Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
Data File : BF108299.D
Acq On : 20 Aug 2018 19:24
Operator : JU/SJ
Sample : J4521-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT26100

Quant Time: Aug 21 00:53:26 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 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	184493	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	652888	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	278550	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	470394	20.00	ng		0.00
75) Chrysene-d12	14.22	240	358309	20.00	ng		0.00
86) Perylene-d12	15.78	264	275663	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	534921	52.49	ng		0.01
7) Phenol-d6	6.64	99	703115	51.92	ng		0.00
23) Nitrobenzene-d5	7.58	82	435712	37.24	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	138807	49.96	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	711453	41.01	ng		0.00
78) Terphenyl-d14	13.14	244	589730	41.85	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	59044	6.448	ng	#	81
25) Isophorone	7.58	82	435705	19.537	ng	#	64
49) Dimethylphthalate	9.76	163	47952	2.471	ng	#	98
64) 4,6-Dinitro-2-methylphenol	10.85	198	192	5.455	ng	#	1
70) Phenanthrene	11.58	178	255482	11.515	ng		99
71) Anthracene	11.64	178	102805	4.521	ng		97
74) Fluoranthene	12.78	202	630959	26.057	ng		94
77) Pyrene	13.01	202	643832	28.382	ng		98
80) Benzo(a)anthracene	14.21	228	336825	16.380	ng		97
82) Chrysene	14.24	228	301470	15.991	ng		98
85) Indeno(1,2,3-cd)pyrene	17.40	276	139827	8.560	ng	#	87
87) Benzo(b)fluoranthene	15.31	252	445572	27.050	ng		96
88) Benzo(k)fluoranthene	15.31	252	445572	29.427	ng		96
89) Benzo(a)pyrene	15.71	252	257827	17.480	ng		96
90) Dibenzo(a,h)anthracene	17.41	278	38727	3.173	ng	#	88
91) Benzo(g,h,i)perylene	17.90	276	132738	11.045	ng	#	90

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

Quantitation Report (Not Reviewed)

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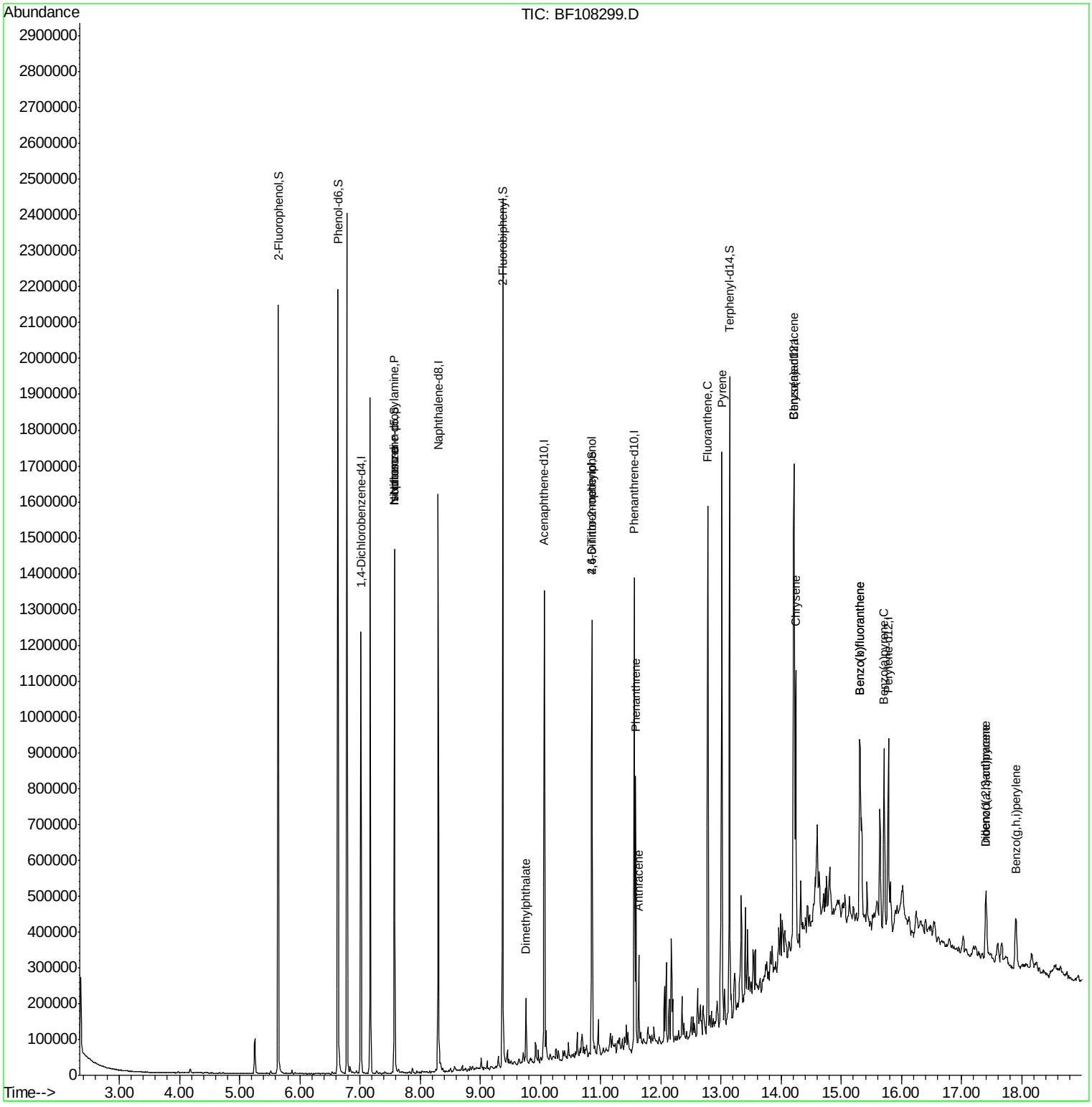
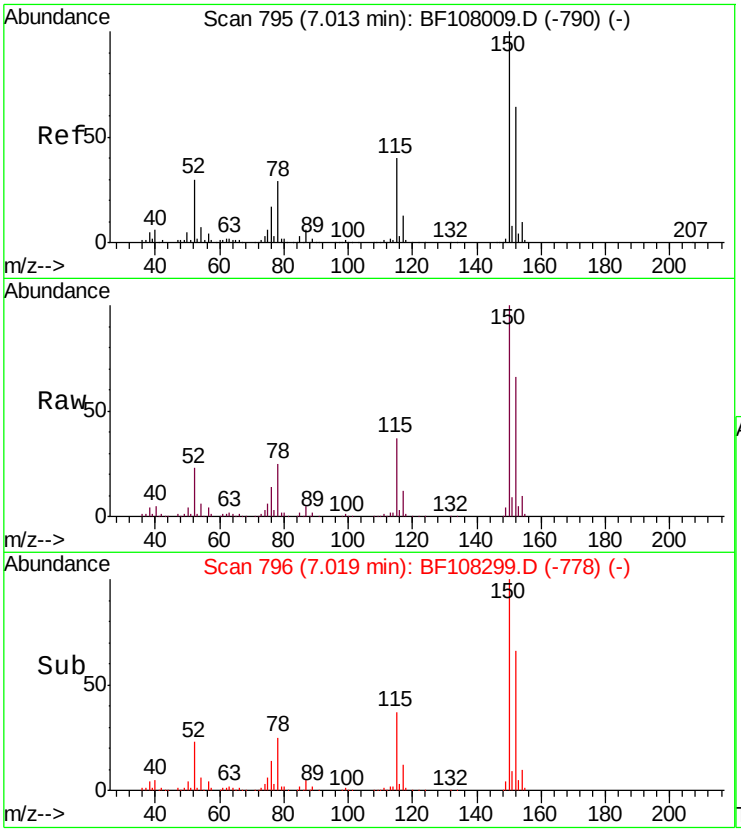
Quant Time: Aug 21 00:53:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration



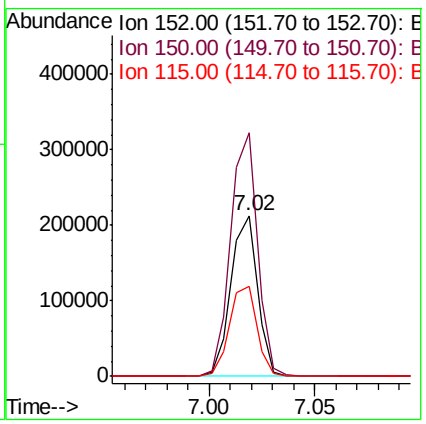


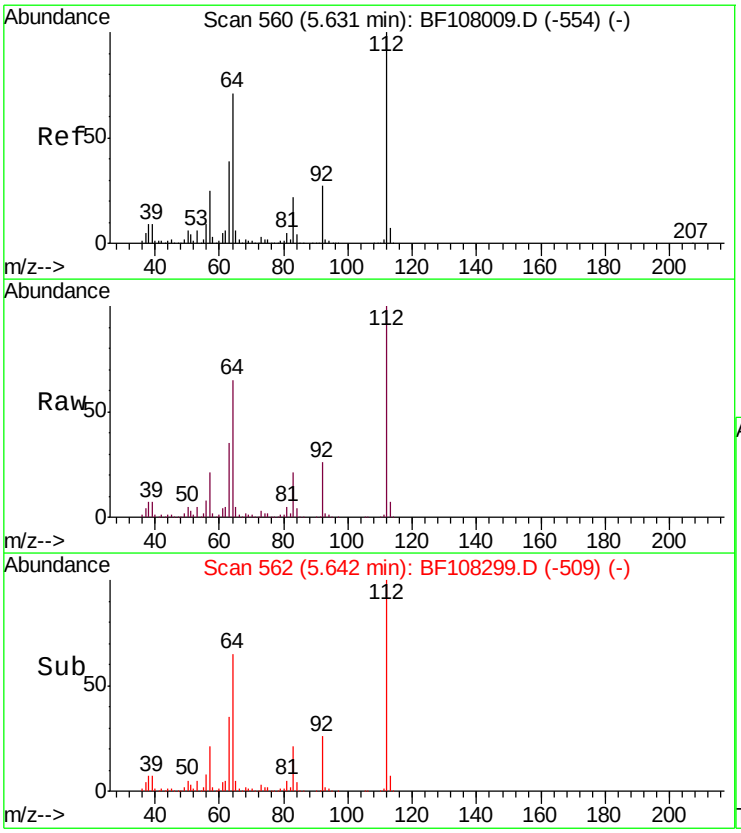
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:152 Resp: 184493

Ion	Ratio	Lower	Upper
152	100		
150	151.4	124.6	186.8
115	56.0	50.1	75.1

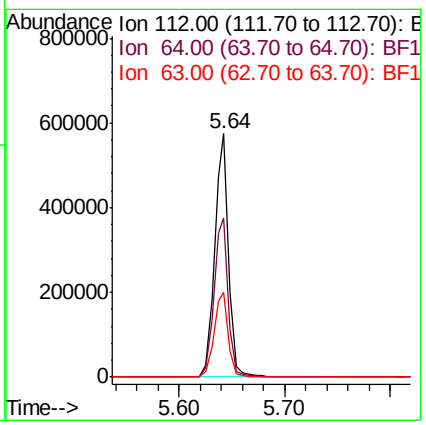


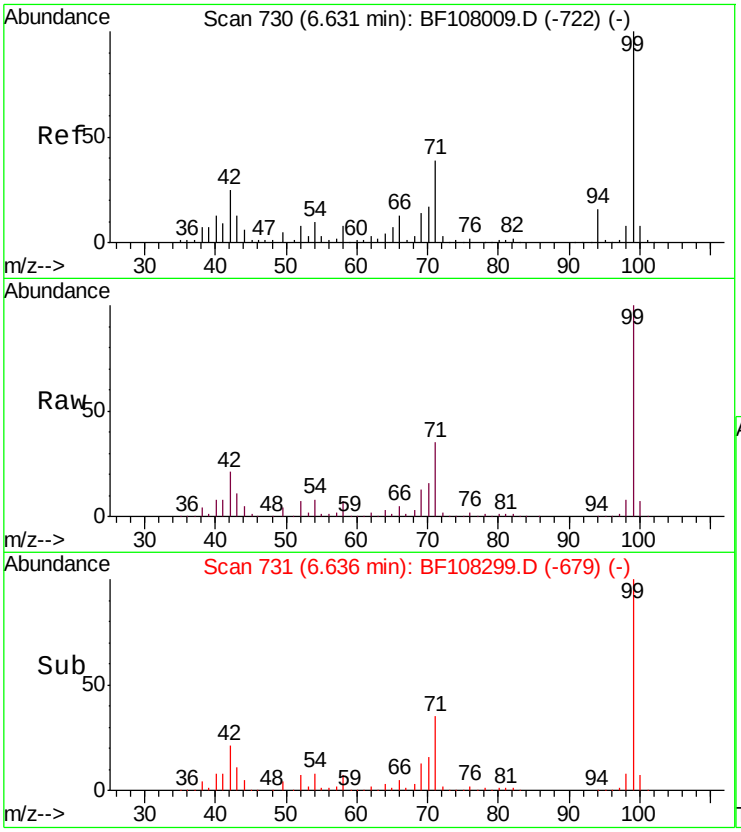


#5
2-Fluorophenol
Concen: 52.493 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion:112 Resp: 534921

Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.9	71.9
63	34.8	23.7	35.5



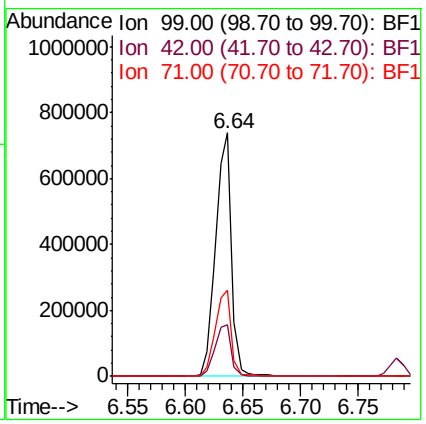


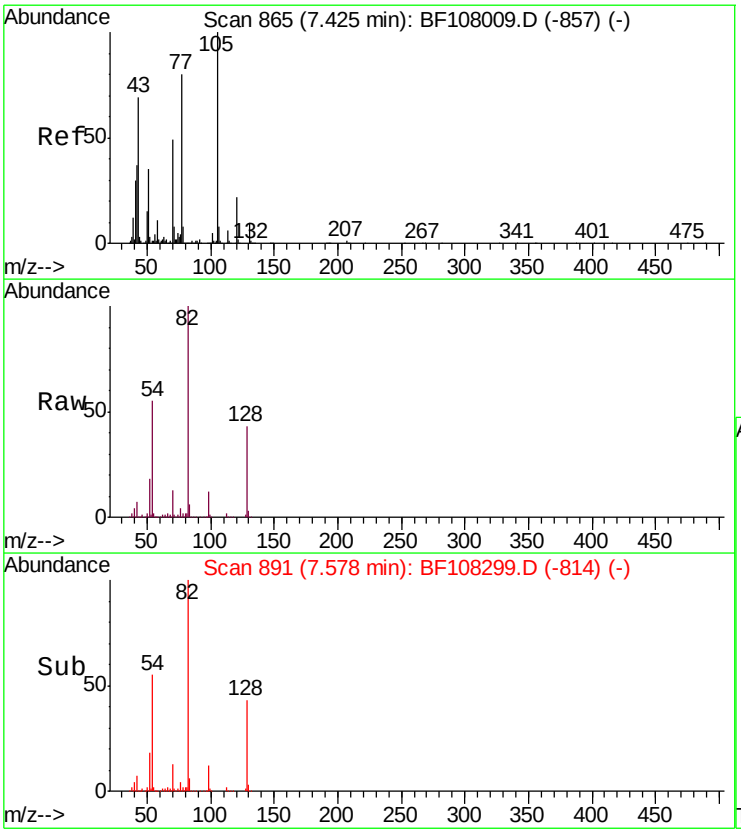
#7
Phenol-d6
Concen: 51.922 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion: 99 Resp: 703115

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	35.4	25.4	38.0

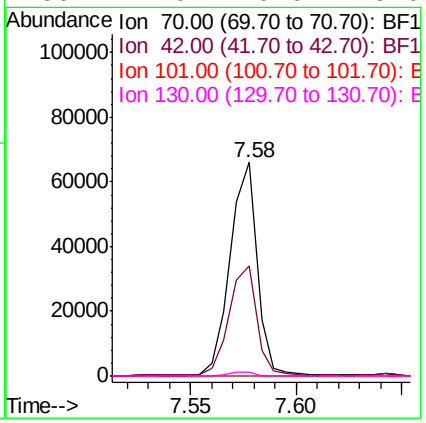


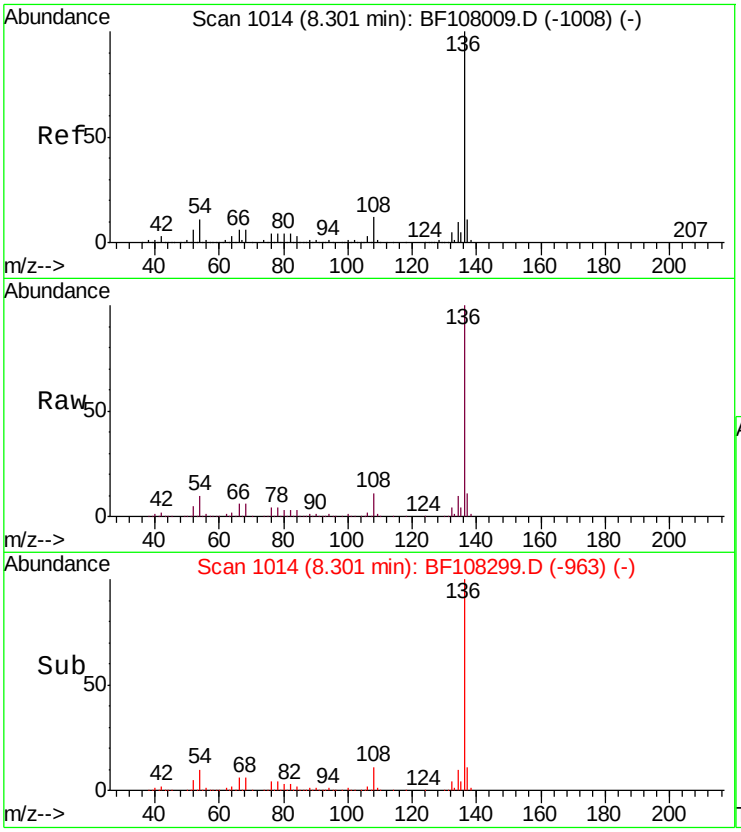


#19
n-Nitroso-di-n-propylamine
Concen: 6.448 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion: 70 Resp: 59044

Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



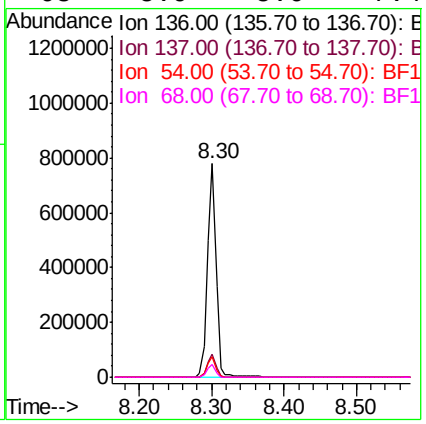


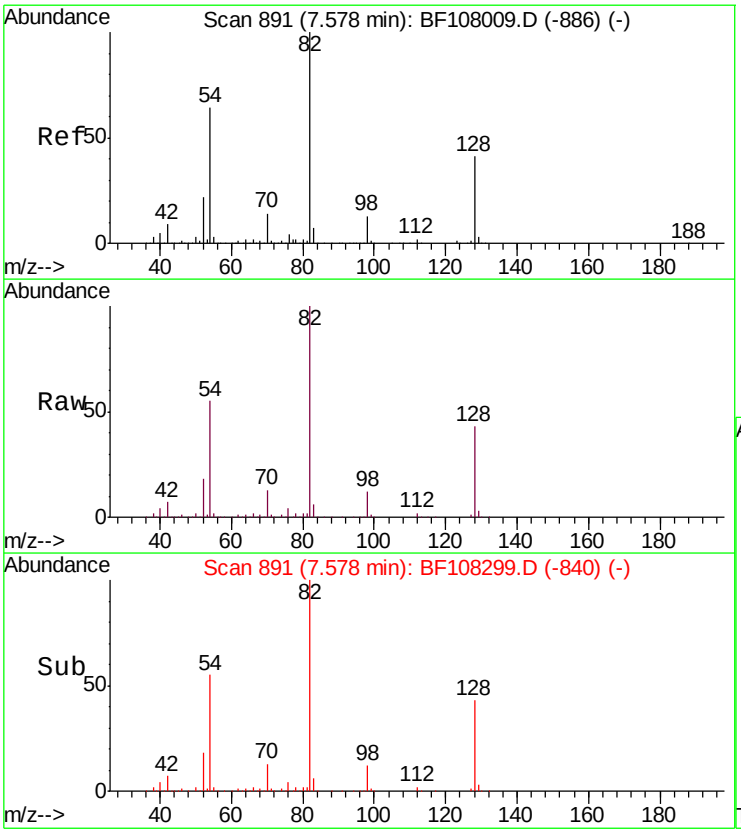
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:136 Resp: 652888

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.6	6.6	9.8
68	5.9	5.0	7.4

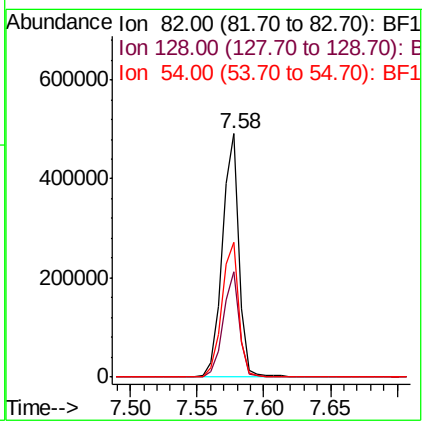


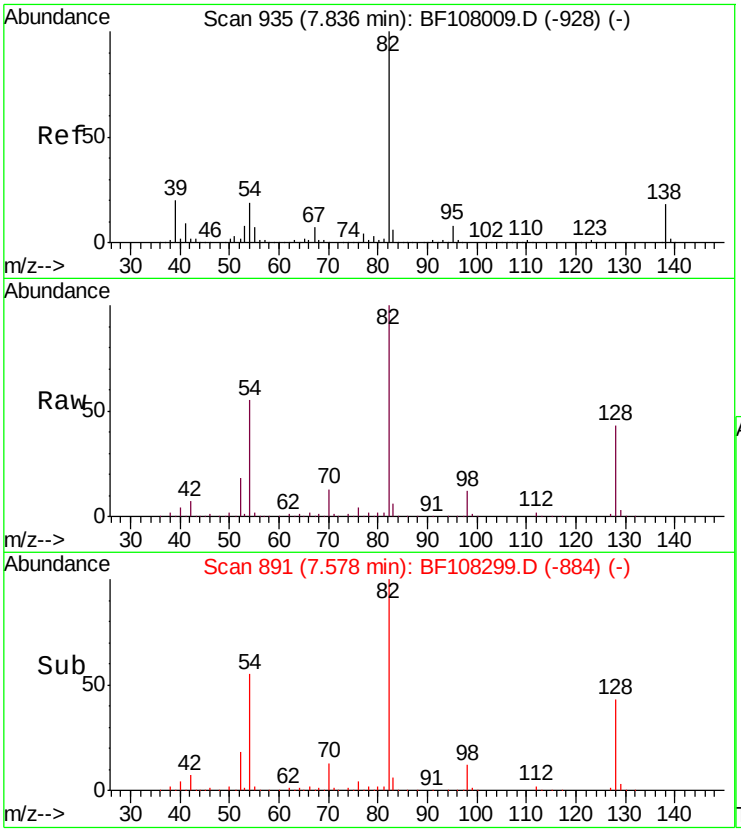


#23
Nitrobenzene-d5
Concen: 37.240 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion: 82 Resp: 435712

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	55.4	41.4	62.2



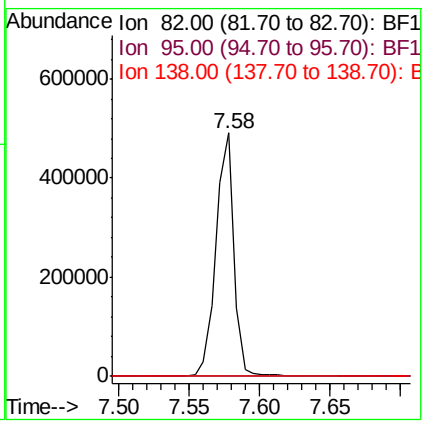


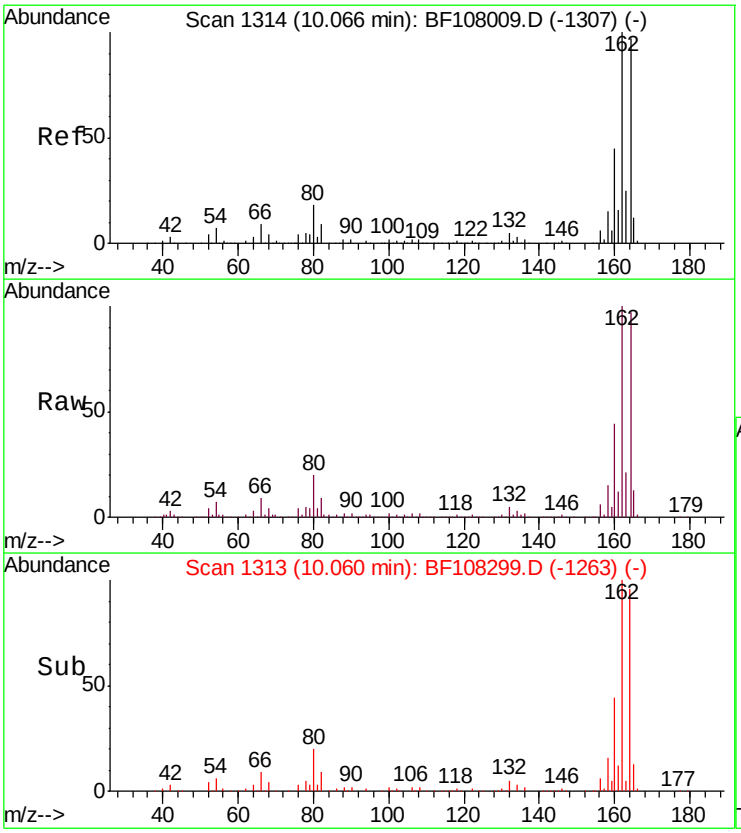
#25
Isophorone
Concen: 19.537 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion: 82 Resp: 435705

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

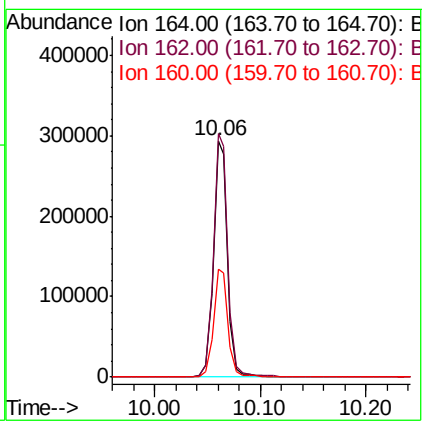


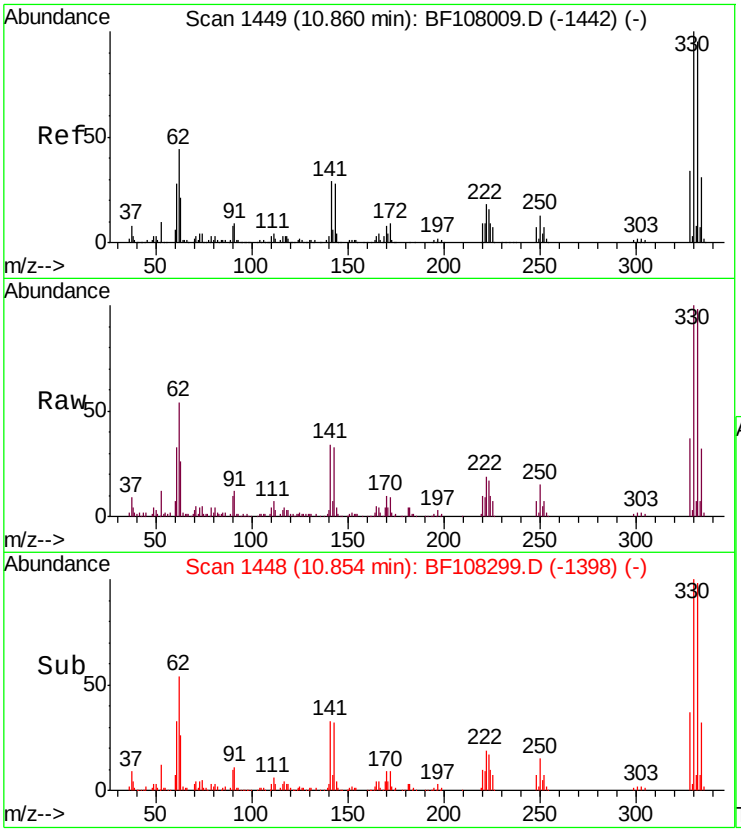


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion:164 Resp: 278550

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.5	38.3	57.5



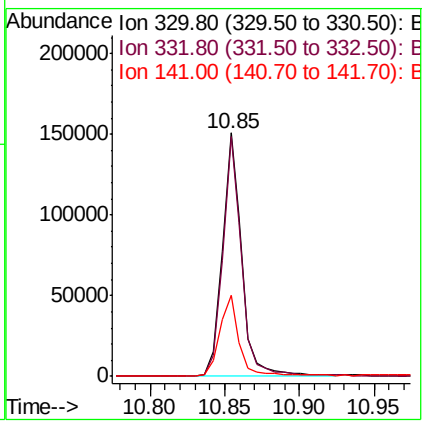


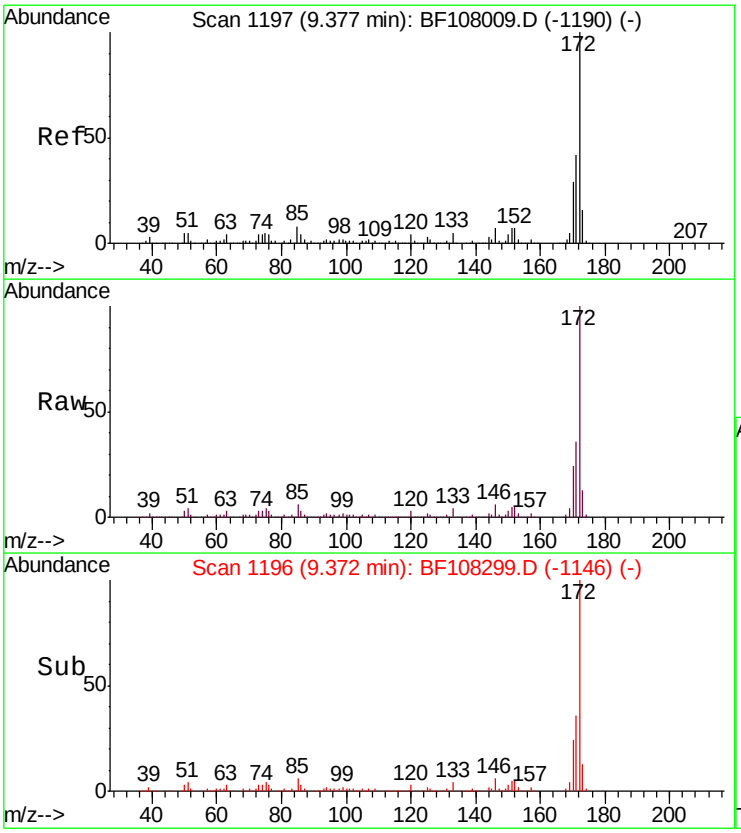
#41
2,4,6-Tribromophenol
Concen: 49.958 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:330 Resp: 138807

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	32.9	29.9	44.9

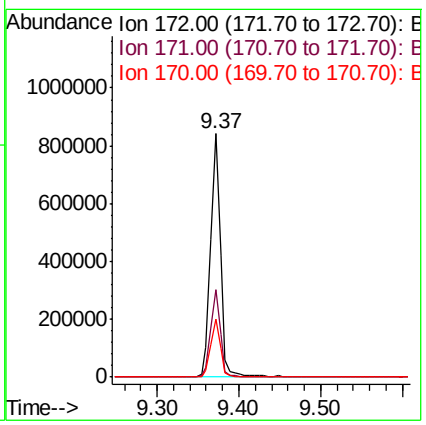


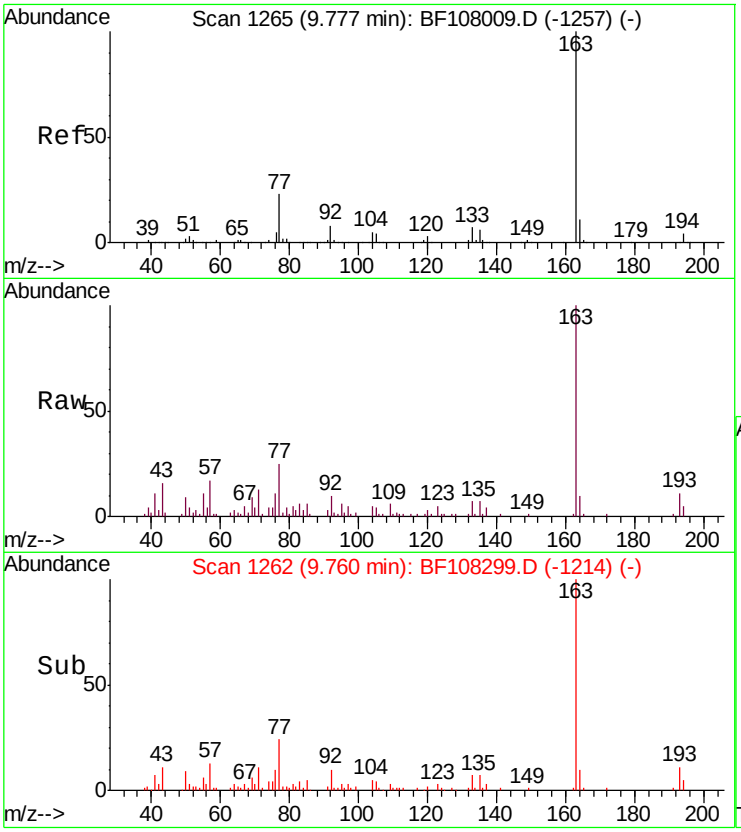


#44
2-Fluorobiphenyl
Concen: 41.006 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion:172 Resp: 711453

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4



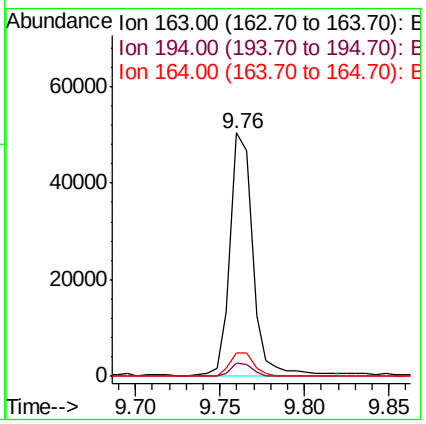


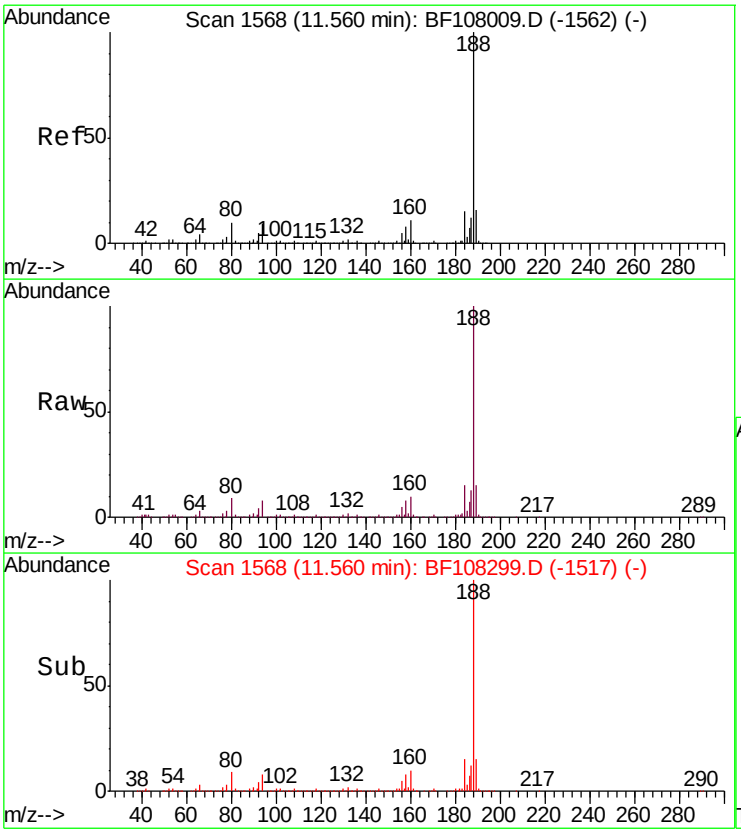
#49
Dimethylphthalate
Concen: 2.471 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:163 Resp: 47952

Ion	Ratio	Lower	Upper
163	100		
194	5.5	2.7	4.1#
164	9.9	8.2	12.2

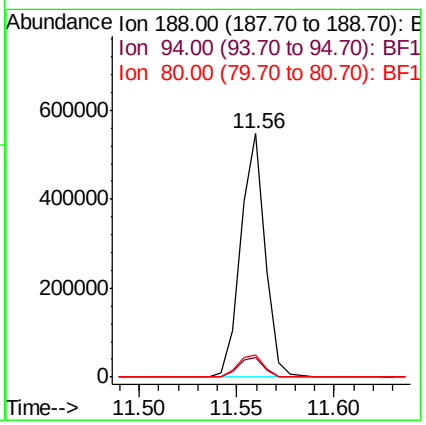


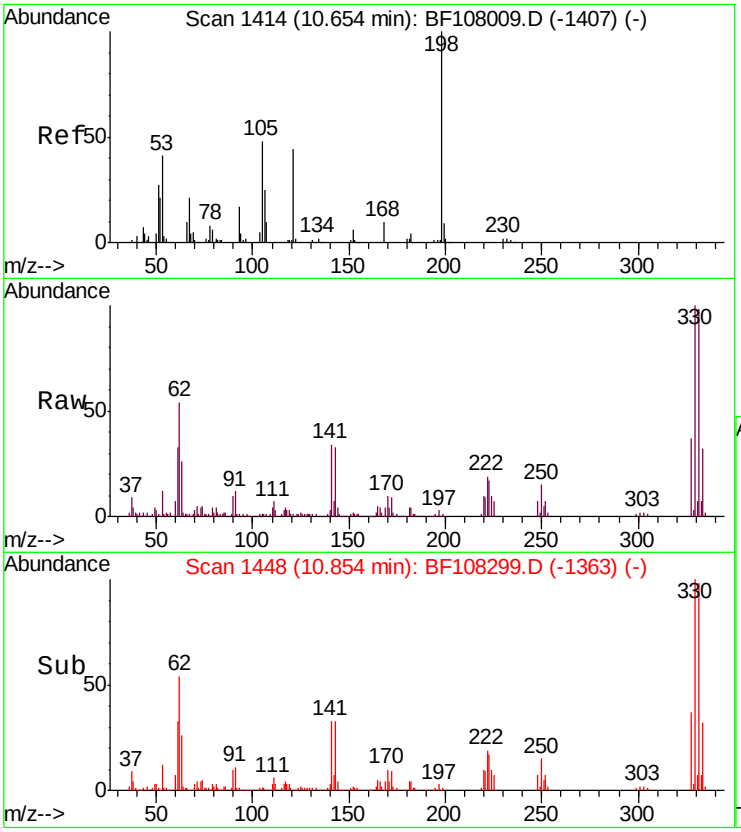


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion:188 Resp: 470394

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.2	9.2	13.8#



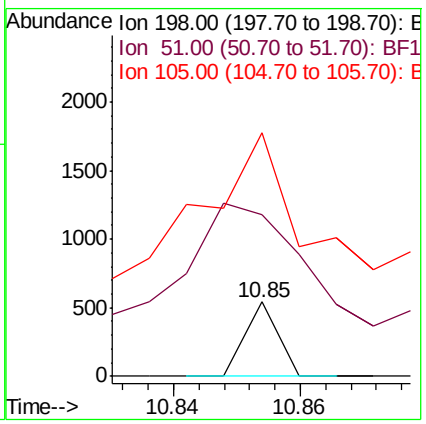


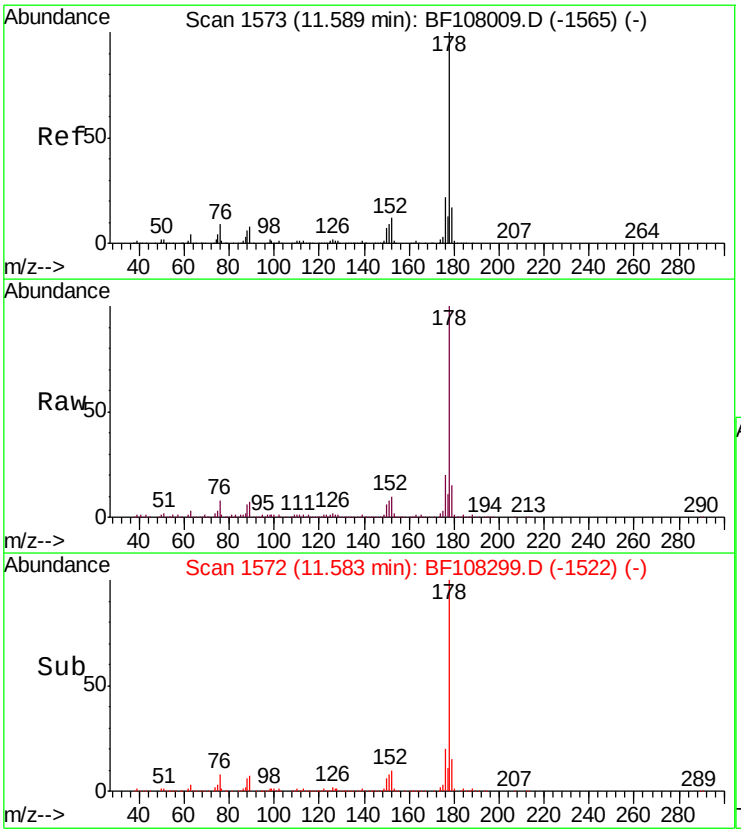
#64
4,6-Dinitro-2-methylphenol
Concen: 5.455 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:198 Resp: 192

Ion	Ratio	Lower	Upper
198	100		
51	217.3	37.7	77.7#
105	326.3	36.3	76.3#

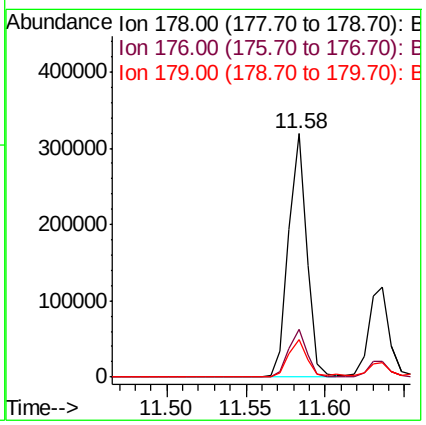


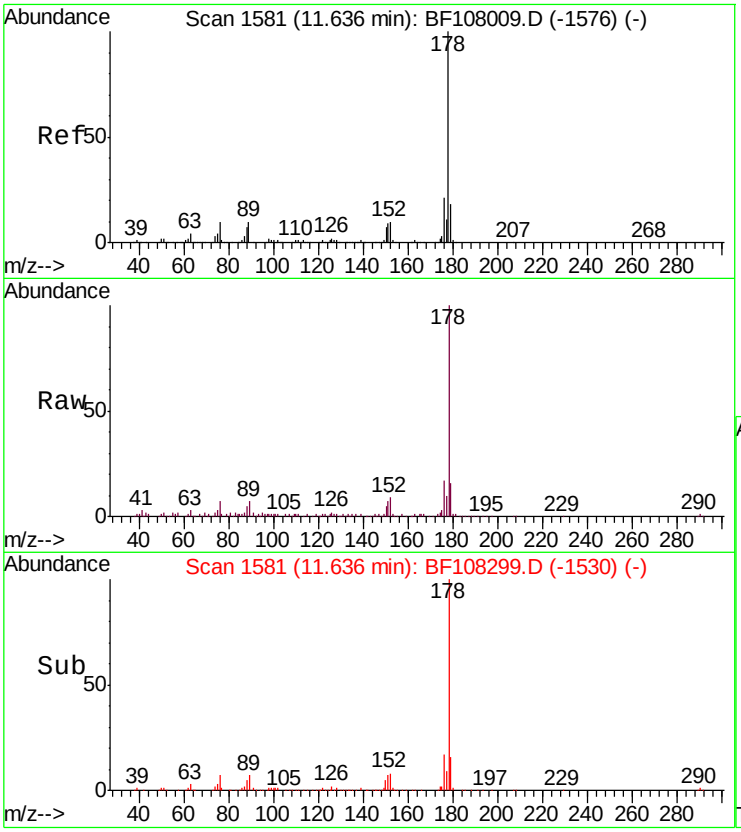


#70
Phenanthrene
Concen: 11.515 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion:178 Resp: 255482

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.2	13.0	19.6



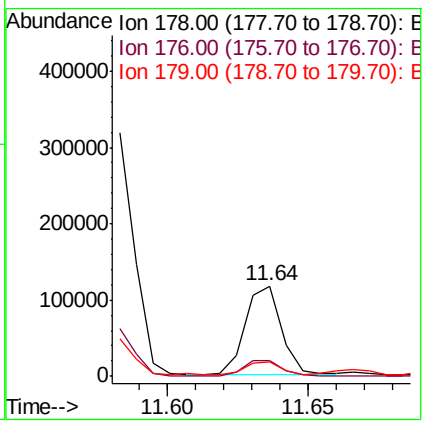


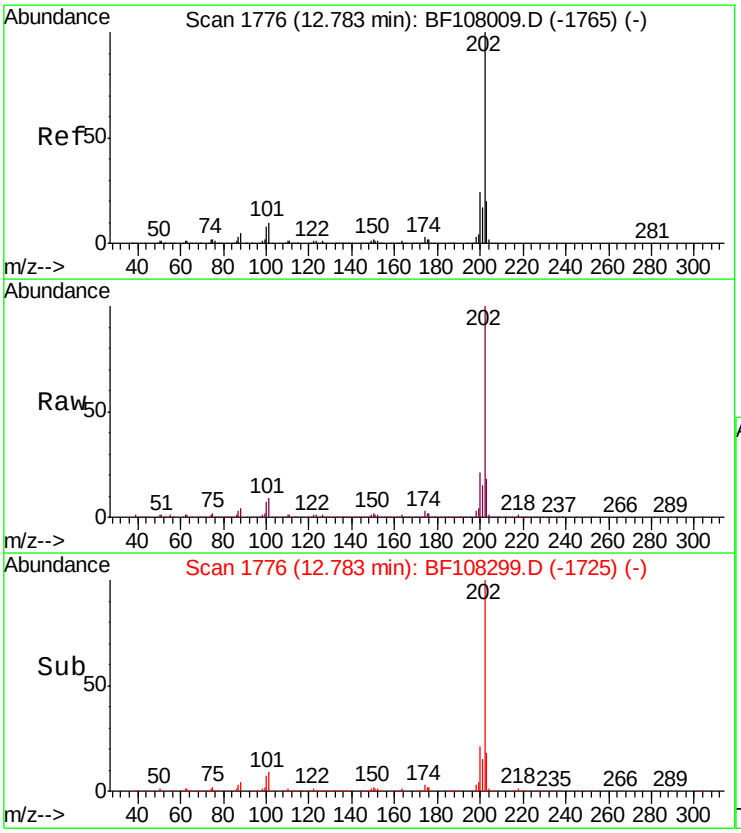
#71
Anthracene
Concen: 4.521 ng
RT: 11.64 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:178 Resp: 102805

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.4	23.2
179	16.4	12.6	19.0

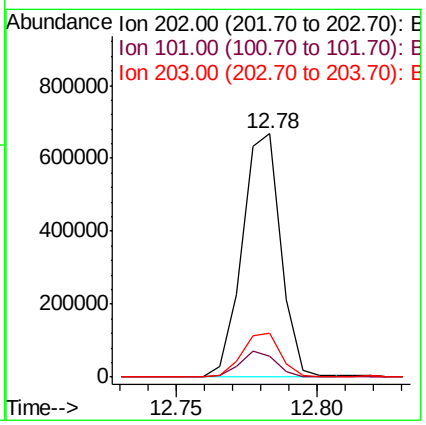


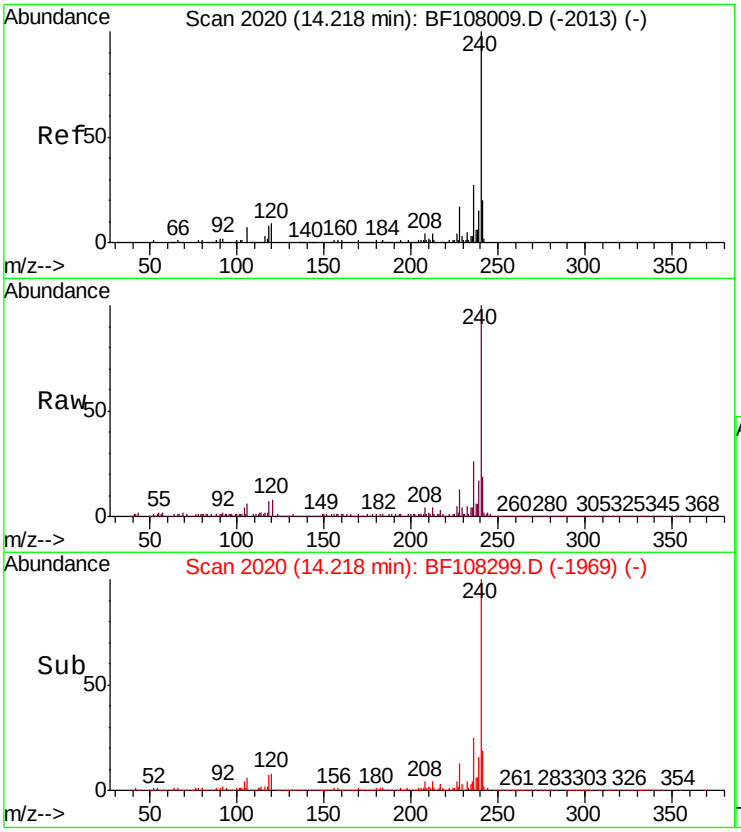


#74
Fluoranthene
Concen: 26.057 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion:202 Resp: 630959

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	34.1
203	17.8	0.0	38.1



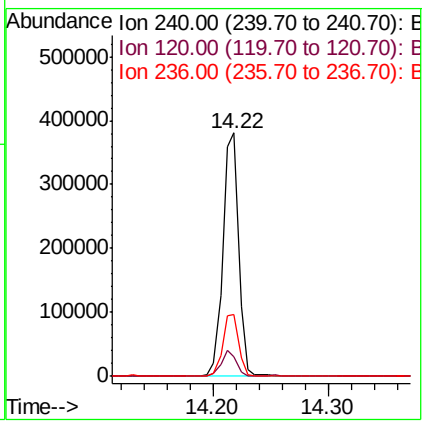


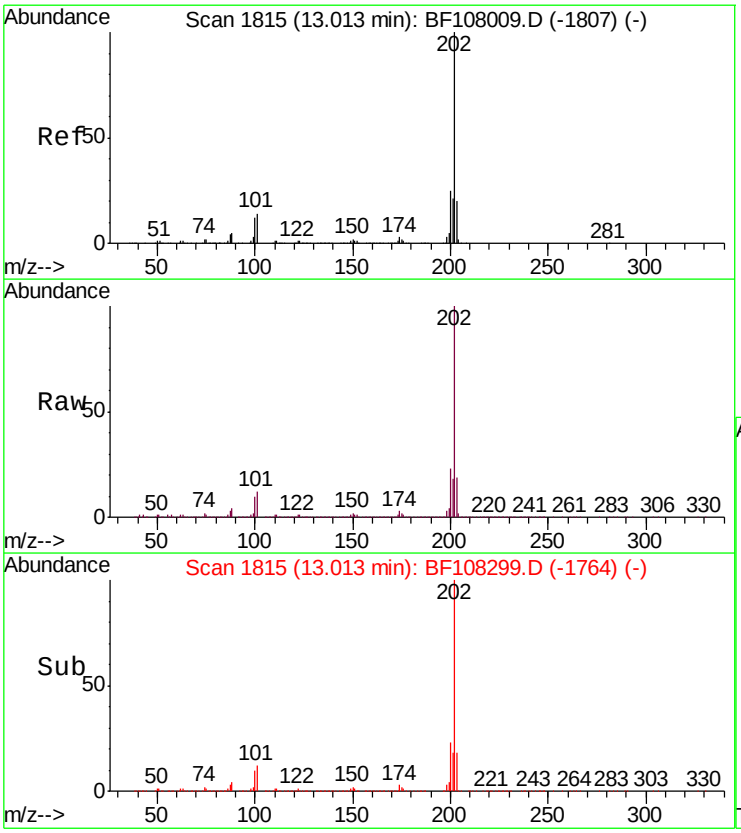
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:240 Resp: 358309

Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.5	14.3#
236	25.6	20.7	31.1

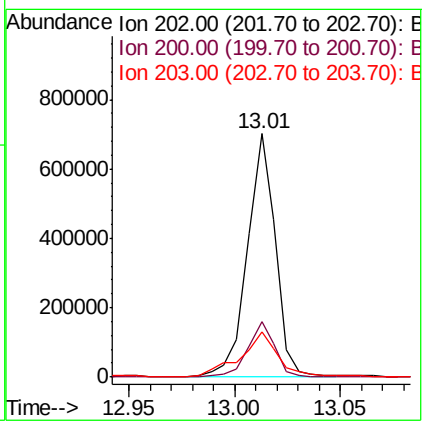


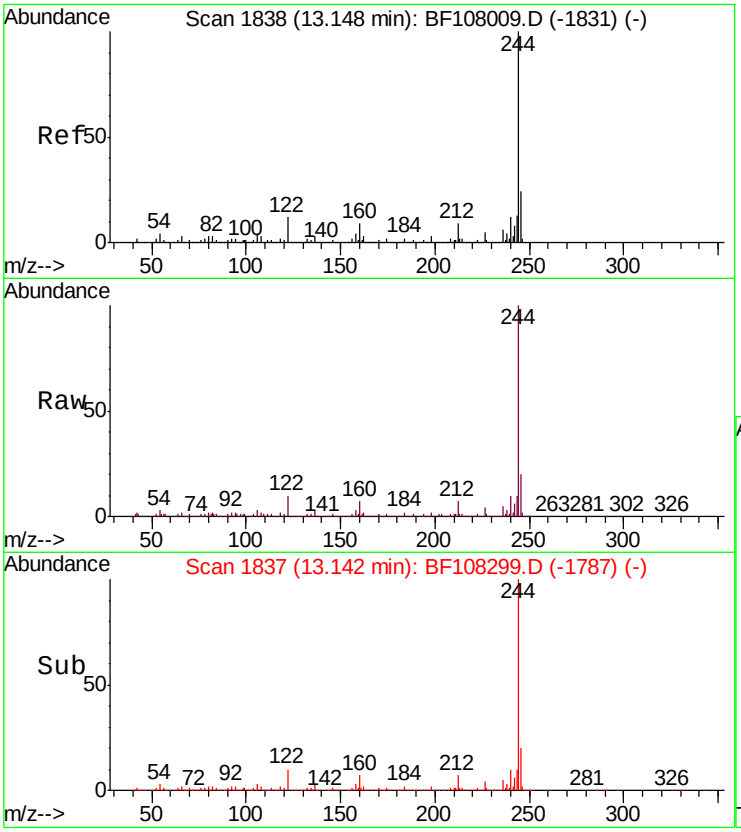


#77
Pyrene
Concen: 28.382 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion:202 Resp: 643832

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.6	14.3	21.5



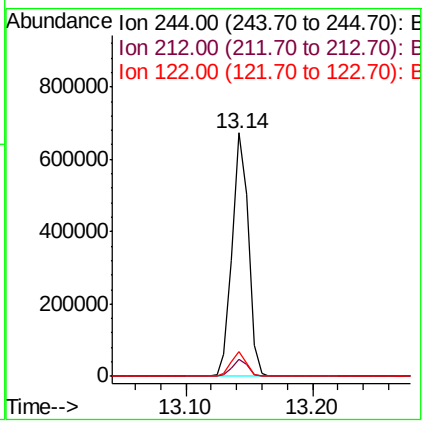


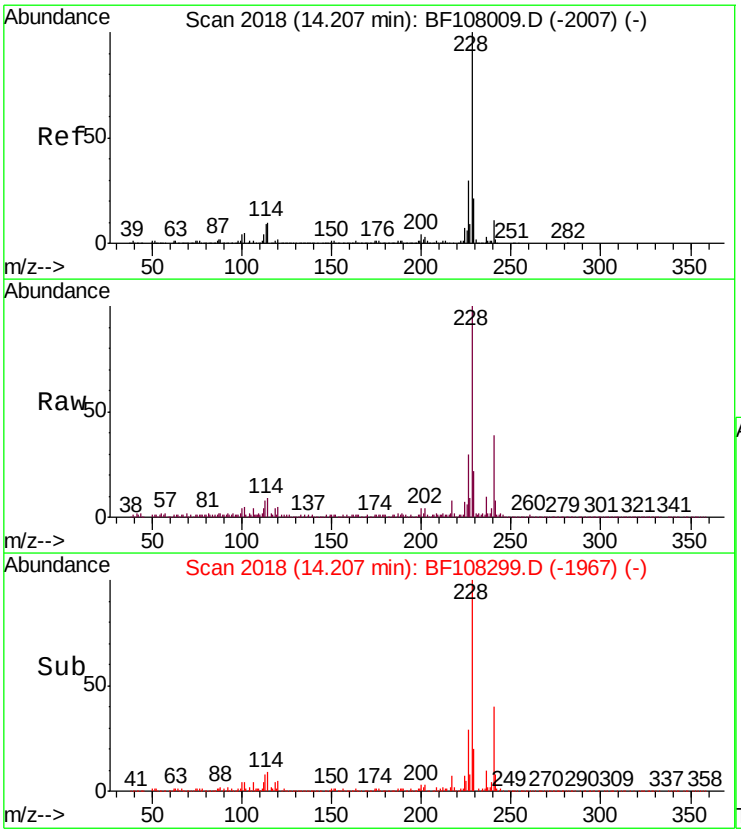
#78
Terphenyl-d14
Concen: 41.847 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:244 Resp: 589730

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.1	11.0	16.4#

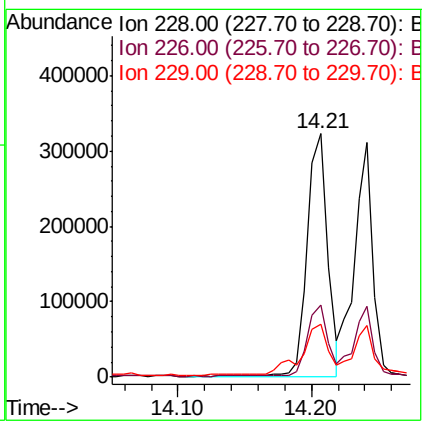


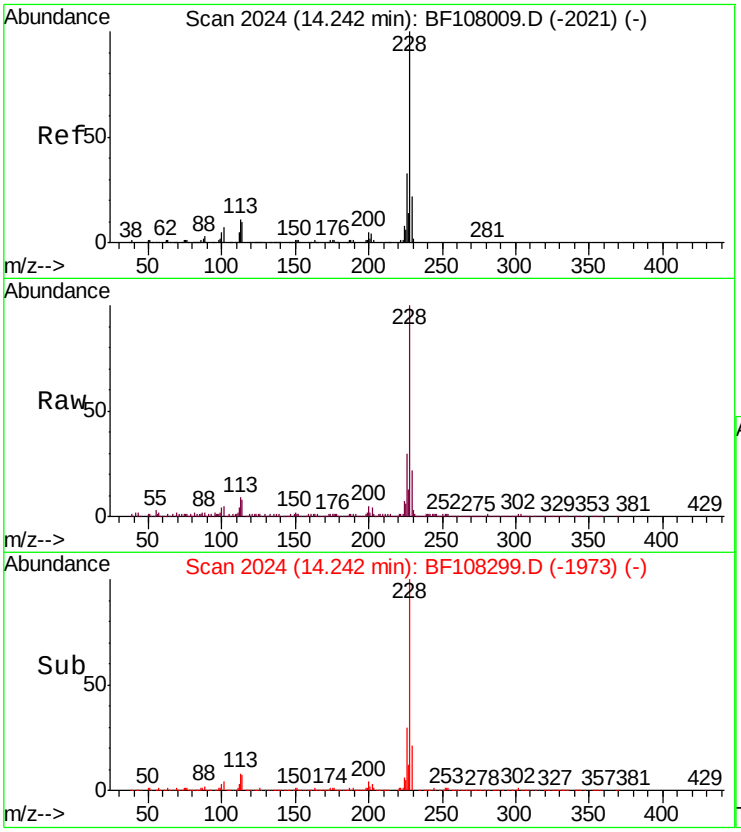


#80
Benzo(a)anthracene
Concen: 16.380 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion:228 Resp: 336825

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	21.7	15.8	23.6



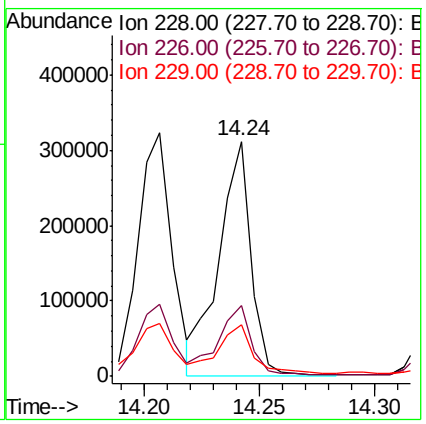


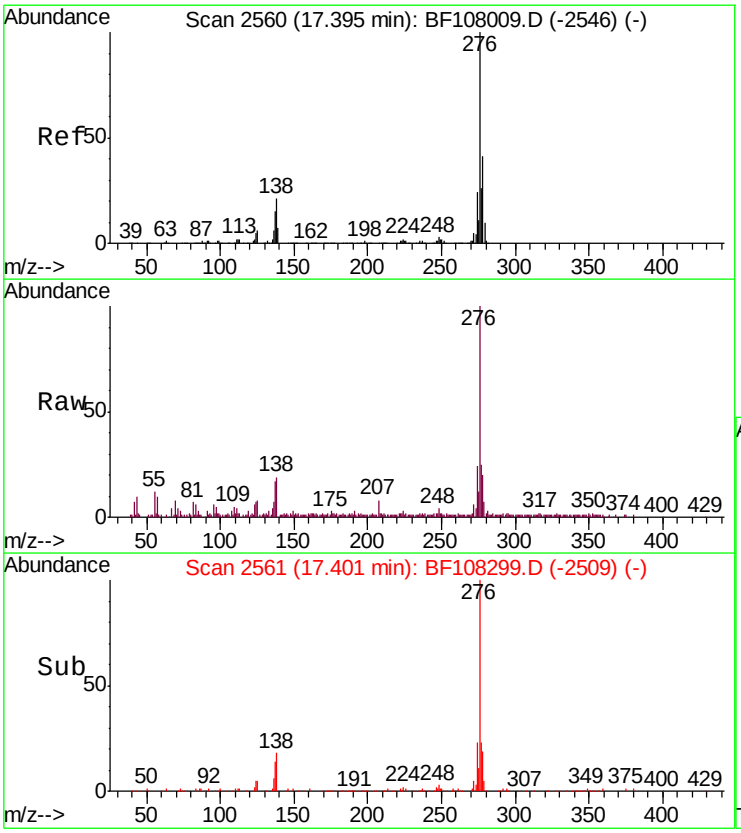
#82
Chrysene
Concen: 15.991 ng
RT: 14.24 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:228 Resp: 301470

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.8	16.2	24.4

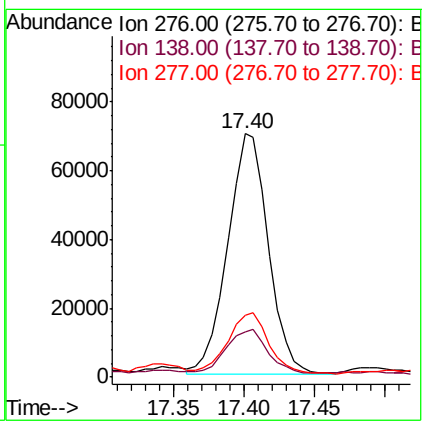


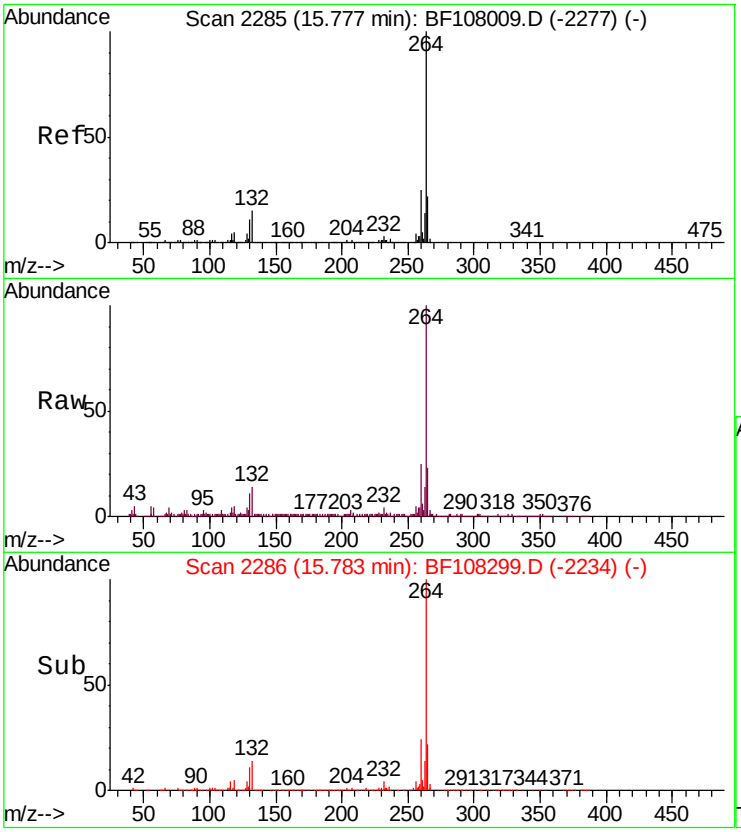


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.560 ng
RT: 17.40 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion:276 Resp: 139827

Ion	Ratio	Lower	Upper
276	100		
138	18.5	25.0	37.6#
277	24.7	20.1	30.1



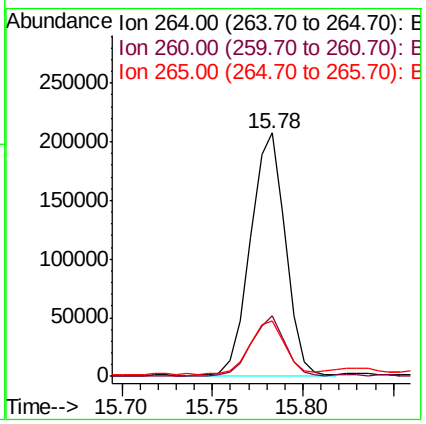


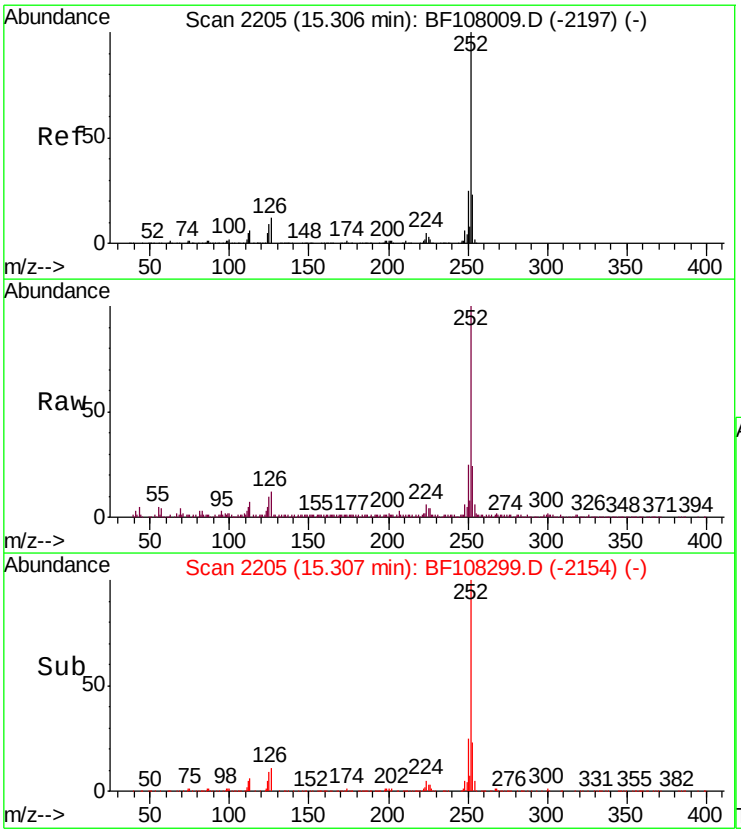
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:264 Resp: 275663

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.8	17.5	26.3

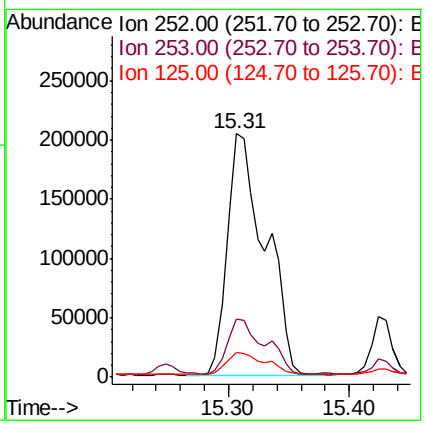


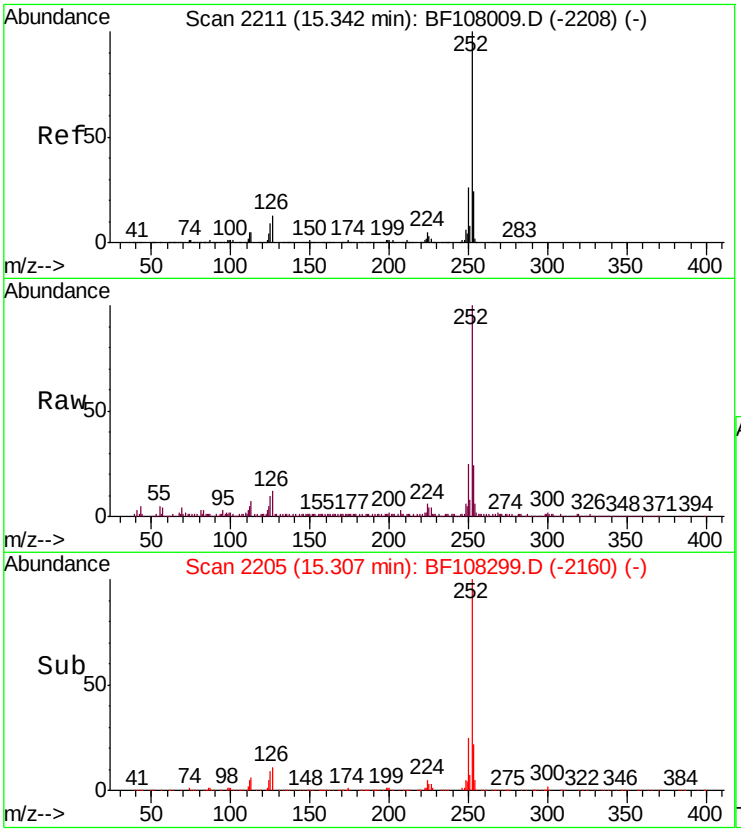


#87
Benzo(b)fluoranthene
Concen: 27.050 ng
RT: 15.31 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion:252 Resp: 445572

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	10.3	9.0	13.6



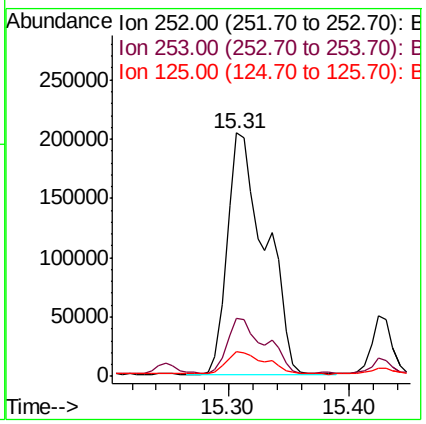


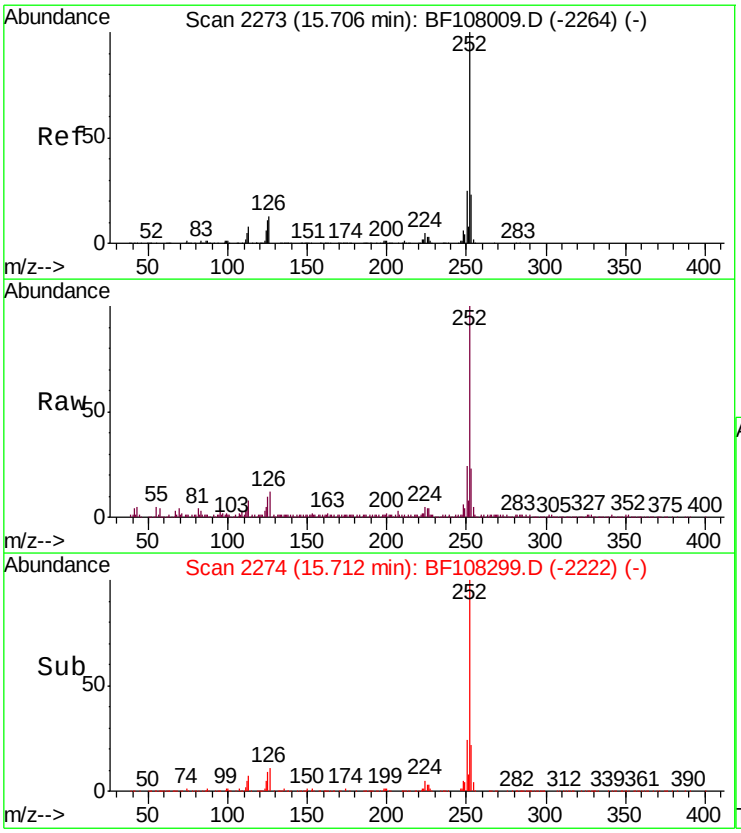
#88
Benzo(k)fluoranthene
Concen: 29.427 ng
RT: 15.31 min Scan# 2205
Delta R.T. -0.04 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:252 Resp: 445572

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	10.3	10.2	15.2

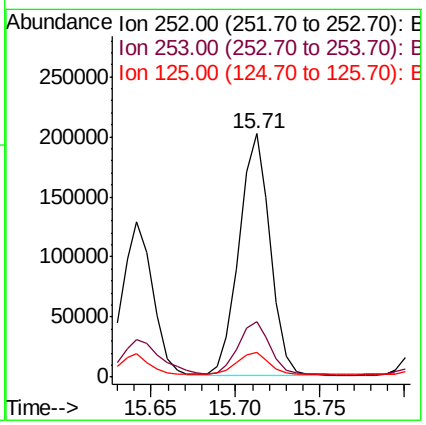


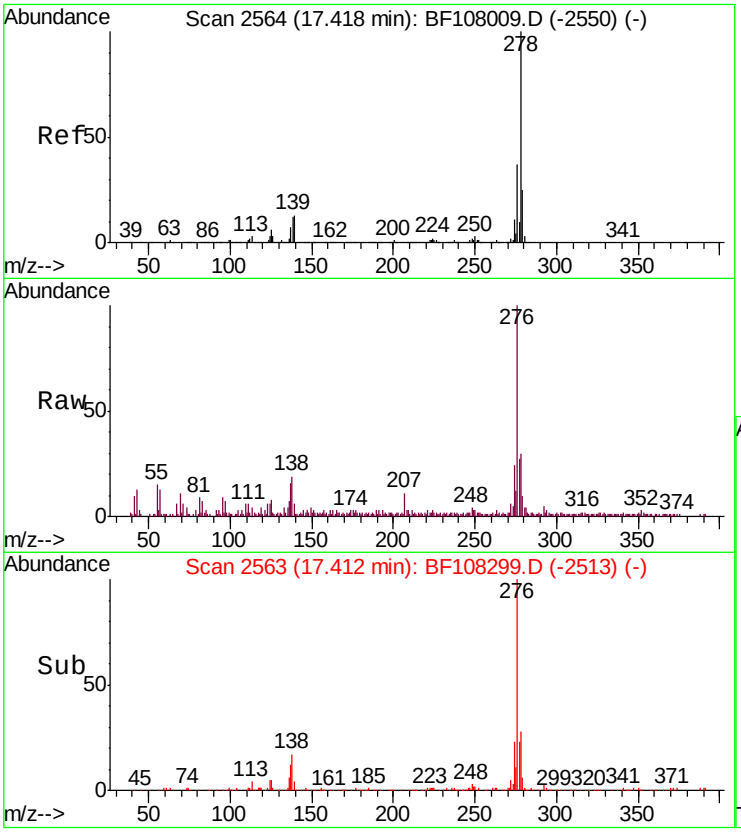


#89
Benzo(a)pyrene
Concen: 17.480 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion:252 Resp: 257827

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	10.0	9.8	14.6



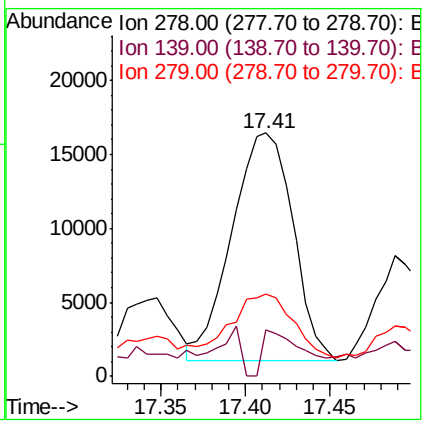


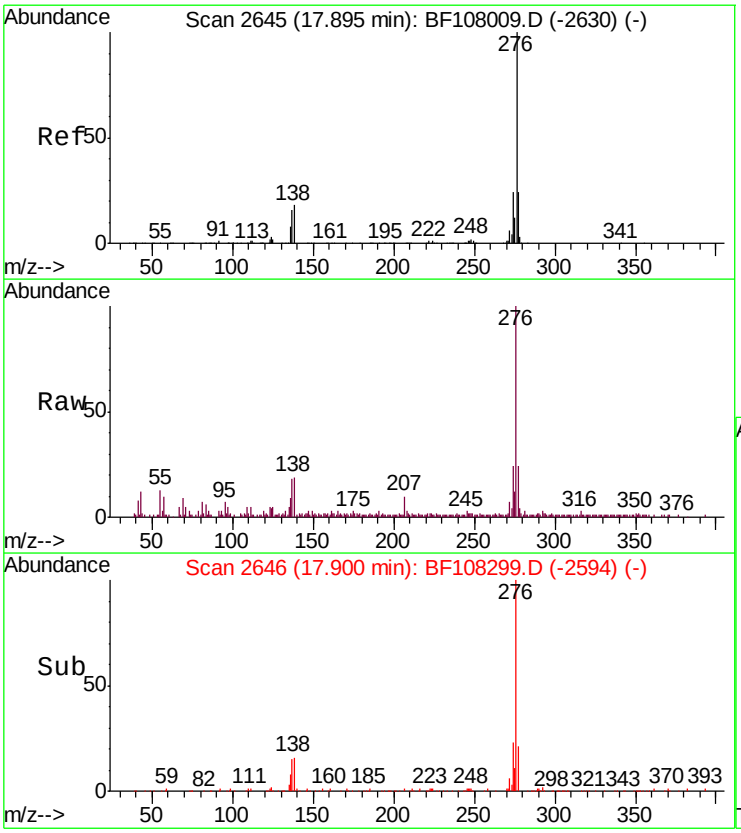
#90
Dibenzo(a,h)anthracene
Concen: 3.173 ng
RT: 17.41 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:278 Resp: 38727

Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.9	23.9
279	33.9	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 11.045 ng
RT: 17.90 min Scan# 2646
Delta R.T. 0.01 min
Lab File: BF108299.D
Acq: 20 Aug 2018 19:24

Tgt Ion:276 Resp: 132738

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	19.2	21.8	32.8#