Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
Data File : BF112062.D
Acq On : 14 Jan 2019 20:29
Operator : JU/SJ
Sample : K1102-01DL 25X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(15-20)DL

Quant Time: Jan 14 21:06:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	96729	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	362556	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	160423	20.00	ng		-0.01
64) Phenanthrene-d10	11.39	188	252335	20.00	ng		0.00
76) Chrysene-d12	14.04	240	248971	20.00	ng		0.00
87) Perylene-d12	15.52	264	217318	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	16016	2.83	ng		0.00
7) Phenol-d6	6.51	99	19929	2.73	ng		0.00
23) Nitrobenzene-d5	7.42	82	13032	1.92	ng		-0.02
42) 2,4,6-Tribromophenol	10.69	330	4297	2.06	ng		-0.01
45) 2-Fluorobiphenyl	9.22	172	24488	2.23	ng		-0.01
79) Terphenyl-d14	12.97	244	19512	1.49	ng		-0.01
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.40	42	10894	3.417	ng	#	1
9) Benzaldehyde	6.40	77	886	Below Cal		#	1
18) Hexachloroethane	7.40	117	9030	3.502	ng	#	1
71) Phenanthrene	11.42	178	106030	7.859	ng		100
75) Fluoranthene	12.60	202	82193	5.935	ng		98
78) Pyrene	12.83	202	65968	3.851	ng		96
81) Benzo(a)anthracene	14.03	228	36447	2.544	ng		99
83) Chrysene	14.06	228	32398	2.371	ng		96
88) Benzo(b)fluoranthene	15.08	252	40844	3.142	ng	#	84
89) Benzo(k)fluoranthene	15.08	252	40844	3.342	ng	#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
Data File : BF112062.D
Acq On : 14 Jan 2019 20:29
Operator : JU/SJ
Sample : K1102-01DL 25X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-18(15-20)DL

Quant Time: Jan 14 21:06:48 2019
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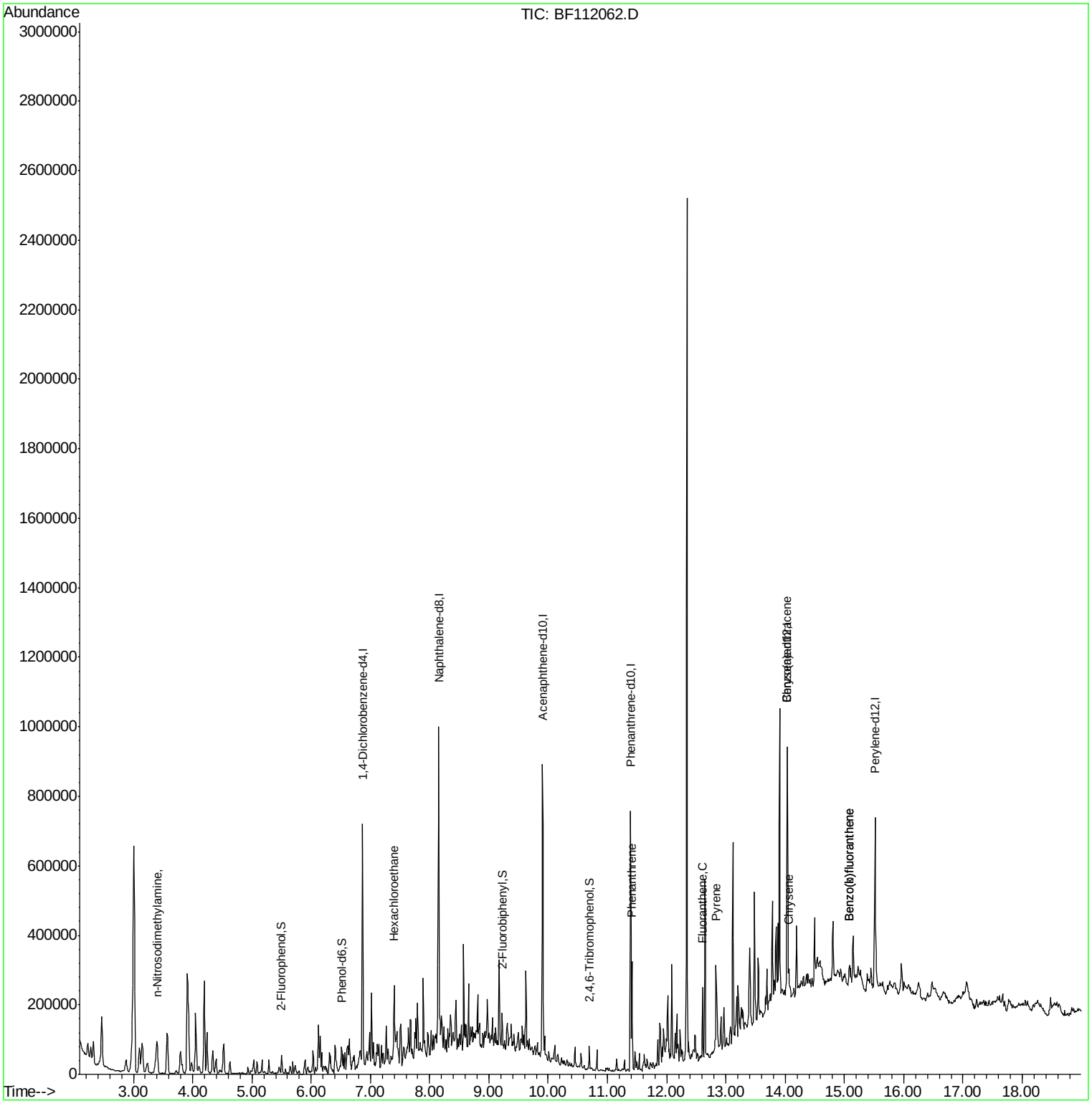
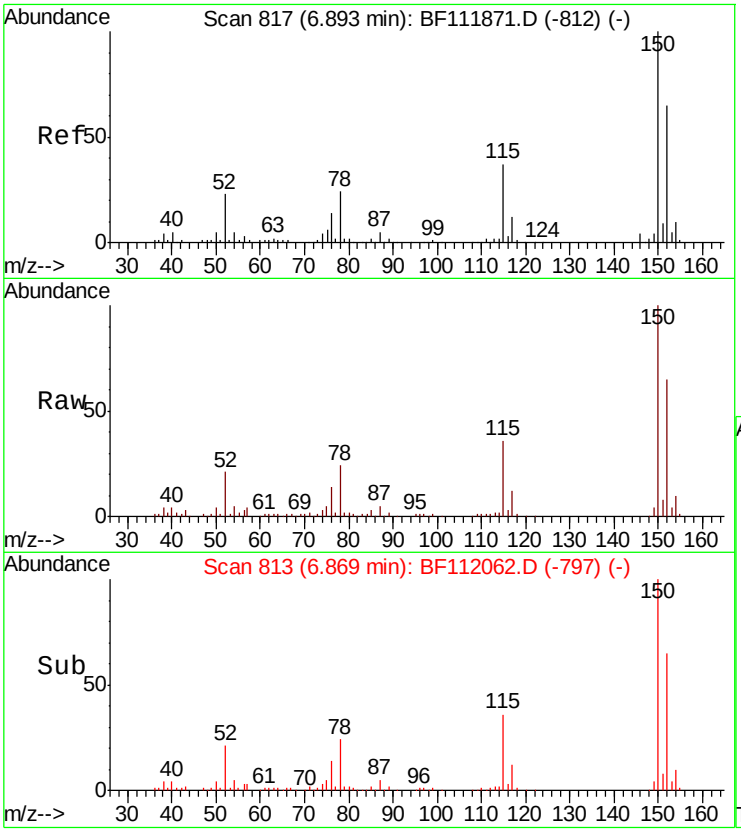
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration



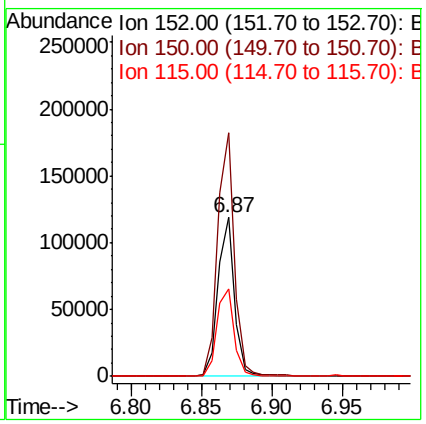


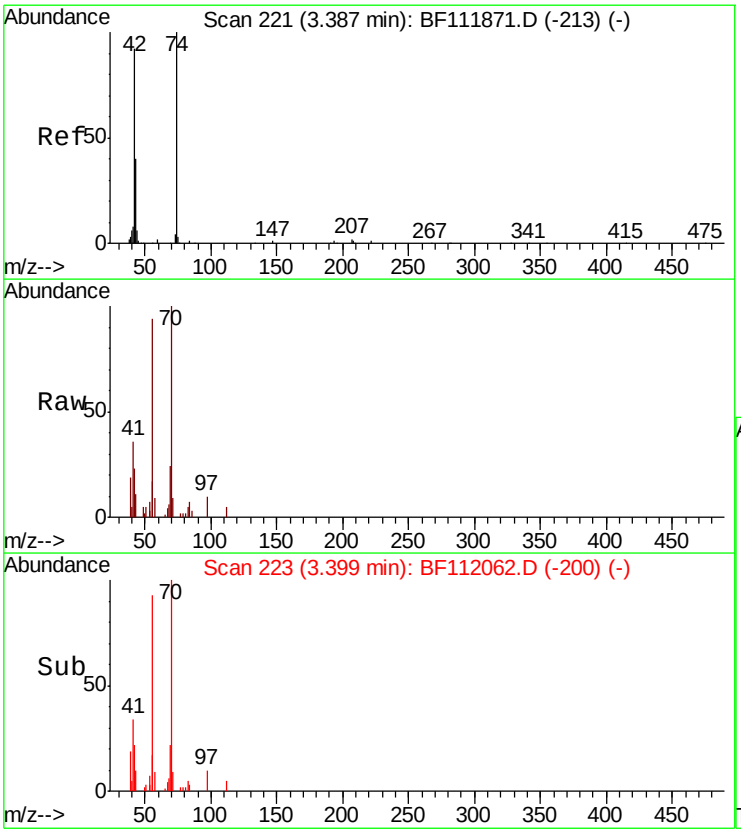
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Instrument :
BNA_F
ClientSampleId :
CPSB-18(15-20)DL

Tgt Ion:152 Resp: 96729

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.7	184.1
115	55.4	45.2	67.8

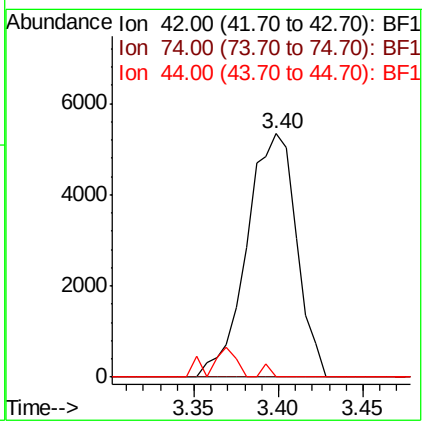


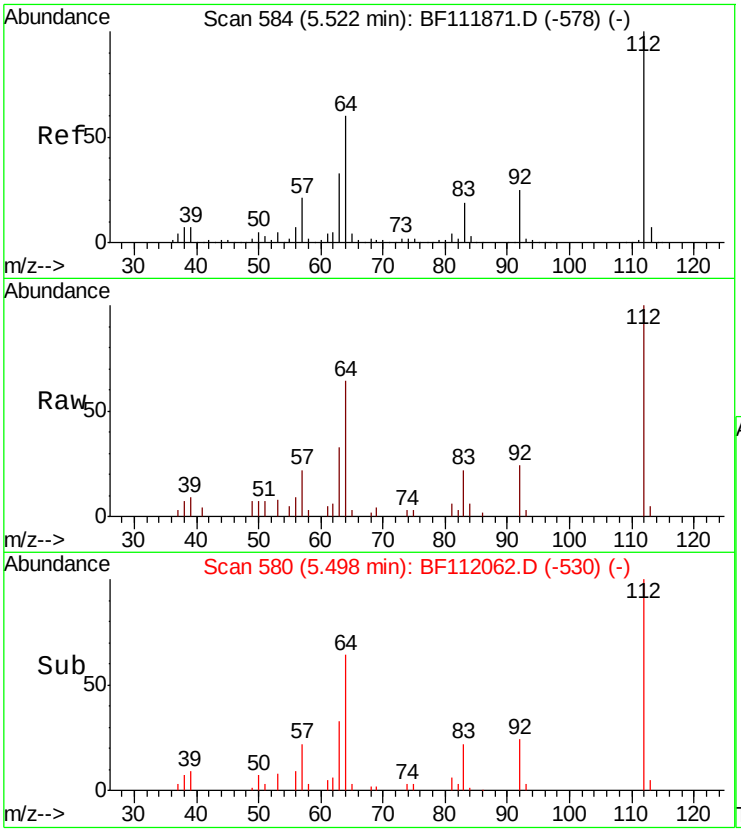


#4
n-Nitrosodimethylamine
Concen: 3.417 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.04 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Tgt Ion: 42 Resp: 10894

Ion	Ratio	Lower	Upper
42	100		
74	0.0	87.0	130.6#
44	0.0	5.5	8.3#



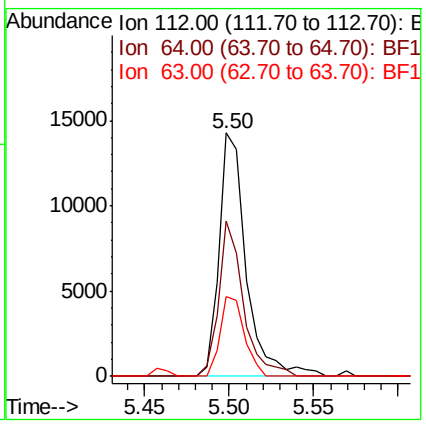


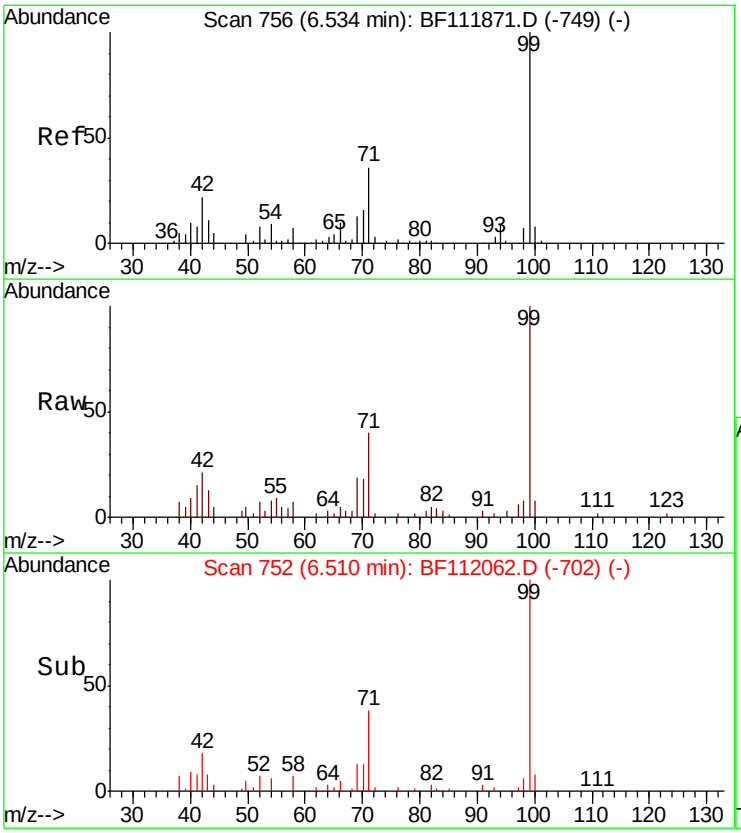
#5
2-Fluorophenol
Concen: 2.833 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Instrument :
BNA_F
ClientSampleId :
CPSB-18(15-20)DL

Tgt Ion:112 Resp: 16016

Ion	Ratio	Lower	Upper
112	100		
64	64.0	48.3	72.5
63	32.6	26.1	39.1

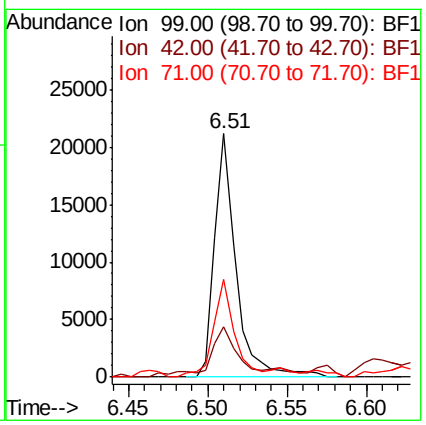


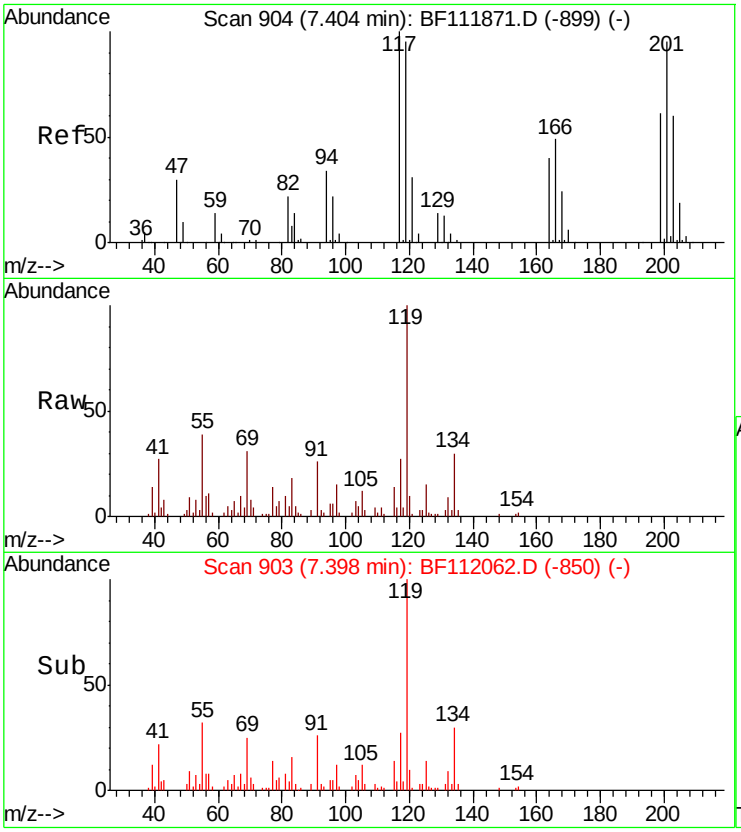


#7
Phenol-d6
Concen: 2.735 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Tgt Ion: 99 Resp: 19929

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.9	26.9
71	40.3	28.7	43.1



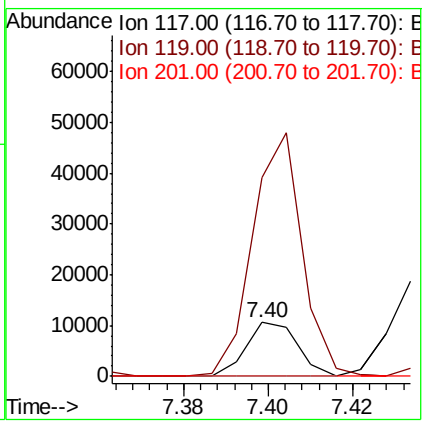


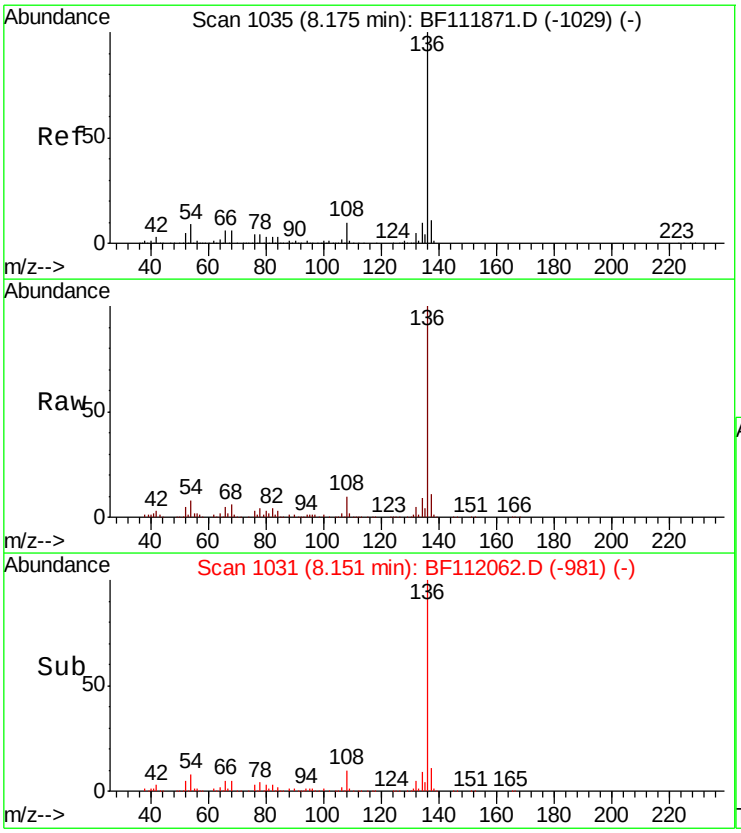
#18
Hexachloroethane
Concen: 3.502 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Instrument :
BNA_F
ClientSampleId :
CPSB-18(15-20)DL

Tgt Ion:117 Resp: 9030

Ion	Ratio	Lower	Upper
117	100		
119	370.8	76.2	114.2#
201	0.0	75.7	113.5#

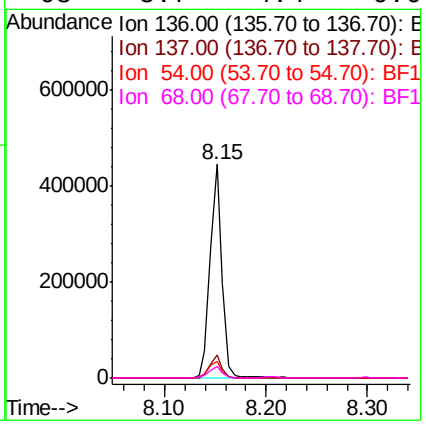


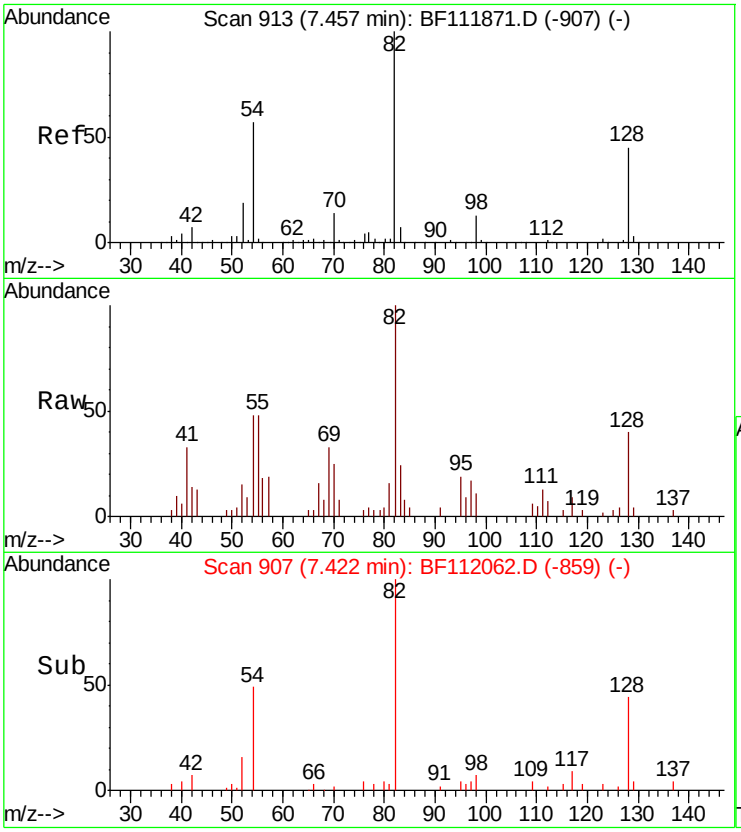


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Tgt Ion:136 Resp: 362556

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.0	7.2	10.8
68	5.7	4.4	6.6



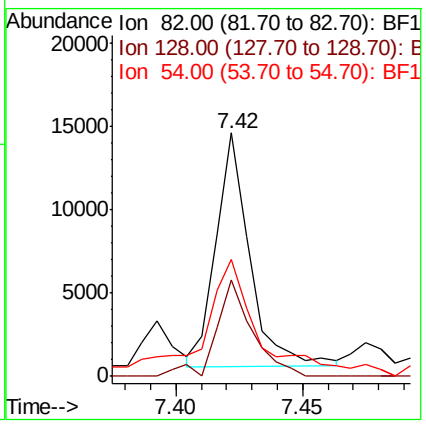


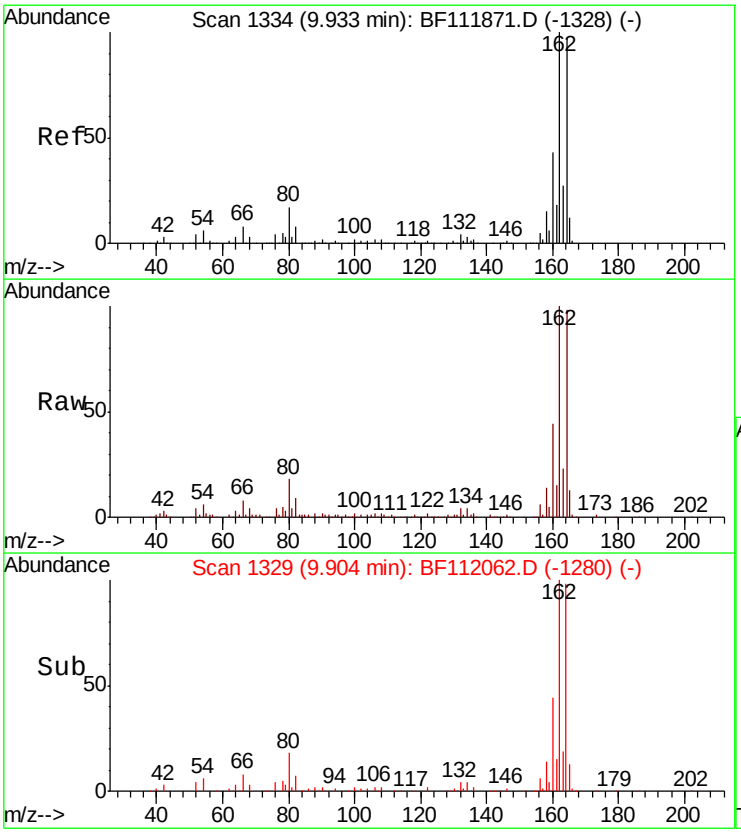
#23
Nitrobenzene-d5
Concen: 1.921 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Instrument :
BNA_F
ClientSampleId :
CPSB-18(15-20)DL

Tgt Ion: 82 Resp: 13032

Ion	Ratio	Lower	Upper
82	100		
128	39.5	35.7	53.5
54	48.2	45.8	68.8

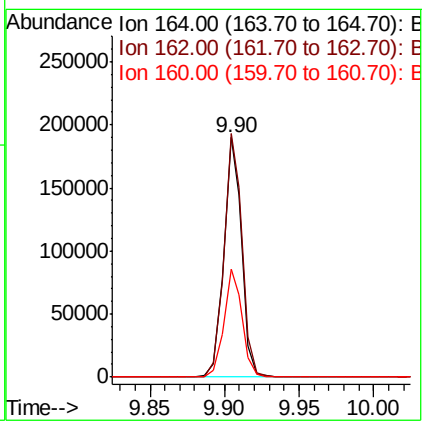


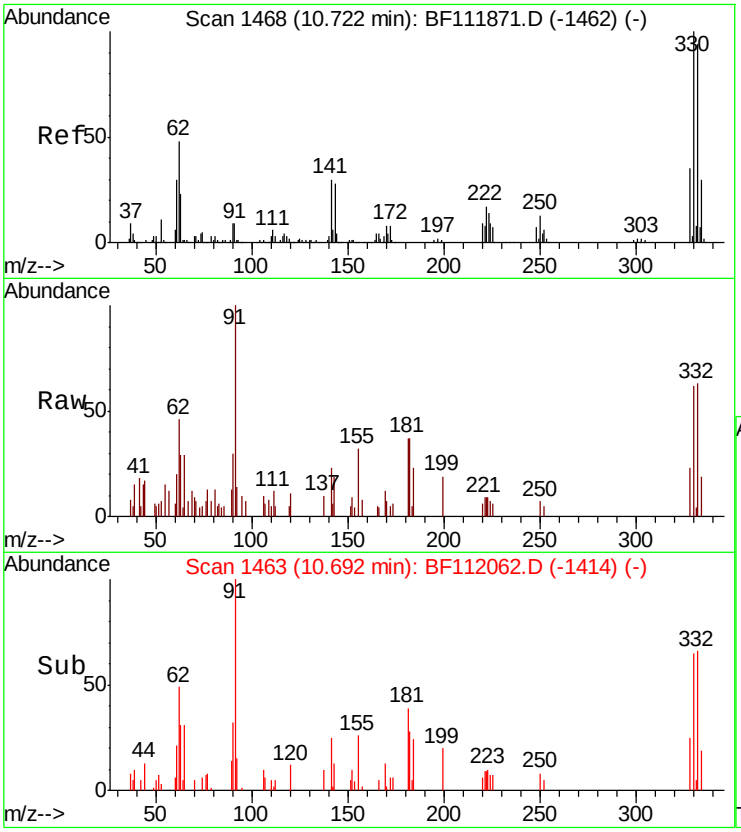


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Tgt Ion:164 Resp: 160423

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	45.1	35.5	53.3



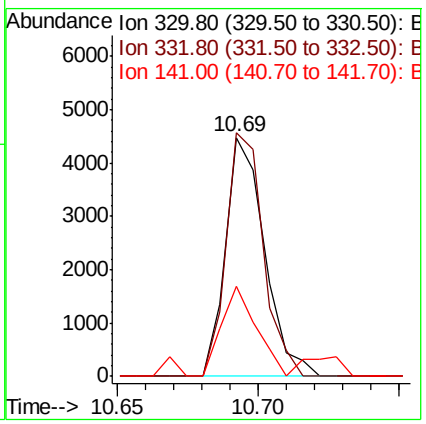


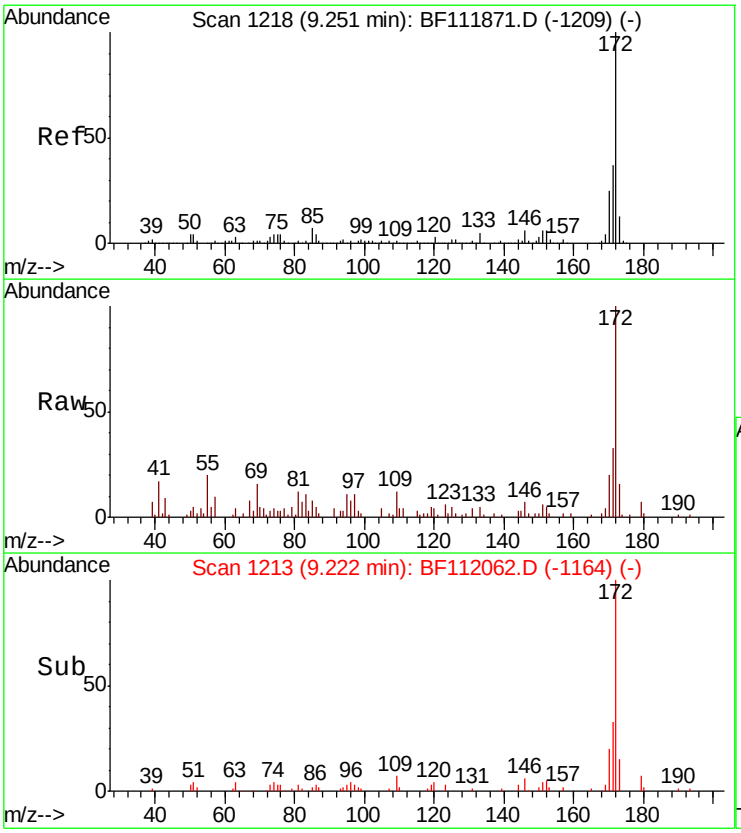
#42
2,4,6-Tribromophenol
Concen: 2.059 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Instrument :
BNA_F
ClientSampleId :
CPSB-18(15-20)DL

Tgt Ion:330 Resp: 4297

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	36.7	23.7	35.5#

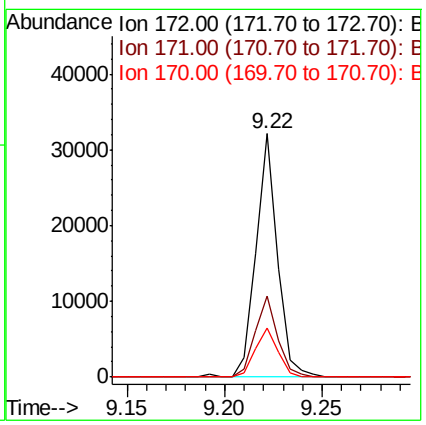


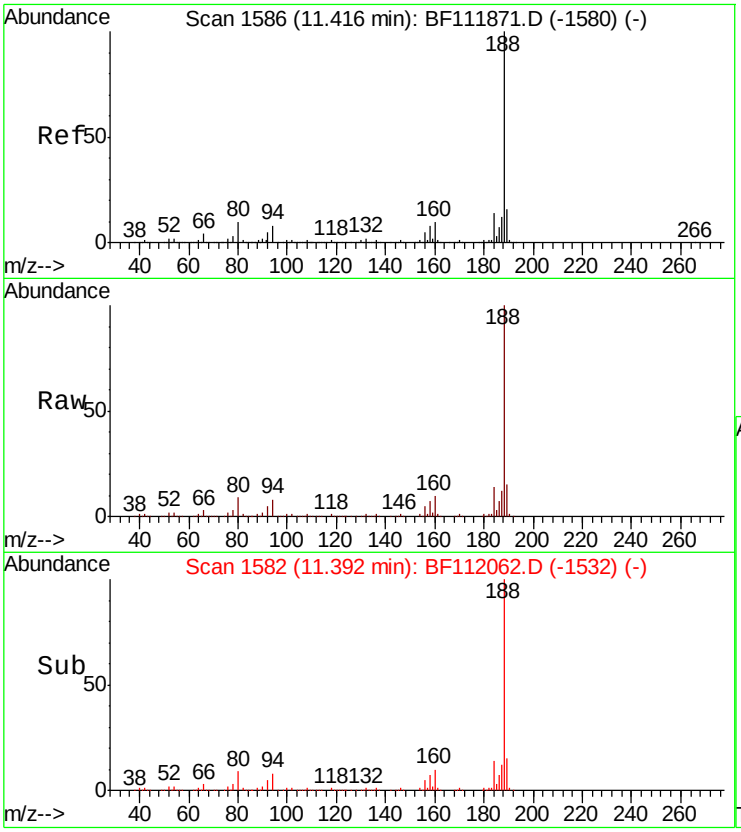


#45
2-Fluorobiphenyl
Concen: 2.226 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Tgt Ion:172 Resp: 24488

Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.6	44.4
170	20.2	19.8	29.8



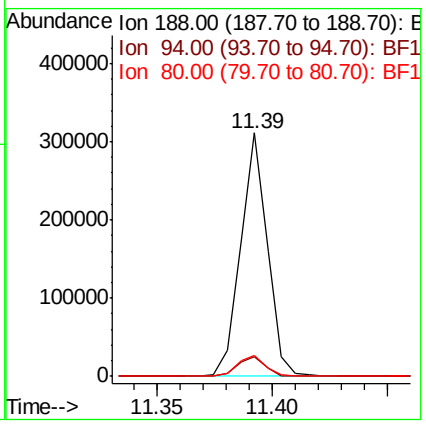


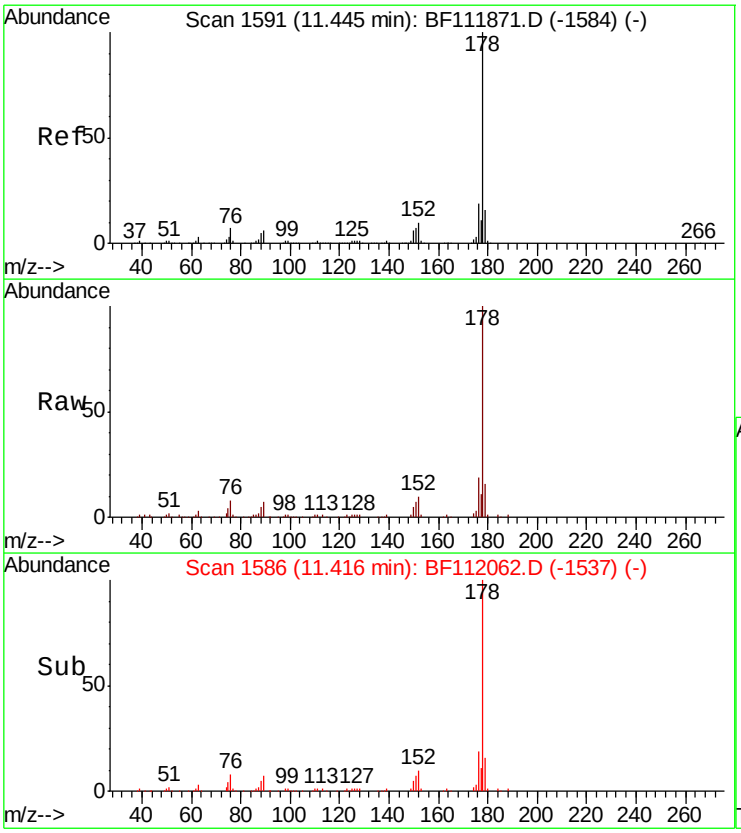
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Instrument :
BNA_F
ClientSampleId :
CPSB-18(15-20)DL

Tgt Ion:188 Resp: 252335

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	8.7	7.7	11.5

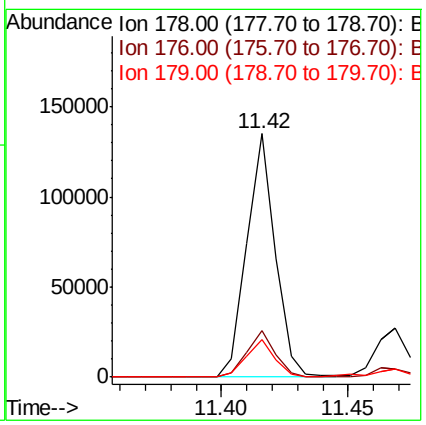


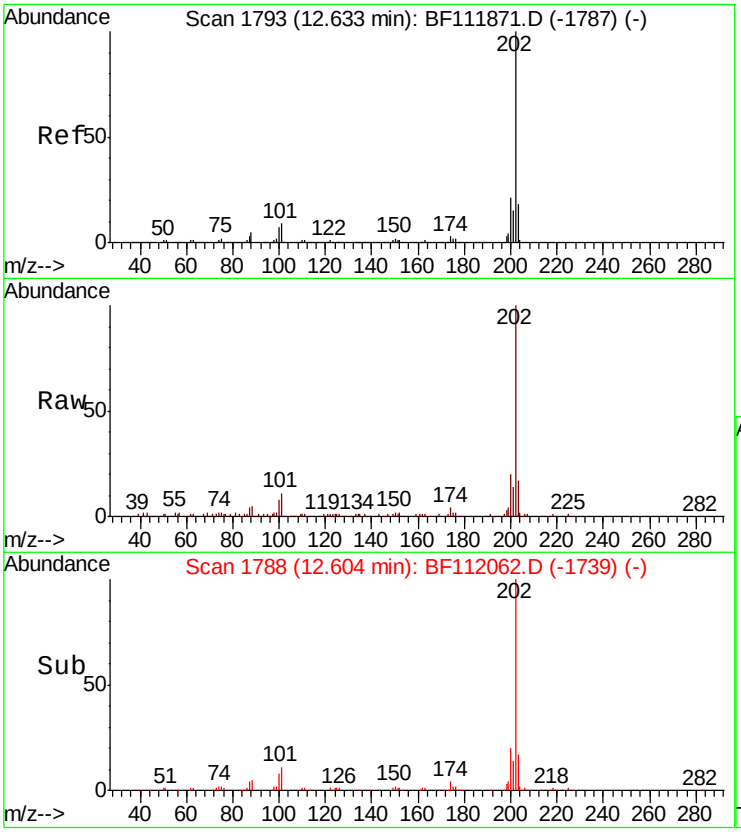


#71
Phenanthrene
Concen: 7.859 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Tgt Ion:178 Resp: 106030

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.6	12.6	18.8



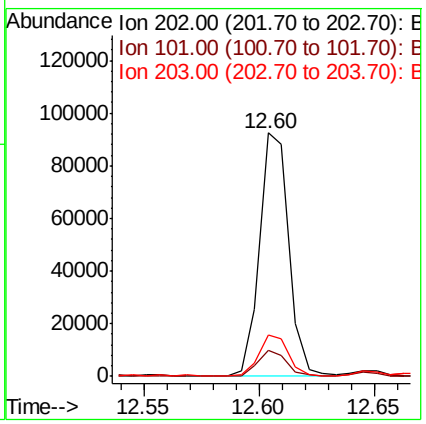


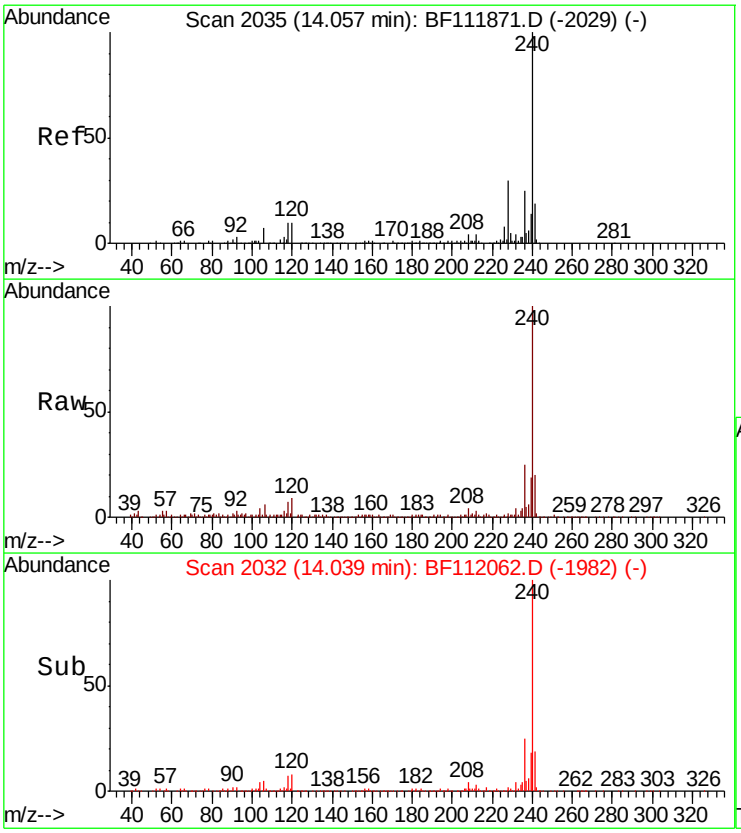
#75
Fluoranthene
Concen: 5.935 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Instrument :
BNA_F
ClientSampleId :
CPSB-18(15-20)DL

Tgt Ion:202 Resp: 82193

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	29.3
203	17.1	0.0	37.6

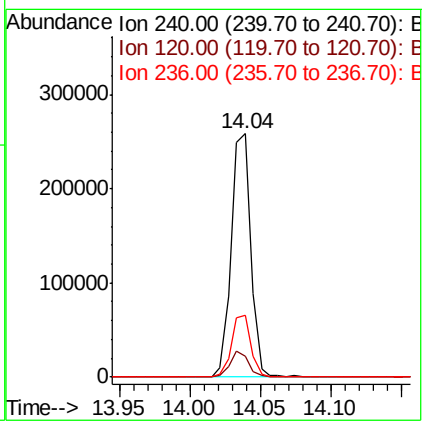


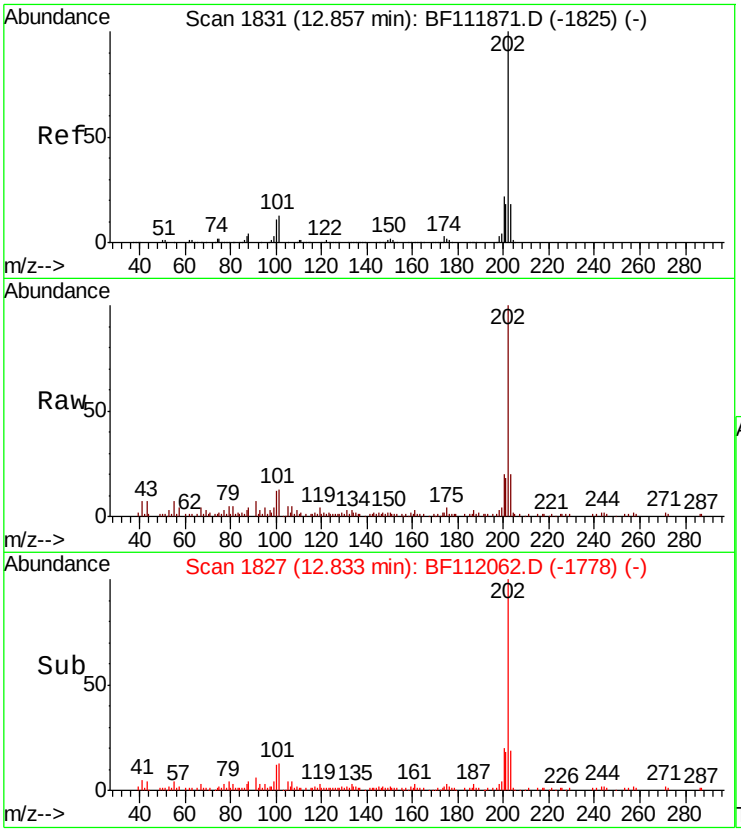


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Tgt Ion:240 Resp: 248971

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.2	12.2
236	25.4	20.2	30.4



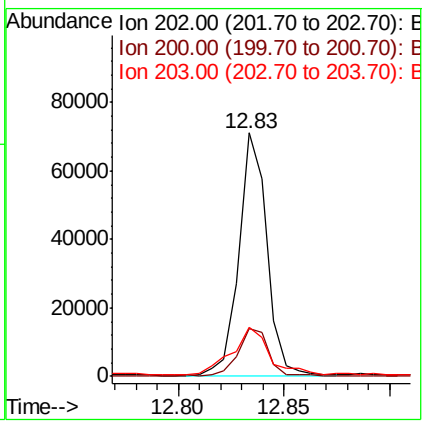


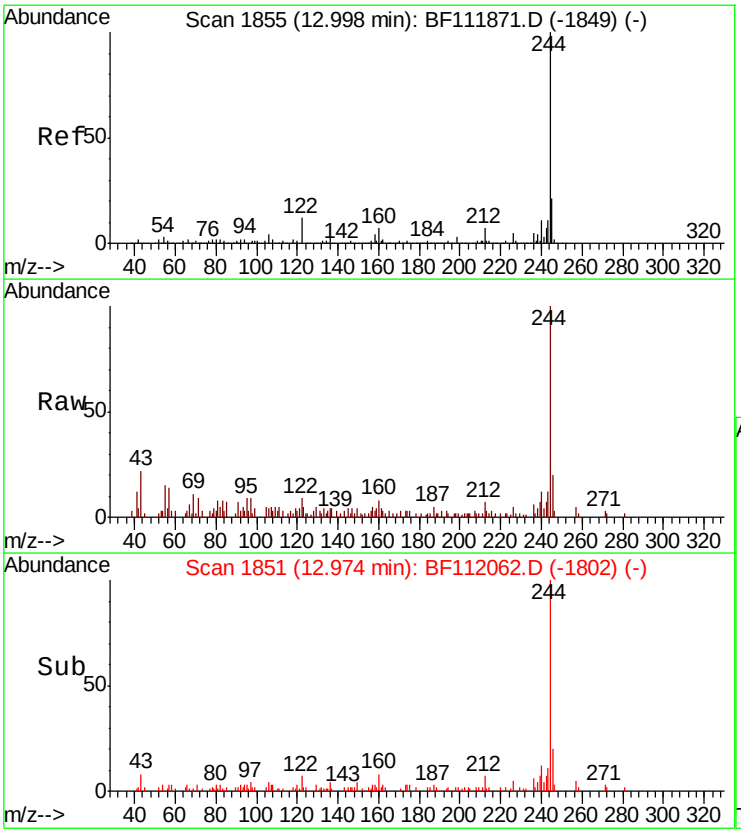
#78
Pyrene
Concen: 3.851 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Instrument :
BNA_F
ClientSampleId :
CPSB-18(15-20)DL

Tgt Ion:202 Resp: 65968

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.4	26.2
203	19.9	14.6	21.8

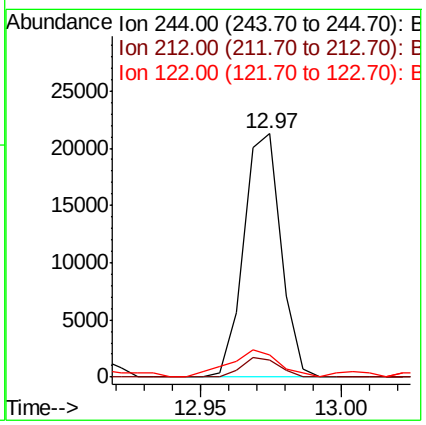


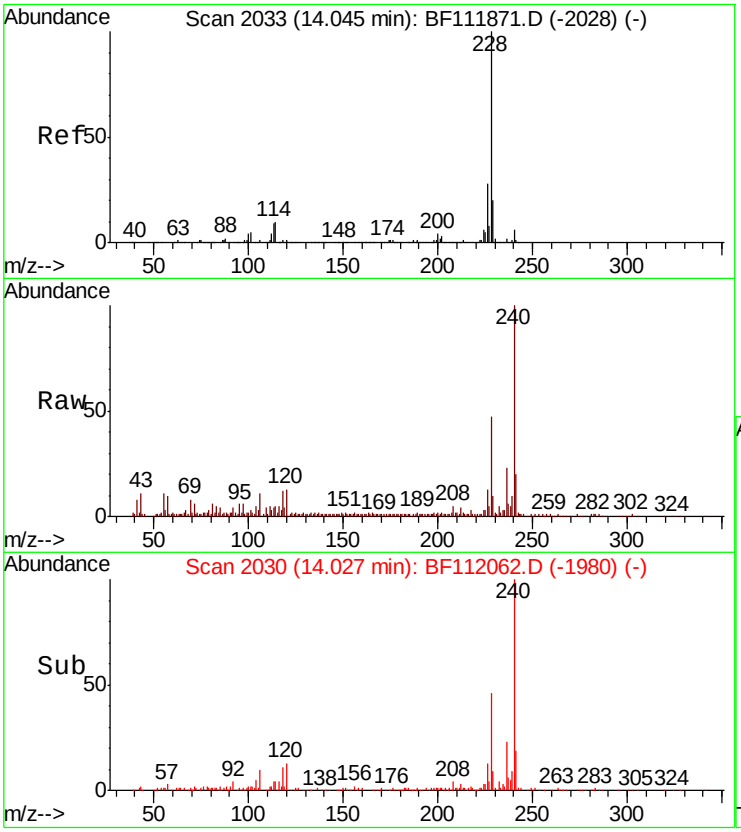


#79
Terphenyl-d14
Concen: 1.488 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Tgt Ion:244 Resp: 19512

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.0	9.5	14.3#



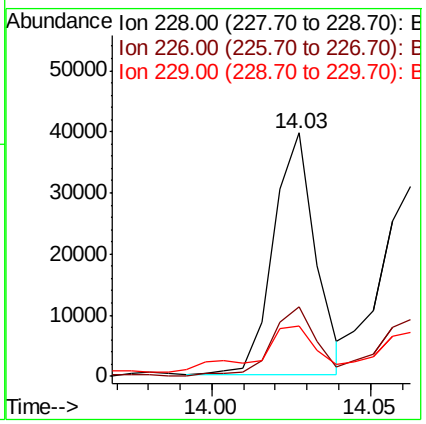


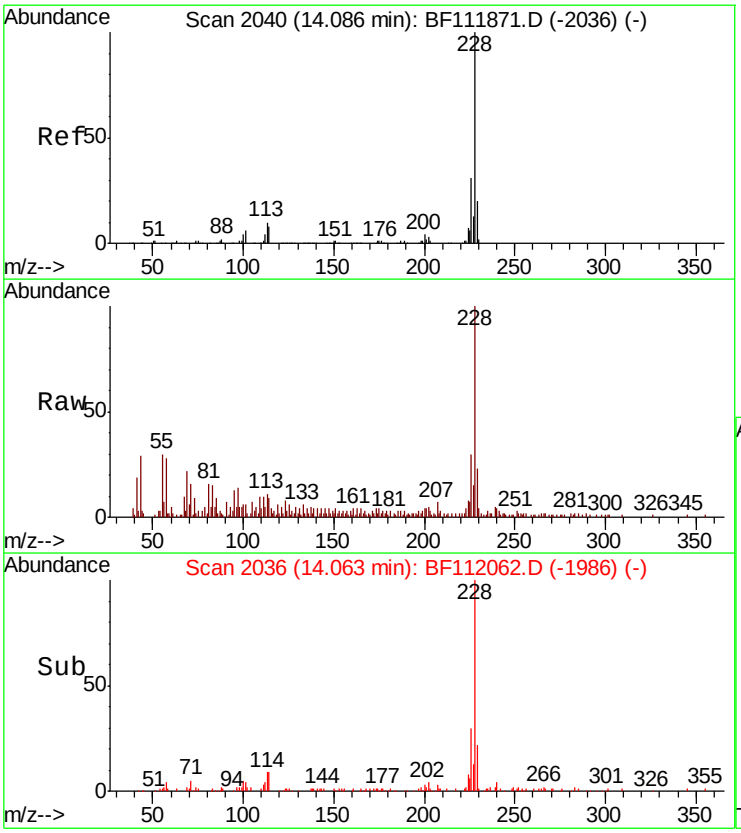
#81
Benzo(a)anthracene
Concen: 2.544 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Instrument :
BNA_F
ClientSampleId :
CPSB-18(15-20)DL

Tgt Ion:228 Resp: 36447

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.2
229	20.8	16.2	24.2

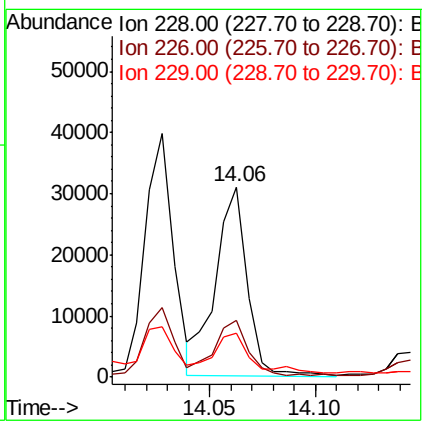


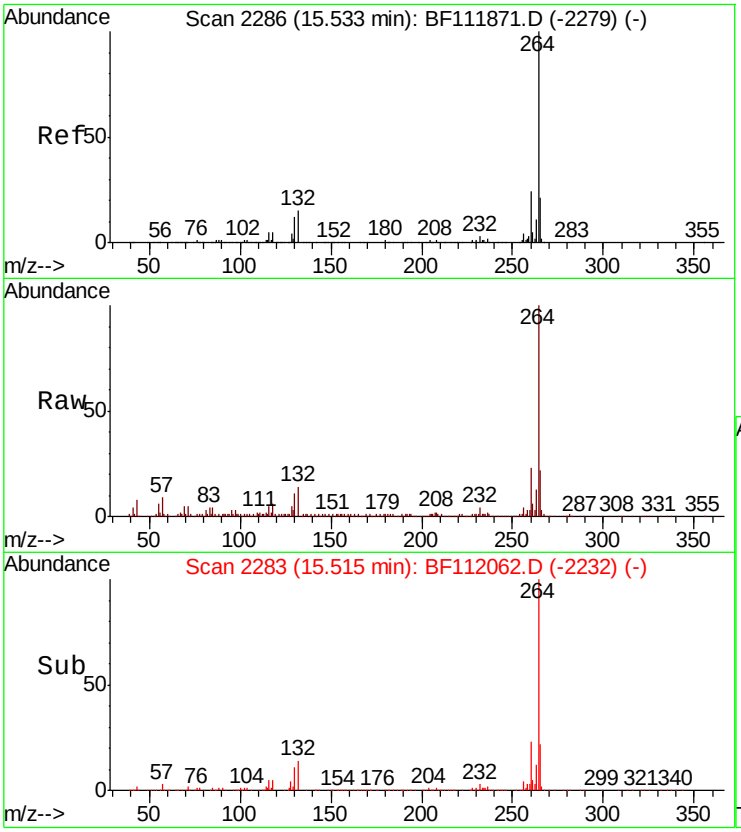


#83
Chrysene
Concen: 2.371 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Tgt Ion:228 Resp: 32398

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	23.5	15.7	23.5



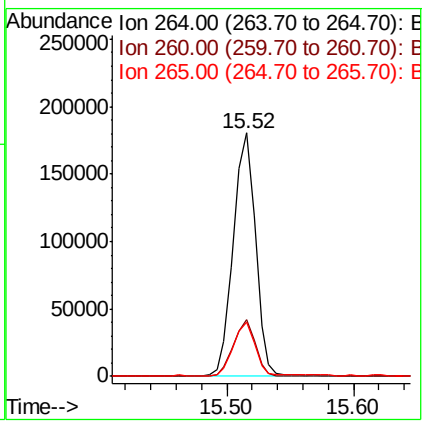


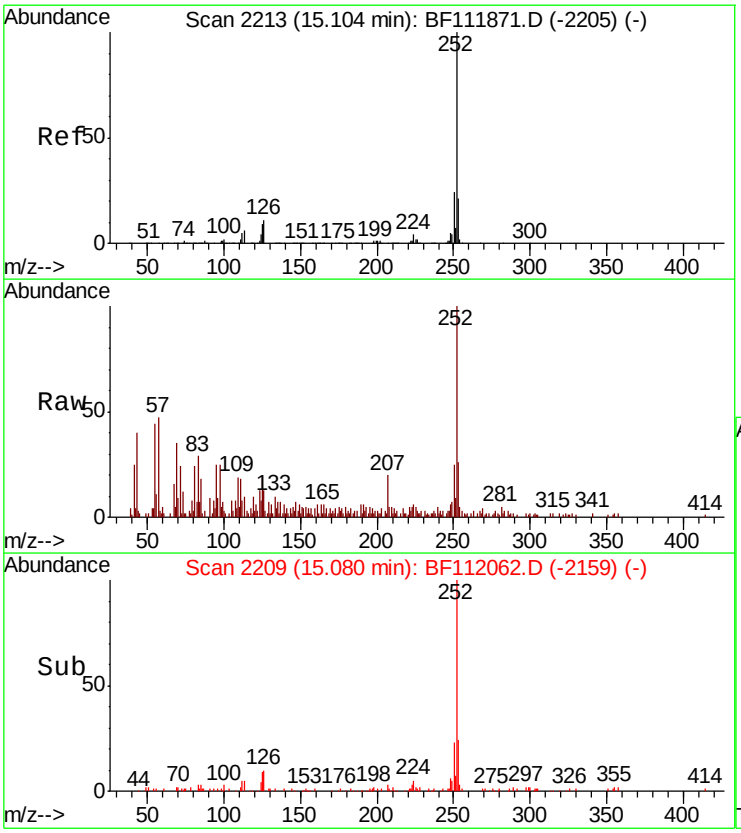
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Instrument :
BNA_F
ClientSampleId :
CPSB-18(15-20)DL

Tgt Ion:264 Resp: 217318

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.3	17.1	25.7

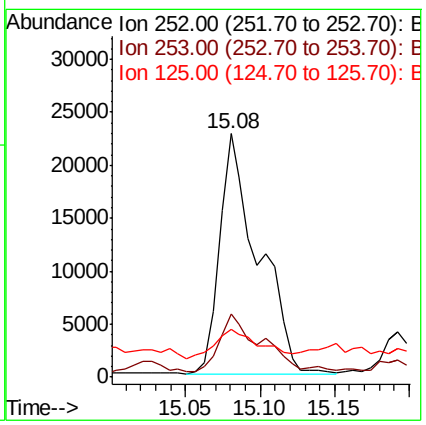


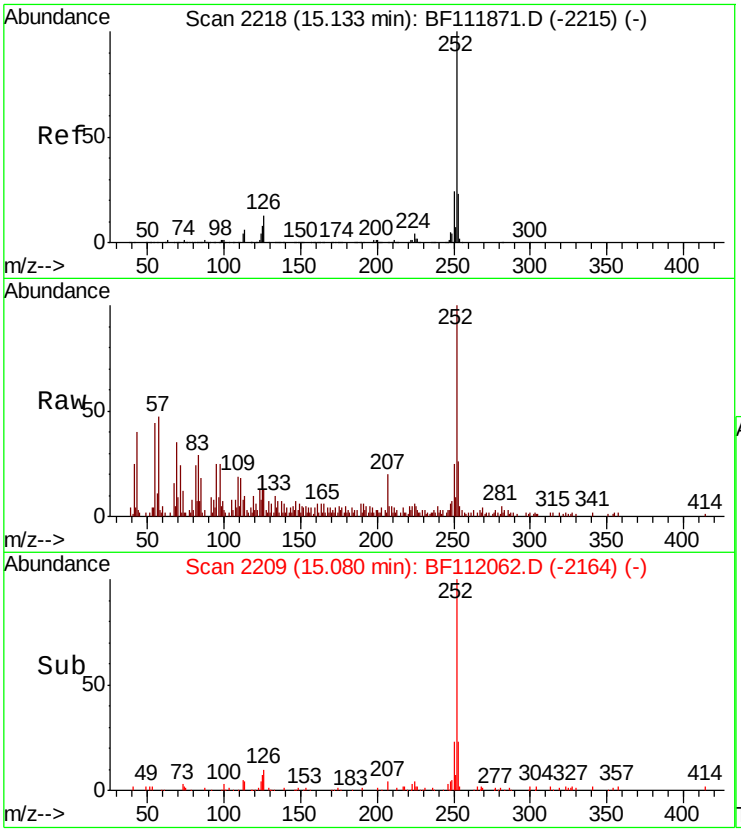


#88
Benzo(b)fluoranthene
Concen: 3.142 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Tgt Ion:252 Resp: 40844

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	19.4	7.1	10.7#





#89
Benzo(k)fluoranthene
Concen: 3.342 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF112062.D
Acq: 14 Jan 2019 20:29

Instrument :
BNA_F
ClientSampleId :
CPSB-18(15-20)DL

Tgt Ion:252 Resp: 40844

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.8	26.6
125	19.4	7.0	10.4#