Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114322.D
Acq On : 16 May 2019 21:06
Operator : JU/SJ
Sample : K2866-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-COMP-2

Quant Time: May 17 08:06:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	222525	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	816444	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	335737	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	483987	20.00	ng		0.01
76) Chrysene-d12	14.03	240	353047	20.00	ng		0.01
87) Perylene-d12	15.51	264	508560	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1529901	110.64	ng		0.00
7) Phenol-d6	6.50	99	2046107	125.11	ng		0.00
23) Nitrobenzene-d5	7.41	82	1242825	85.43	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	326633	94.10	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1826167	82.28	ng		0.00
79) Terphenyl-d14	12.96	244	1178462	68.81	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	161853	15.613	ng	#	76
25) Isophorone	7.41	82	1239497	45.940	ng	#	64
32) Benzoic acid	8.05	122	317	7.054	ng		87
37) 2-Methylnaphthalene	8.85	142	70815	2.878	ng		97
38) 1-Methylnaphthalene	8.95	142	64337	2.777	ng		96
50) Dimethylphthalate	9.60	163	252951	10.263	ng	#	98
52) Acenaphthene	9.92	154	384435	18.870	ng		99
54) 2,4-Dinitrophenol	10.07	184	450	6.895	ng	#	1
58) Fluorene	10.43	166	259952	11.266	ng		98
71) Phenanthrene	11.41	178	2862825	121.581	ng		99
72) Anthracene	11.46	178	696280	29.440	ng		99
73) Carbazole	11.61	167	104003	4.612	ng	#	84
74) Di-n-butylphthalate	11.93	149	409924	15.777	ng		97
75) Fluoranthene	12.60	202	2608554	102.875	ng		96
78) Pyrene	12.84	202	3893071	137.076	ng		97
81) Benzo(a)anthracene	14.02	228	1963929	86.006	ng		98
83) Chrysene	14.06	228	1747561	78.070	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	760350	38.434	ng		98
88) Benzo(b)fluoranthene	15.09	252	2475683	75.985	ng	#	97
89) Benzo(k)fluoranthene	15.09	252	2475683	82.718	ng		98
90) Benzo(a)pyrene	15.46	252	1579395	55.081	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	282646	11.862	ng		93
92) Benzo(g,h,i)perylene	17.45	276	730389	30.588	ng		99

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

Quantitation Report (Not Reviewed)

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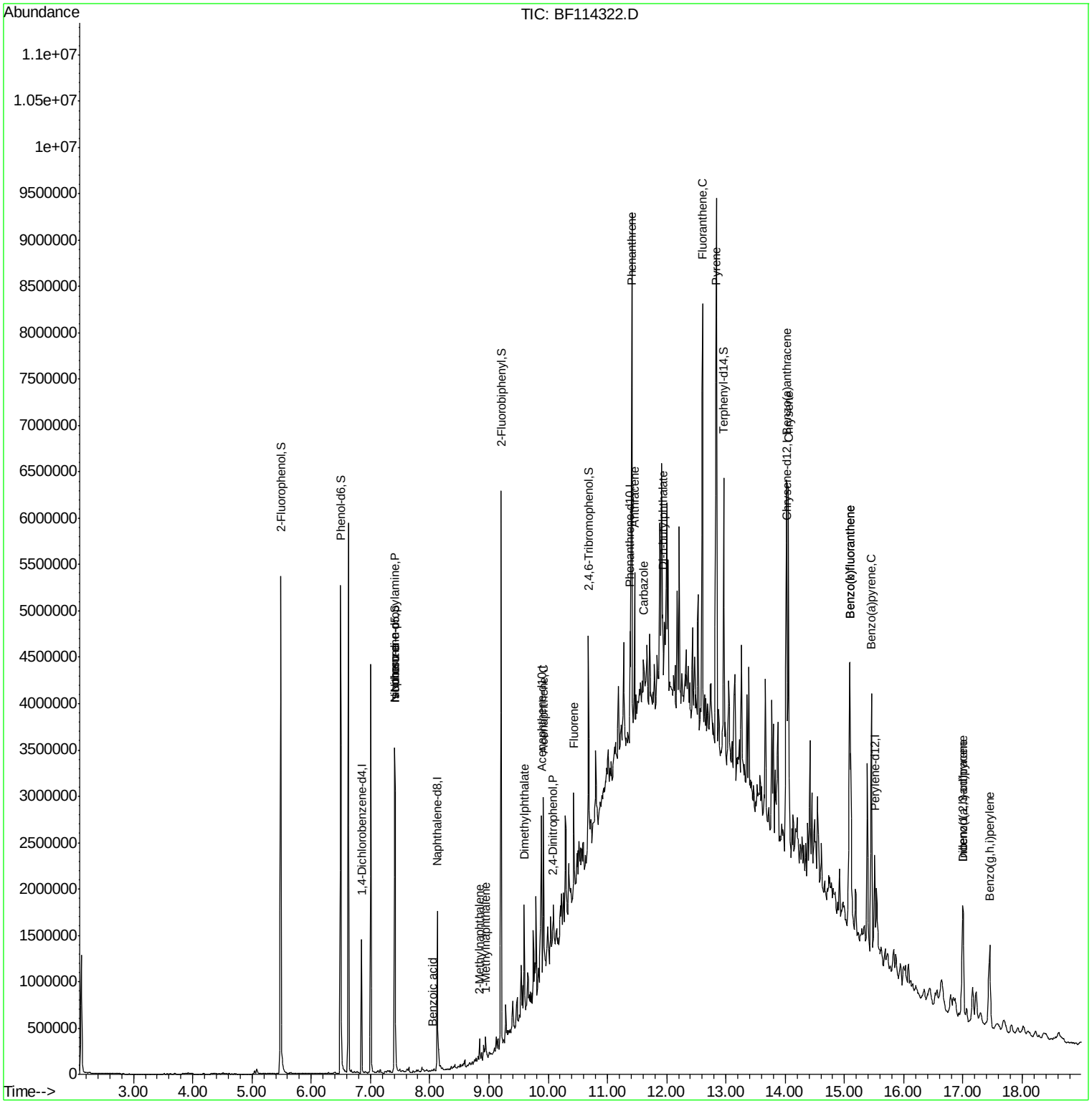
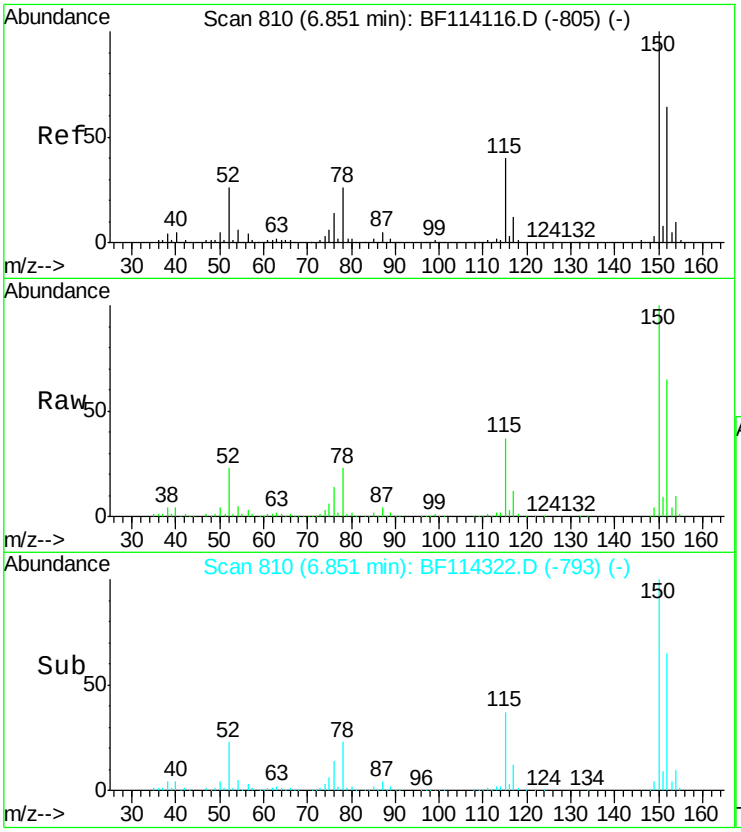
Acq On : 16 May 2019 21:06
Operator : JU/SJ
Sample : K2866-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-COMP-2

Quant Time: May 17 08:06:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



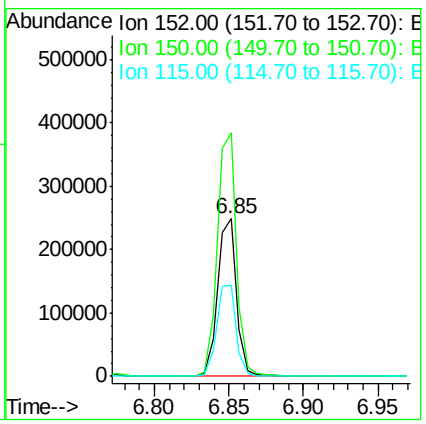


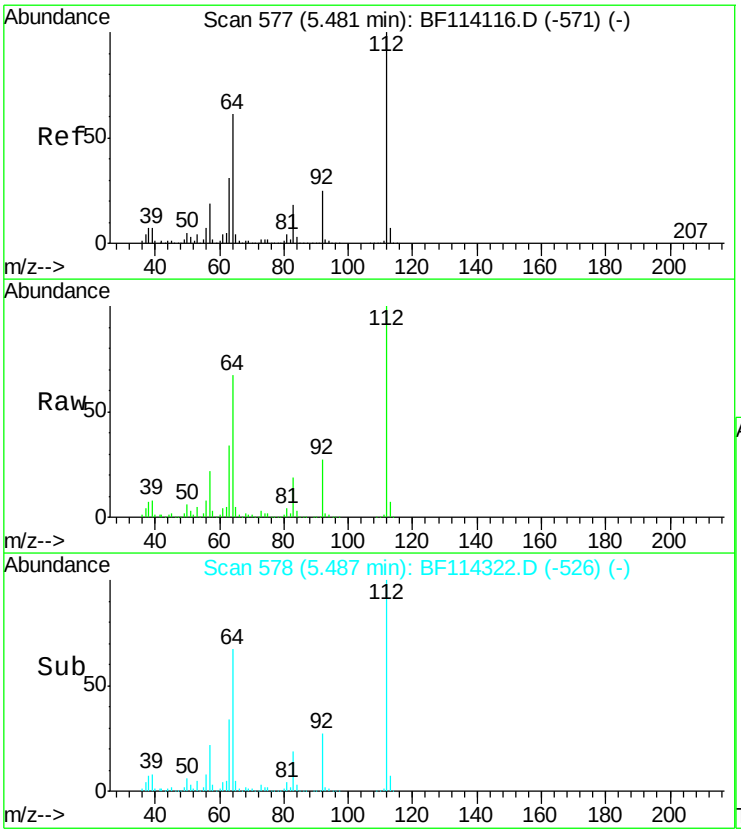
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:152 Resp: 222525

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.3	186.5
115	57.7	49.1	73.7

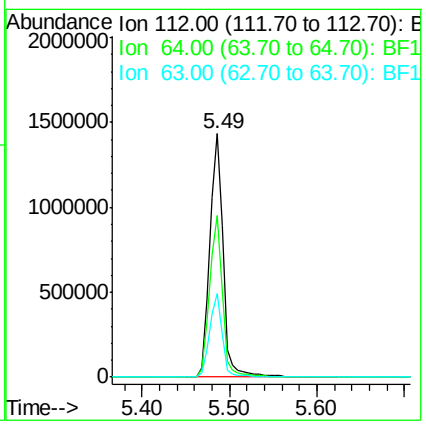


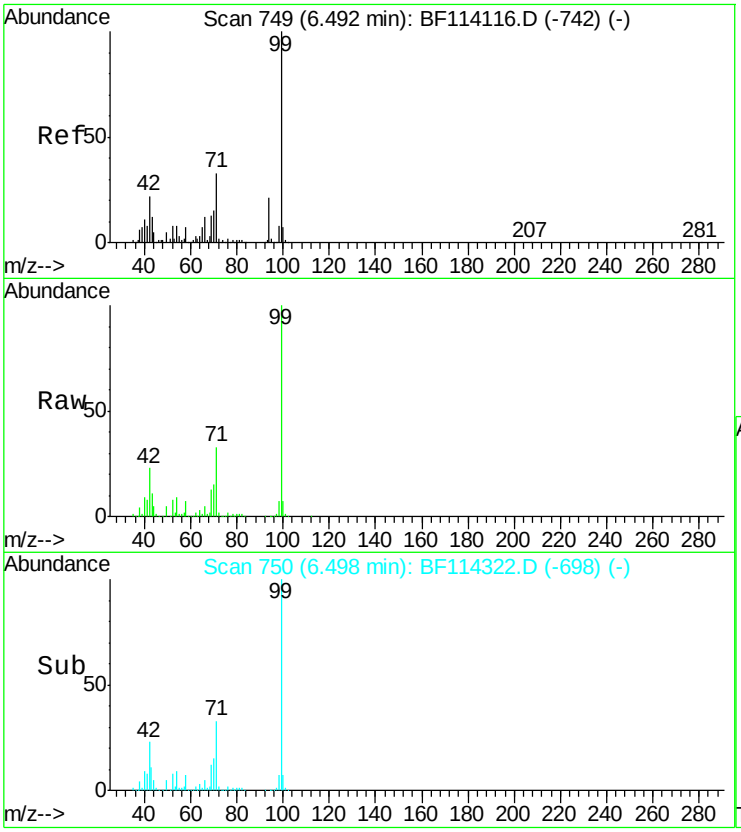


#5
2-Fluorophenol
Concen: 110.640 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:112 Resp: 1529901

Ion	Ratio	Lower	Upper
112	100		
64	66.5	49.0	73.6
63	34.2	24.6	37.0



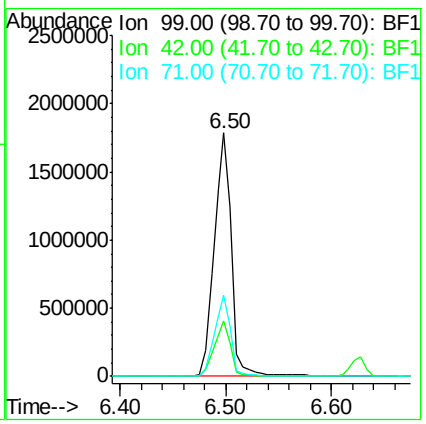


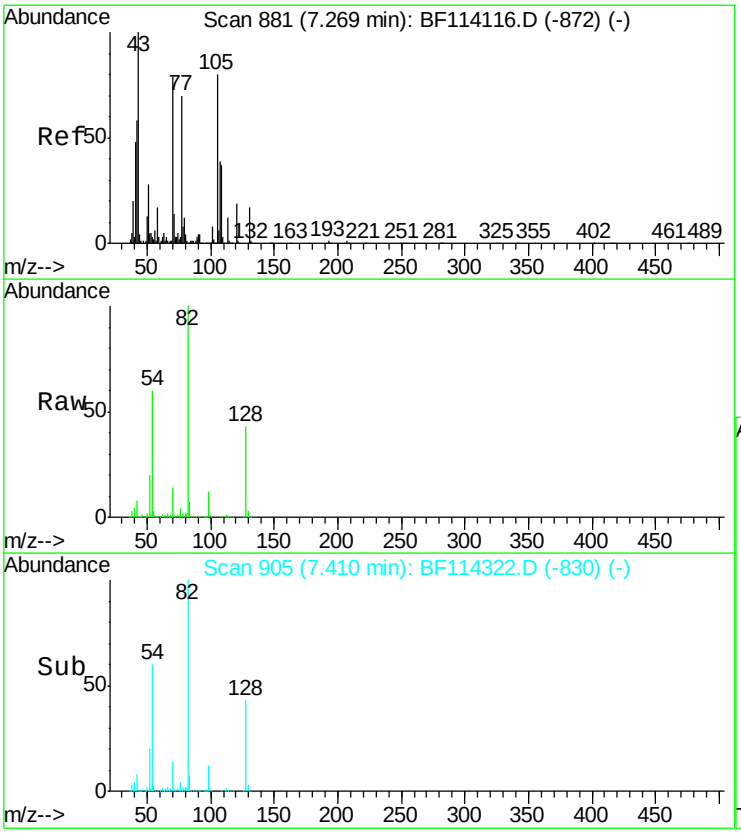
#7
Phenol-d6
Concen: 125.109 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion: 99 Resp: 2046107

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	33.3	26.2	39.2

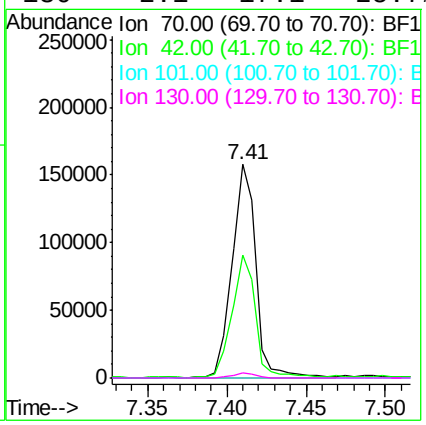


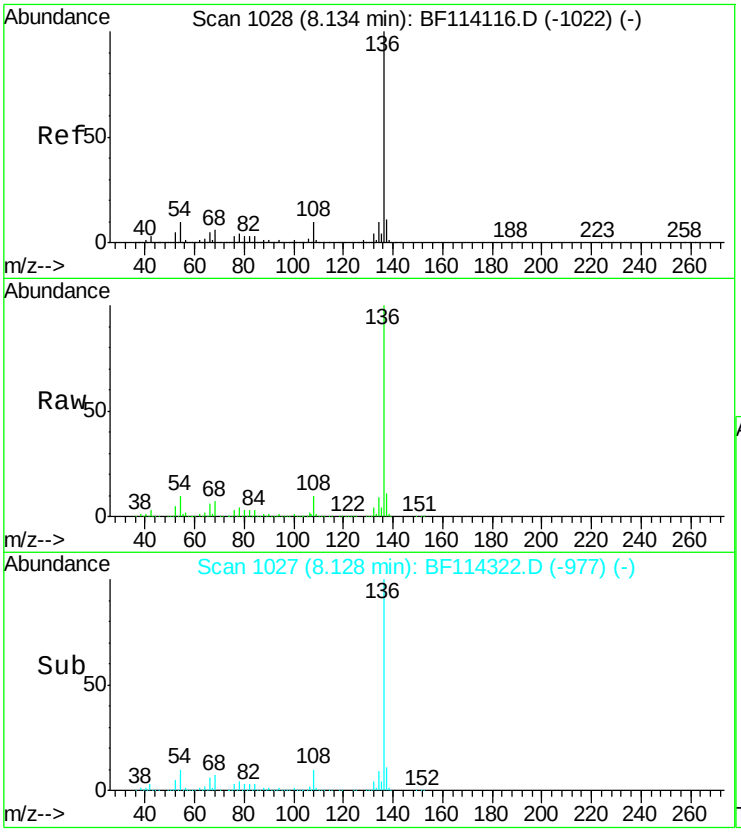


#19
n-Nitroso-di-n-propylamine
Concen: 15.613 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion: 70 Resp: 161853

Ion	Ratio	Lower	Upper
70	100		
42	57.7	58.6	87.8#
101	0.0	7.8	11.8#
130	2.1	17.1	25.7#



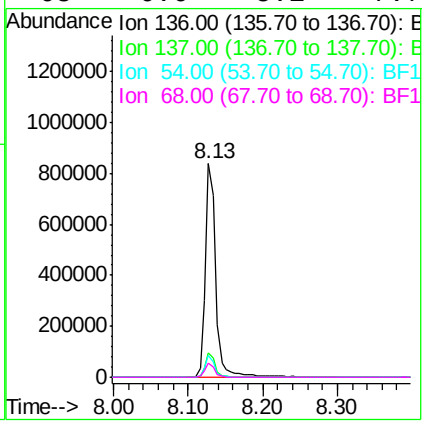


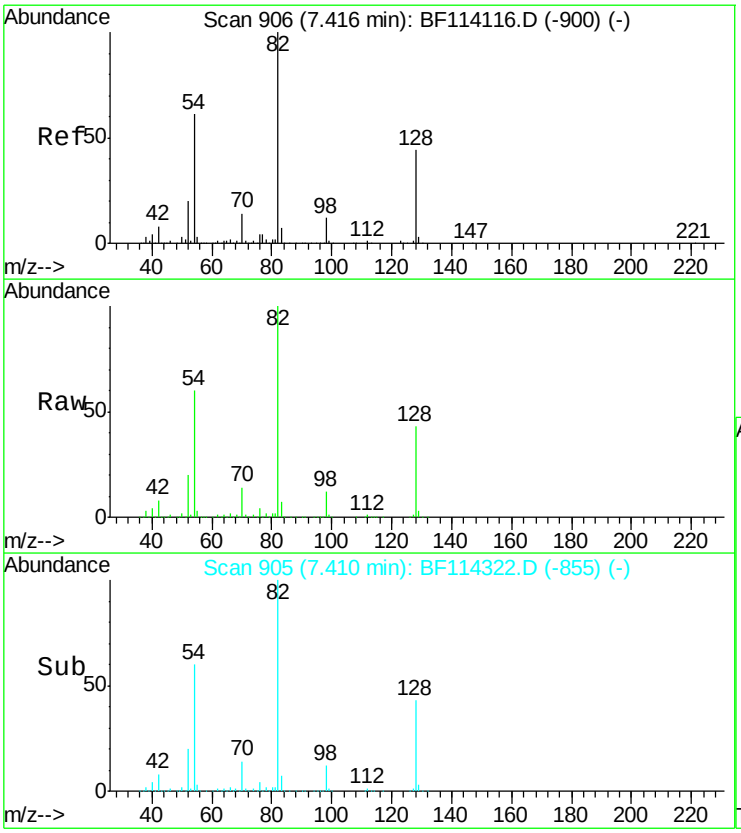
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:136 Resp: 816444

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.3	7.8	11.8
68	6.6	5.1	7.7

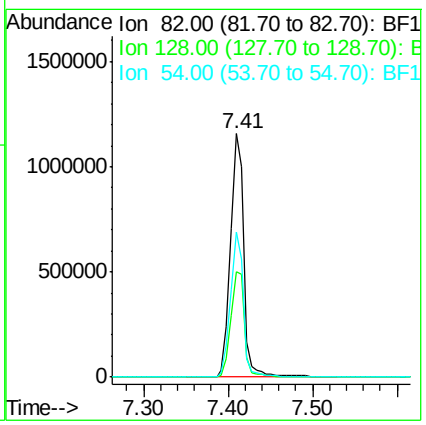


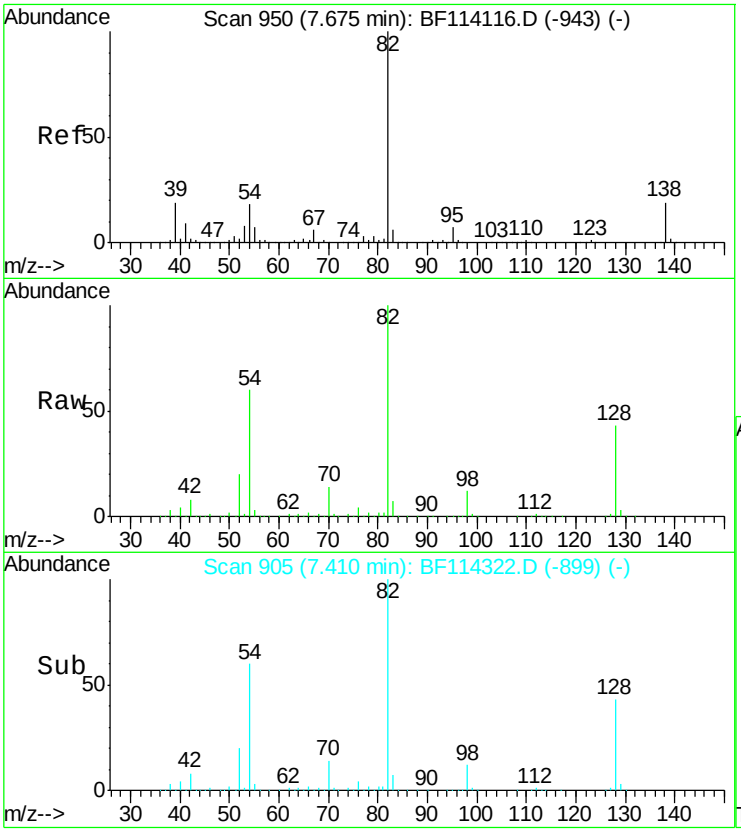


#23
Nitrobenzene-d5
Concen: 85.428 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion: 82 Resp: 1242825

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.5	53.3
54	59.7	48.5	72.7



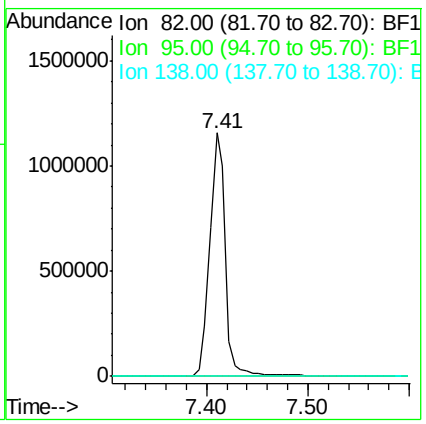


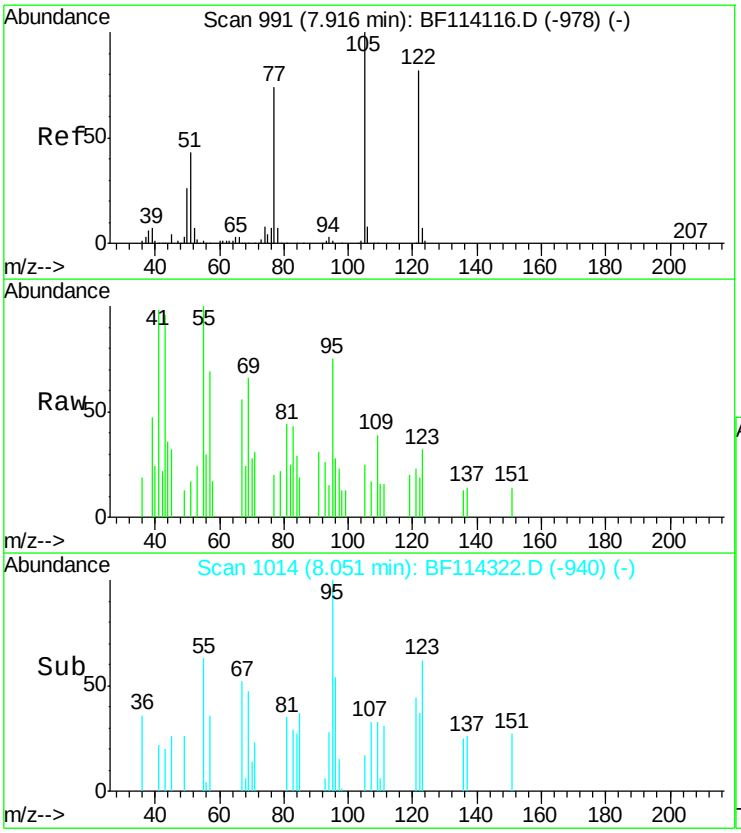
#25
Isophorone
Concen: 45.940 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion: 82 Resp: 1239497

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

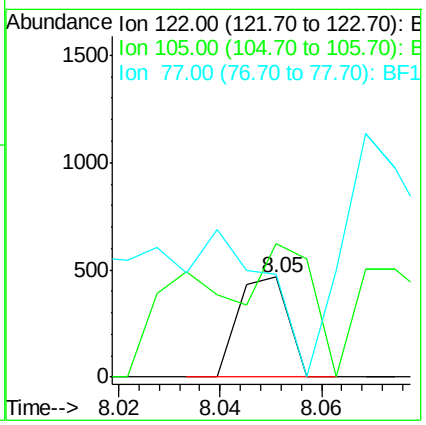


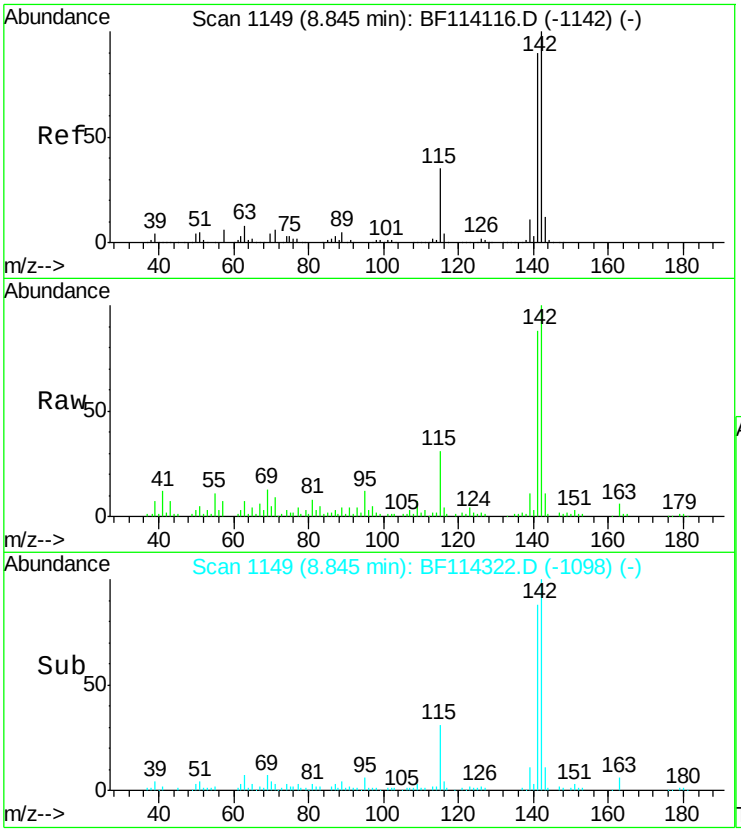


#32
Benzoic acid
Concen: 7.054 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.14 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:122 Resp: 317

Ion	Ratio	Lower	Upper
122	100		
105	132.8	99.9	139.9
77	102.6	69.4	109.4



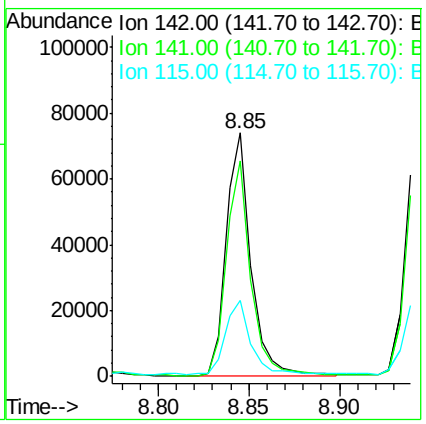


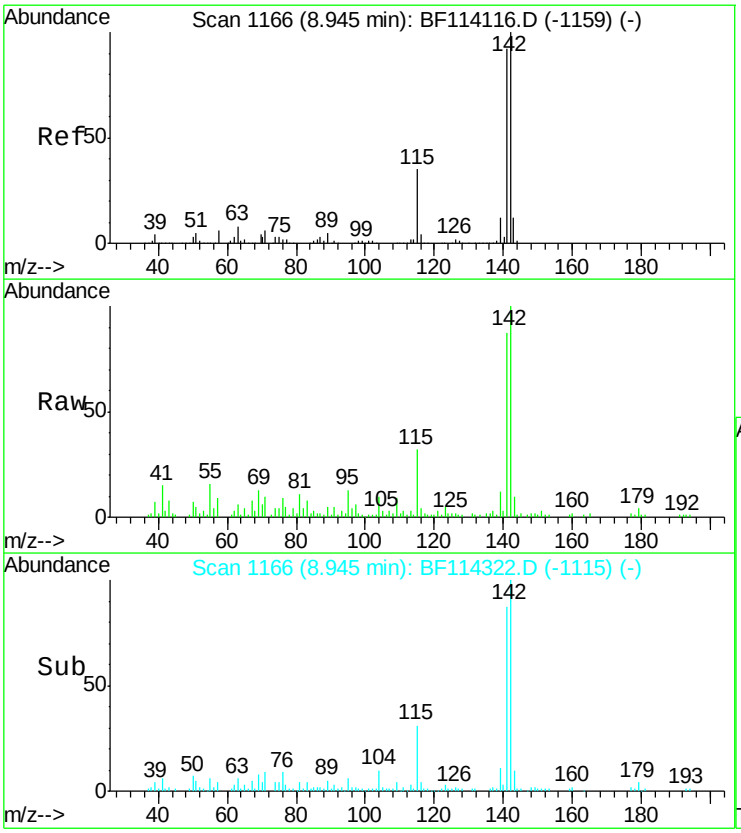
#37
2-Methylnaphthalene
Concen: 2.878 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:142 Resp: 70815

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.1	108.1
115	31.1	28.0	42.0

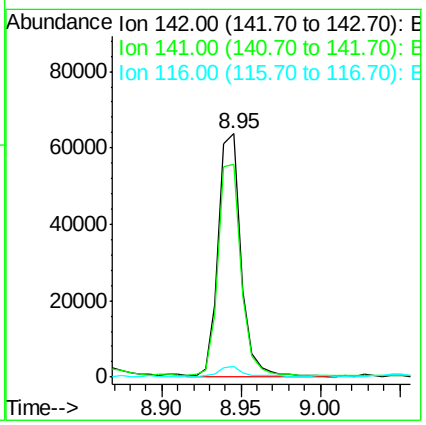


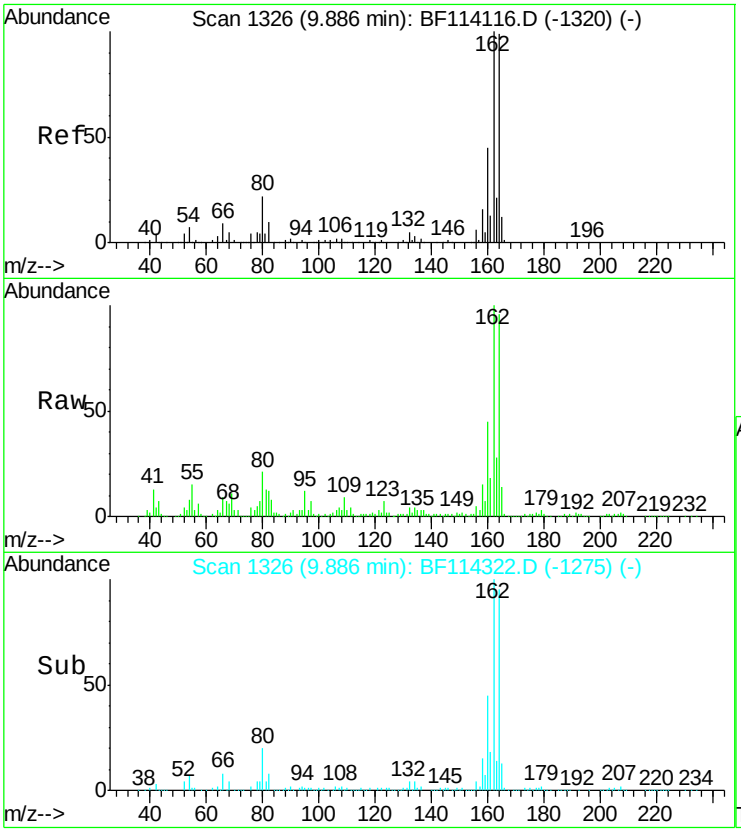


#38
1-Methylnaphthalene
Concen: 2.777 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:142 Resp: 64337

Ion	Ratio	Lower	Upper
142	100		
141	87.3	73.4	110.0
116	4.2	3.1	4.7



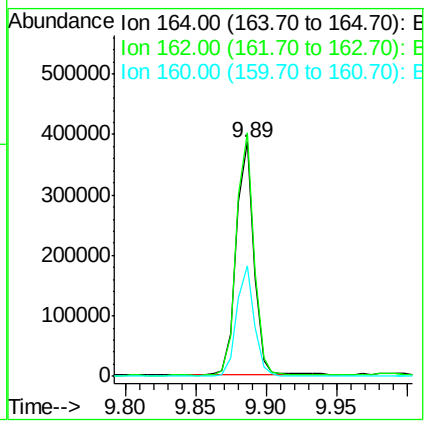


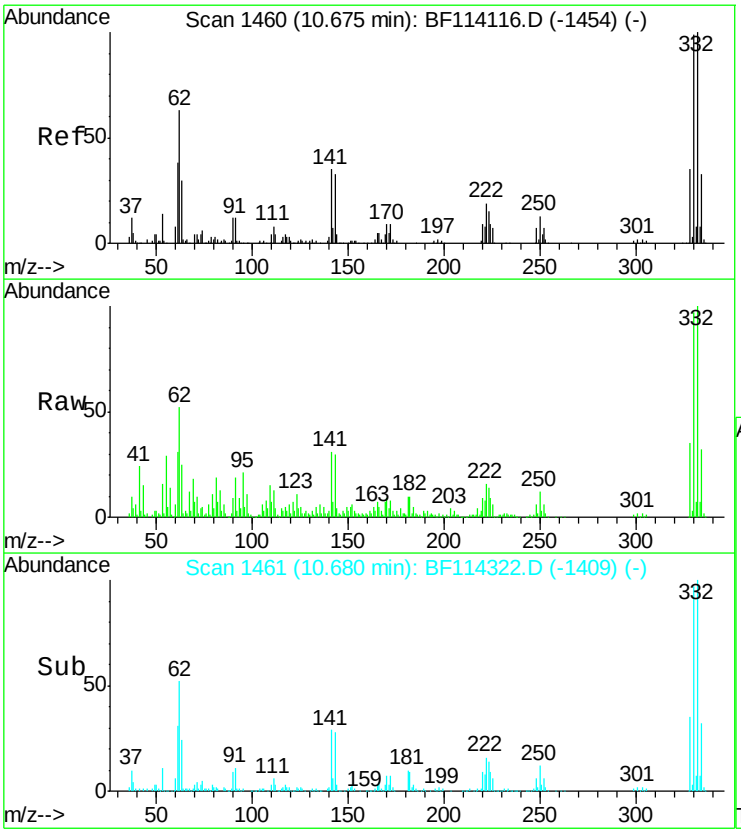
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:164 Resp: 335737

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.6	120.8
160	46.9	36.5	54.7

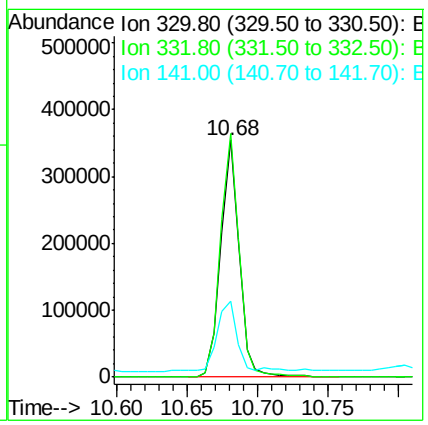


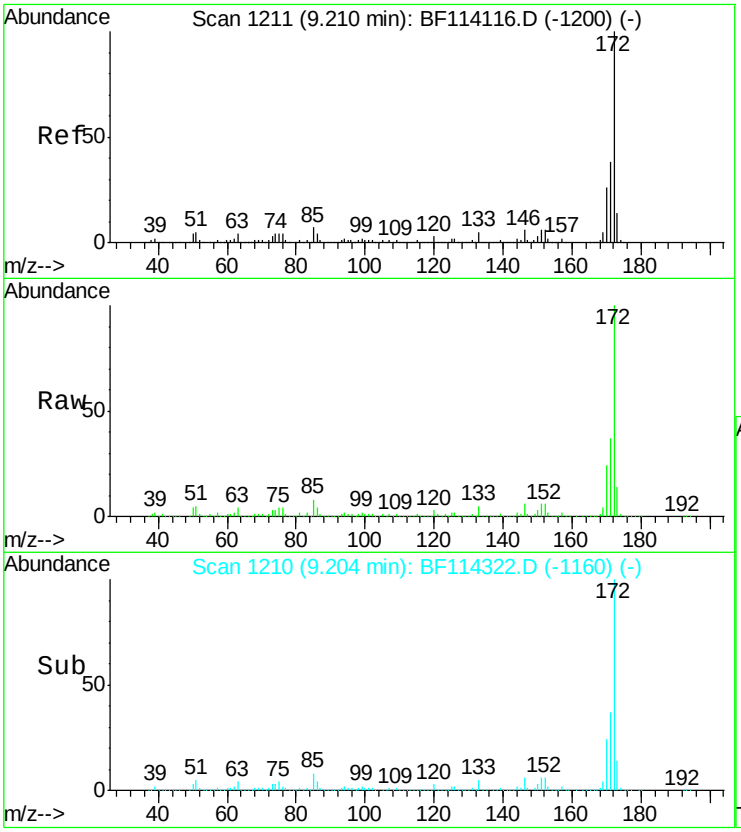


#42
2,4,6-Tribromophenol
Concen: 94.105 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:330 Resp: 326633

Ion	Ratio	Lower	Upper
330	100		
332	104.3	81.4	122.2
141	33.0	26.6	40.0



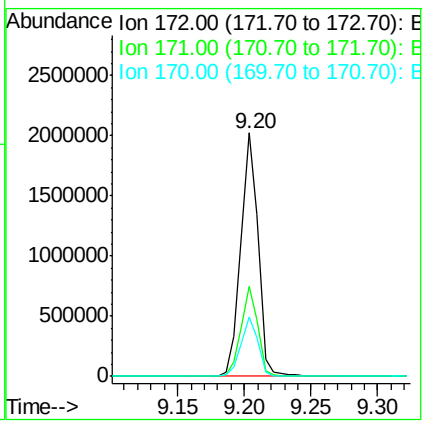


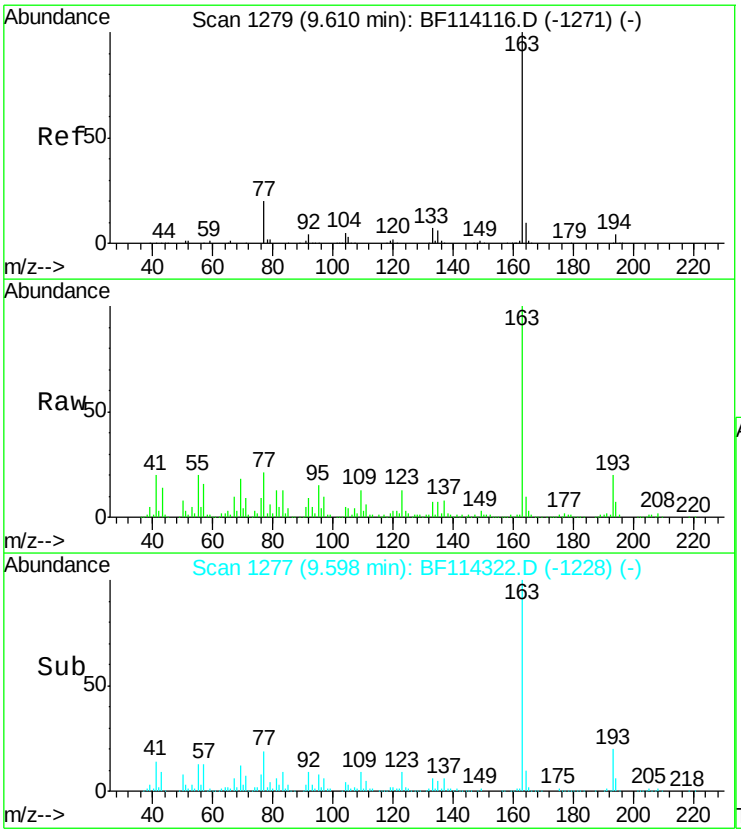
#45
2-Fluorobiphenyl
Concen: 82.278 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:172 Resp: 1826167

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.1	20.5	30.7

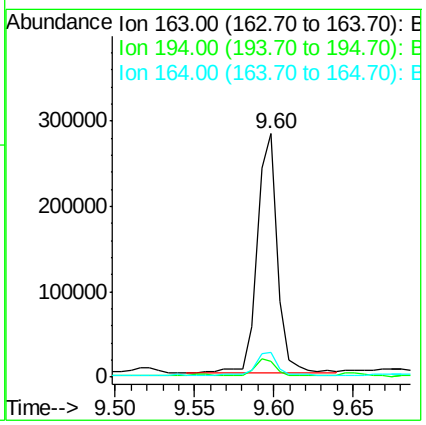


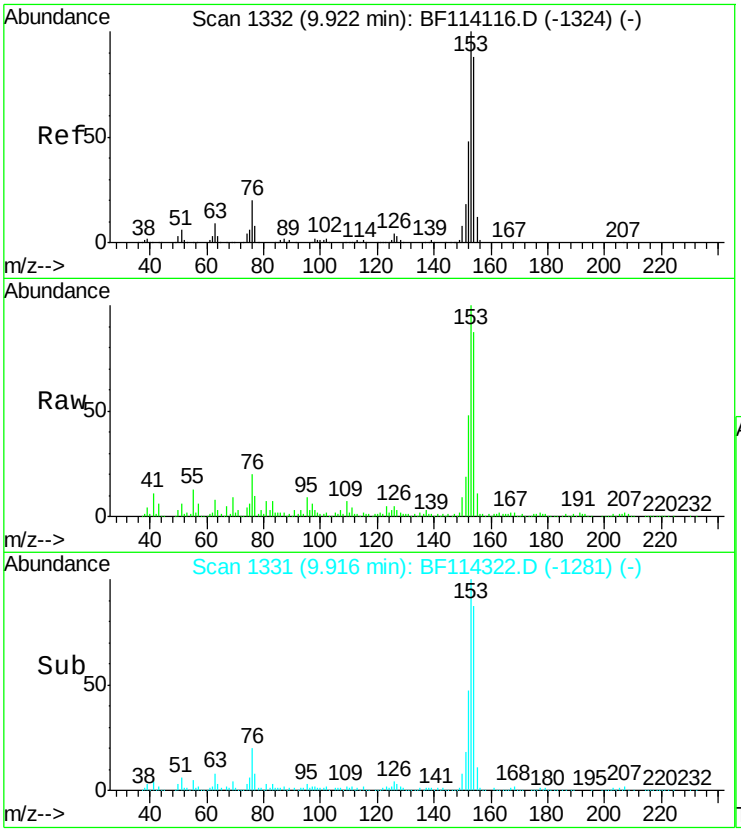


#50
Dimethylphthalate
Concen: 10.263 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:163 Resp: 252951

Ion	Ratio	Lower	Upper
163	100		
194	6.7	3.4	5.0#
164	10.3	8.2	12.2



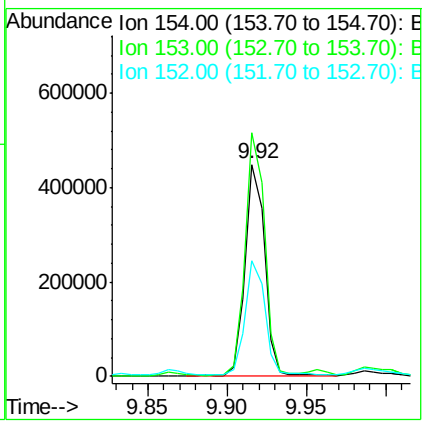


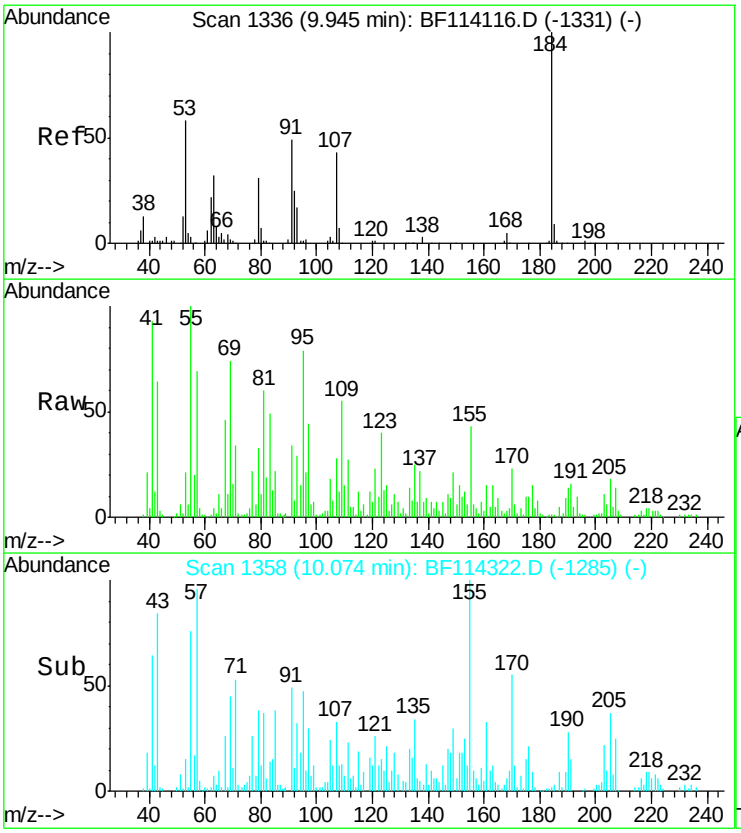
#52
Acenaphthene
Concen: 18.870 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:154 Resp: 384435

Ion	Ratio	Lower	Upper
154	100		
153	115.0	90.5	135.7
152	54.8	43.4	65.2

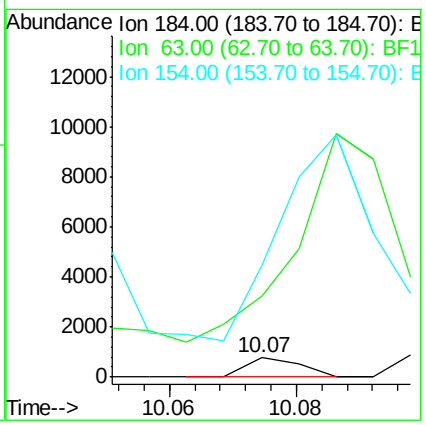


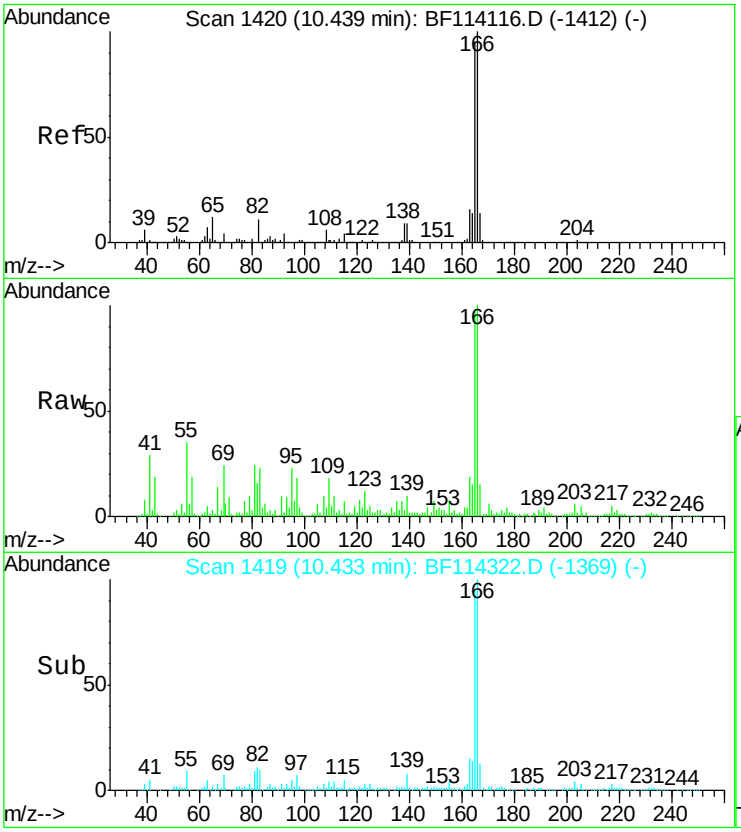


#54
2,4-Dinitrophenol
Concen: 6.895 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.13 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:184 Resp: 450

Ion	Ratio	Lower	Upper
184	100		
63	421.5	55.6	83.4#
154	576.0	46.0	69.0#



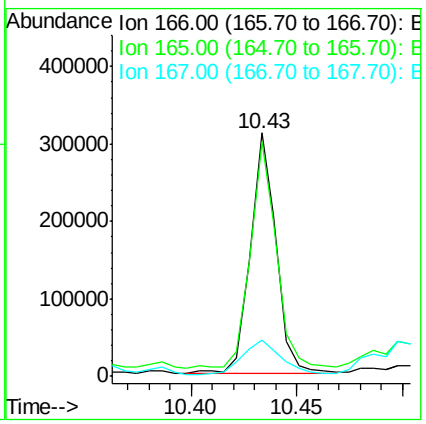


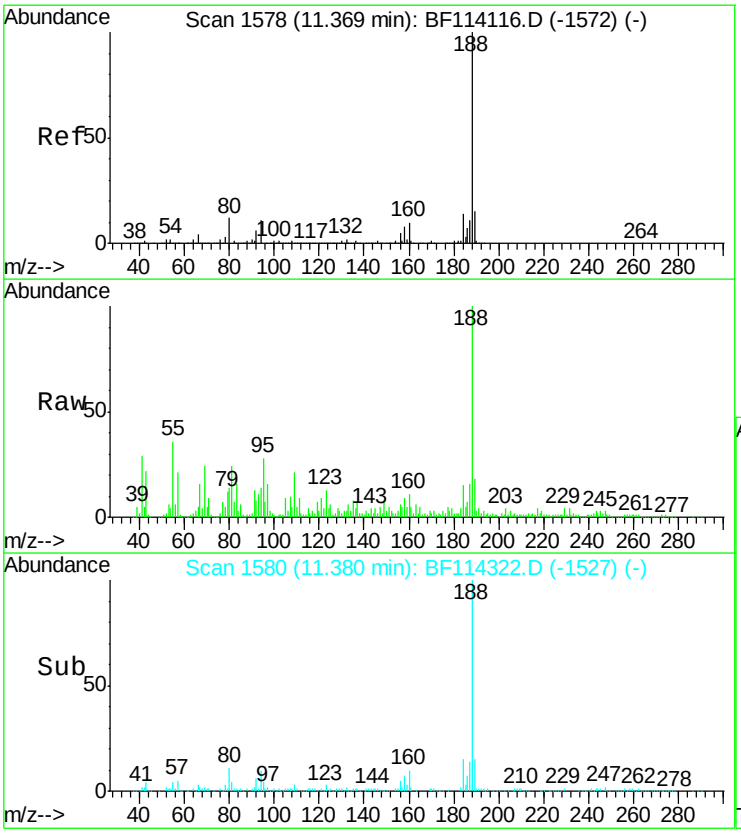
#58
Fluorene
Concen: 11.266 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:166 Resp: 259952

Ion	Ratio	Lower	Upper
166	100		
165	96.6	76.1	114.1
167	15.1	11.1	16.7

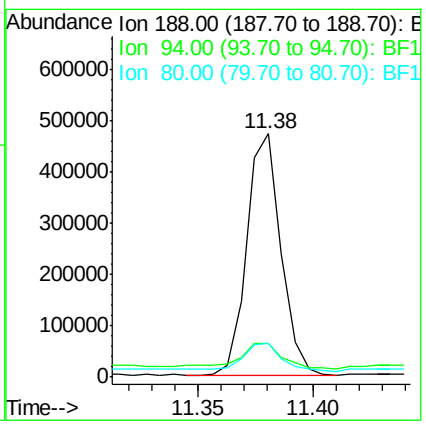


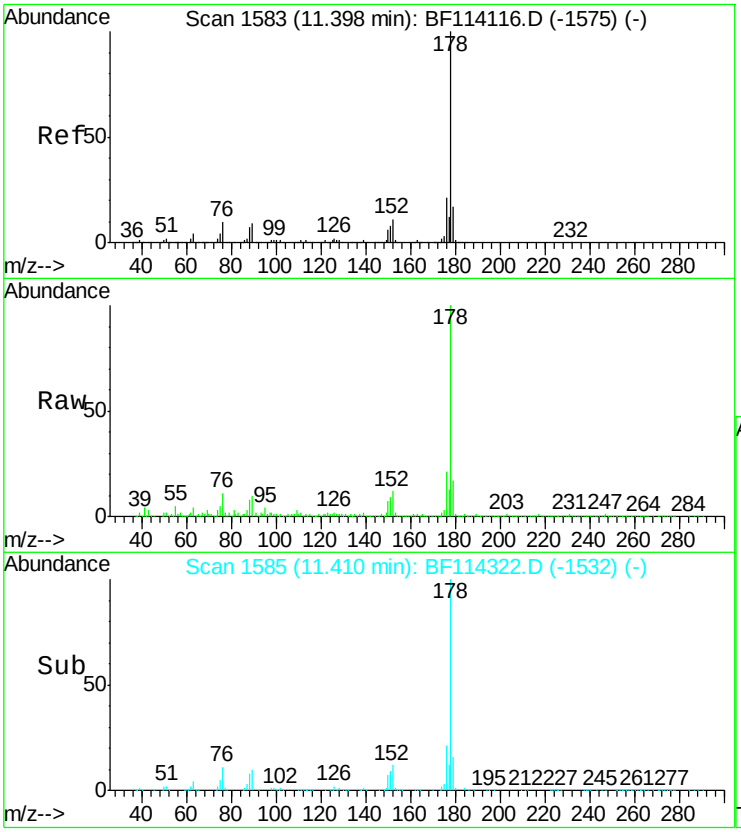


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:188 Resp: 483987

Ion	Ratio	Lower	Upper
188	100		
94	13.9	8.4	12.6#
80	13.9	9.2	13.8#



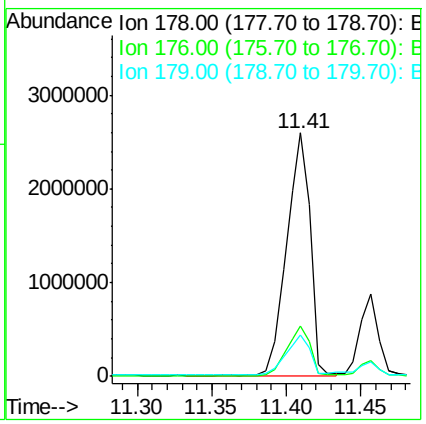


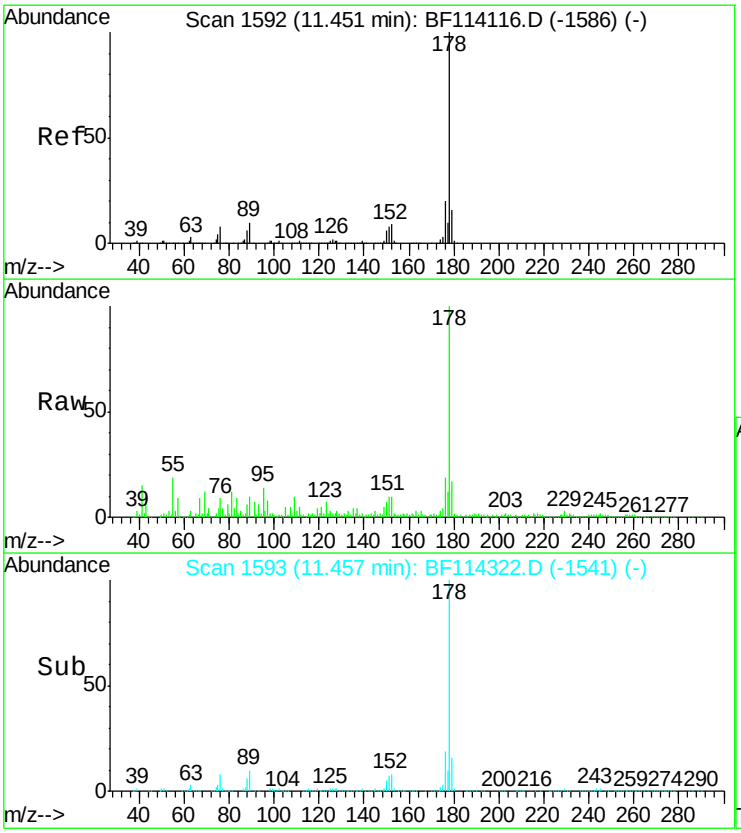
#71
Phenanthrene
Concen: 121.581 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:178 Resp: 2862825

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.4	24.6
179	16.7	13.2	19.8

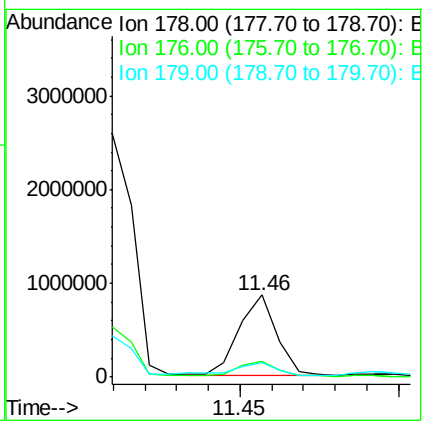


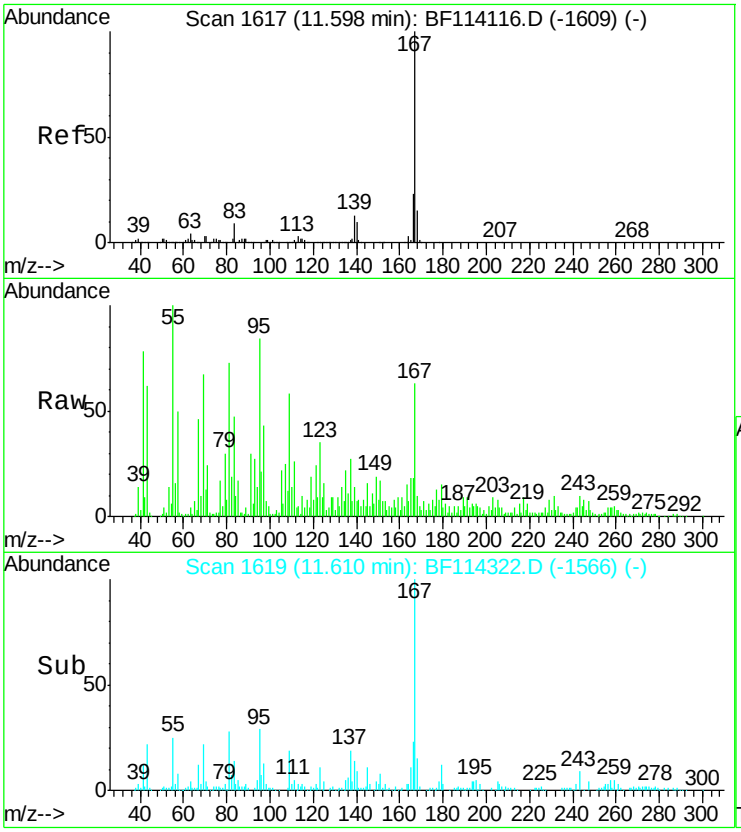


#72
Anthracene
Concen: 29.440 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:178 Resp: 696280

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	17.1	13.0	19.4



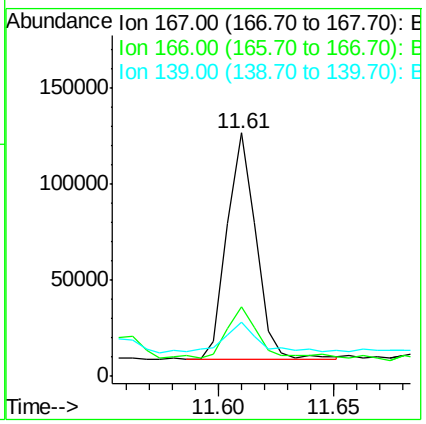


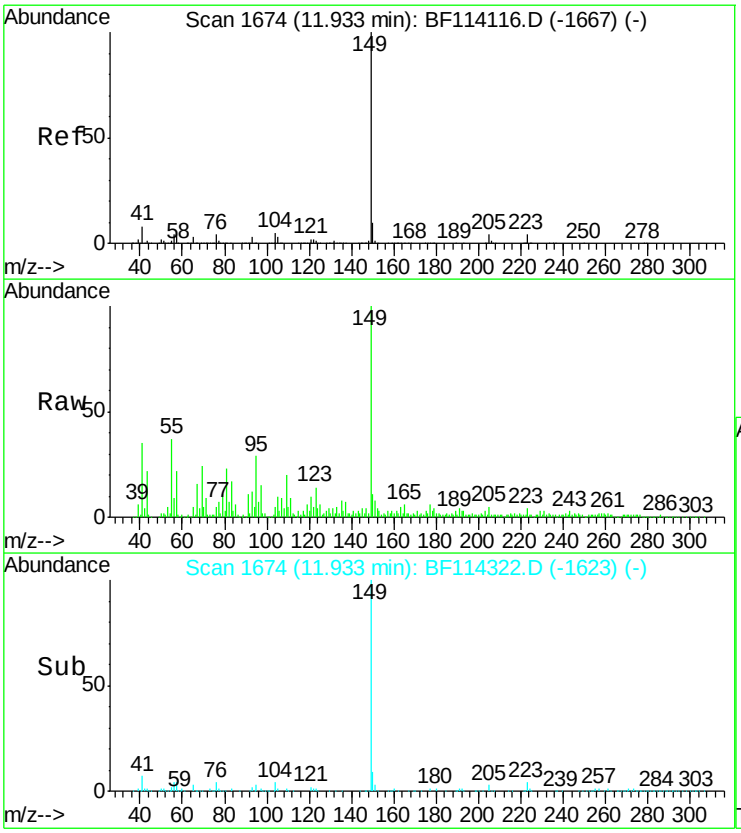
#73
Carbazole
Concen: 4.612 ng
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:167 Resp: 104003

Ion	Ratio	Lower	Upper
167	100		
166	28.7	18.2	27.2#
139	22.1	10.6	16.0#

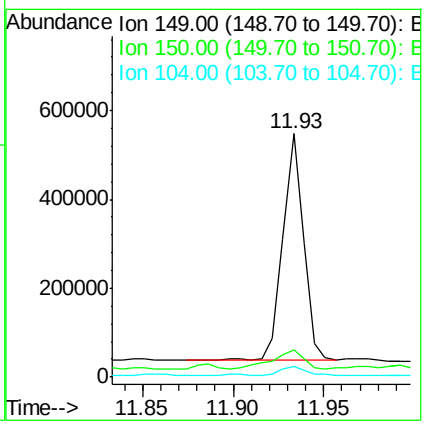


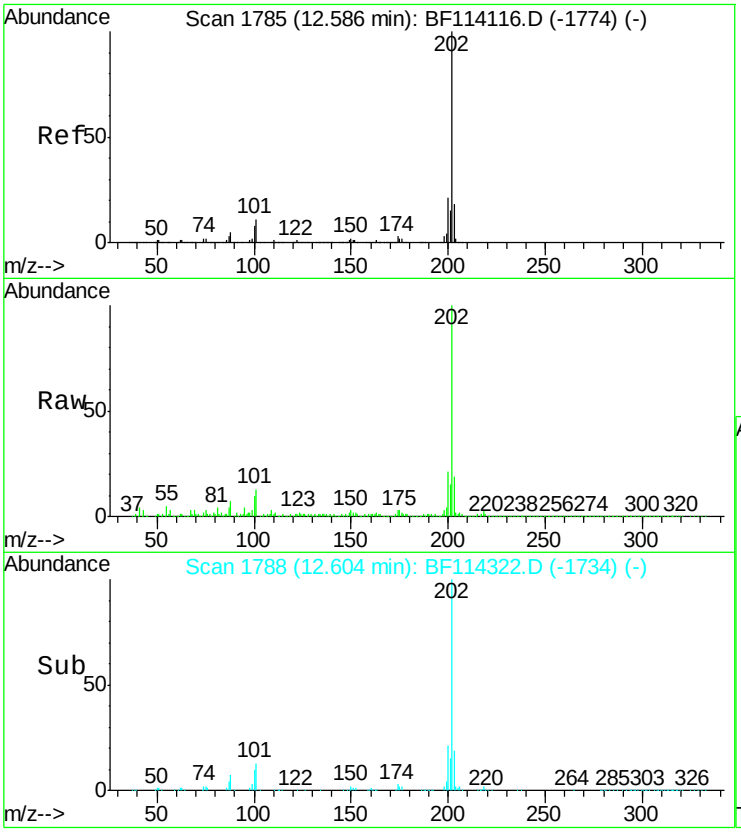


#74
Di-n-butylphthalate
Concen: 15.777 ng
RT: 11.93 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:149 Resp: 409924

Ion	Ratio	Lower	Upper
149	100		
150	11.4	7.7	11.5
104	4.6	3.6	5.4



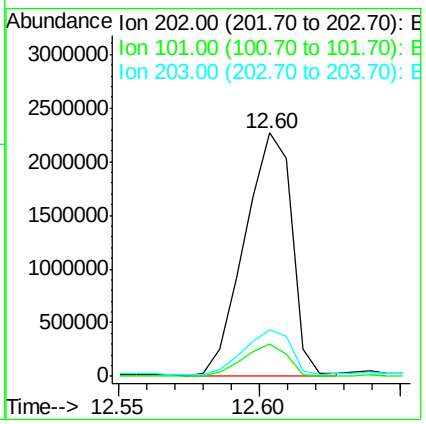


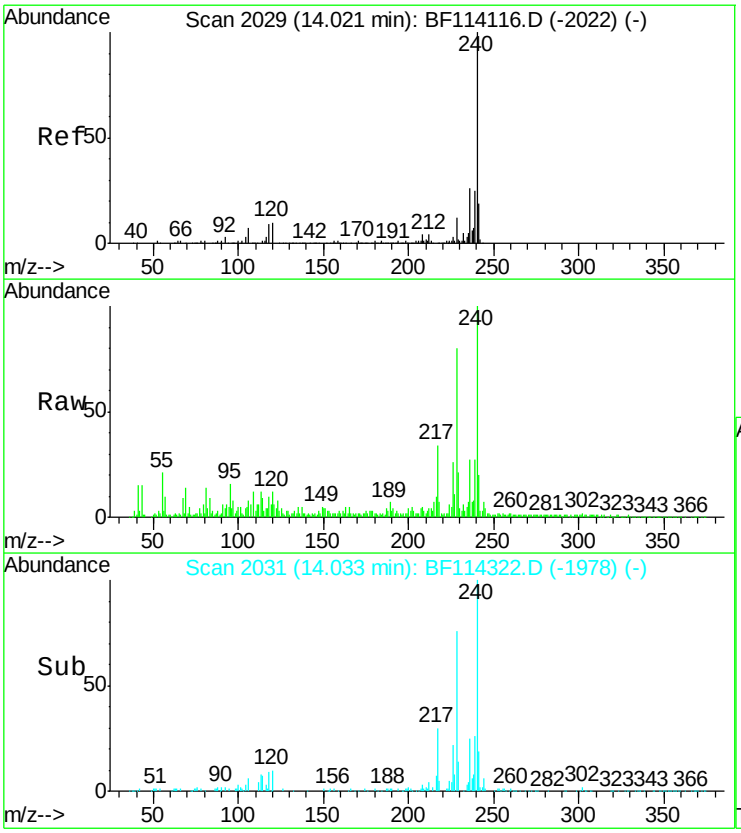
#75
Fluoranthene
Concen: 102.875 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.02 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:202 Resp: 2608554

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.0
203	19.4	0.0	38.4

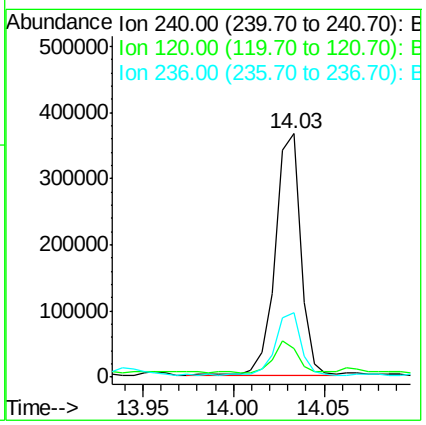


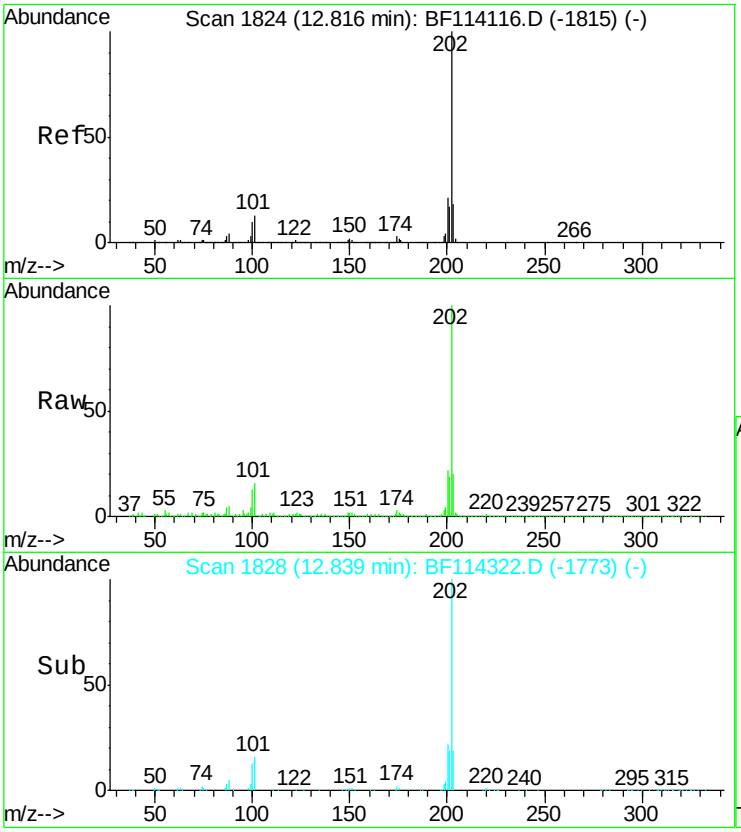


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:240 Resp: 353047

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	26.6	20.8	31.2



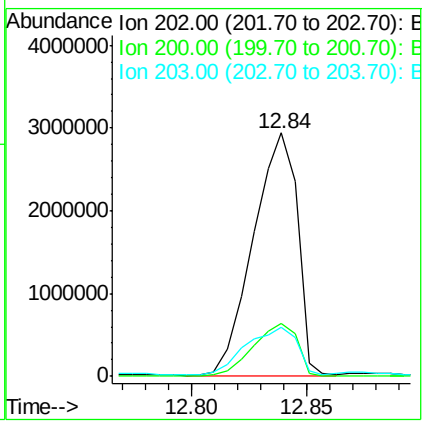


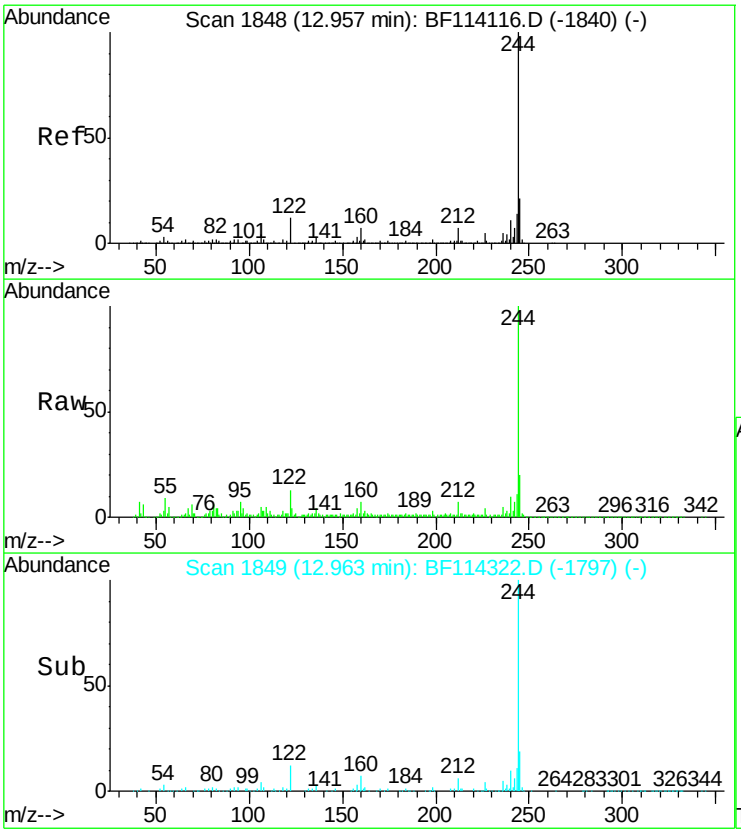
#78
Pyrene
Concen: 137.076 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.02 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:202 Resp: 3893071

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	19.9	14.5	21.7

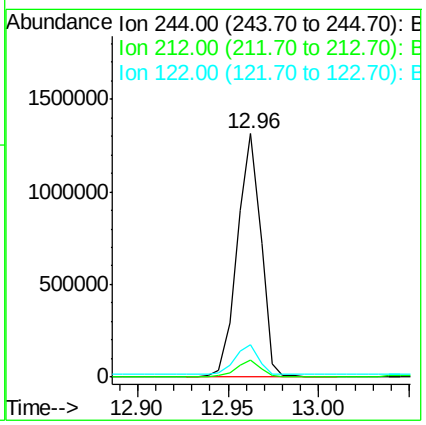


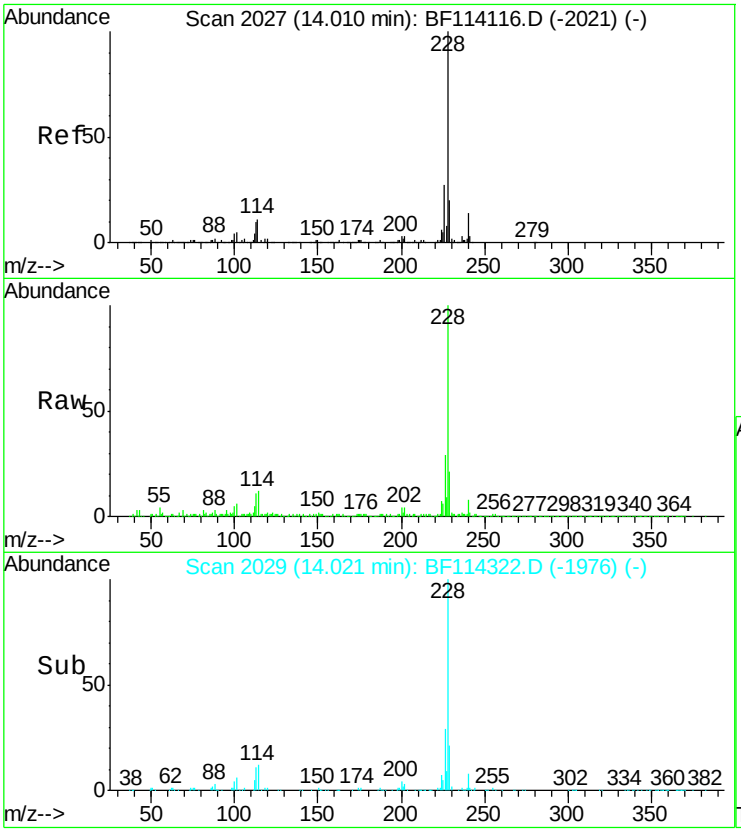


#79
Terphenyl-d14
Concen: 68.810 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:244 Resp: 1178462

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	13.2	9.4	14.2



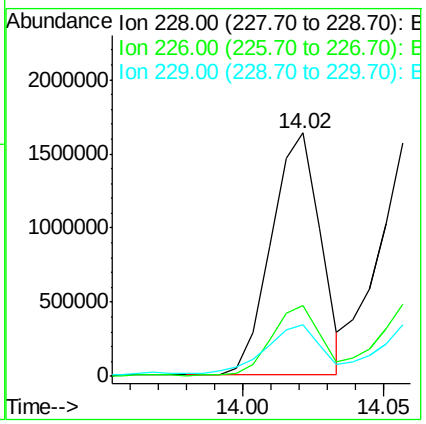


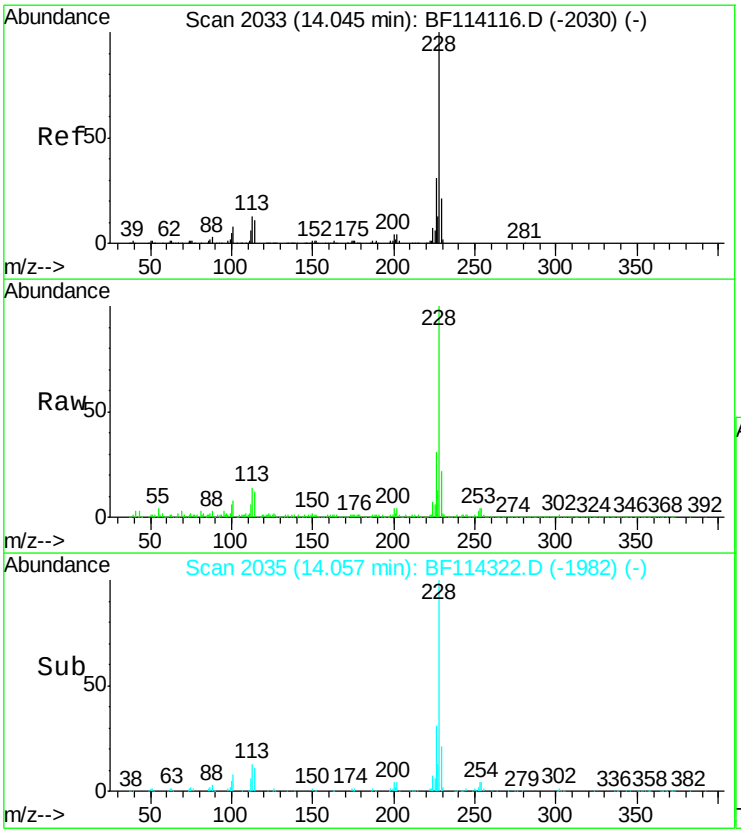
#81
Benzo(a)anthracene
Concen: 86.006 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:228 Resp: 1963929

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.2
229	21.3	16.4	24.6

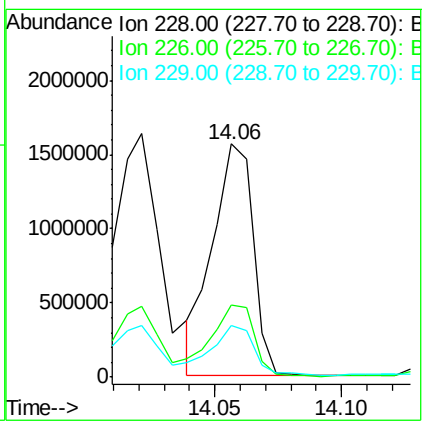


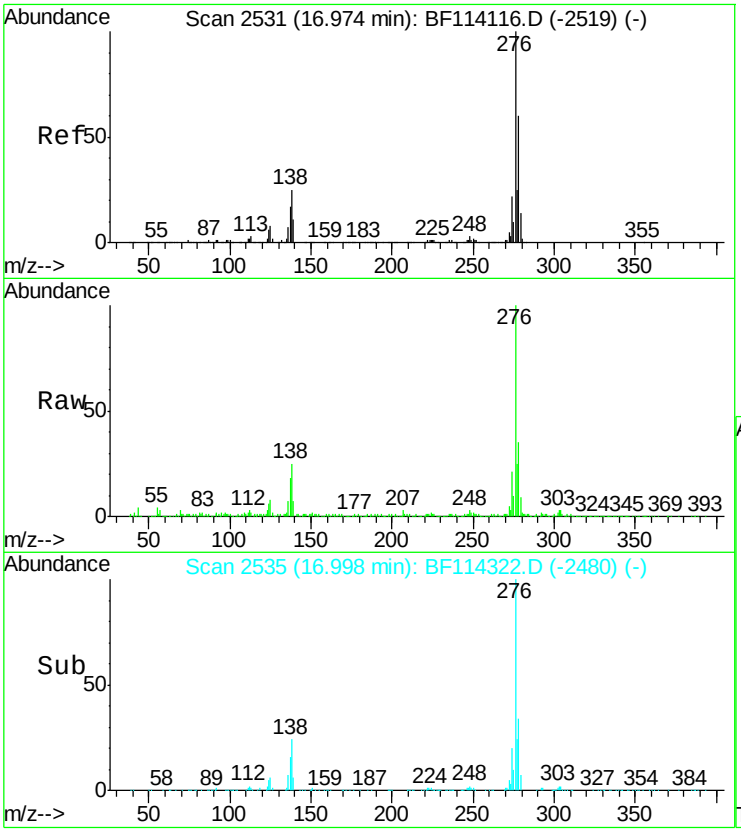


#83
Chrysene
Concen: 78.070 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:228 Resp: 1747561

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	21.9	17.0	25.6



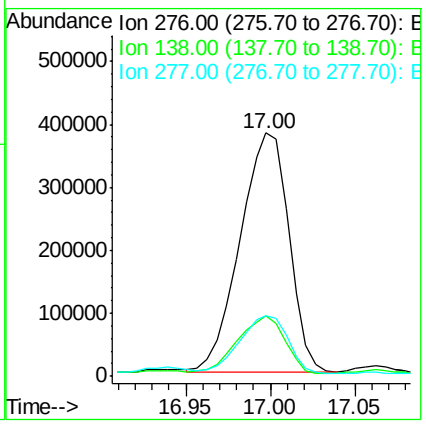


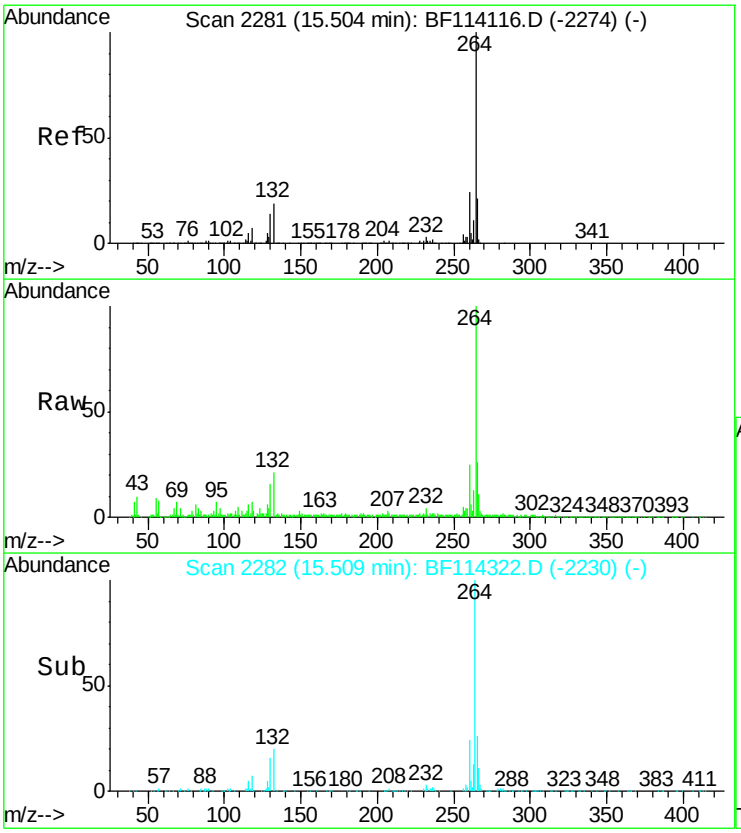
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.434 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:276 Resp: 760350

Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.2	30.2
277	24.3	20.0	30.0

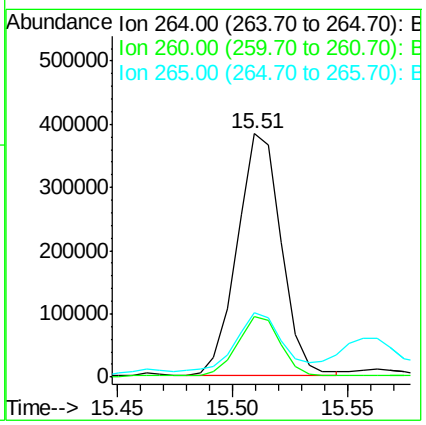


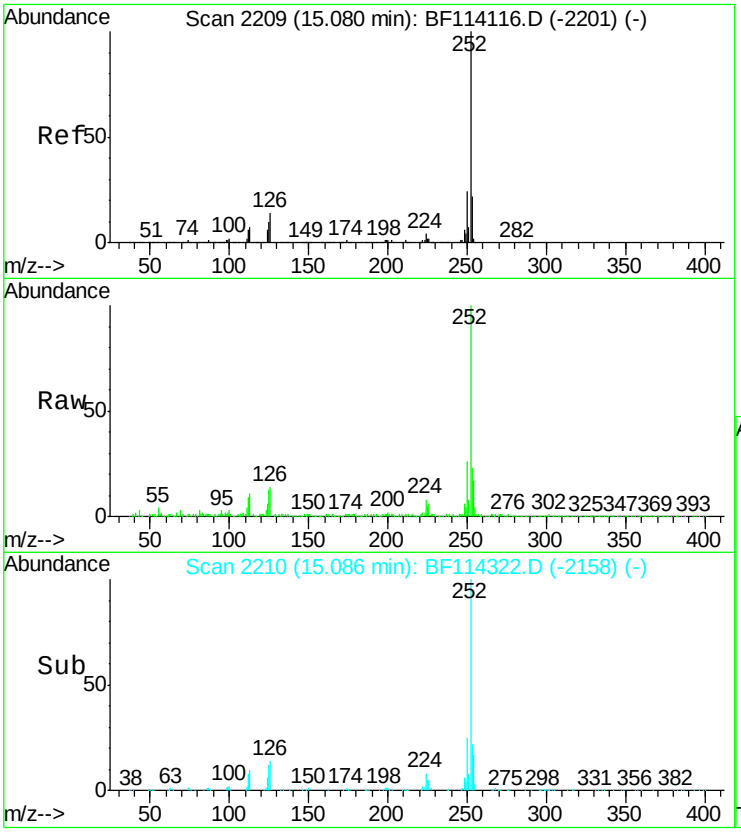


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:264 Resp: 508560

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.0
265	26.4	16.9	25.3#



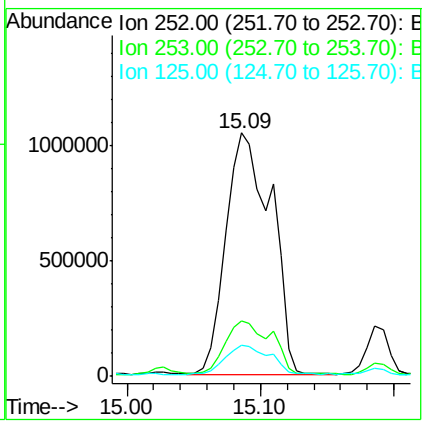


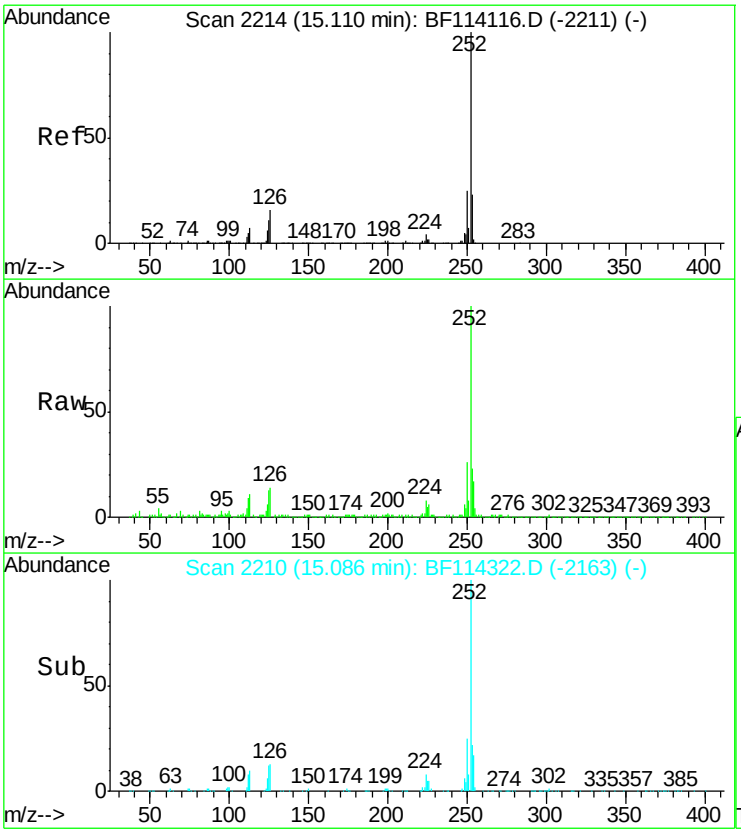
#88
Benzo(b)fluoranthene
Concen: 75.985 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:252 Resp: 2475683

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	12.7	8.3	12.5#

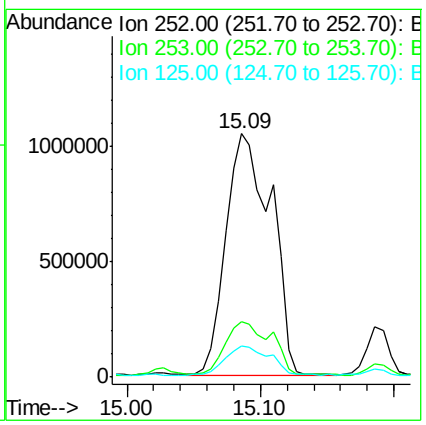


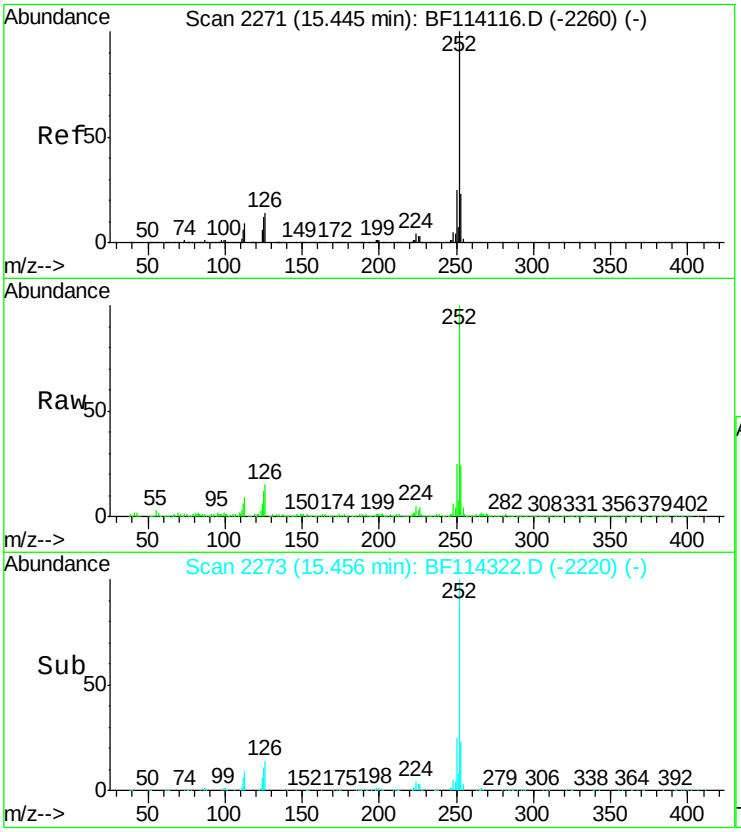


#89
Benzo(k)fluoranthene
Concen: 82.718 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:252 Resp: 2475683

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	12.7	8.6	13.0



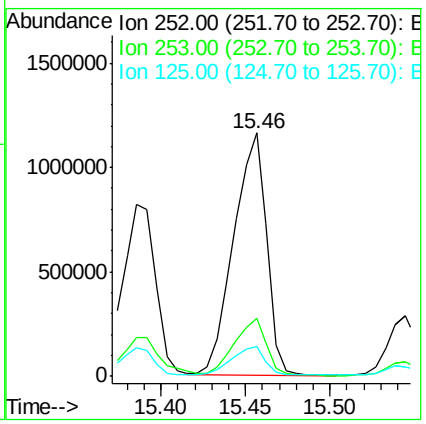


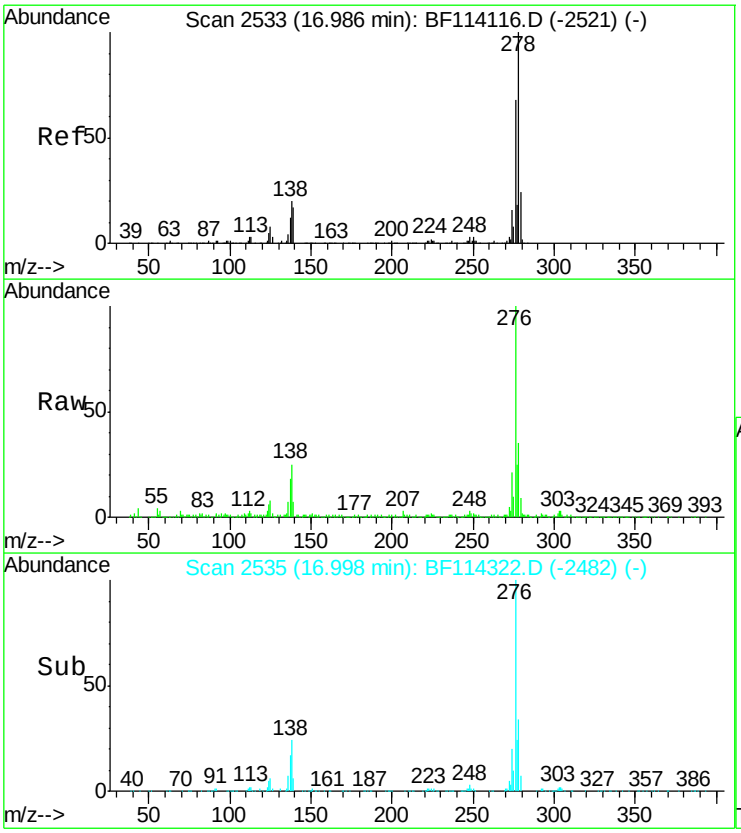
#90
Benzo(a)pyrene
Concen: 55.081 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:252 Resp: 1579395

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	12.1	9.5	14.3

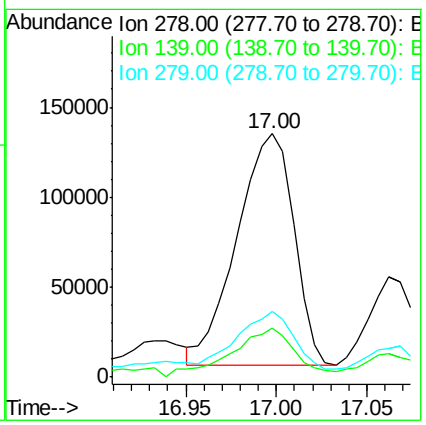


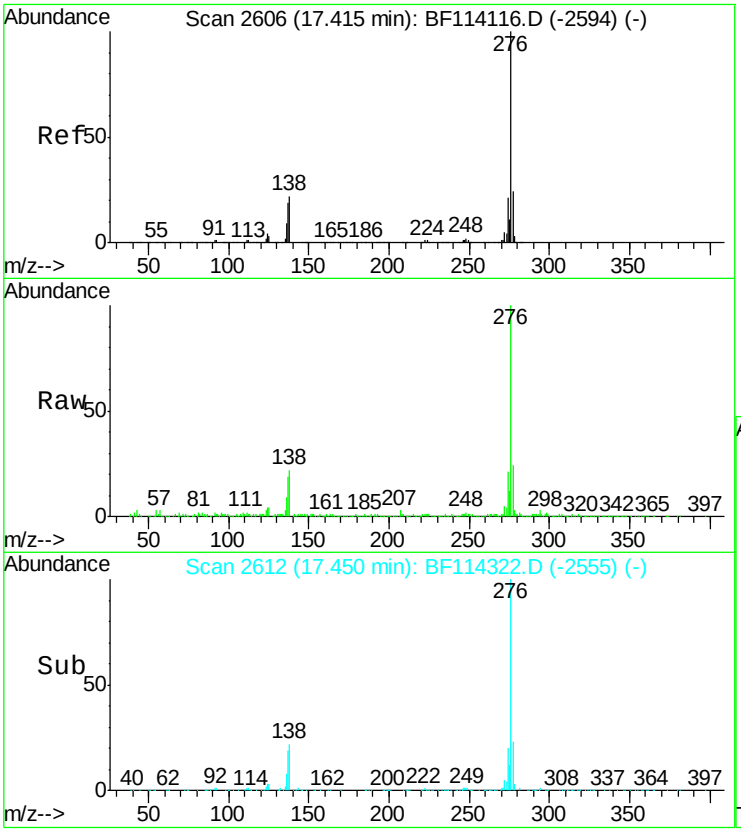


#91
Dibenzo(a,h)anthracene
Concen: 11.862 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Tgt Ion:278 Resp: 282646

Ion	Ratio	Lower	Upper
278	100		
139	20.0	13.5	20.3
279	27.1	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 30.588 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.04 min
Lab File: BF114322.D
Acq: 16 May 2019 21:06

Instrument :
BNA_F
ClientSampleId :
RO-COMP-2

Tgt Ion:276 Resp: 730389

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	22.3	17.8	26.6