Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114429.D
Acq On : 20 May 2019 11:00
Operator : JU/SJ
Sample : K2894-10RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-2.5-3.5

Quant Time: May 20 14:23:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	188397	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	725701	20.00	ng		-0.01
39) Acenaphthene-d10	9.86	164	339012	20.00	ng		-0.01
64) Phenanthrene-d10	11.35	188	680220	20.00	ng		0.00
76) Chrysene-d12	14.00	240	495994	20.00	ng		0.00
87) Perylene-d12	15.48	264	477141	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1083156	92.52	ng		0.00
7) Phenol-d6	6.47	99	1418116	102.42	ng		-0.01
23) Nitrobenzene-d5	7.39	82	827893	64.02	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	322692	92.07	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1249942	55.77	ng		0.00
79) Terphenyl-d14	12.93	244	1172514	48.73	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	112127	12.776	ng	#	75
25) Isophorone	7.39	82	827888	34.521	ng	#	64
32) Benzoic acid	7.93	122	393	7.068	ng	#	1
50) Dimethylphthalate	9.58	163	292292	11.745	ng		99
54) 2,4-Dinitrophenol	10.16	184	132	6.789	ng	#	41
67) 4-Bromophenyl-phenylether	10.66	248	21351	2.851	ng	#	1
71) Phenanthrene	11.37	178	156353	4.725	ng		95
75) Fluoranthene	12.56	202	523721	14.696	ng		98
78) Pyrene	12.79	202	495038	12.407	ng		99
81) Benzo(a)anthracene	13.99	228	275164	8.577	ng		98
83) Chrysene	14.02	228	219909	6.993	ng		97
86) Indeno(1,2,3-cd)pyrene	16.96	276	109585	3.943	ng		97
88) Benzo(b)fluoranthene	15.05	252	333479	10.909	ng		99
89) Benzo(k)fluoranthene	15.05	252	333479	11.876	ng		99
90) Benzo(a)pyrene	15.42	252	188856	7.020	ng		99
92) Benzo(g,h,i)perylene	17.40	276	105041	4.689	ng		97

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

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SB-07-2.5-3.5

Quant Time: May 20 14:23:37 2019
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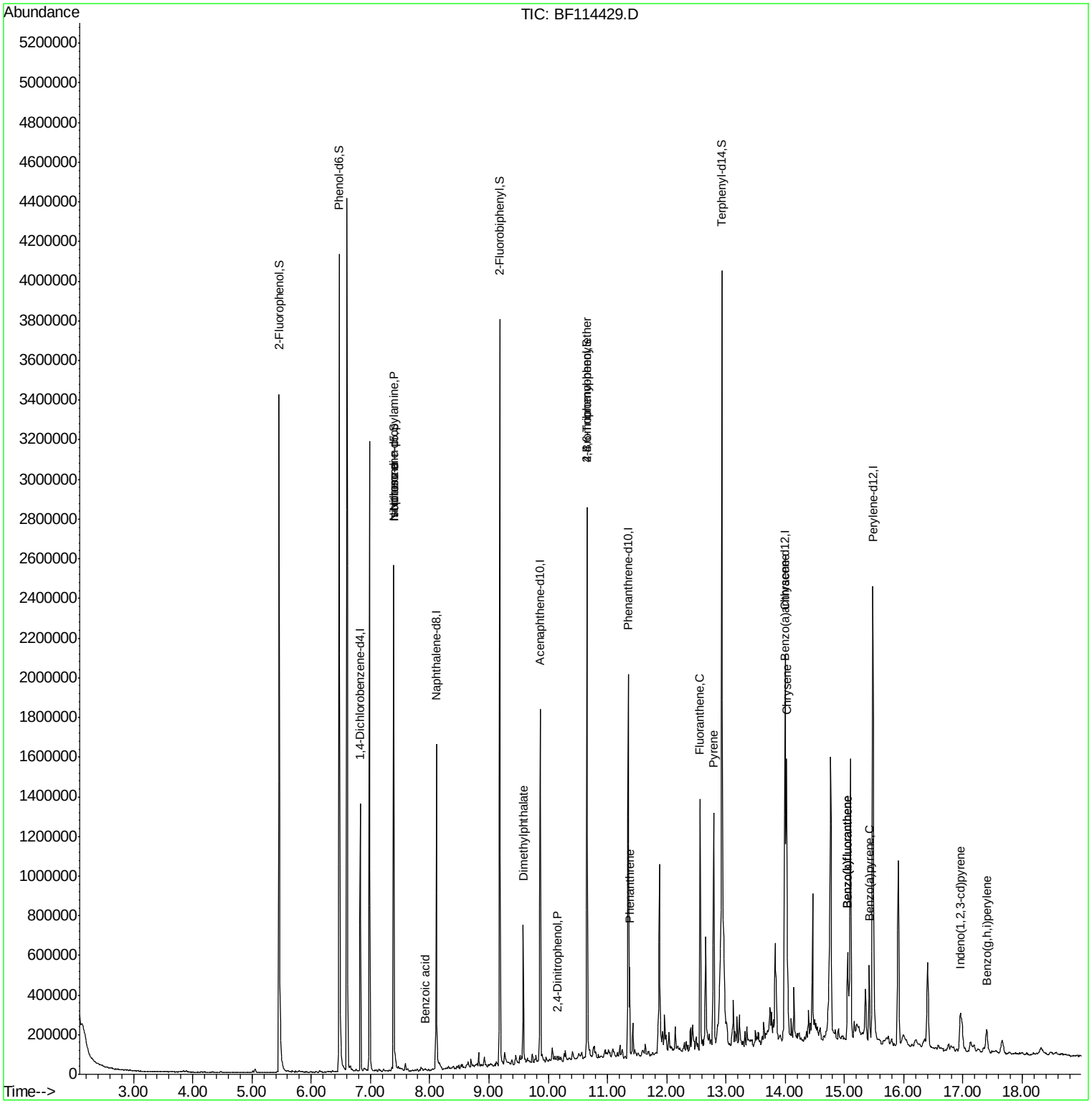
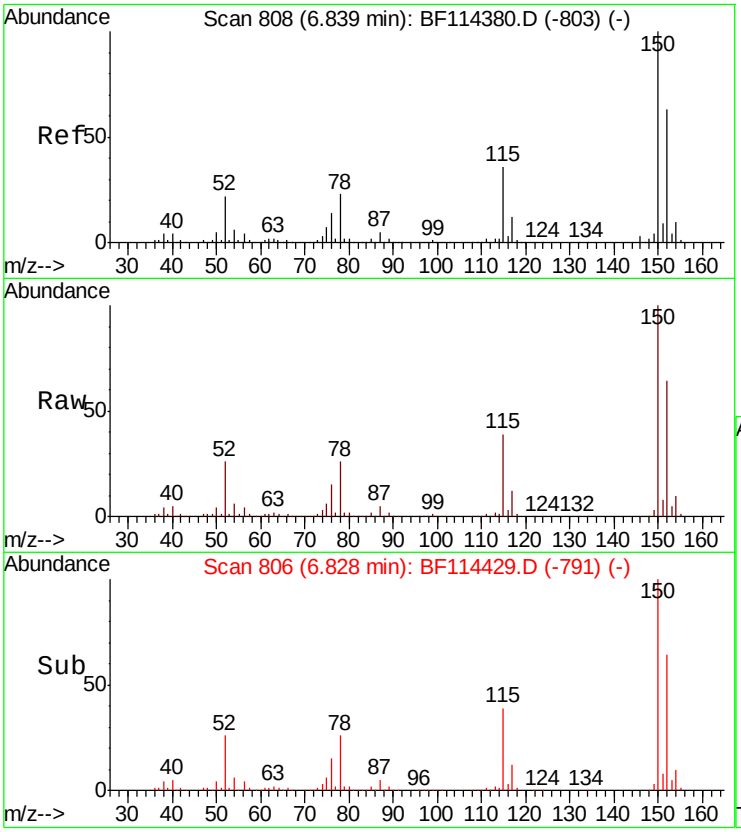


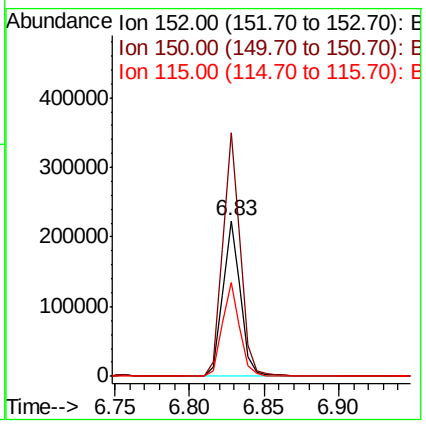


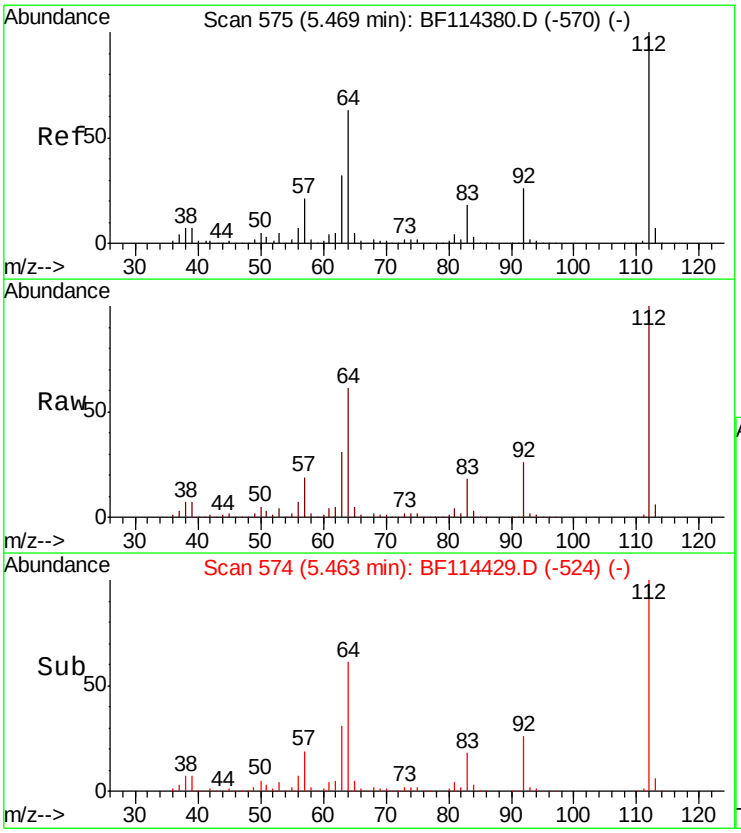
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion:152 Resp: 188397

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.3	186.5
115	60.6	49.1	73.7

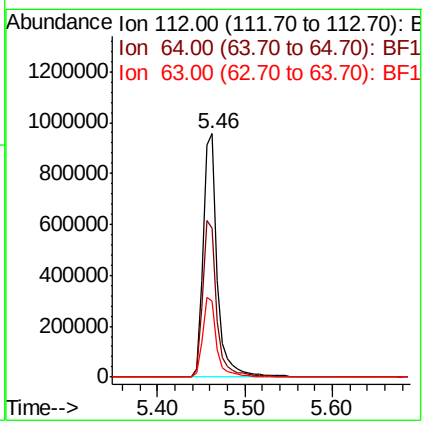


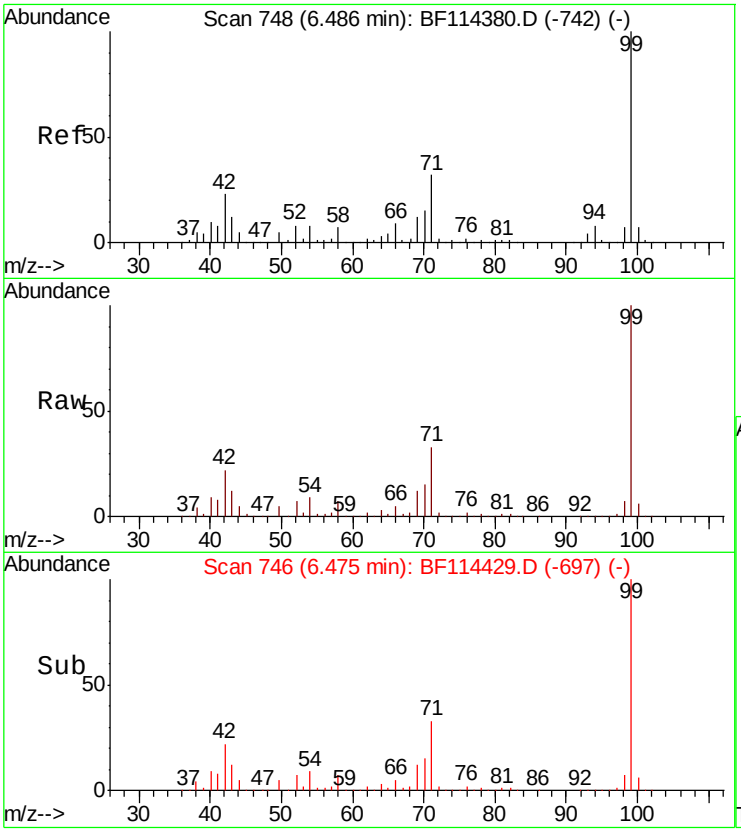


#5
2-Fluorophenol
Concen: 92.522 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion:112 Resp: 1083156

Ion	Ratio	Lower	Upper
112	100		
64	61.3	49.0	73.6
63	31.0	24.6	37.0



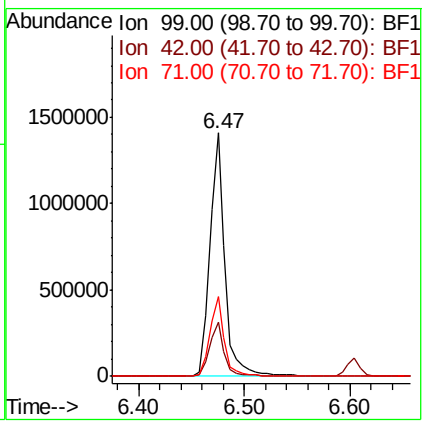


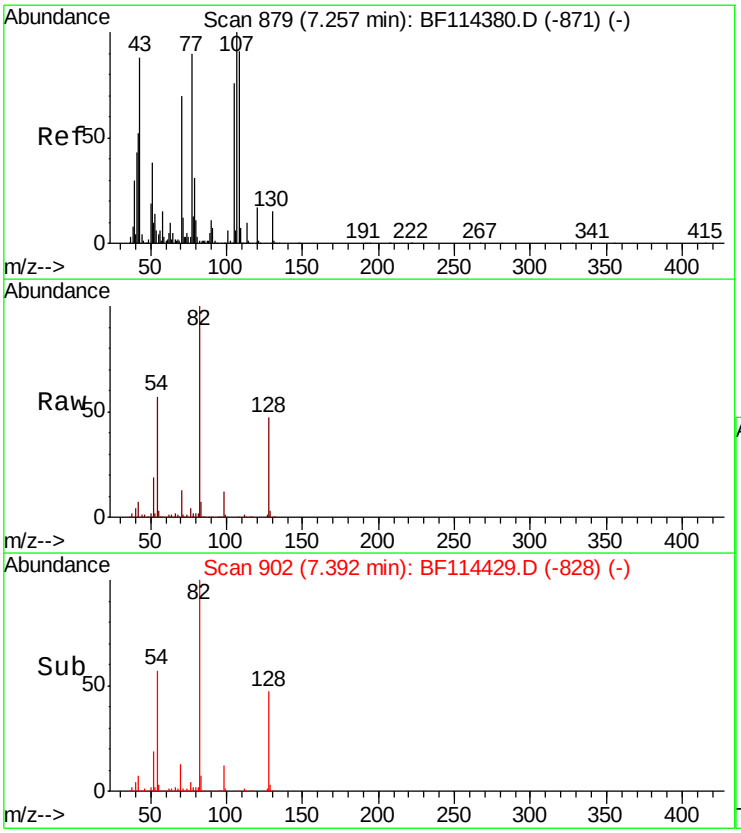
#7
Phenol-d6
Concen: 102.418 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion: 99 Resp: 1418116

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.9	26.9
71	32.7	26.2	39.2

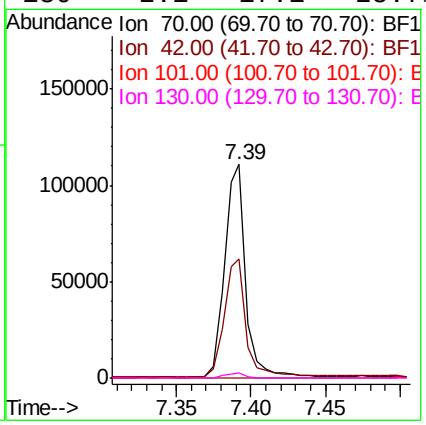


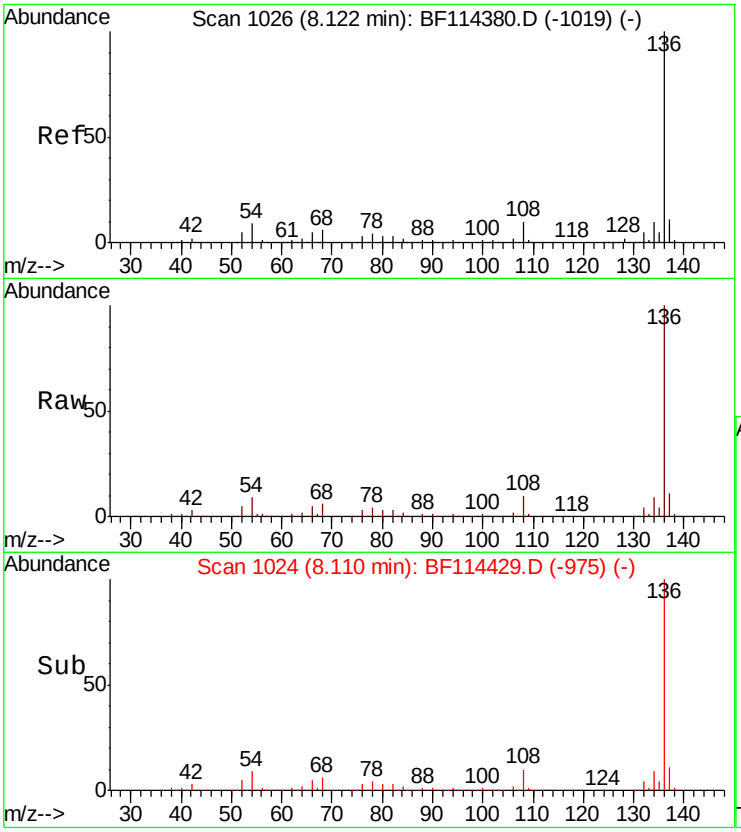


#19
n-Nitroso-di-n-propylamine
Concen: 12.776 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.14 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion: 70 Resp: 112127

Ion	Ratio	Lower	Upper
70	100		
42	55.8	58.6	87.8#
101	0.0	7.8	11.8#
130	2.1	17.1	25.7#



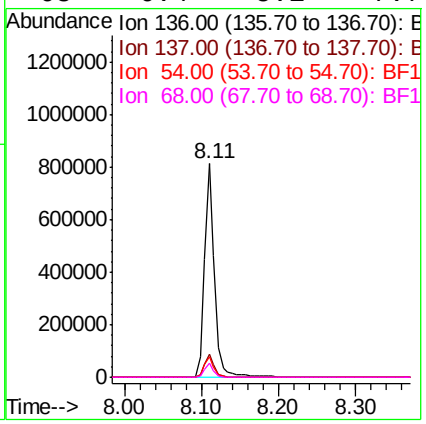


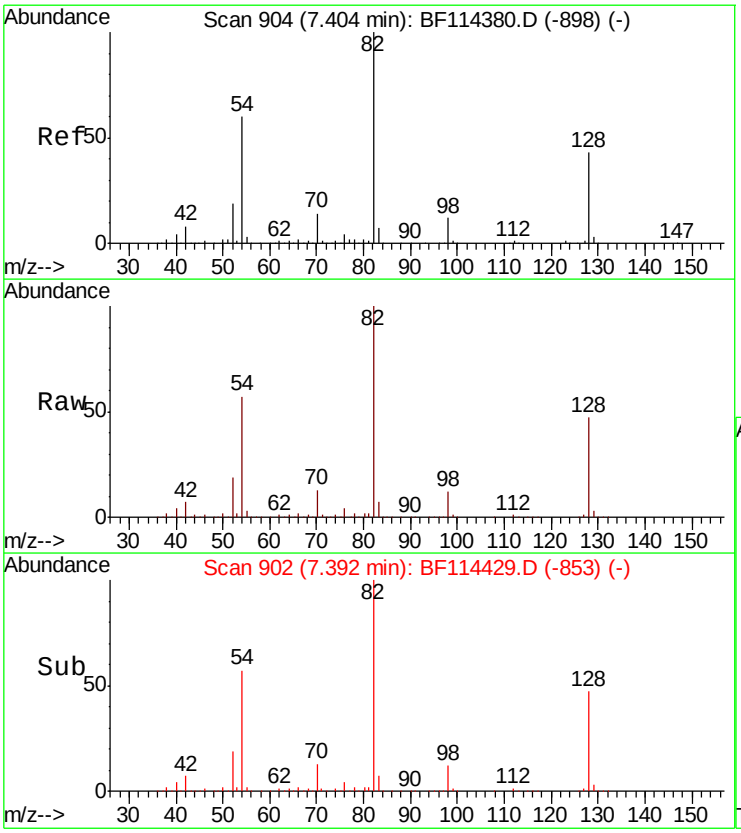
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion:136 Resp: 725701

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.3	7.8	11.8
68	6.4	5.1	7.7

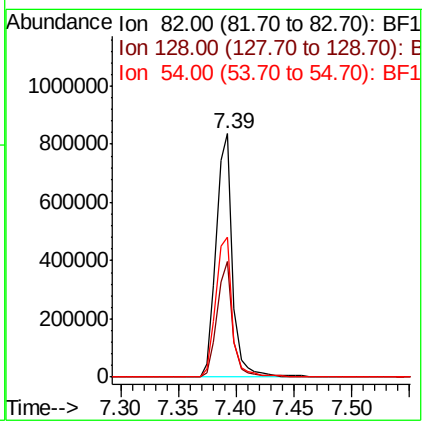


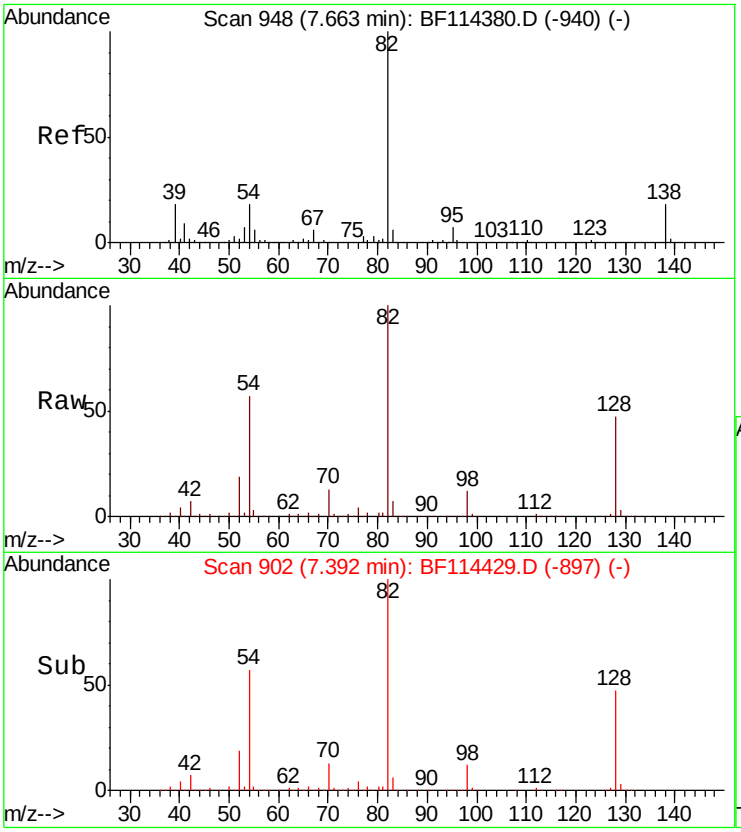


#23
Nitrobenzene-d5
Concen: 64.023 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion: 82 Resp: 827893

Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.5	53.3
54	57.4	48.5	72.7



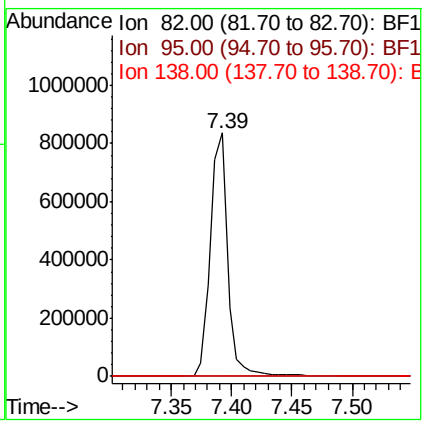


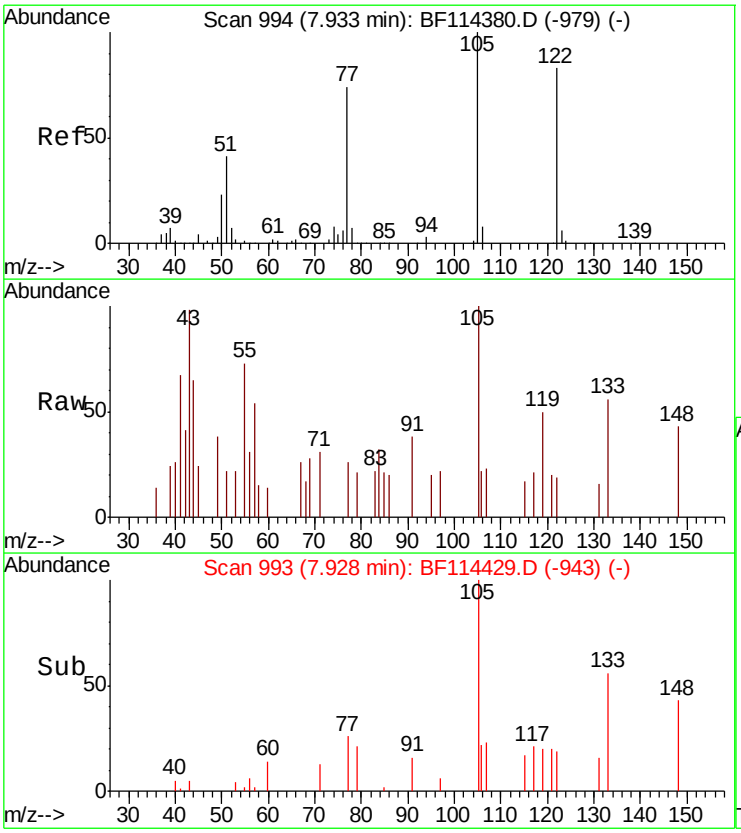
#25
Isophorone
Concen: 34.521 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.27 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion: 82 Resp: 827888

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.8	22.2#

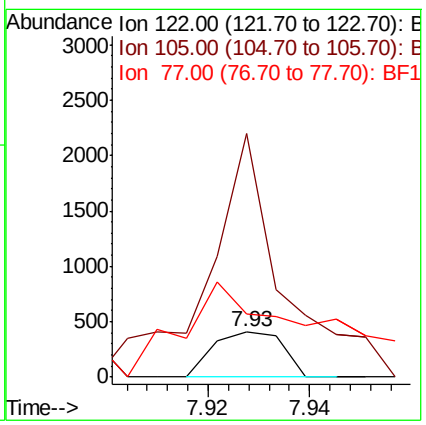


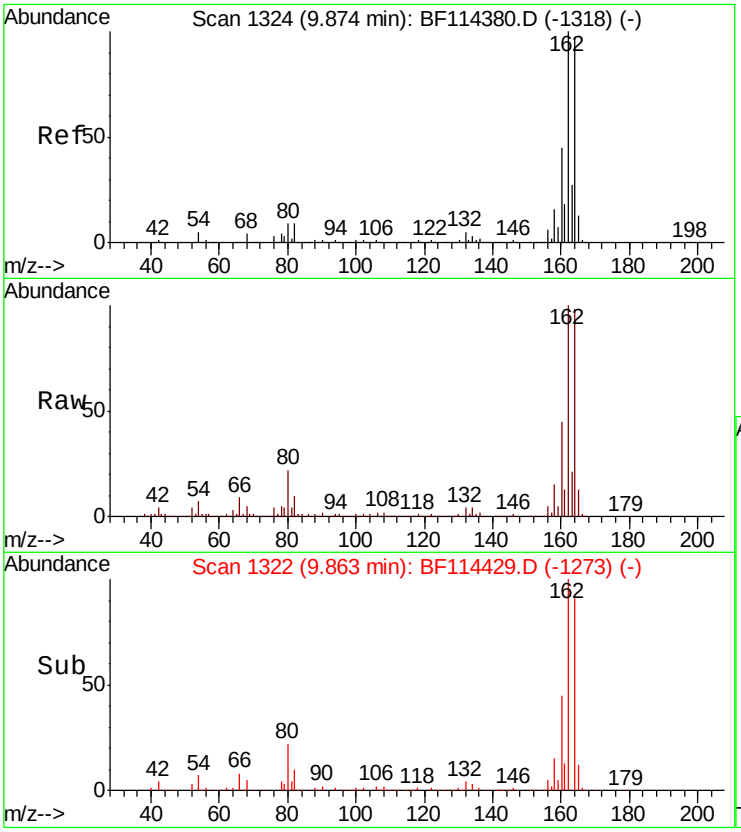


#32
Benzoic acid
Concen: 7.068 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion:122 Resp: 393

Ion	Ratio	Lower	Upper
122	100		
105	536.1	99.9	139.9#
77	139.8	69.4	109.4#



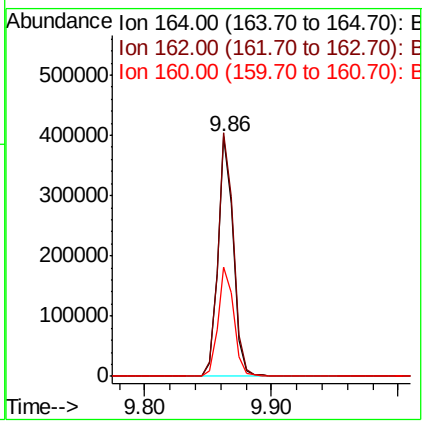


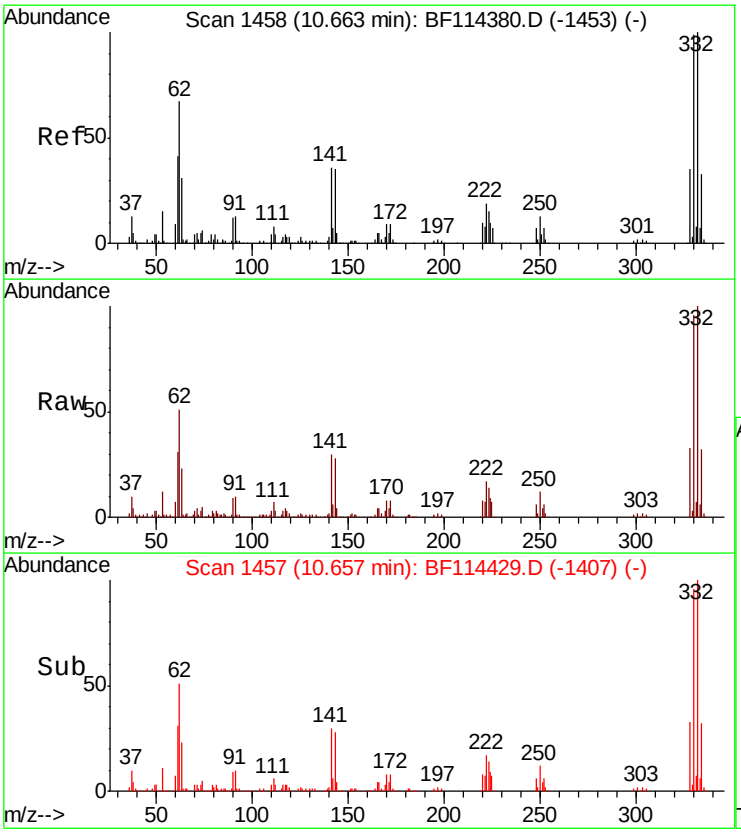
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion:164 Resp: 339012

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	45.4	36.5	54.7

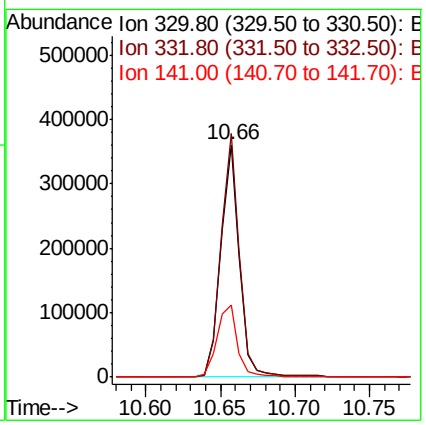


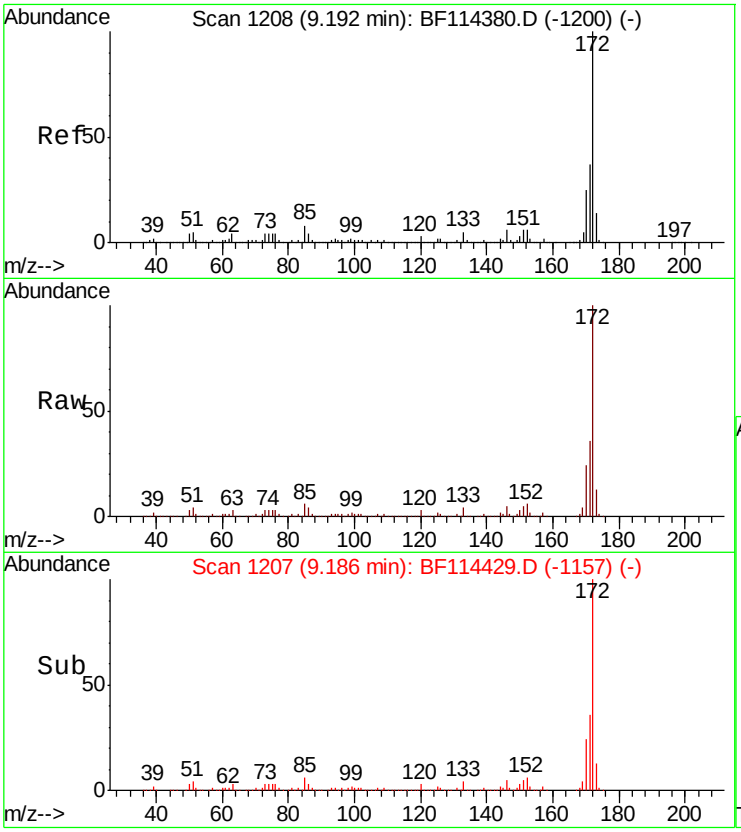


#42
2,4,6-Tribromophenol
Concen: 92.071 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion:330 Resp: 322692

Ion	Ratio	Lower	Upper
330	100		
332	104.6	81.4	122.2
141	33.6	26.6	40.0



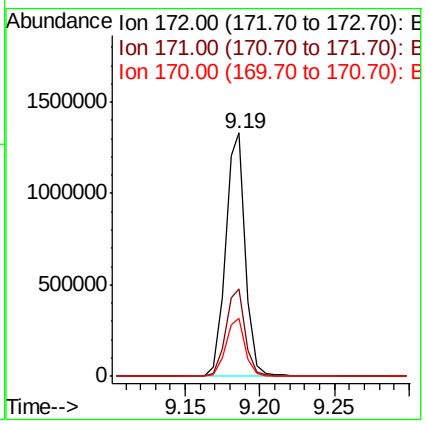


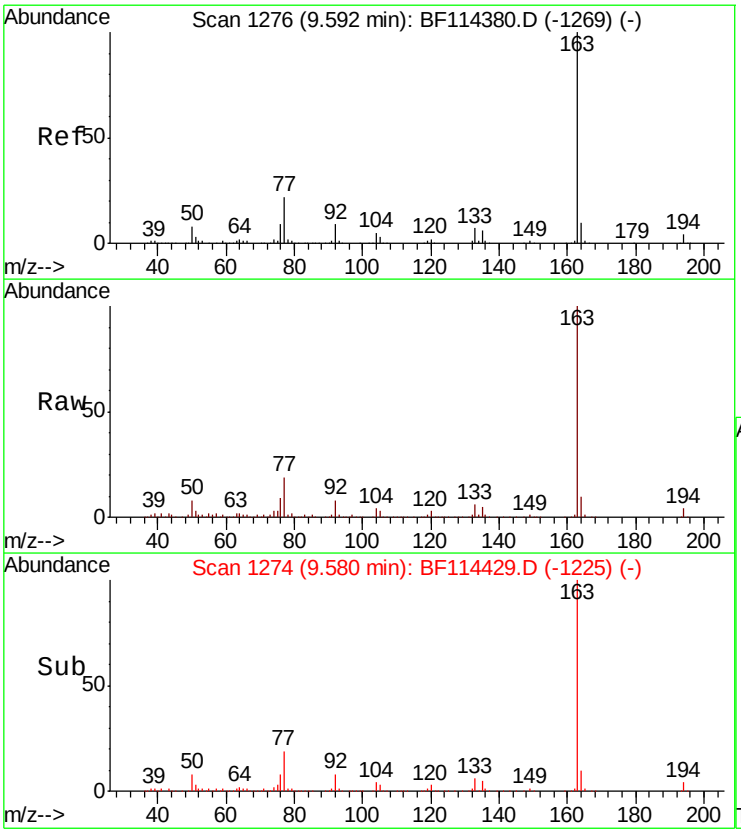
#45
2-Fluorobiphenyl
Concen: 55.772 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion:172 Resp: 1249942

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.7	46.1
170	24.0	20.5	30.7

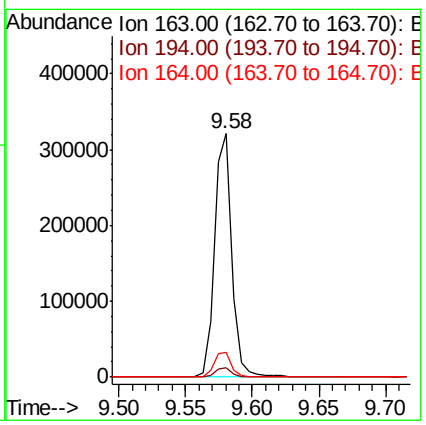


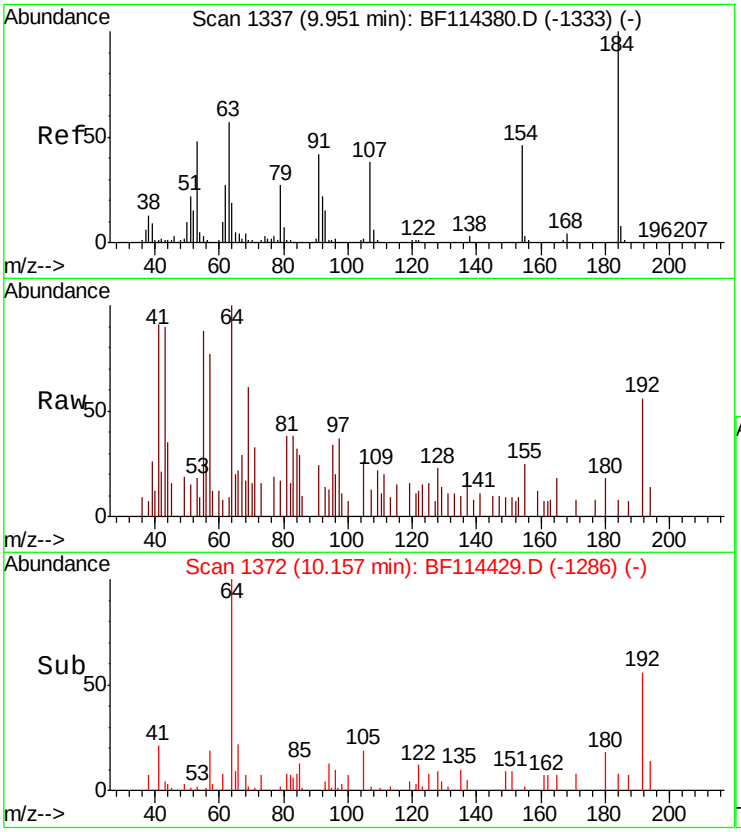


#50
Dimethylphthalate
Concen: 11.745 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion:163 Resp: 292292

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.0	8.2	12.2



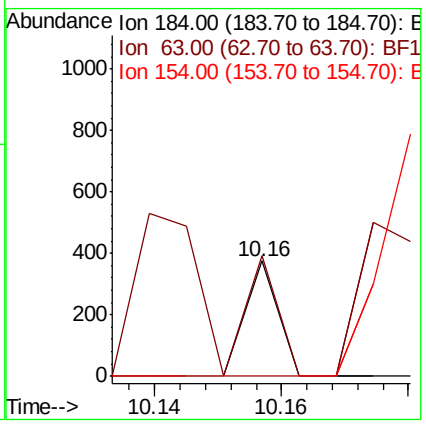


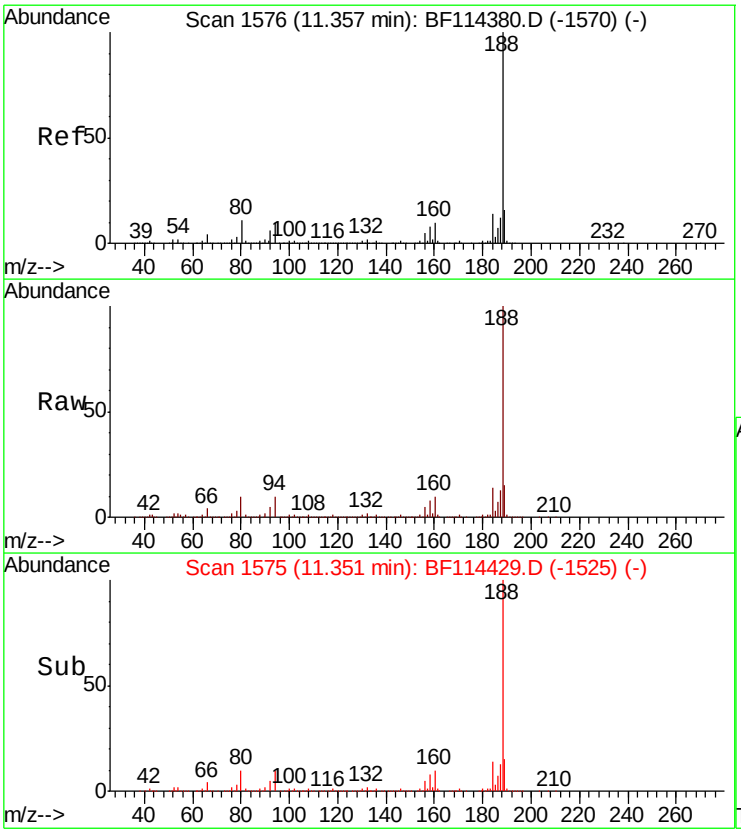
#54
2,4-Dinitrophenol
Concen: 6.789 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.21 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion:184 Resp: 132

Ion	Ratio	Lower	Upper
184	100		
63	105.3	55.6	83.4#
154	0.0	46.0	69.0#

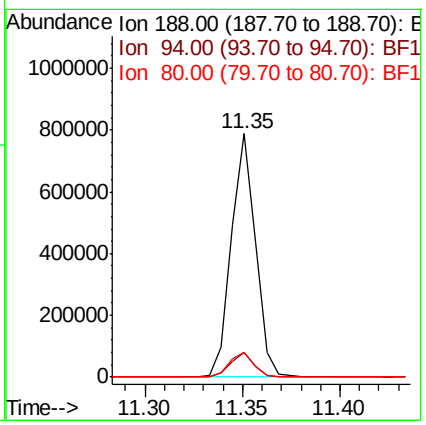


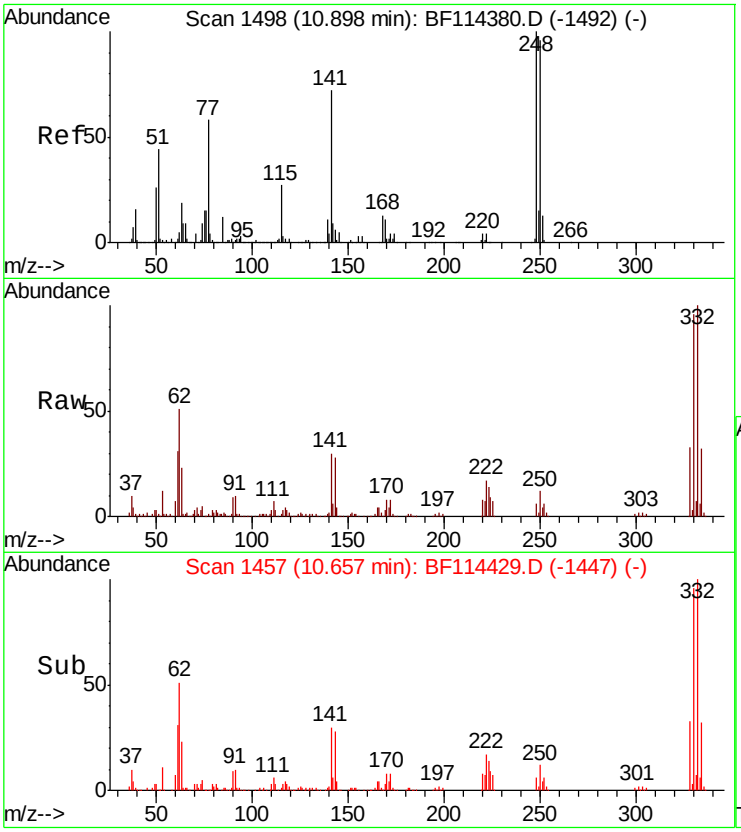


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion:188 Resp: 680220

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.4	12.6
80	10.3	9.2	13.8



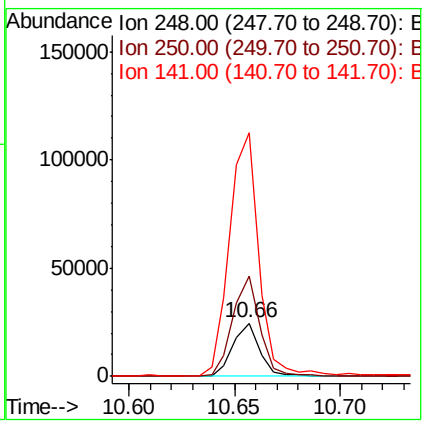


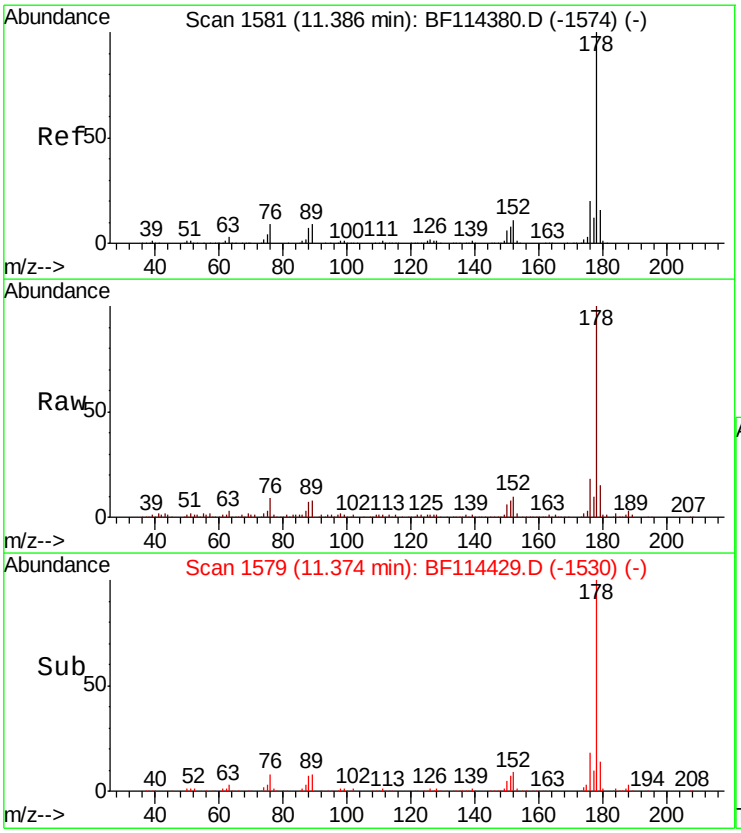
#67
4-Bromophenyl-phenylether
Concen: 2.851 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion:248 Resp: 21351

Ion	Ratio	Lower	Upper
248	100		
250	189.3	77.4	116.2#
141	459.7	55.6	83.4#

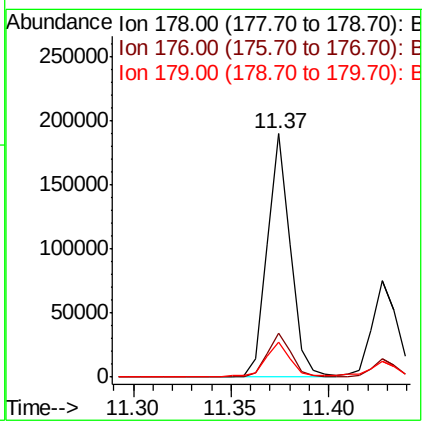


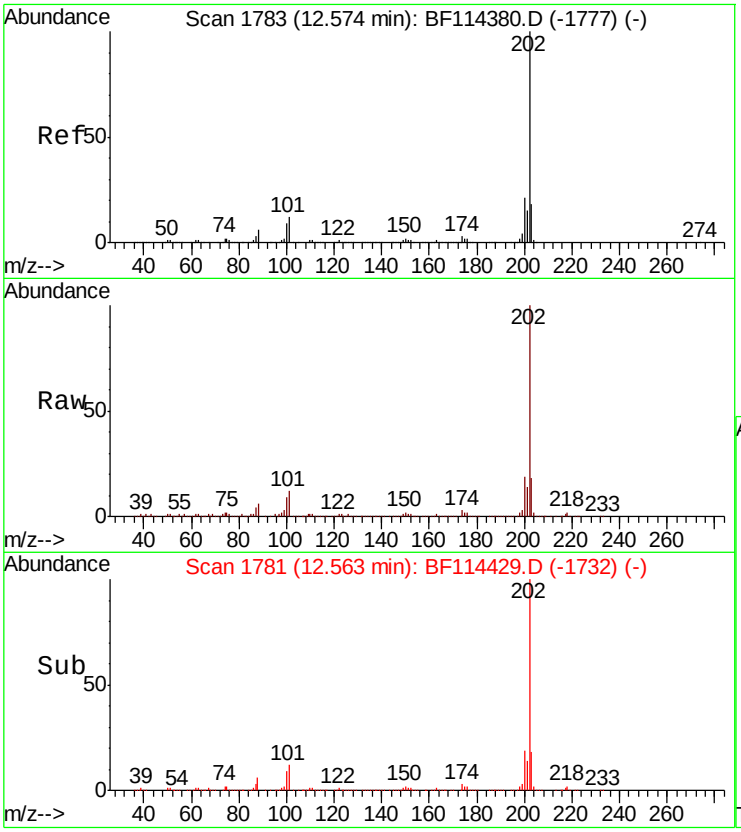


#71
Phenanthrene
Concen: 4.725 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion:178 Resp: 156353

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.4	24.6
179	14.6	13.2	19.8



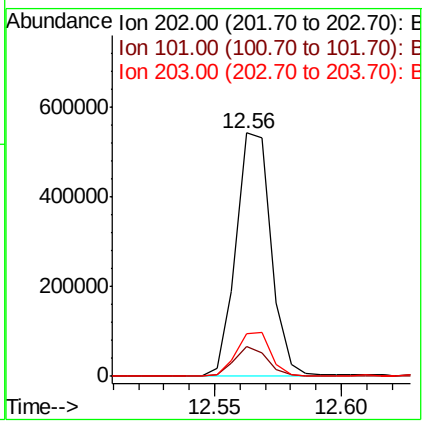


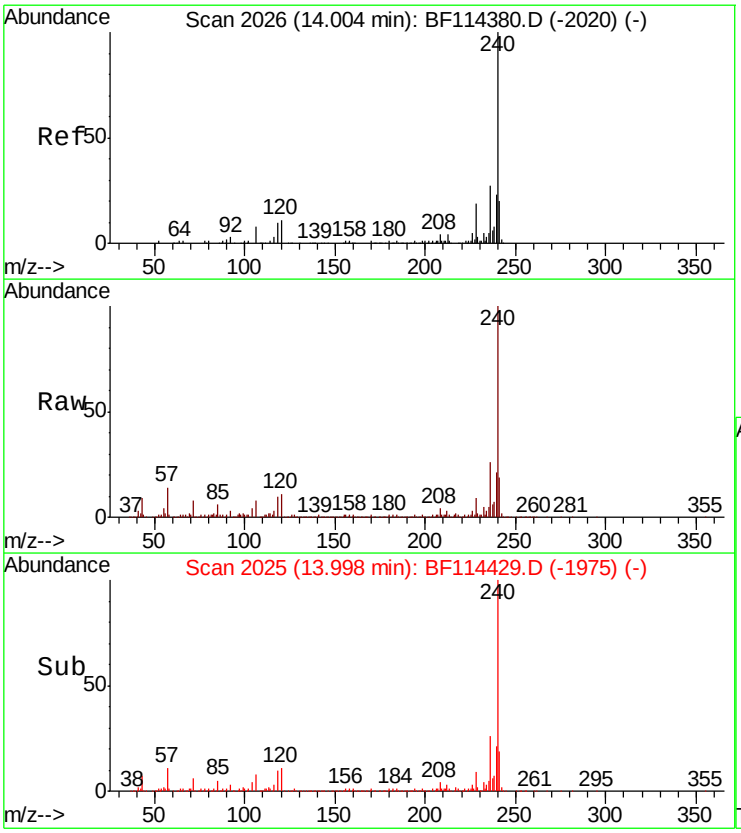
#75
Fluoranthene
Concen: 14.696 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion:202 Resp: 523721

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.0
203	17.7	0.0	38.4

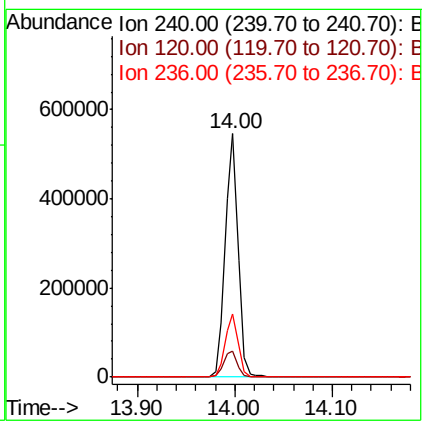


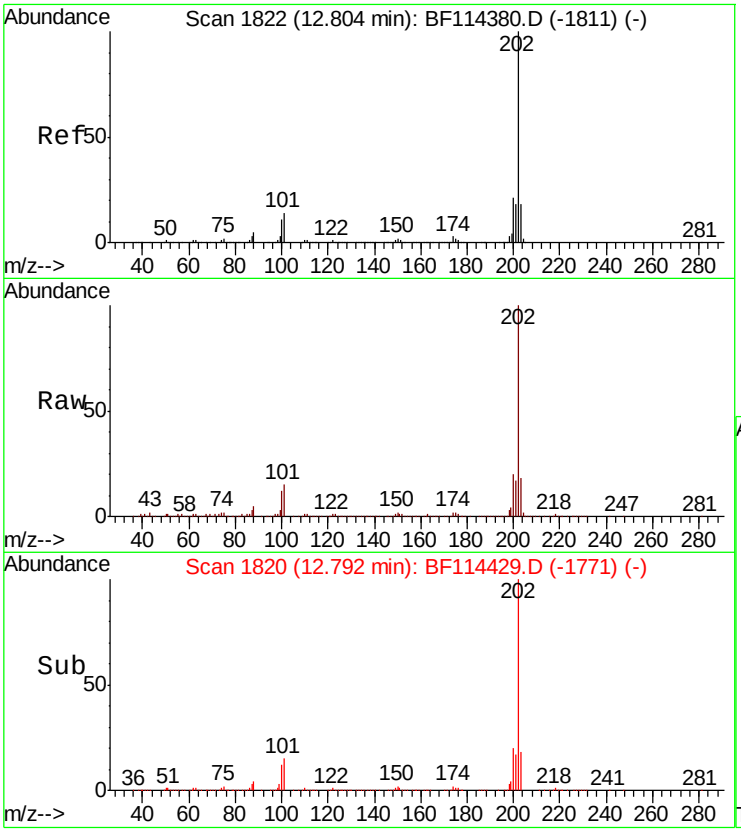


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion:240 Resp: 495994

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	26.2	20.8	31.2



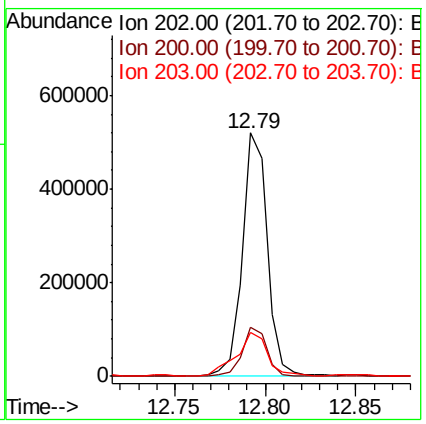


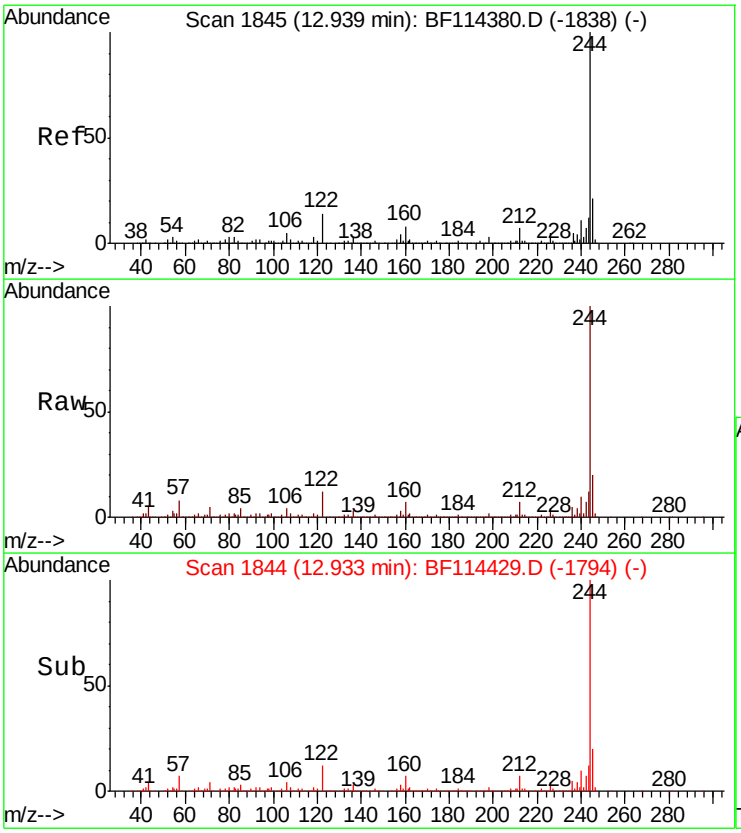
#78
Pyrene
Concen: 12.407 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion:202 Resp: 495038

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.9	25.3
203	18.3	14.5	21.7

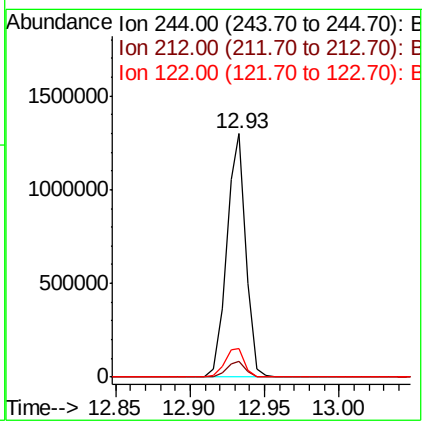


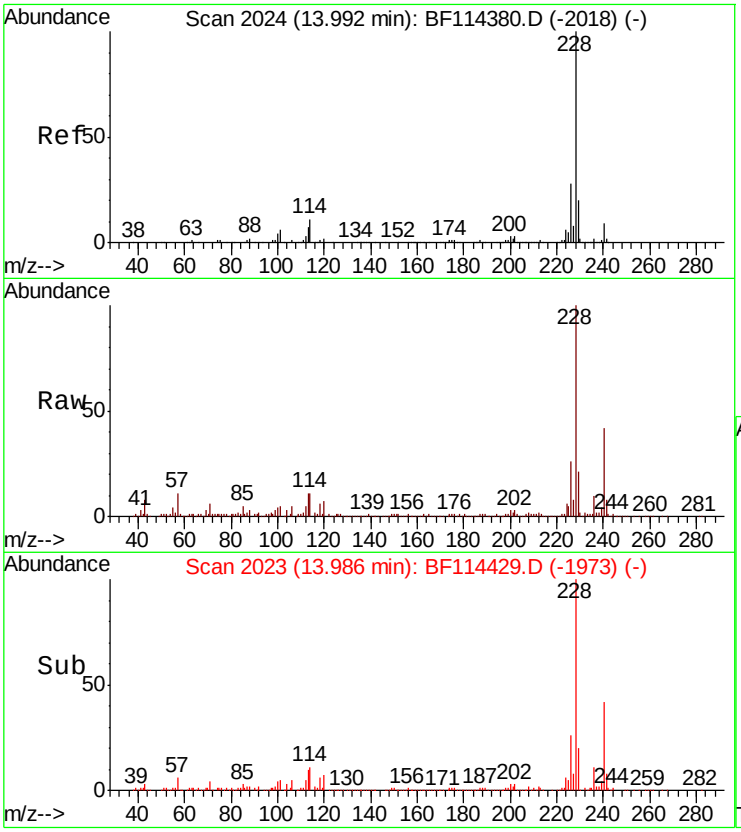


#79
Terphenyl-d14
Concen: 48.732 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion:244 Resp: 1172514

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	11.6	9.4	14.2



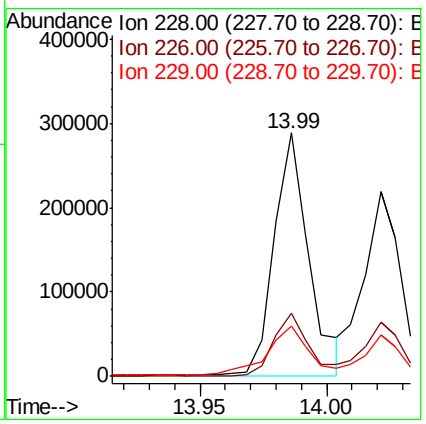


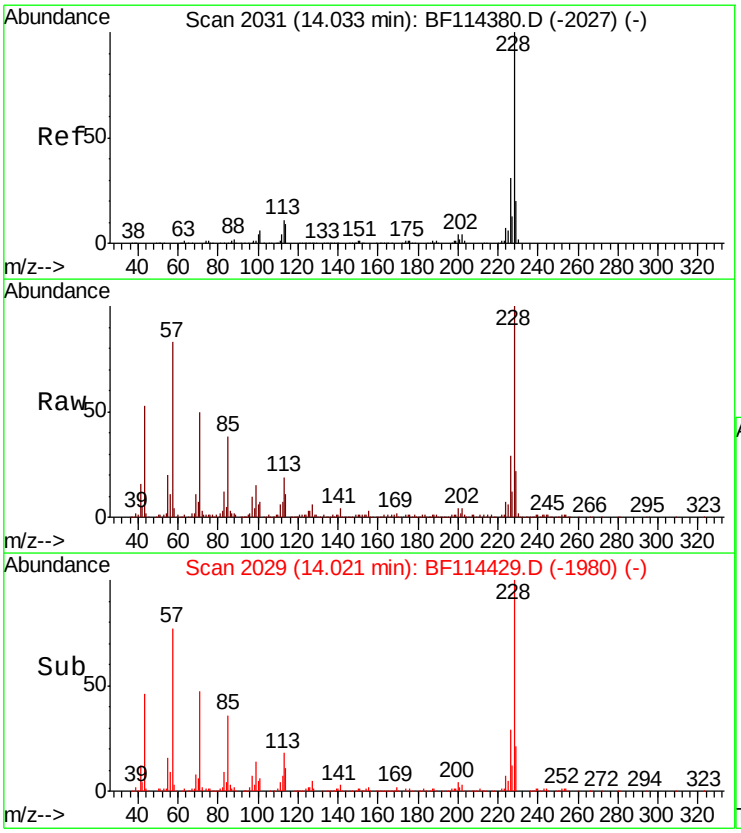
#81
Benzo(a)anthracene
Concen: 8.577 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion:228 Resp: 275164

Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.2	33.2
229	20.8	16.4	24.6

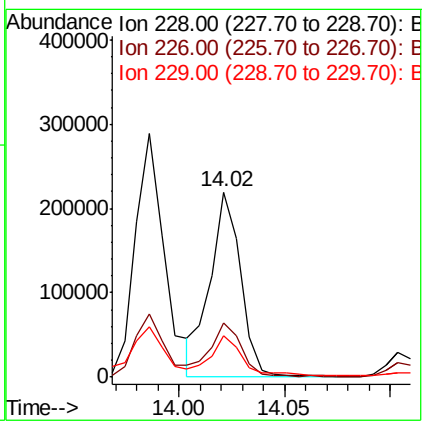


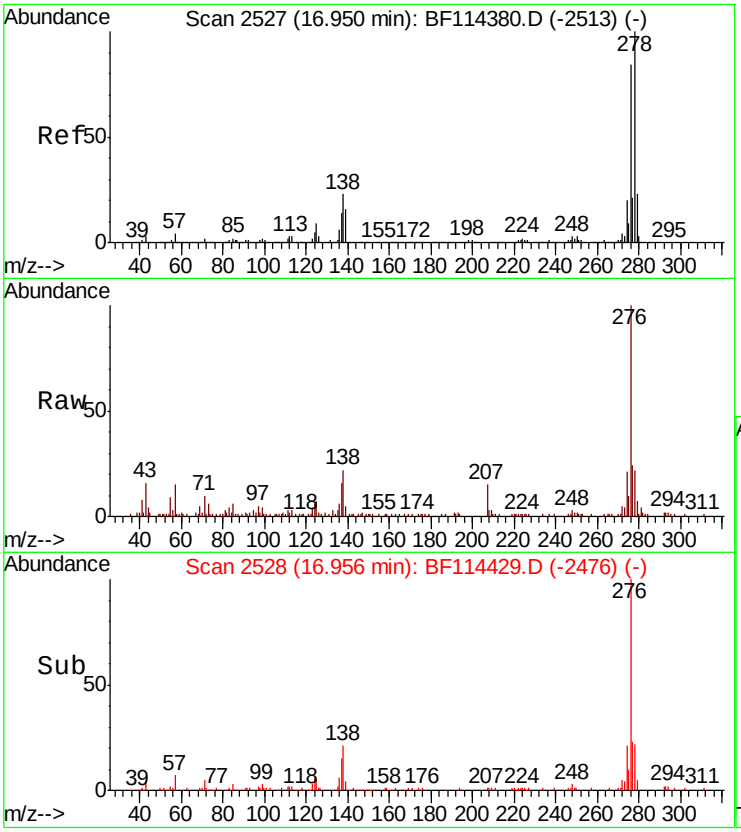


#83
Chrysene
Concen: 6.993 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion:228 Resp: 219909

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	22.2	17.0	25.6



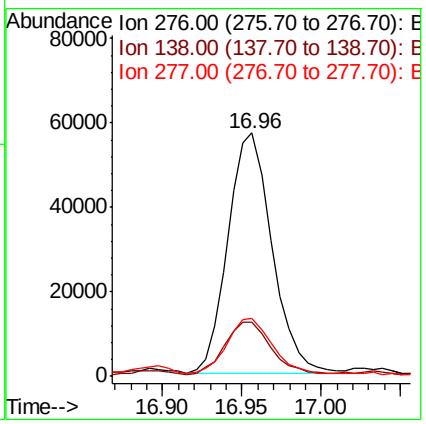


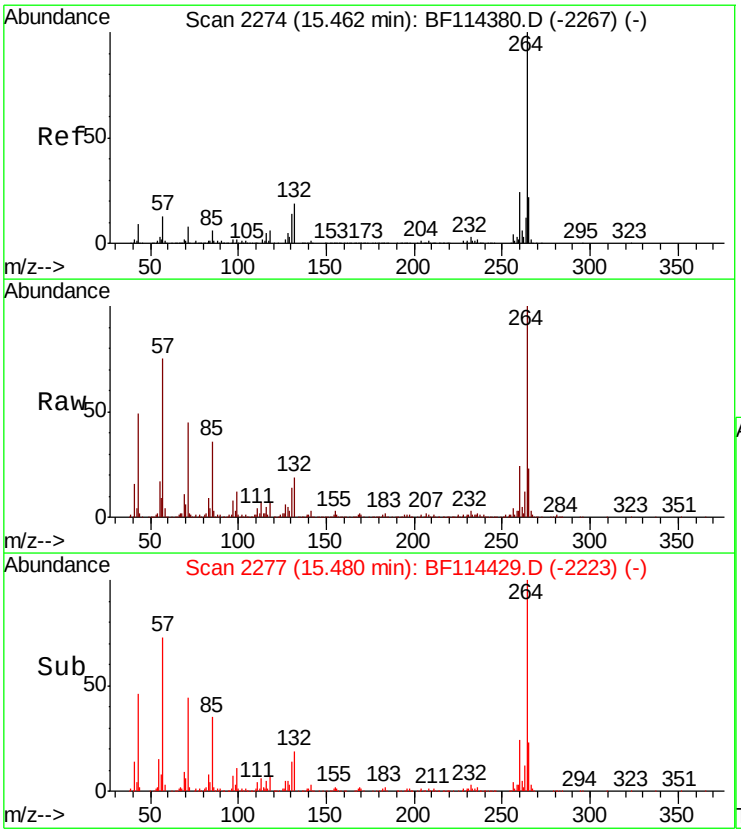
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.943 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion:276 Resp: 109585

Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.2	30.2
277	23.5	20.0	30.0

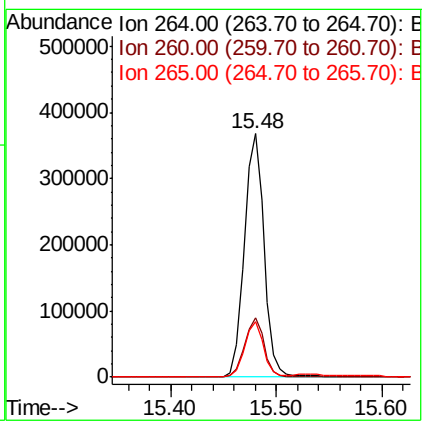


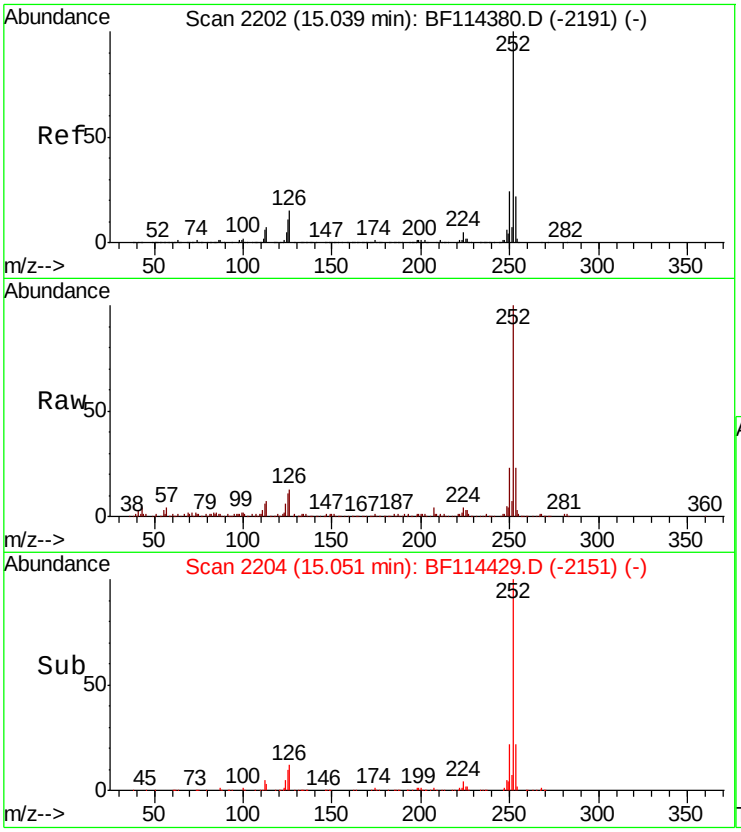


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion:264 Resp: 477141

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	22.8	16.9	25.3



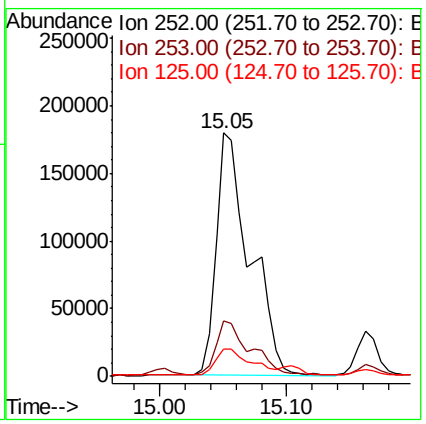


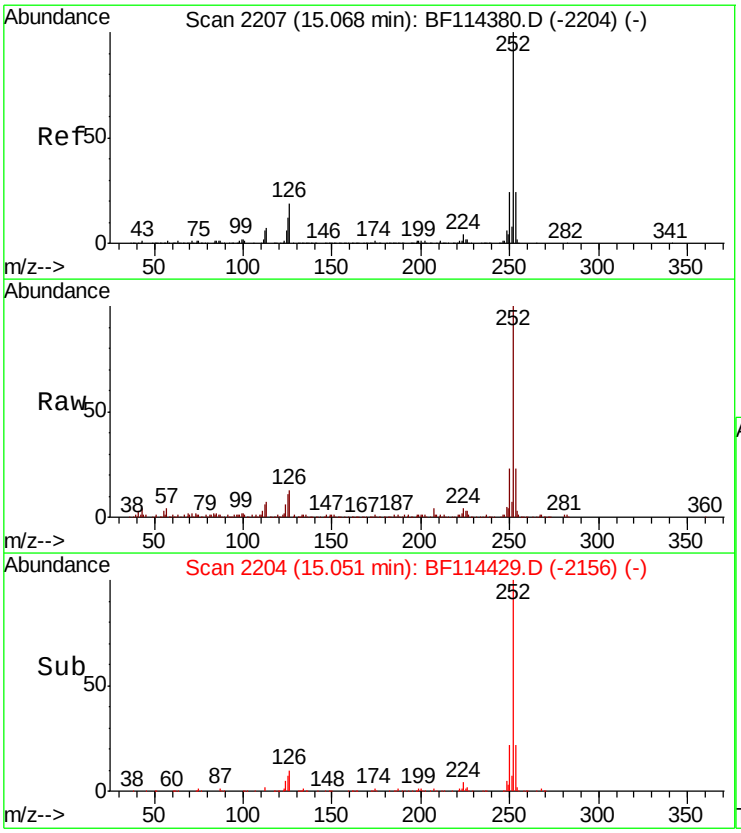
#88
Benzo(b)fluoranthene
Concen: 10.909 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion:252 Resp: 333479

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.3	8.3	12.5

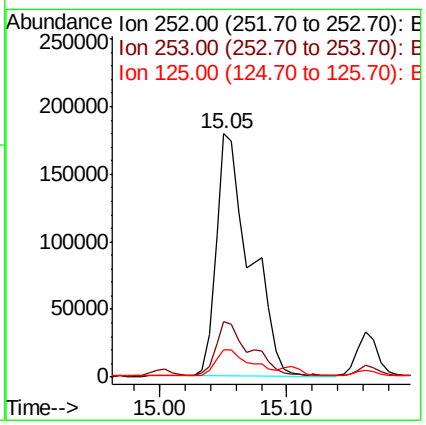


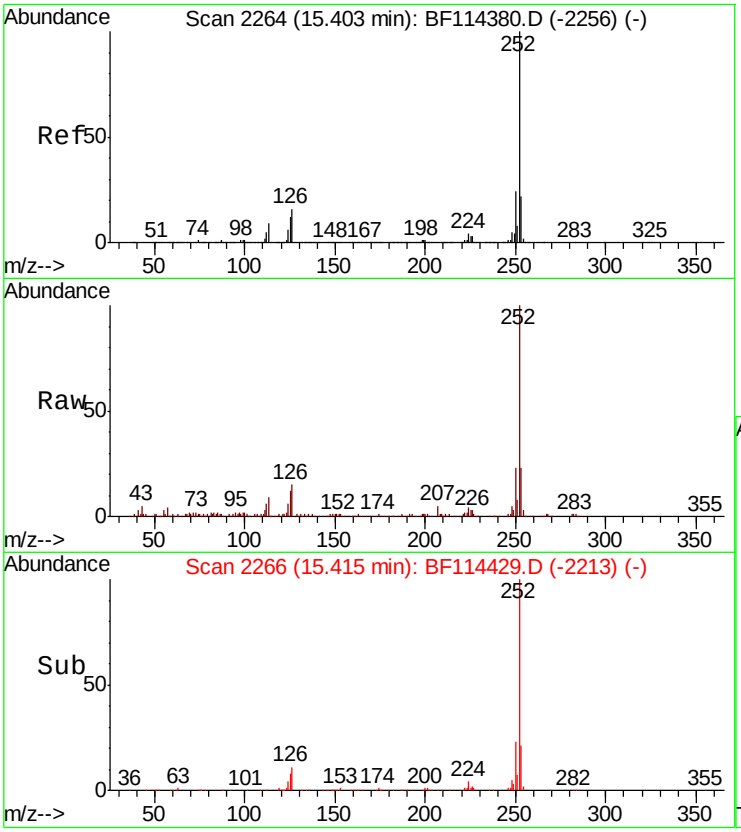


#89
Benzo(k)fluoranthene
Concen: 11.876 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion:252 Resp: 333479

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.3	8.6	13.0



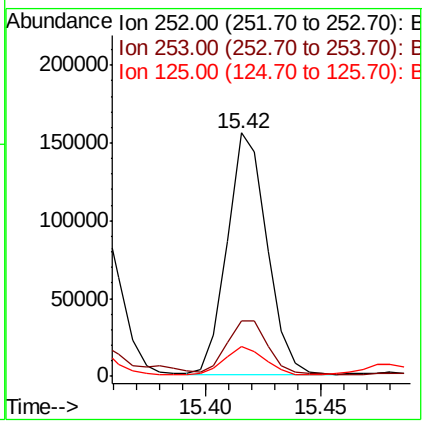


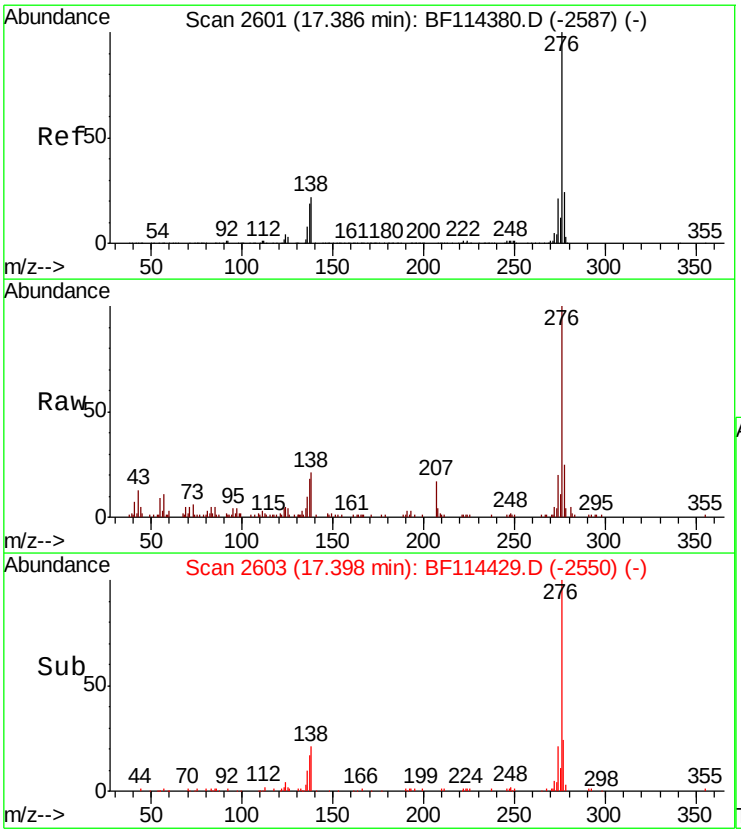
#90
Benzo(a)pyrene
Concen: 7.020 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Instrument :
BNA_F
ClientSampleId :
SB-07-2.5-3.5

Tgt Ion:252 Resp: 188856

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	12.4	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 4.689 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BF114429.D
Acq: 20 May 2019 11:00

Tgt Ion:276 Resp: 105041

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.0	28.4
138	21.2	17.8	26.6