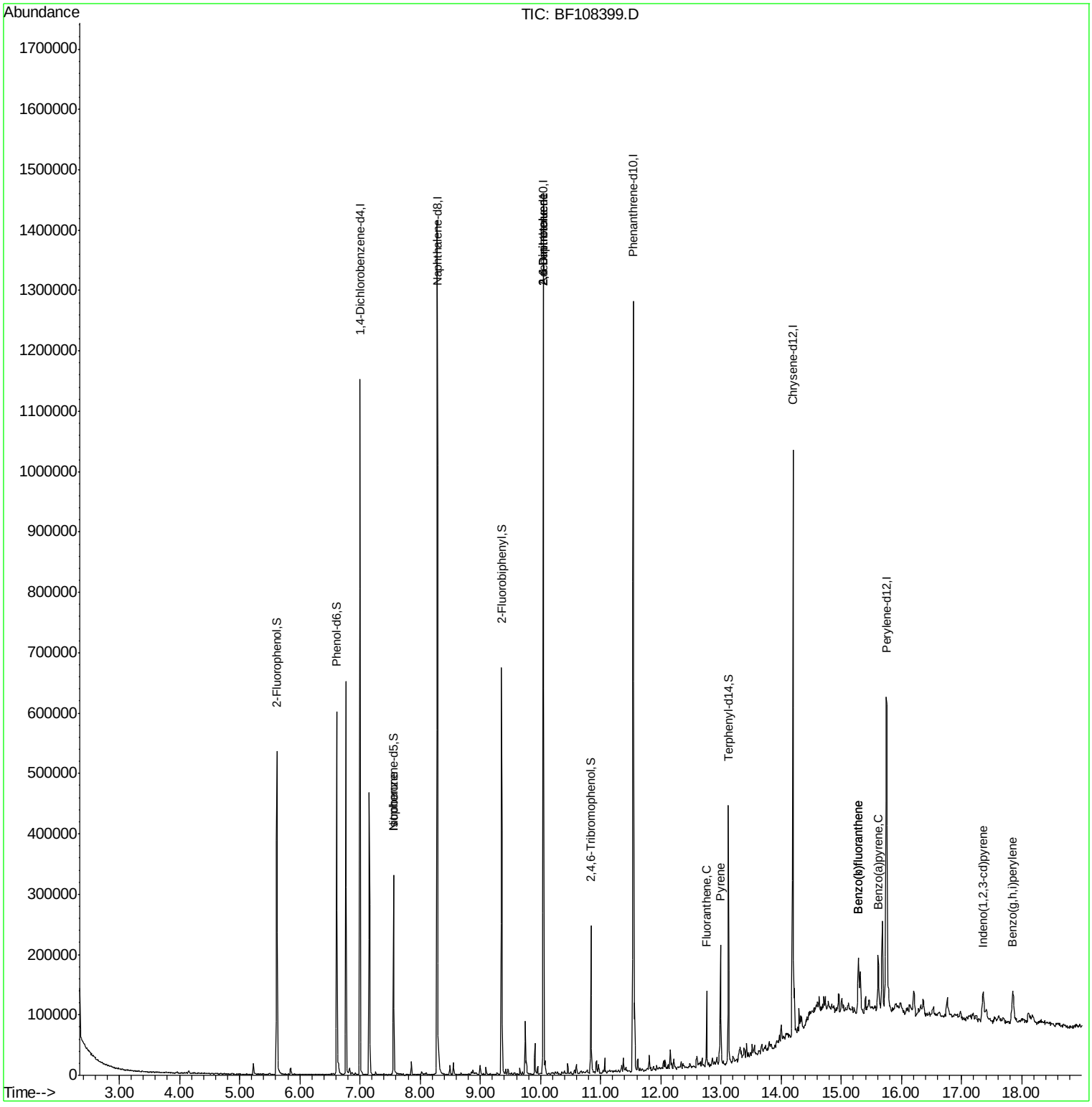
(#) = qualifier out of range (m) = manual integration (+) = signals summed

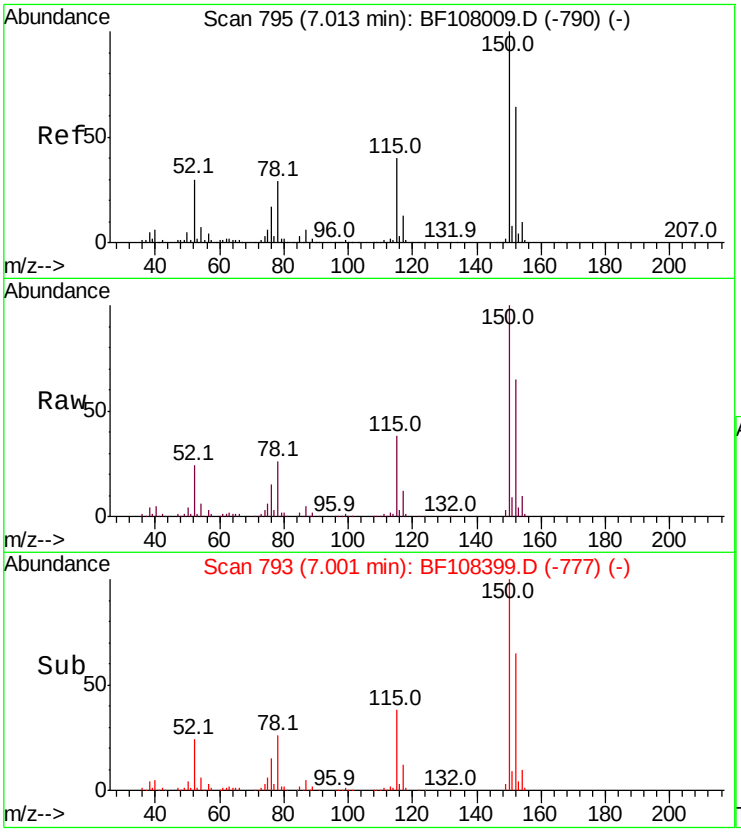
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108399.D
Acq On : 22 Aug 2018 22:33
Operator : JU/SJ
Sample : J4573-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 23 02:17:50 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



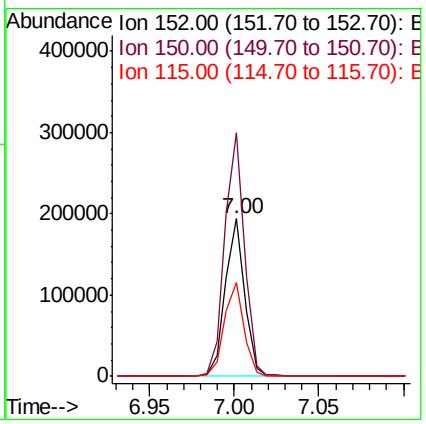


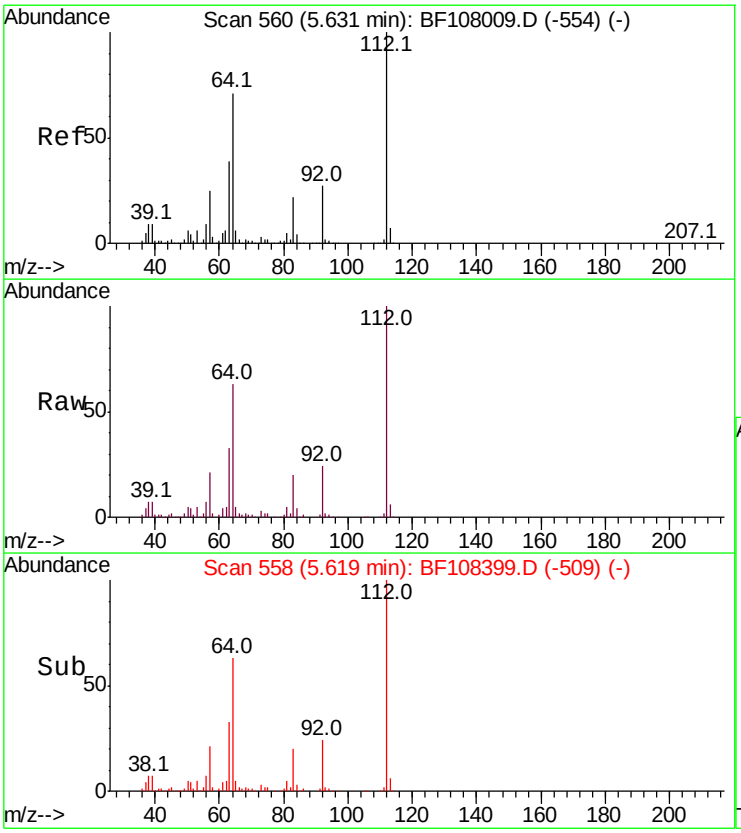
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 154256

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	59.5	50.1	75.1

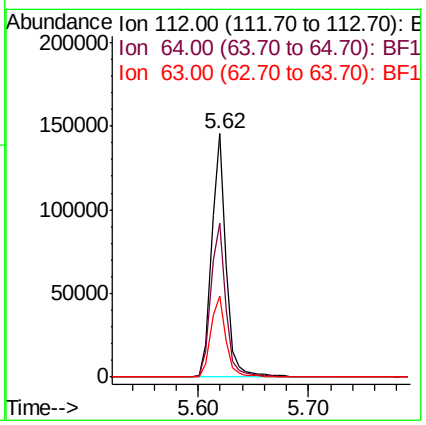


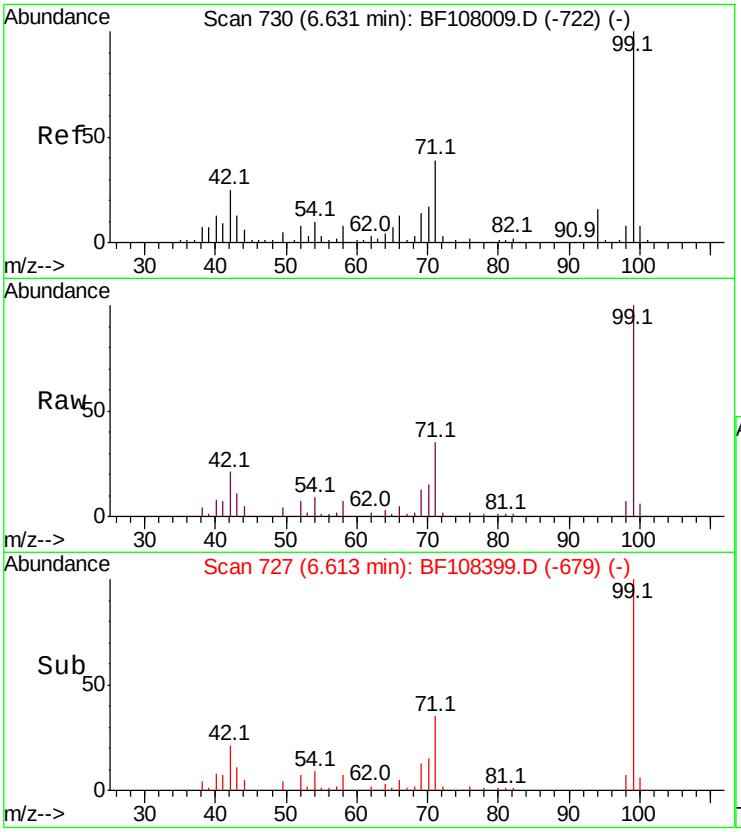


#5
2-Fluorophenol
Concen: 15.207 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion:112 Resp: 129572

Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.9	71.9
63	33.4	23.7	35.5

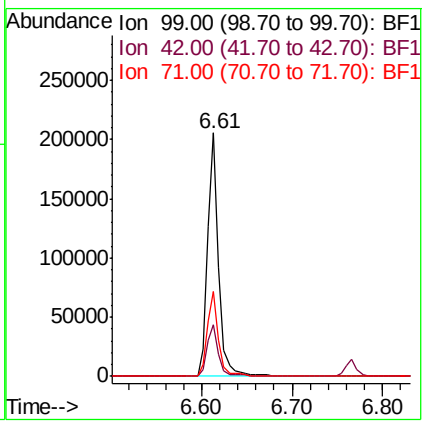




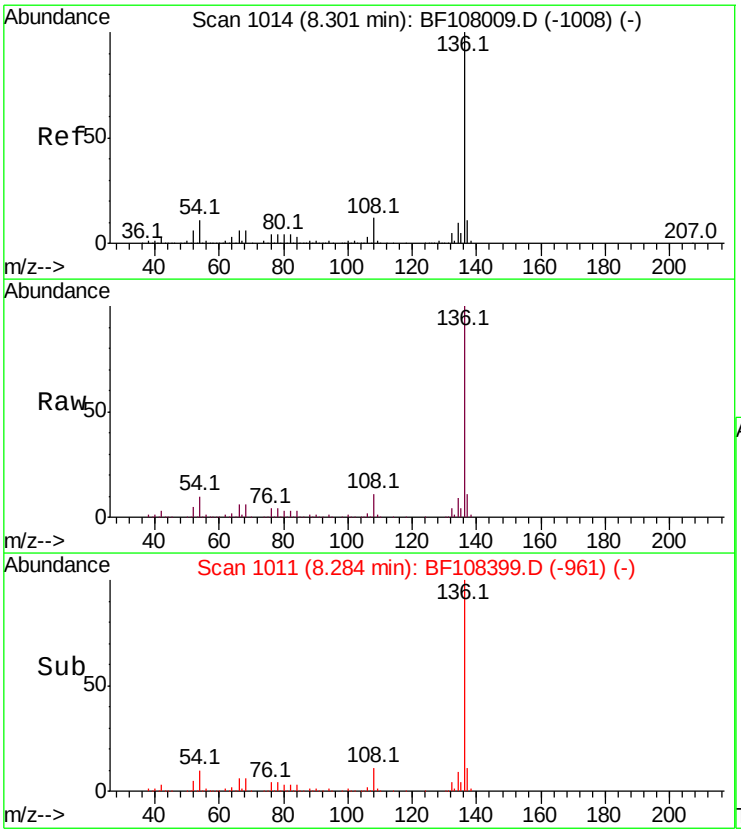
#7
Phenol-d6
Concen: 15.626 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion: 99 Resp: 176921

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	34.8	25.4	38.0



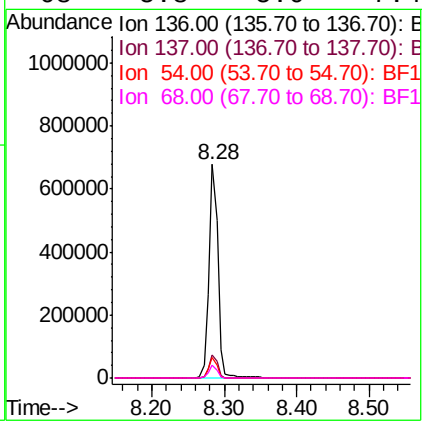
Instrument :
BNA_F
ClientSampleId :

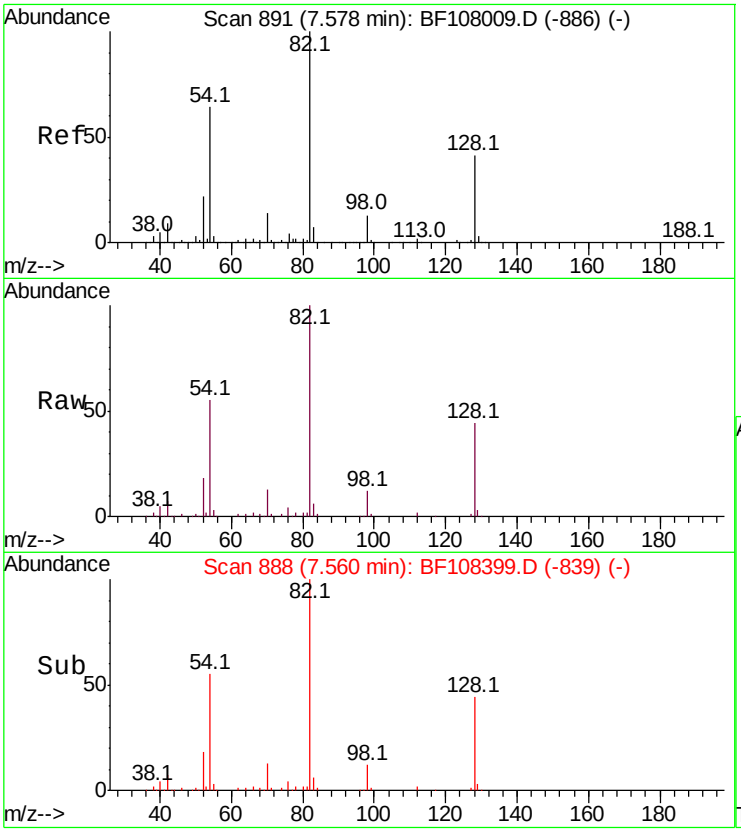


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion:136 Resp: 583325

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.8	6.6	9.8
68	5.8	5.0	7.4



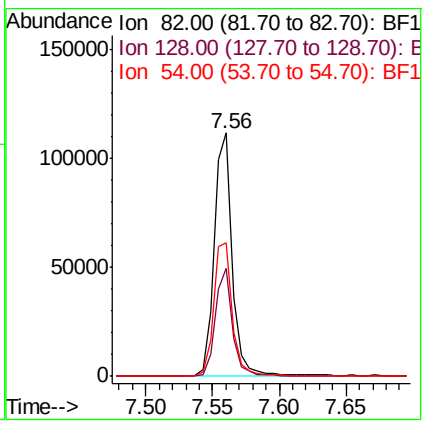


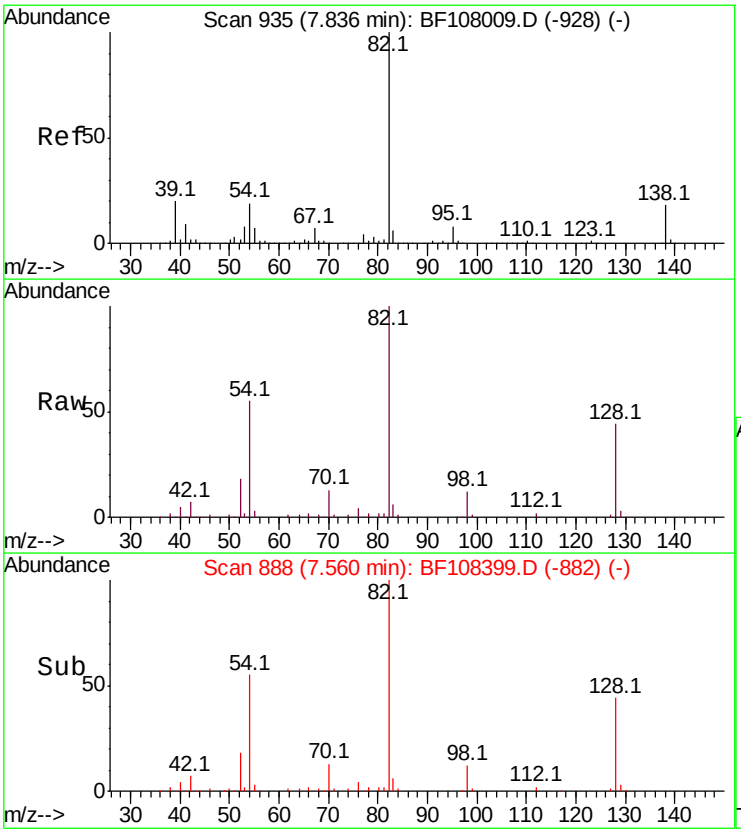
#23
Nitrobenzene-d5
Concen: 10.255 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 107201

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	55.1	41.4	62.2

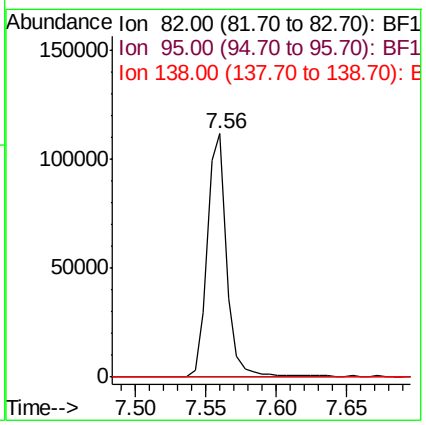


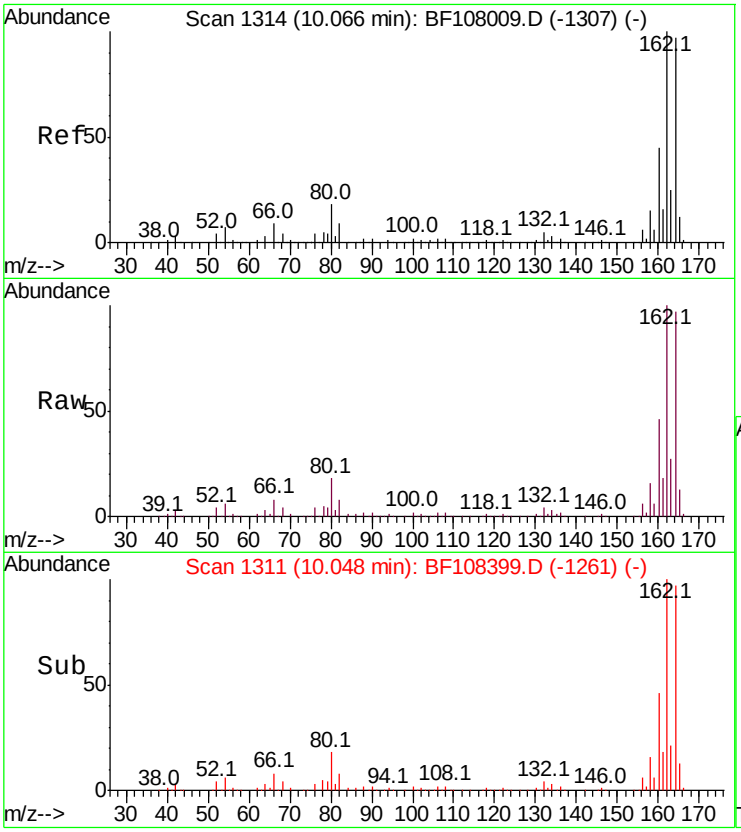


#25
Isophorone
Concen: 5.380 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion: 82 Resp: 107200

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



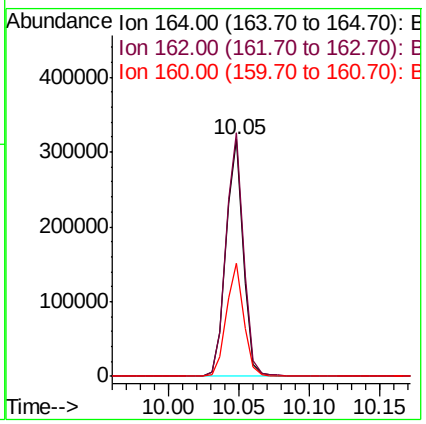


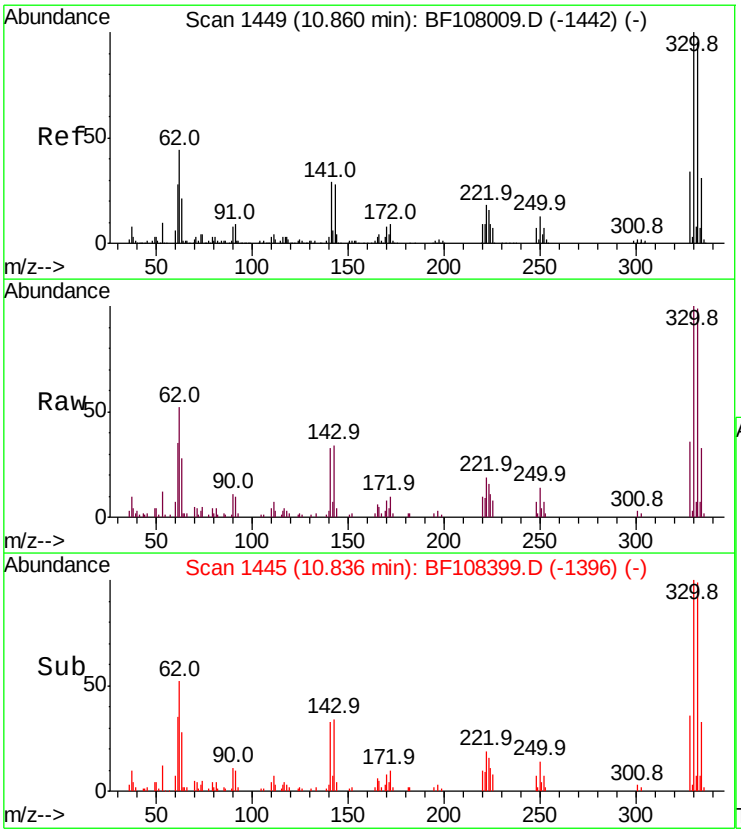
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 268839

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	47.6	38.3	57.5

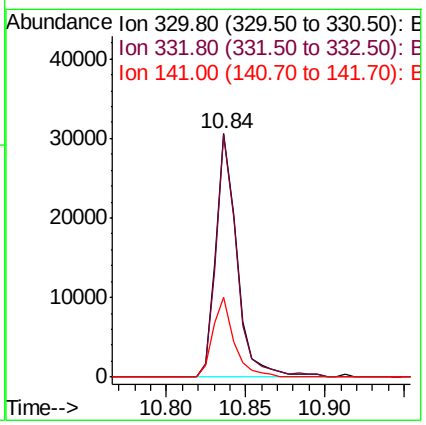


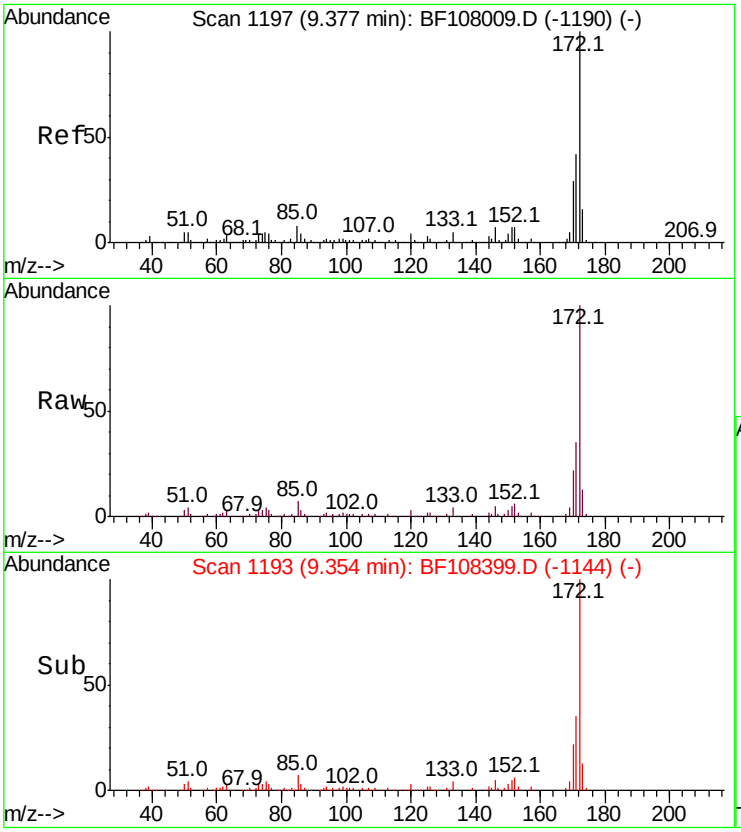


#41
2,4,6-Tribromophenol
Concen: 10.660 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion:330 Resp: 28585

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	32.7	29.9	44.9



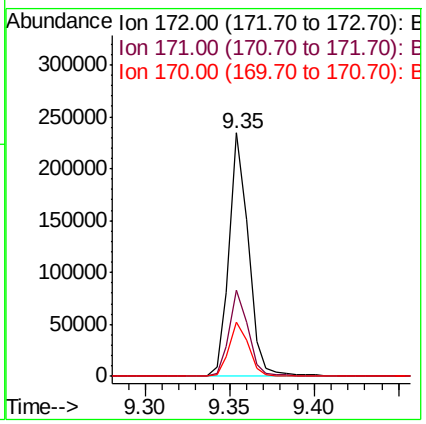


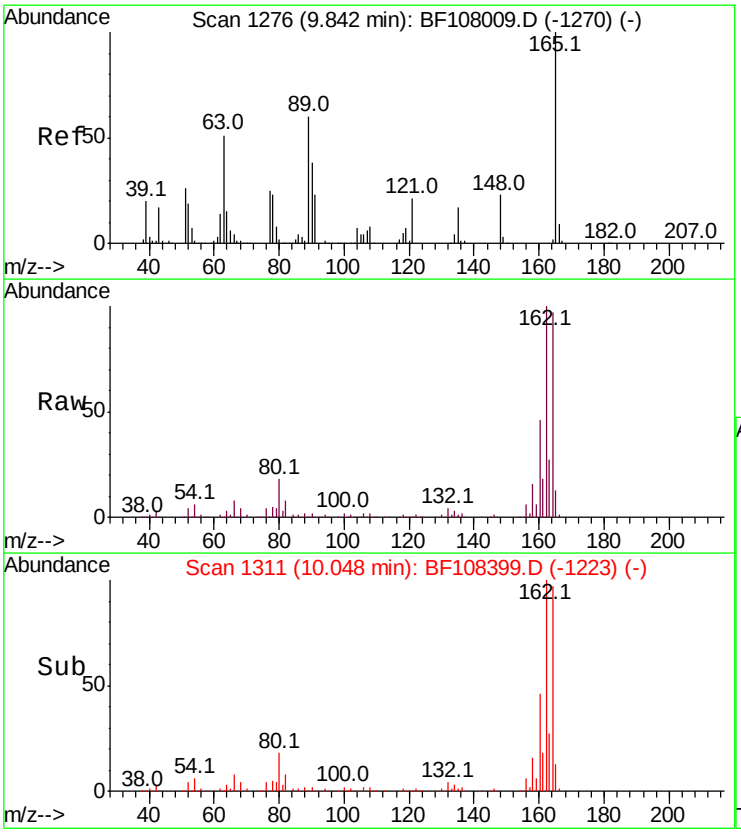
#44
2-Fluorobiphenyl
Concen: 11.157 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 186831

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.2	19.6	29.4

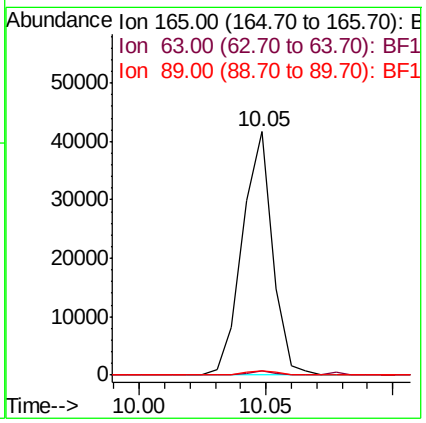


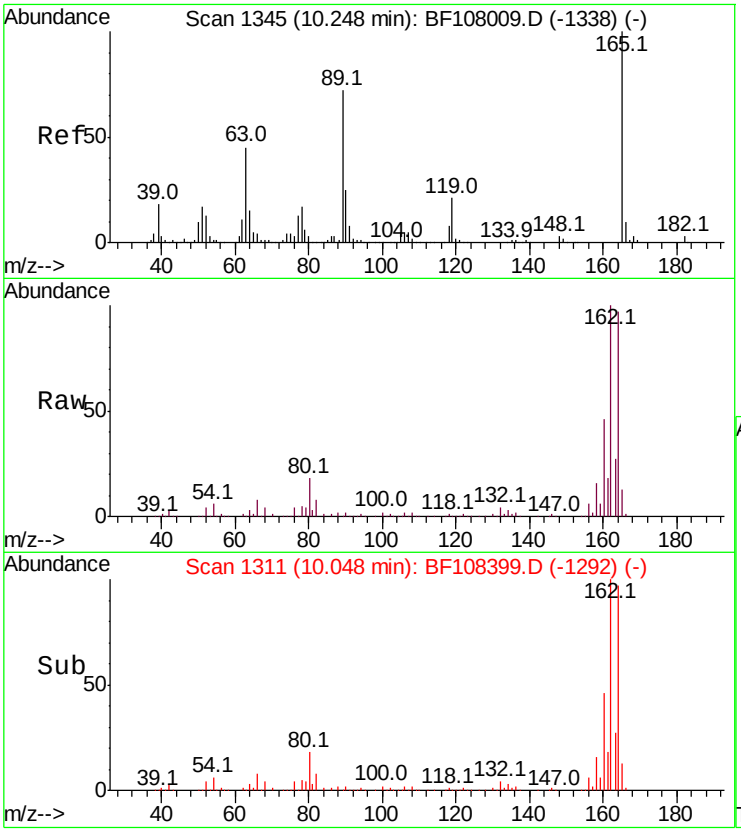


#50
2,6-Dinitrotoluene
Concen: 8.804 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.22 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion:165 Resp: 34495

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.6	44.0	66.0#



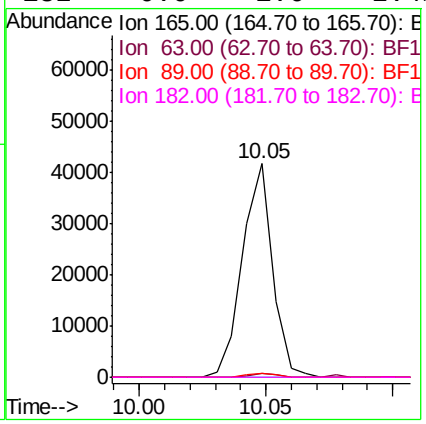


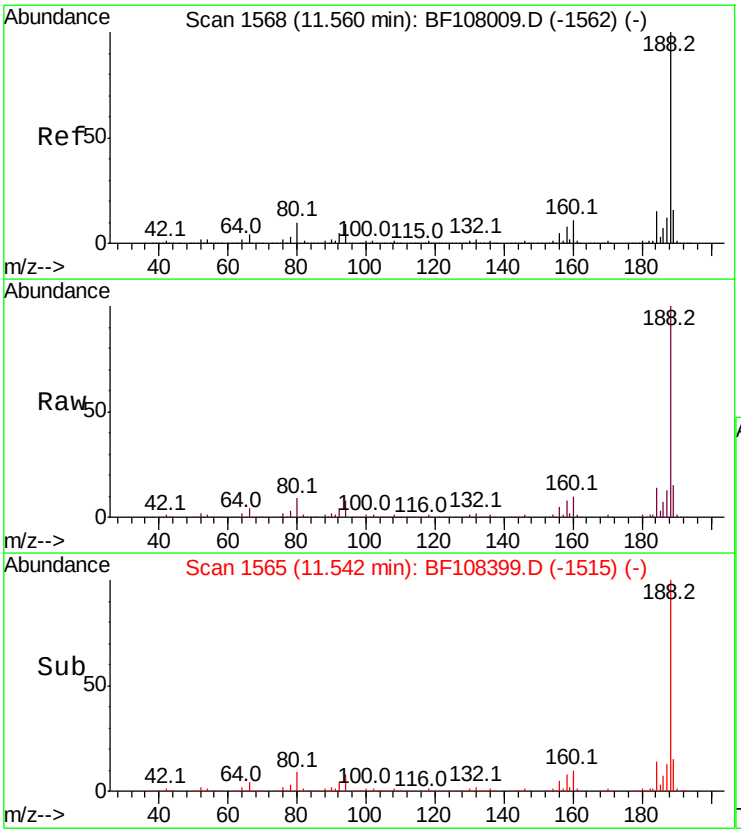
#56
2,4-Dinitrotoluene
Concen: 6.840 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.19 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34495

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

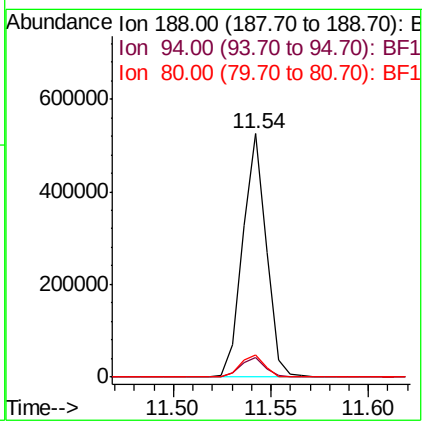


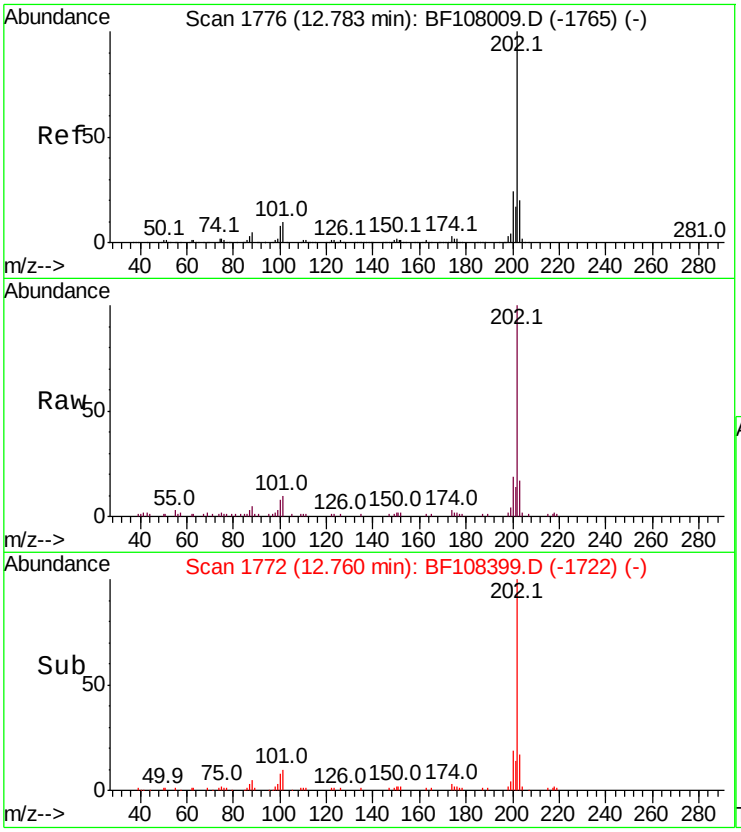


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion:188 Resp: 439454

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	9.2	9.2	13.8



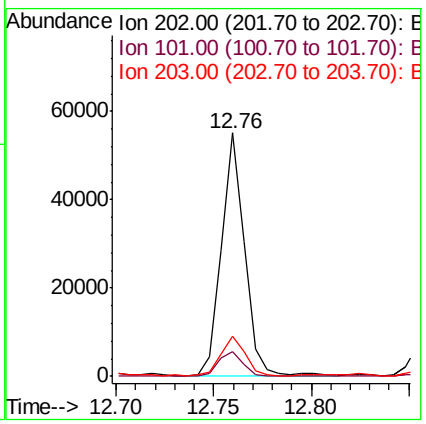


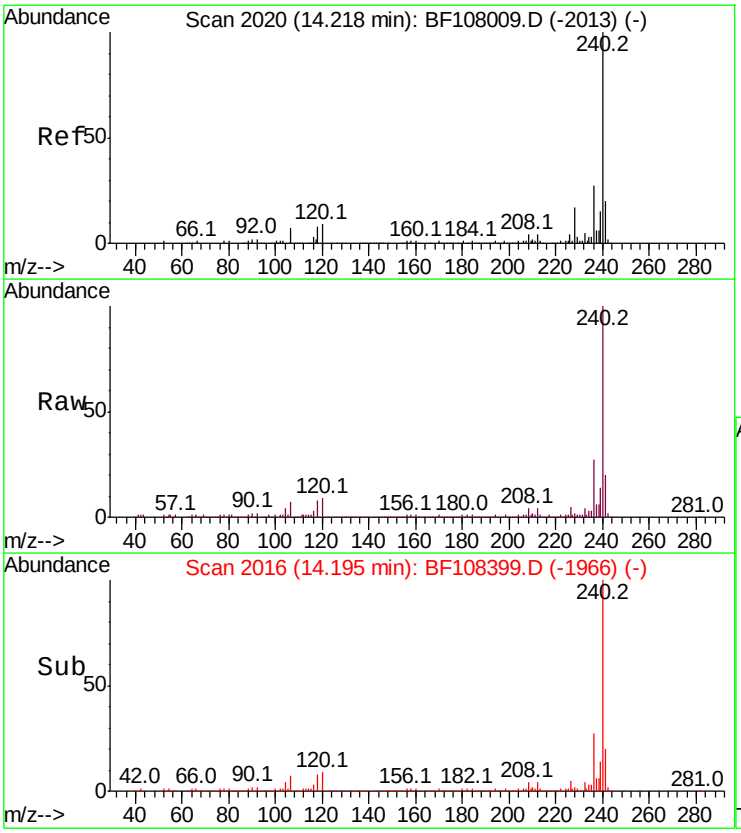
#74
Fluoranthene
Concen: 2.024 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 45796

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	16.7	0.0	38.1

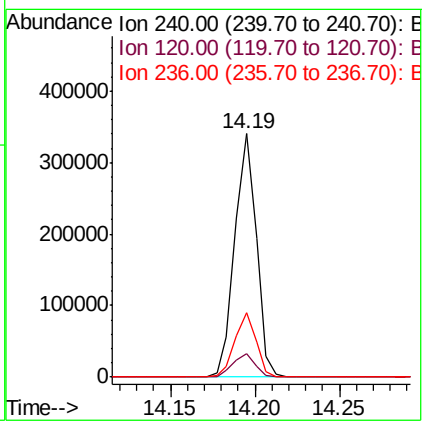


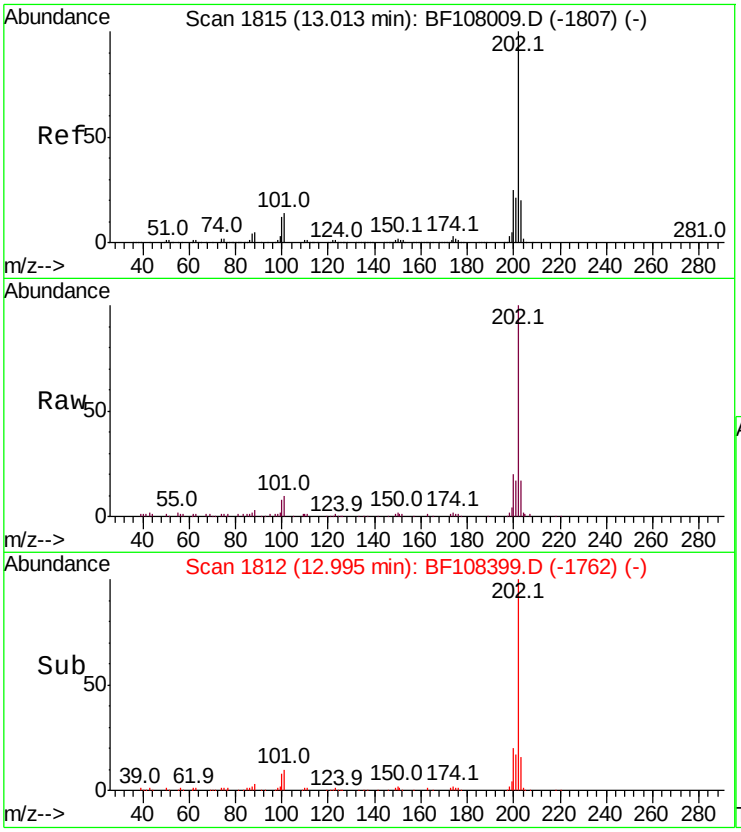


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion:240 Resp: 302337

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	26.7	20.7	31.1



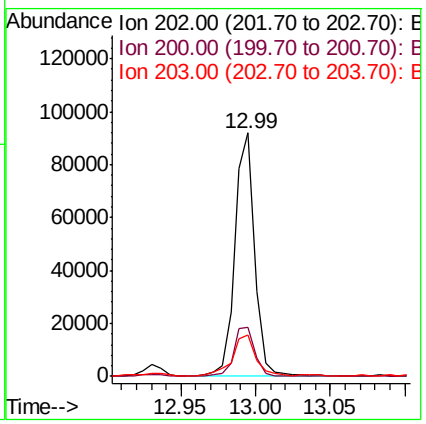


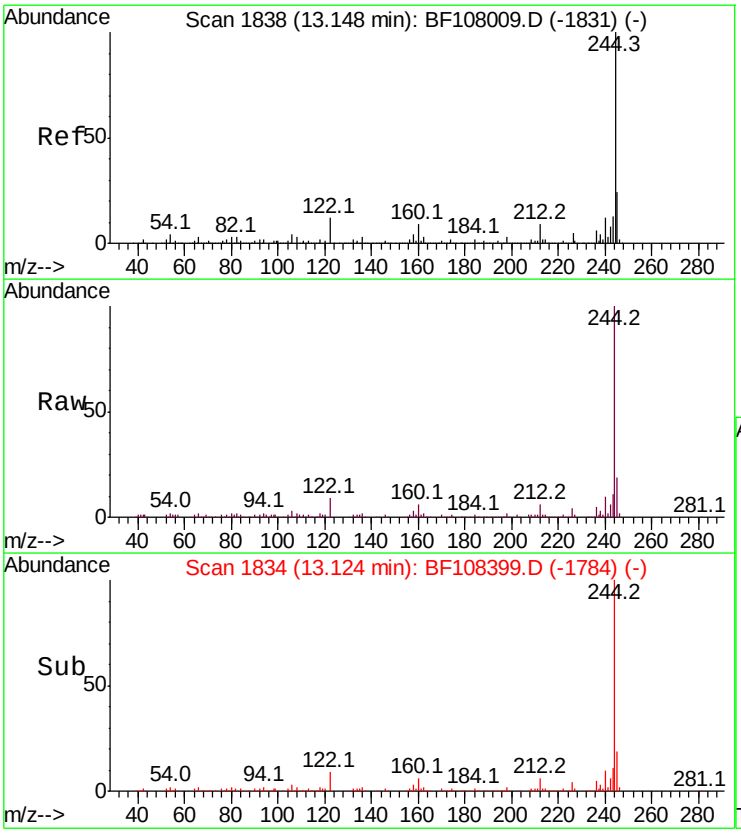
#77
Pyrene
Concen: 4.486 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 85865

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.0	14.3	21.5

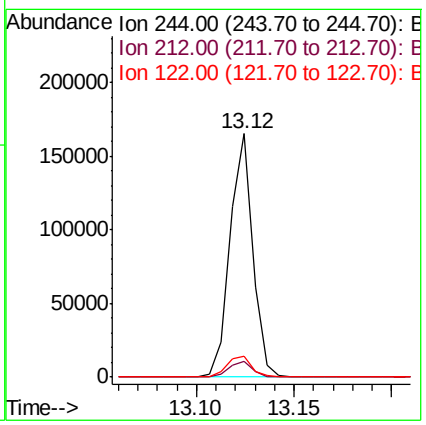


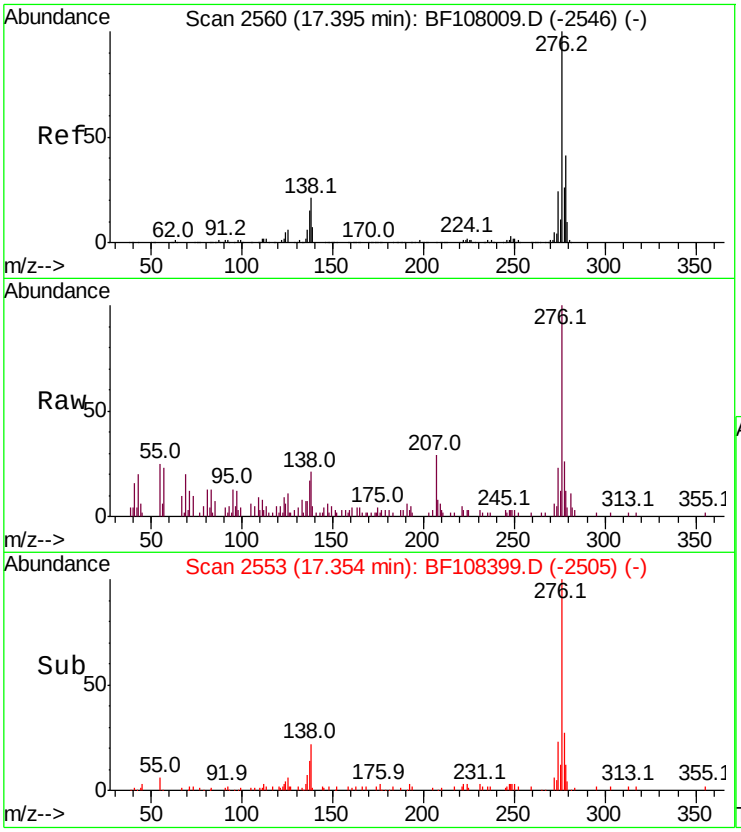


#78
Terphenyl-d14
Concen: 11.243 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion:244 Resp: 133694

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.8	11.0	16.4#



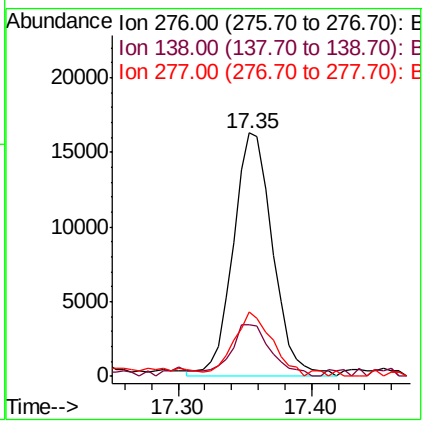


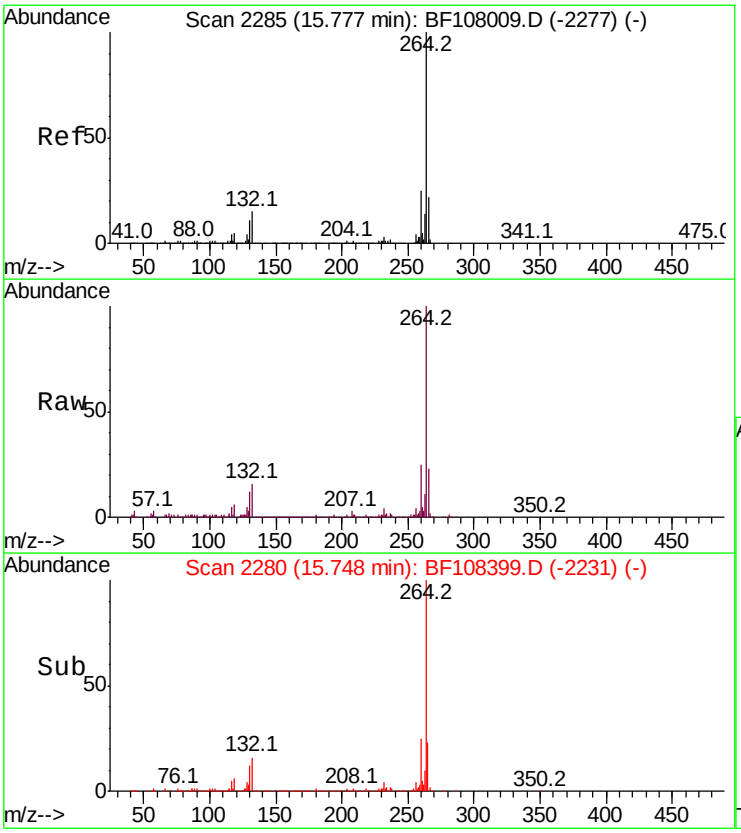
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.431 ng
RT: 17.35 min Scan# 2553
Delta R.T. -0.02 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 33501

Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.0	37.6#
277	25.6	20.1	30.1

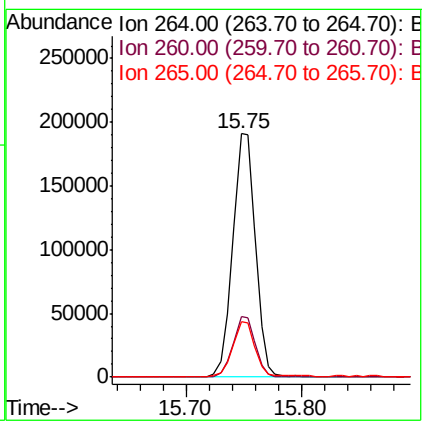


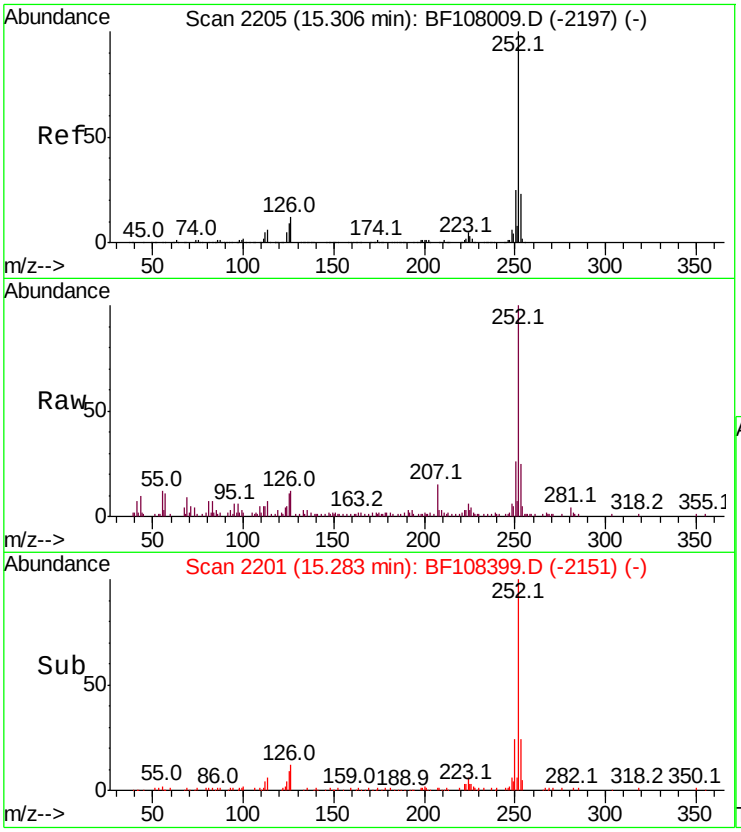


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion:264 Resp: 260687

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.8	17.5	26.3



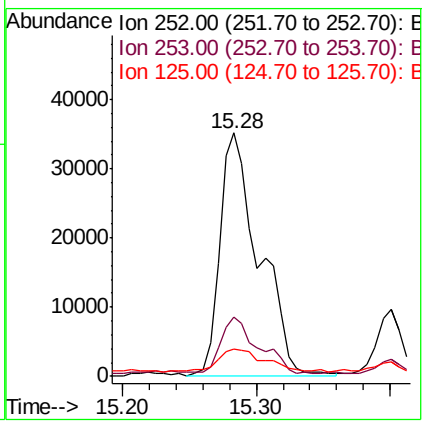


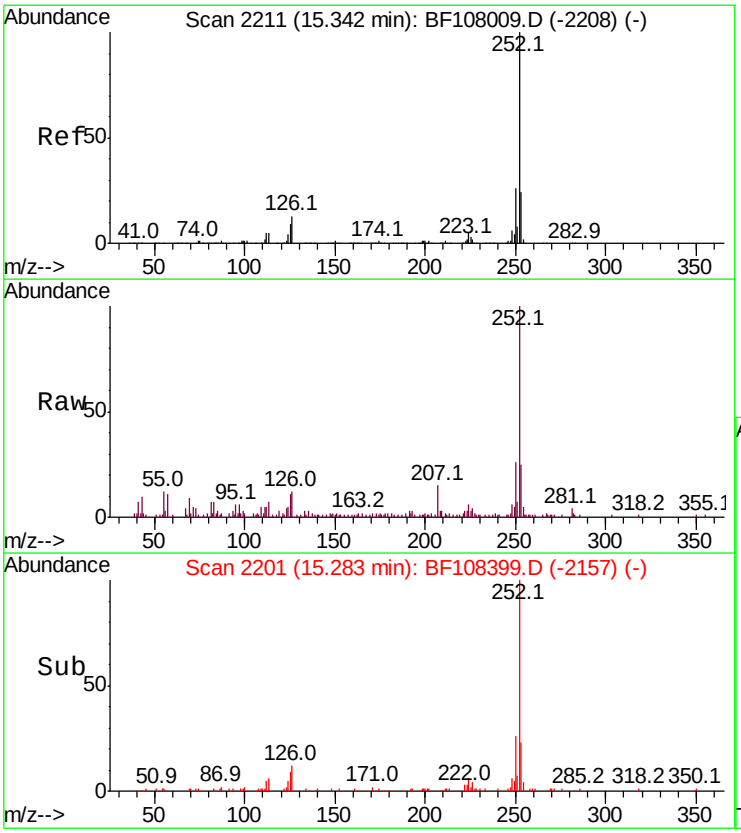
#87
Benzo(b)fluoranthene
Concen: 4.664 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 72655

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	11.4	9.0	13.6

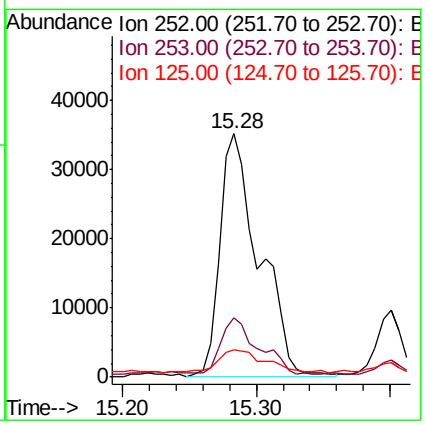


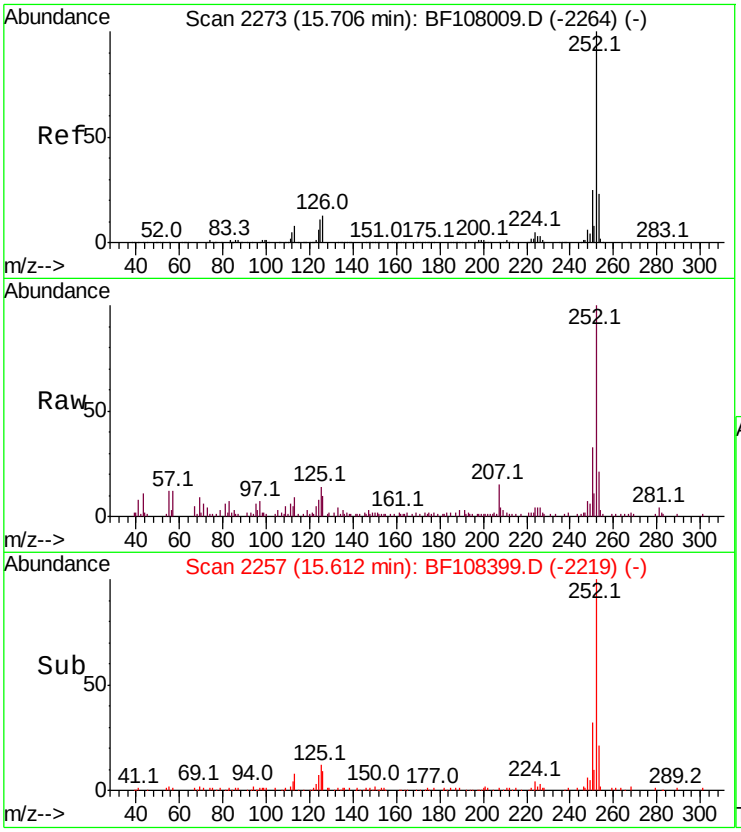


#88
Benzo(k)fluoranthene
Concen: 5.074 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion:252 Resp: 72655

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	11.4	10.2	15.2



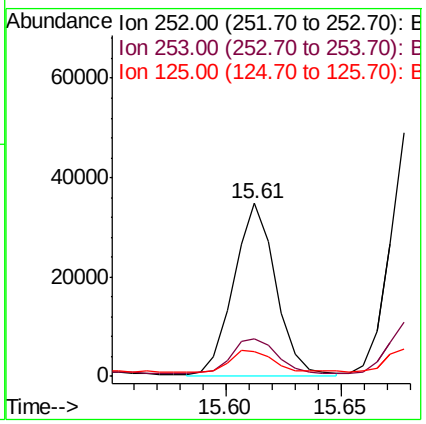


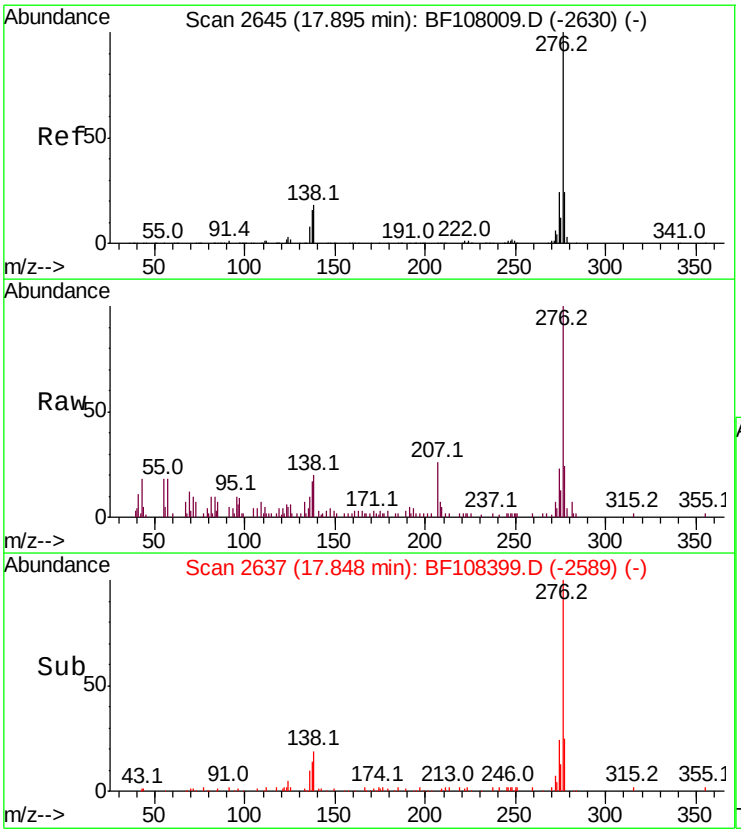
#89
Benzo(a)pyrene
Concen: 3.204 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.08 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 44689

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	14.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.263 ng
RT: 17.85 min Scan# 2637
Delta R.T. -0.02 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion:276 Resp: 48442

Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	20.3	21.8	32.8#