Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116175.D
Acq On : 11 Aug 2019 4:58
Operator : HP/JU
Sample : K4165-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 12 04:24:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	144245	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	553238	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	265427	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	381210	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	273513	20.00	ng		-0.01
87) Perylene-d12	15.47	264	255388	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	653461	75.84	ng		0.00
7) Phenol-d6	6.47	99	868963	79.93	ng		-0.01
23) Nitrobenzene-d5	7.40	82	551673	57.56	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	158000	61.40	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	963809	68.01	ng		-0.01
79) Terphenyl-d14	12.93	244	737800	56.84	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	71227	10.573	ng	#	79
25) Isophorone	7.40	82	552381	30.141	ng	#	65
50) Dimethylphthalate	9.59	163	208260	11.524	ng		99
57) 2,4-Dinitrotoluene	9.87	165	34145	6.530	ng	#	20
67) 4-Bromophenyl-phenylether	10.66	248	9541	2.338	ng	#	1
71) Phenanthrene	11.38	178	122934	6.308	ng		97
75) Fluoranthene	12.57	202	186000	9.117	ng		99
78) Pyrene	12.80	202	160319	7.776	ng		98
81) Benzo(a)anthracene	13.99	228	82000	4.691	ng		97
83) Chrysene	14.03	228	74295	4.377	ng		96
86) Indeno(1,2,3-cd)pyrene	16.96	276	34742	2.437	ng		96
88) Benzo(b)fluoranthene	15.04	252	121212	8.208	ng		99
89) Benzo(k)fluoranthene	15.04	252	120707	8.392	ng		98
90) Benzo(a)pyrene	15.41	252	60905	4.614	ng		98
92) Benzo(g,h,i)perylene	17.40	276	30202	2.691	ng		96

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

Quantitation Report (Not Reviewed)

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Acq On : 11 Aug 2019 4:58
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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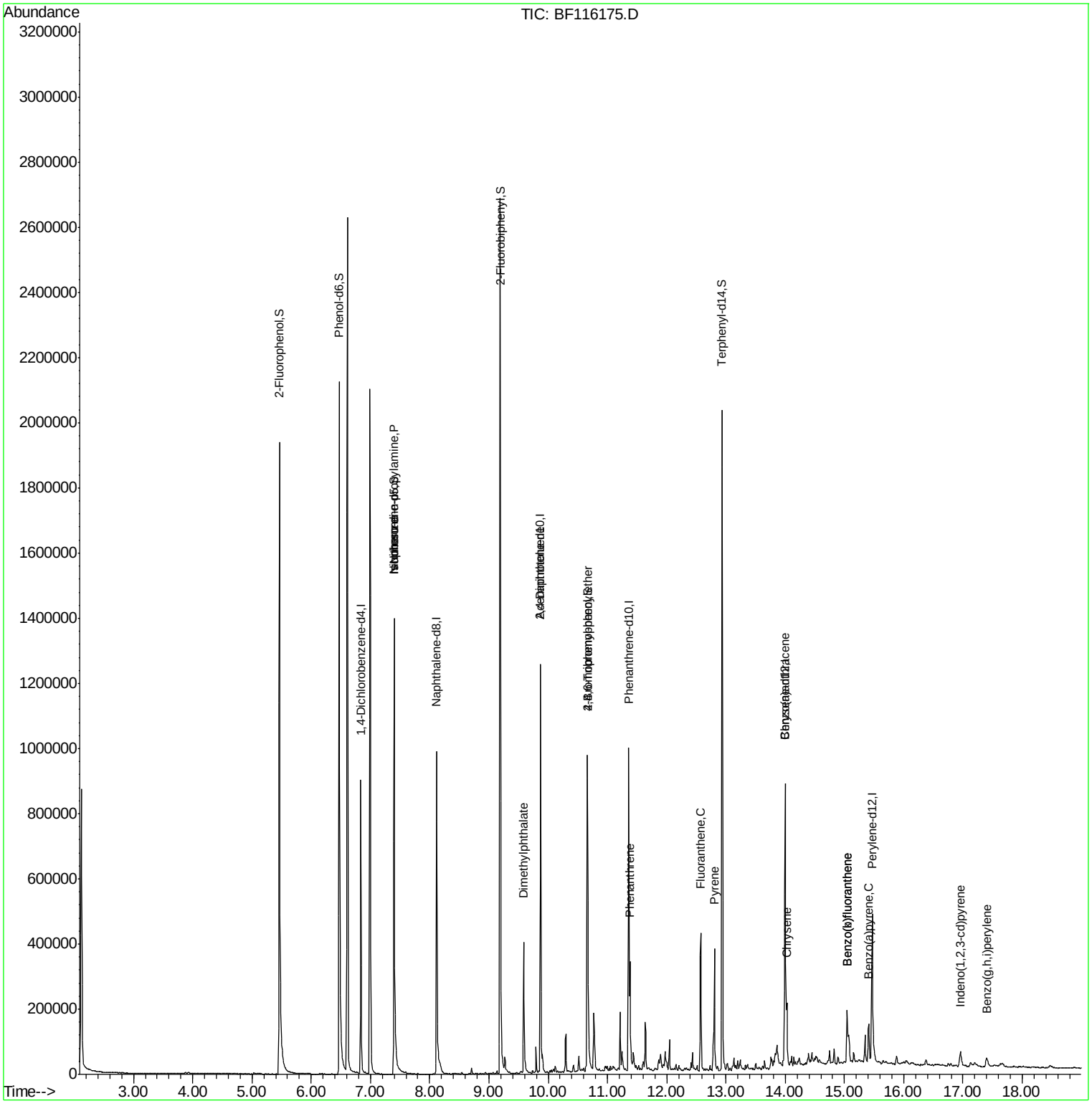
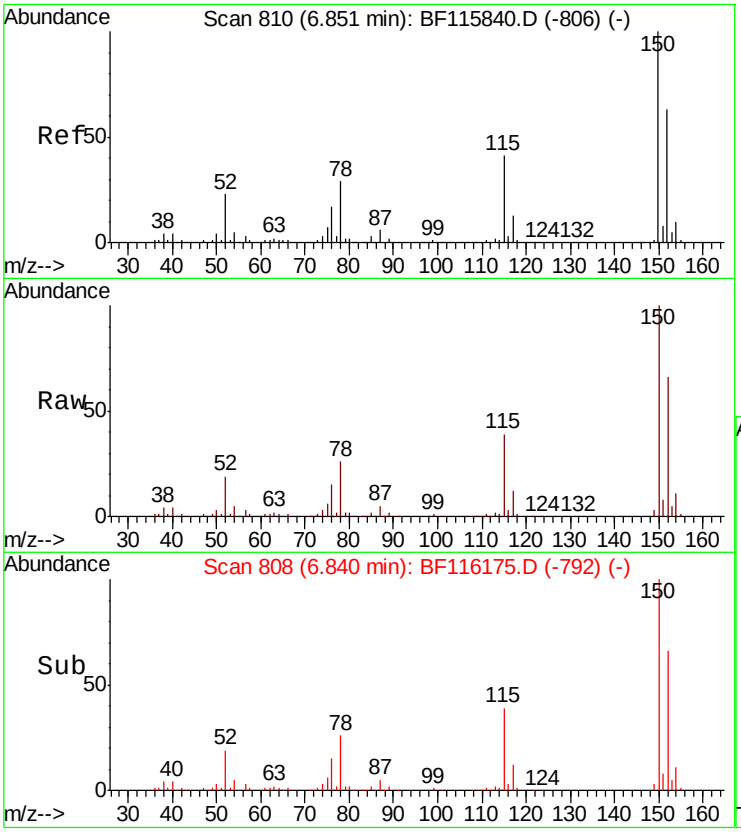


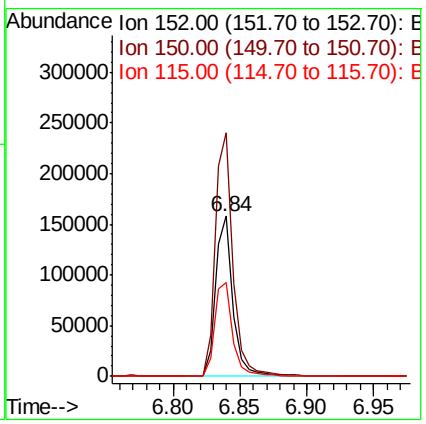


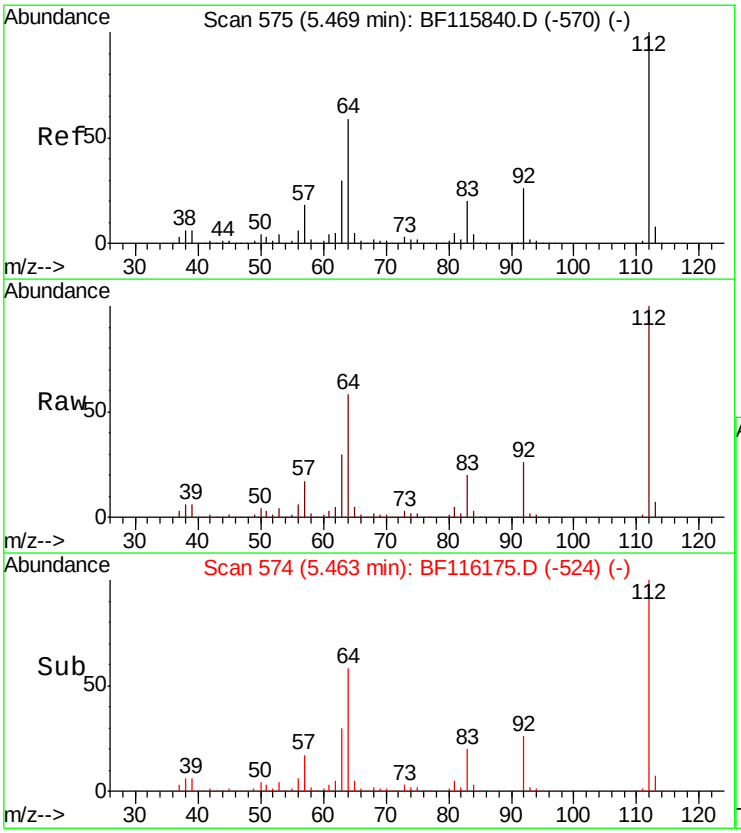
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 144245

Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.2	189.2
115	58.8	49.9	74.9

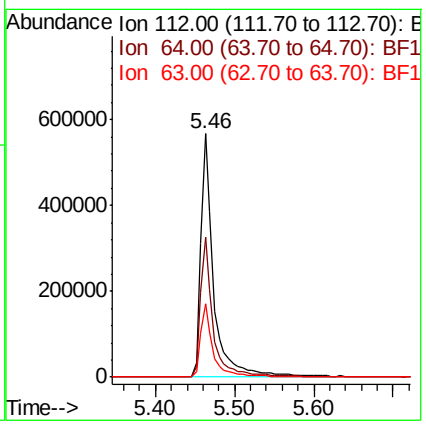


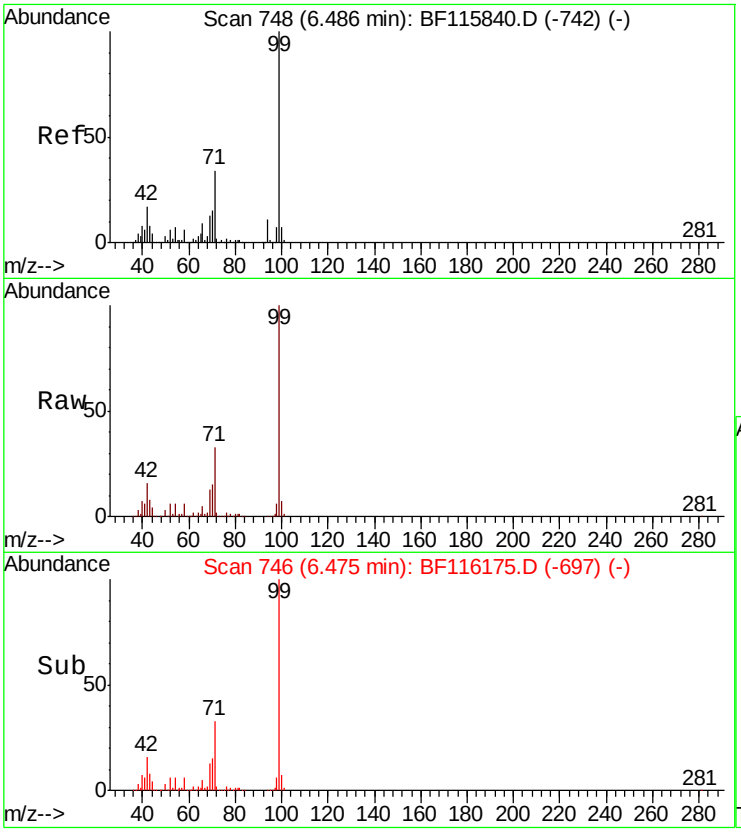


#5
2-Fluorophenol
Concen: 75.839 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion:112 Resp: 653461

Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.4	68.2
63	30.1	23.7	35.5



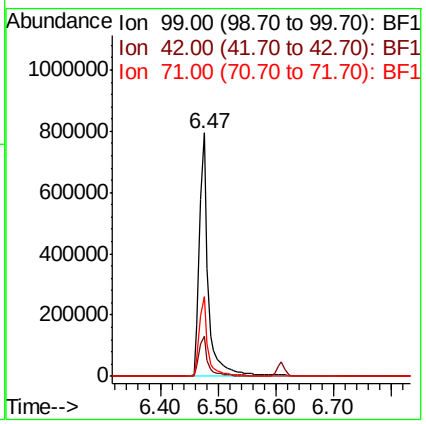


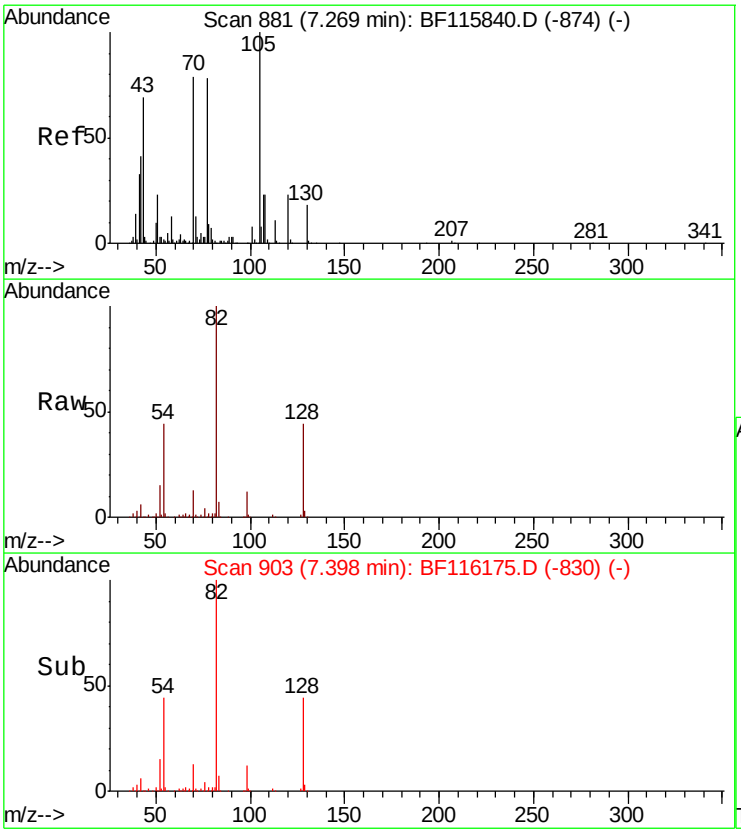
#7
Phenol-d6
Concen: 79.933 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 868963

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.8	20.8
71	32.9	27.3	40.9

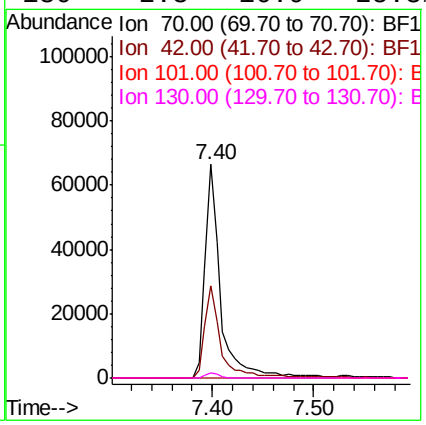


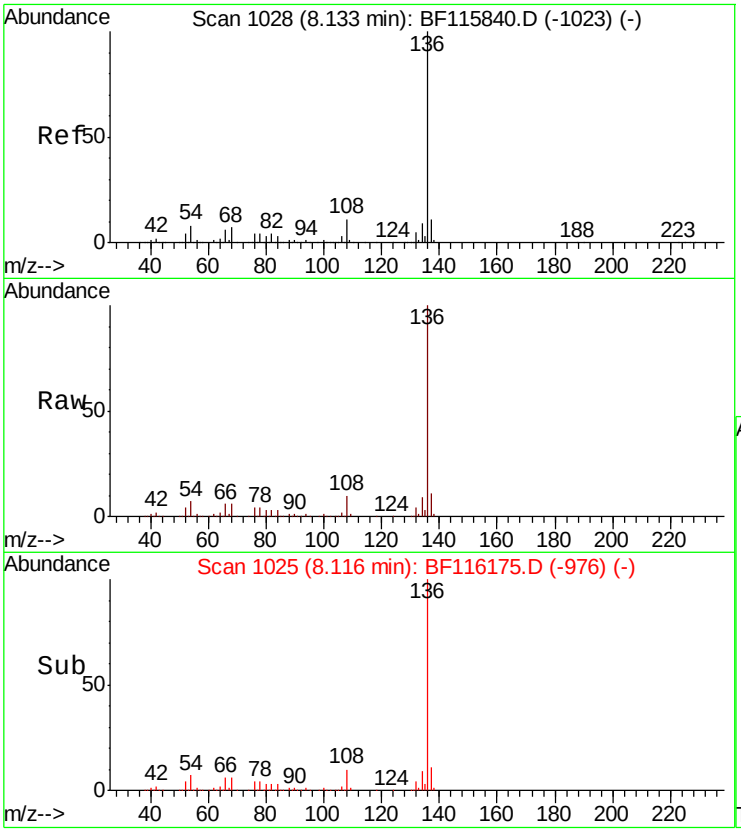


#19
n-Nitroso-di-n-propylamine
Concen: 10.573 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion: 70 Resp: 71227

Ion	Ratio	Lower	Upper
70	100		
42	43.3	40.9	61.3
101	0.0	7.9	11.9#
130	2.3	16.9	25.3#



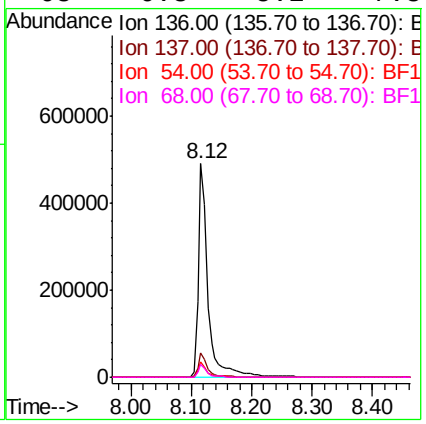


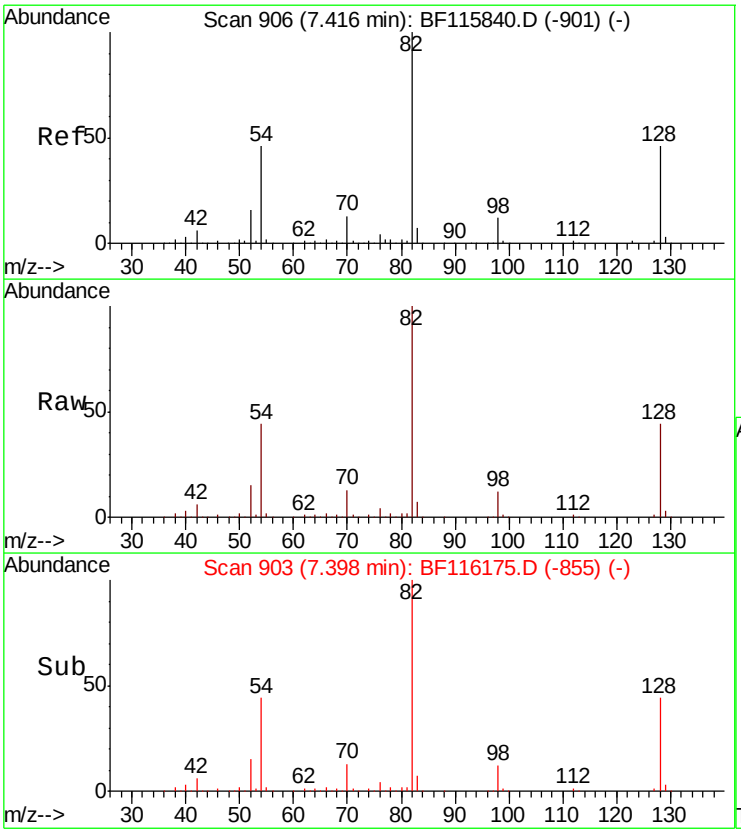
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 553238

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.3	5.8	8.6
68	6.3	5.2	7.8

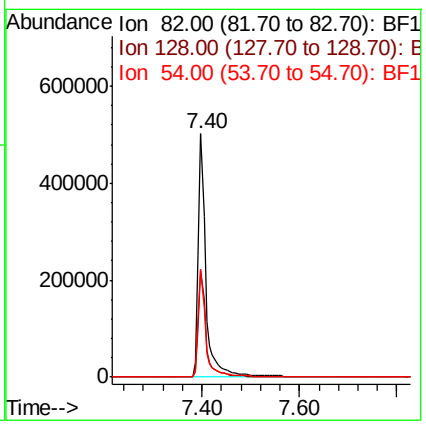


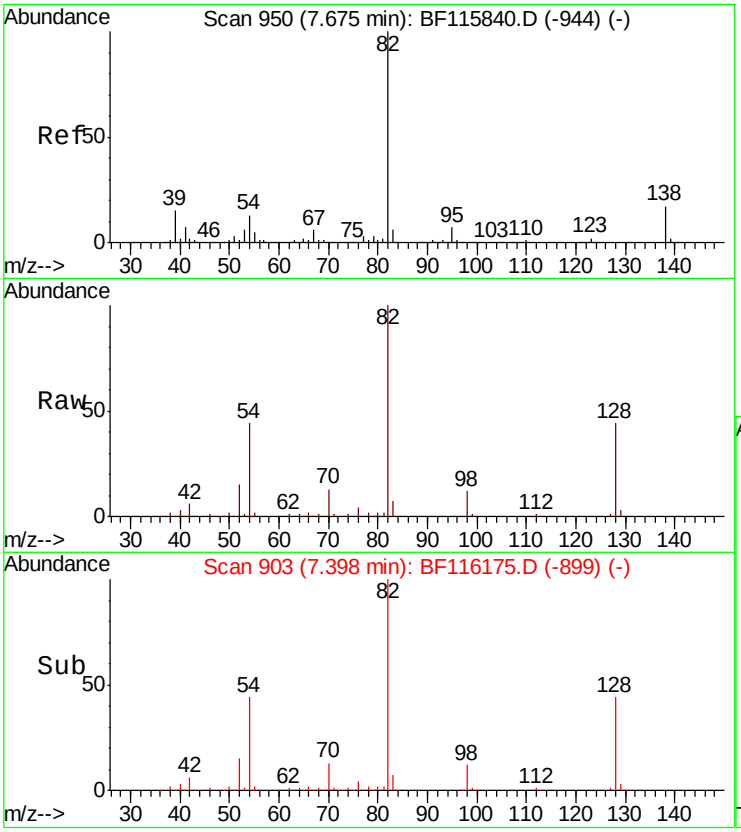


#23
Nitrobenzene-d5
Concen: 57.560 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion: 82 Resp: 551673

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.5	54.7
54	44.2	36.0	54.0



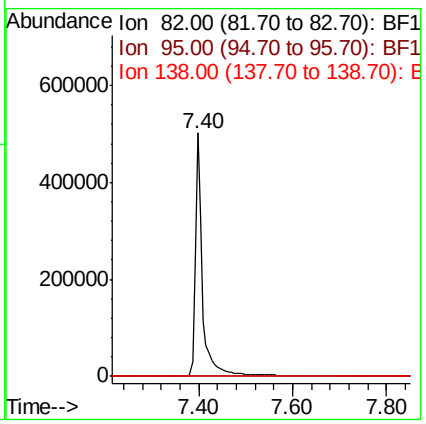


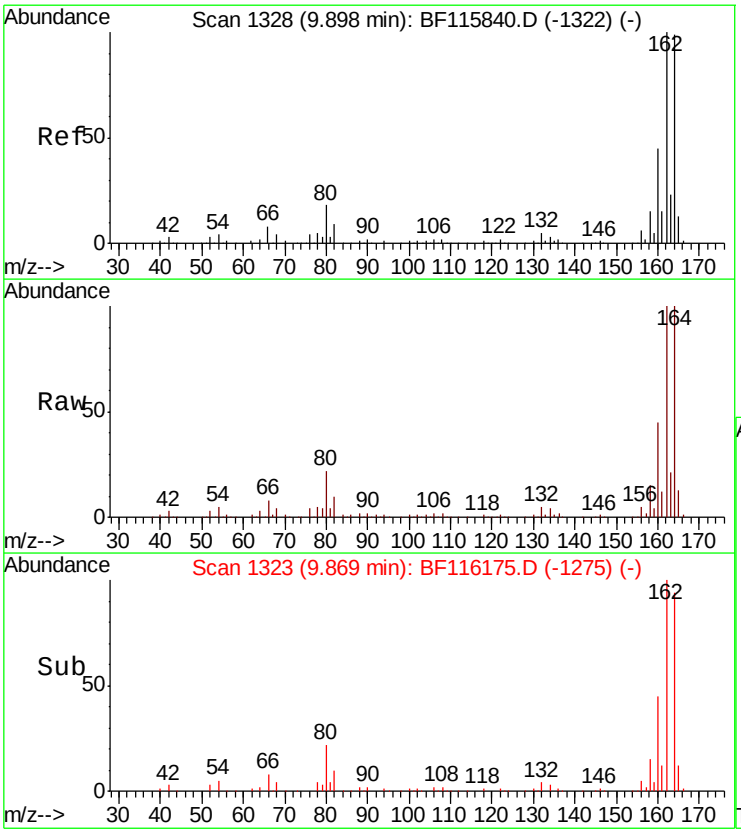
#25
Isophorone
Concen: 30.141 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 552381

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#

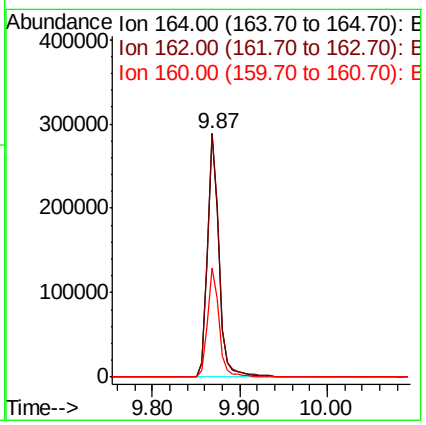


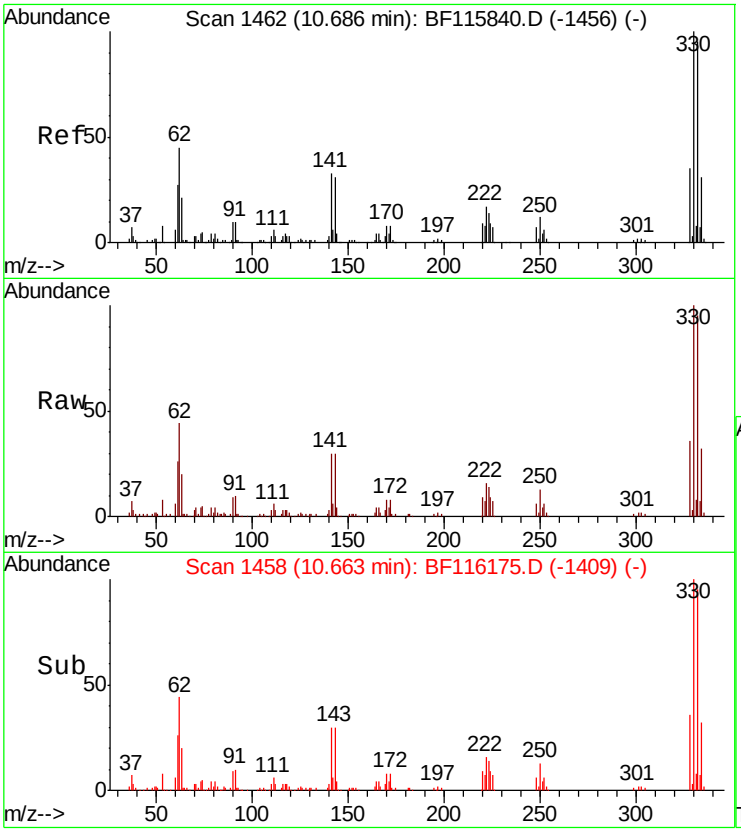


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion:164 Resp: 265427

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.6	124.0
160	45.1	37.6	56.4



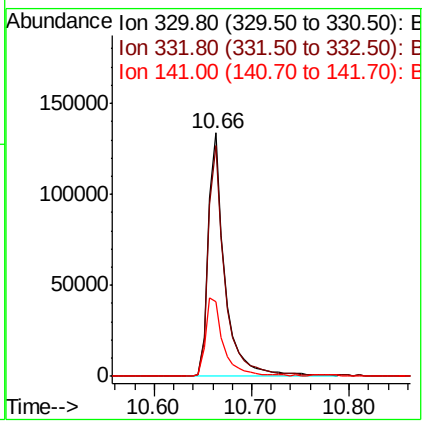


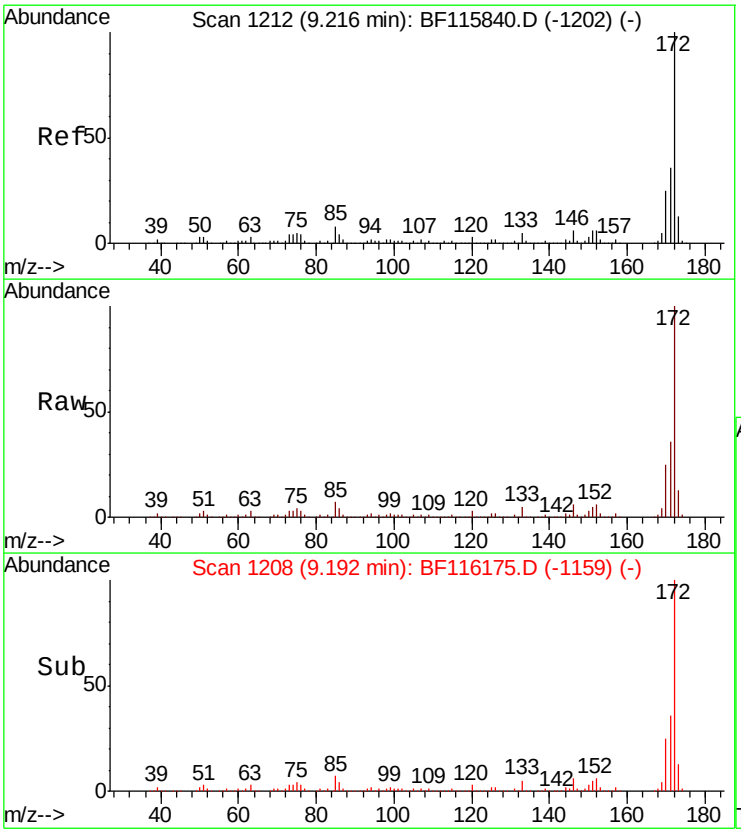
#42
2,4,6-Tribromophenol
Concen: 61.398 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 158000

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	35.0	26.3	39.5

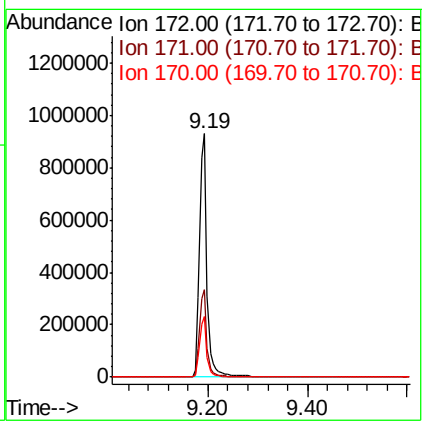


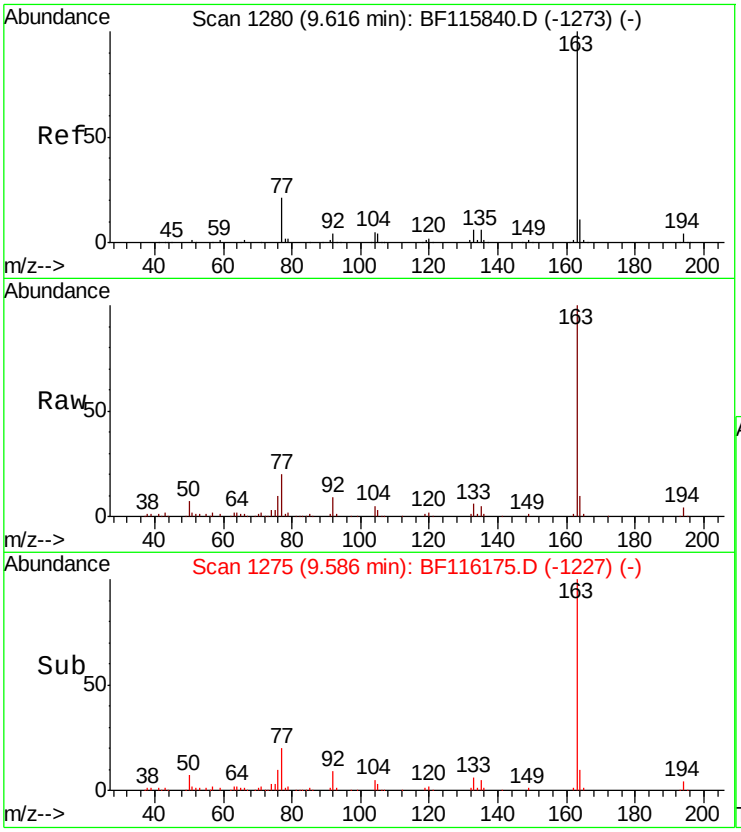


#45
2-Fluorobiphenyl
Concen: 68.014 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion:172 Resp: 963809

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.7	20.1	30.1

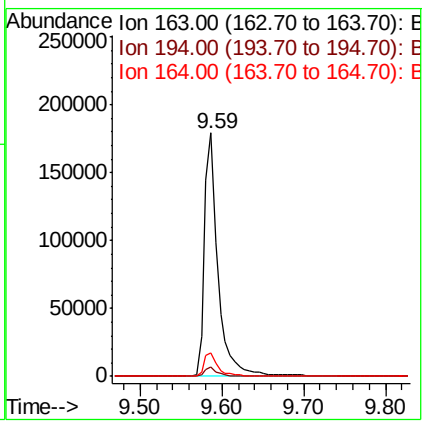




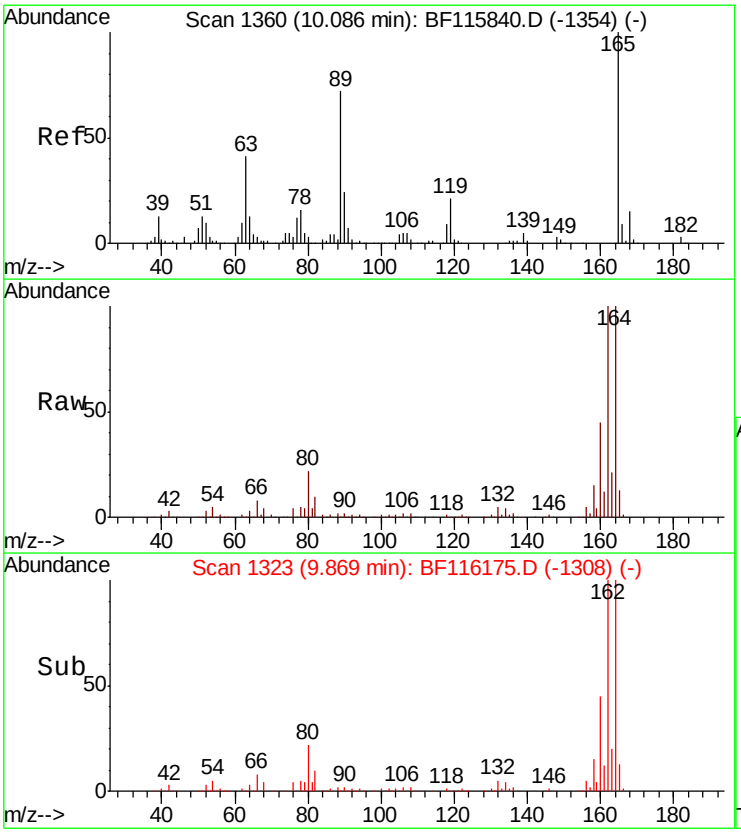
#50
Dimethylphthalate
Concen: 11.524 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion:163 Resp: 208260

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.8	8.4	12.6



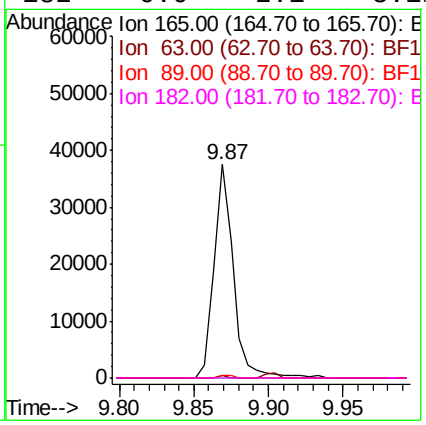
Instrument :
BNA_F
ClientSampleId :

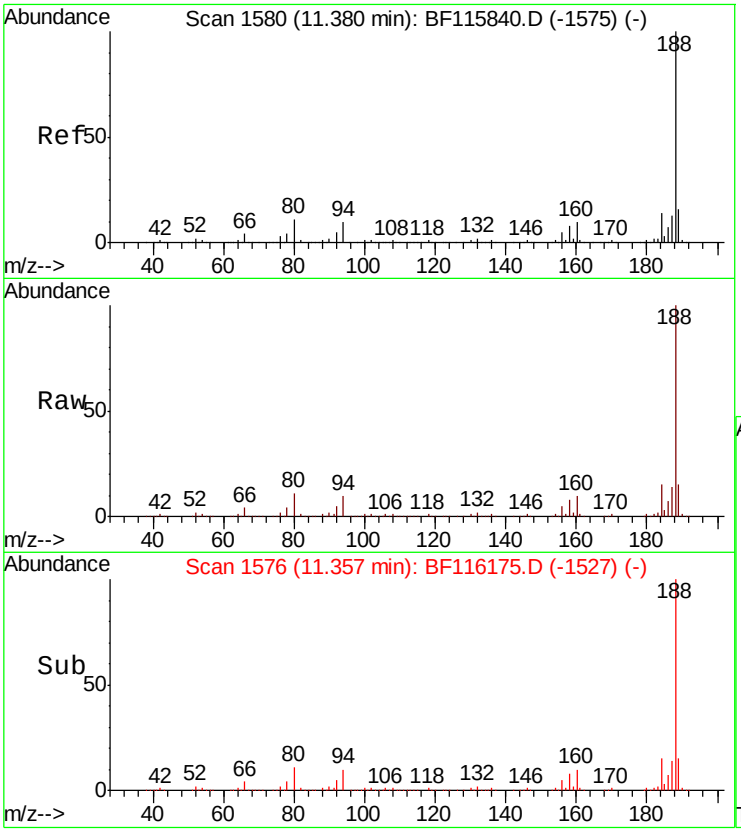


#57
2,4-Dinitrotoluene
Concen: 6.530 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion:165 Resp: 34145

Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#



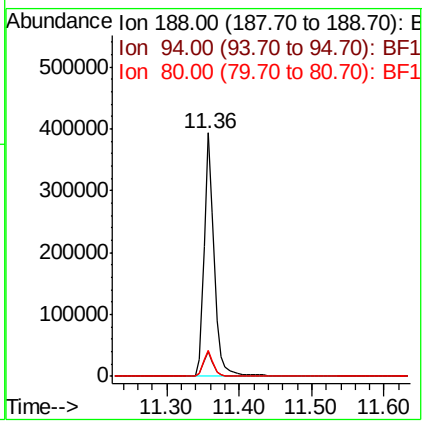


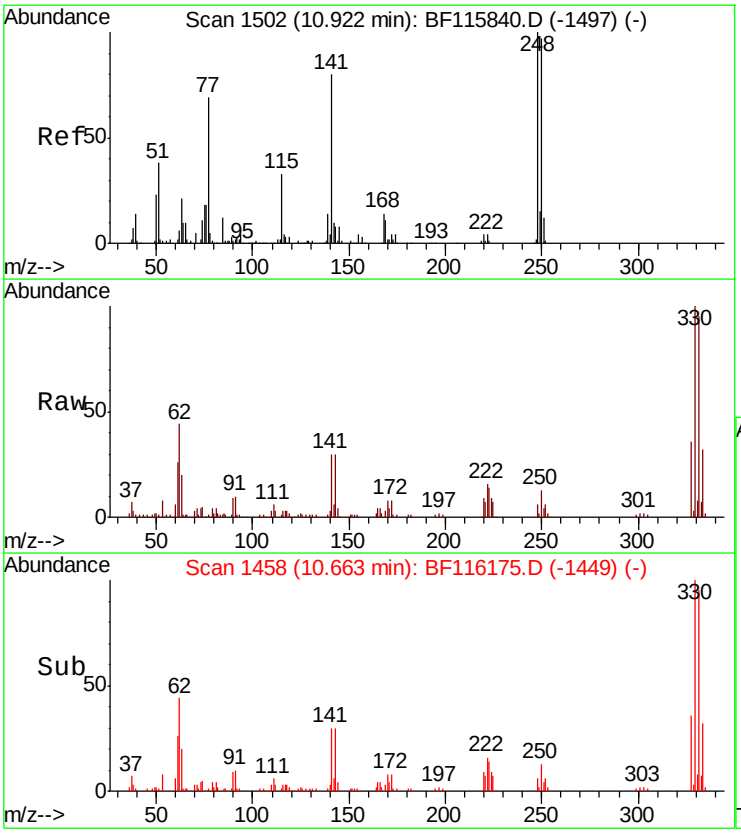
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 381210

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	10.9	8.7	13.1

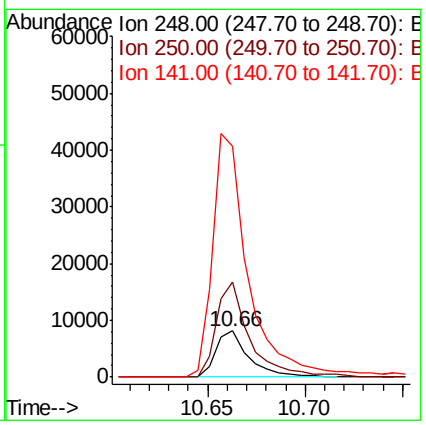


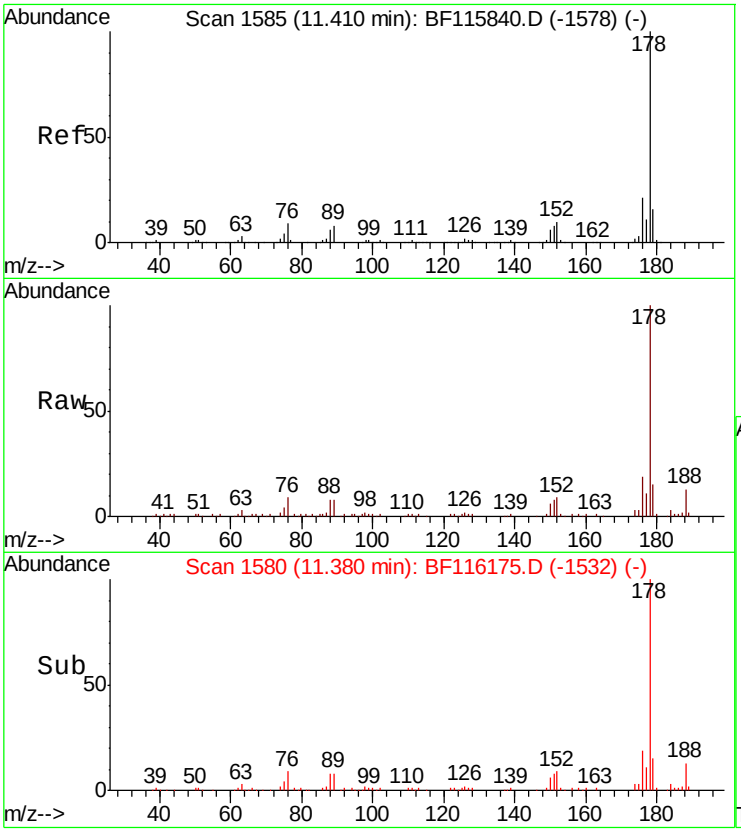


#67
4-Bromophenyl-phenylether
Concen: 2.338 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion:248 Resp: 9541

Ion	Ratio	Lower	Upper
248	100		
250	205.7	77.4	116.2#
141	498.4	56.8	85.2#



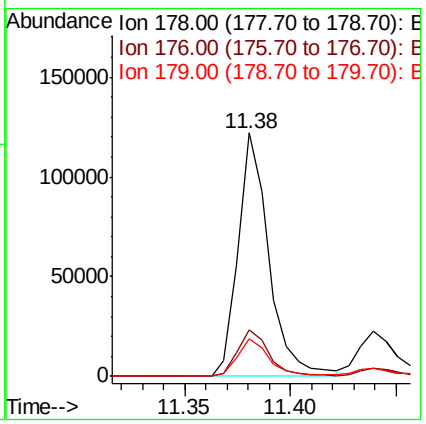


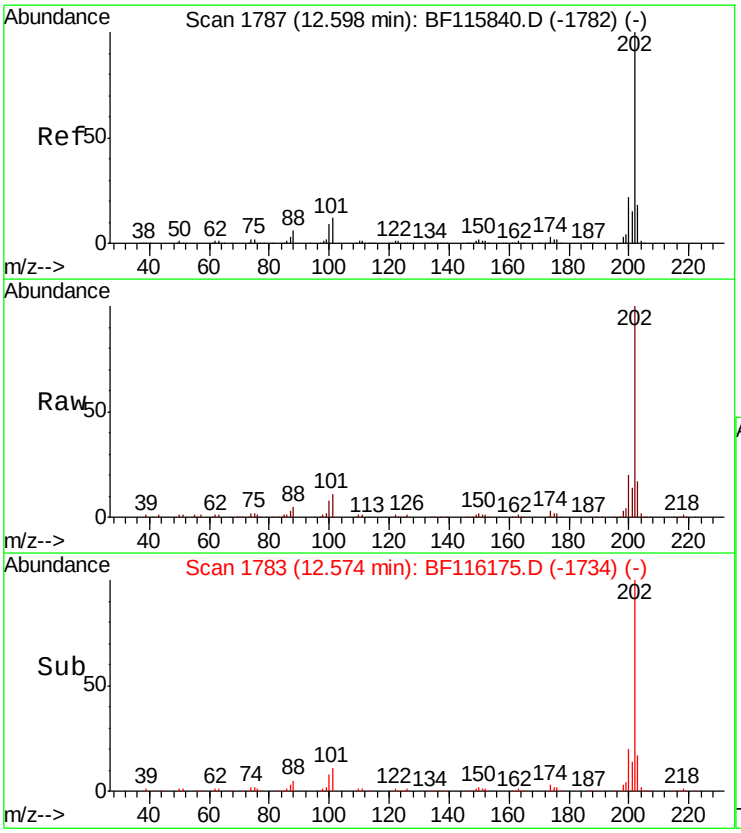
#71
Phenanthrene
Concen: 6.308 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 122934

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.6	24.8
179	15.3	12.5	18.7

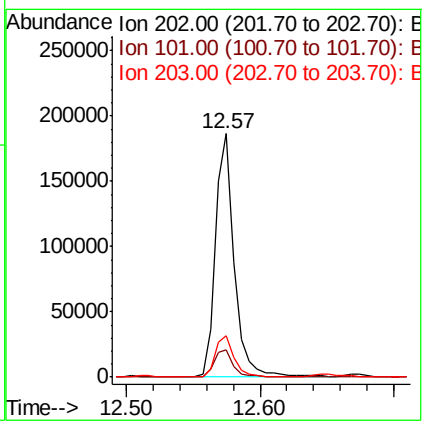


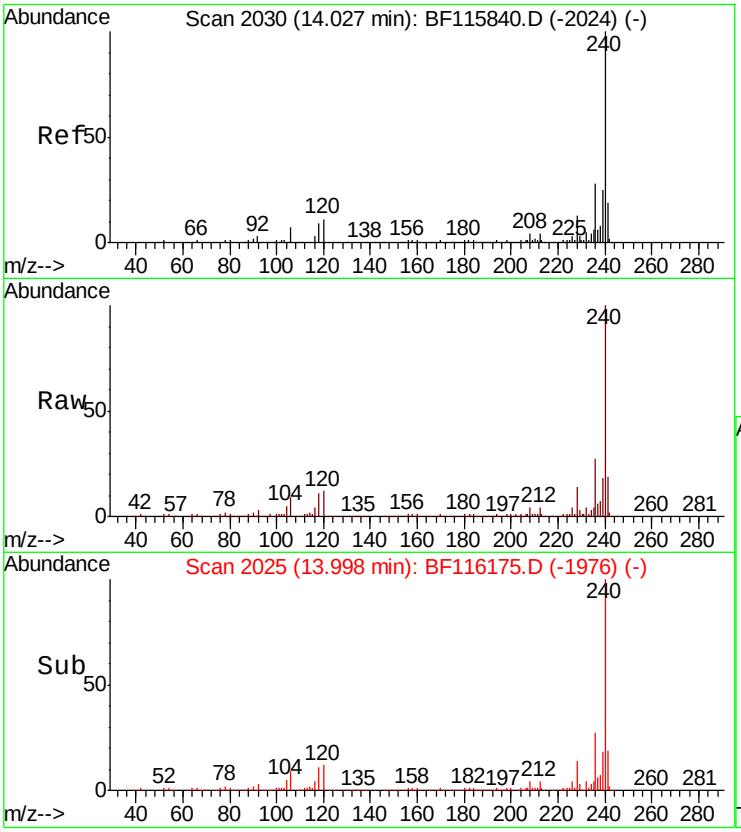


#75
Fluoranthene
Concen: 9.117 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion:202 Resp: 186000

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.2
203	17.1	0.0	37.8



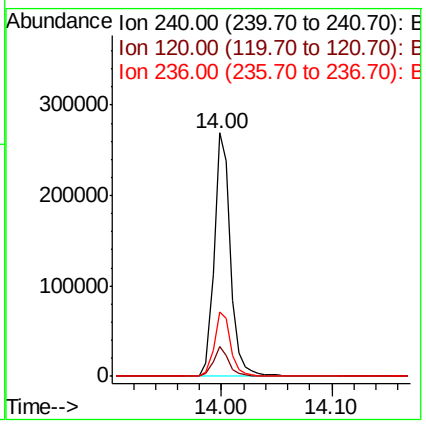


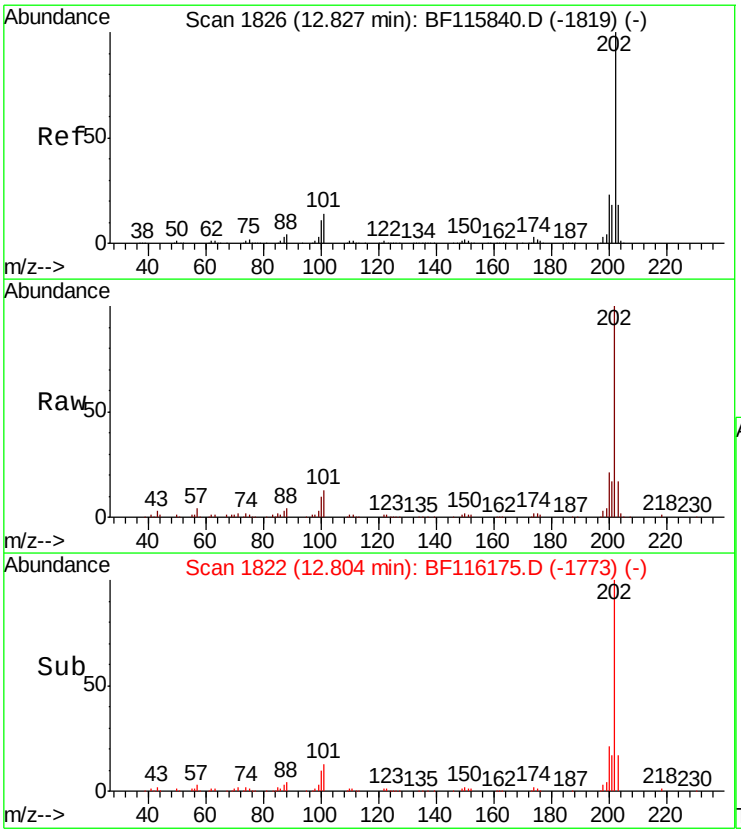
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 273513

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.7	16.1
236	26.5	22.2	33.2

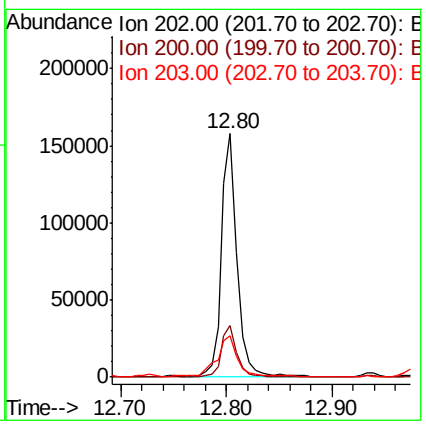


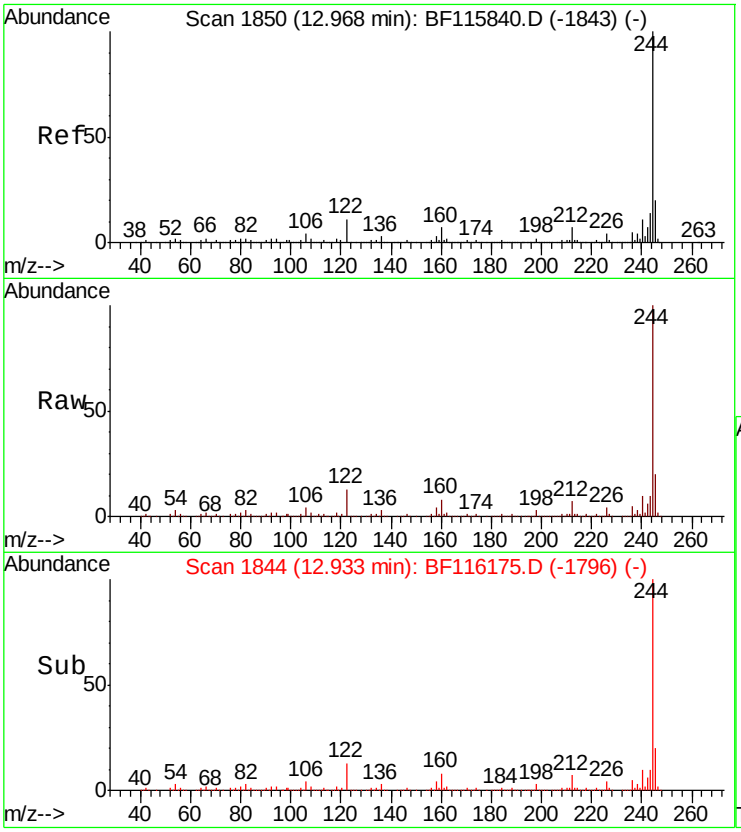


#78
Pyrene
Concen: 7.776 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion:202 Resp: 160319

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.0	27.0
203	17.1	14.1	21.1



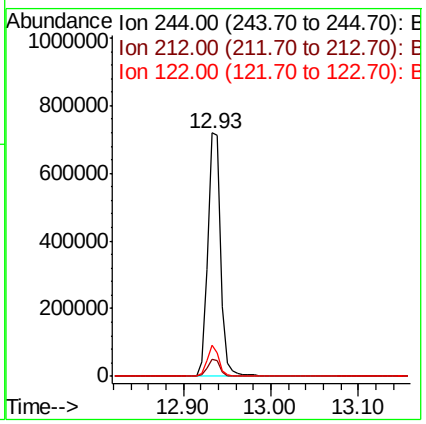


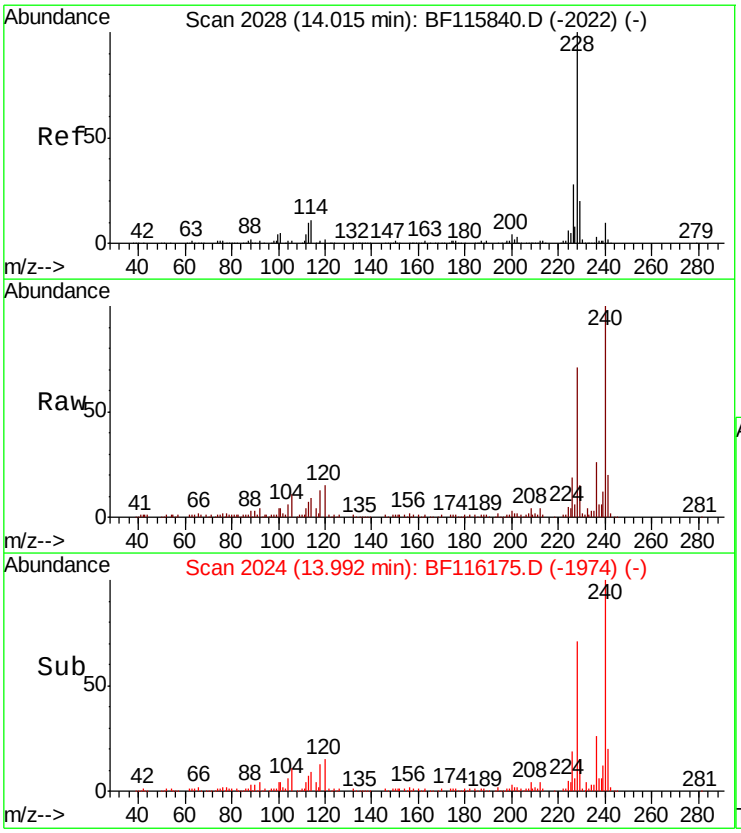
#79
Terphenyl-d14
Concen: 56.841 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 737800

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.6	9.0	13.4

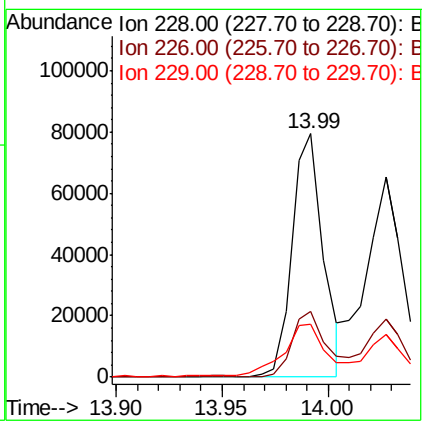


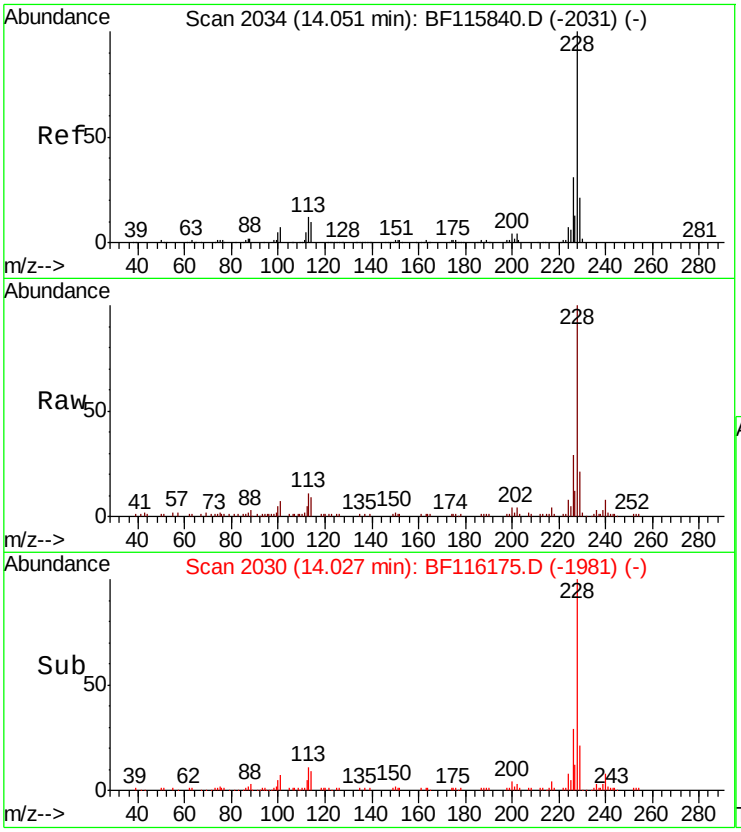


#81
Benzo(a)anthracene
Concen: 4.691 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion:228 Resp: 82000

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.7	34.1
229	21.7	16.2	24.4



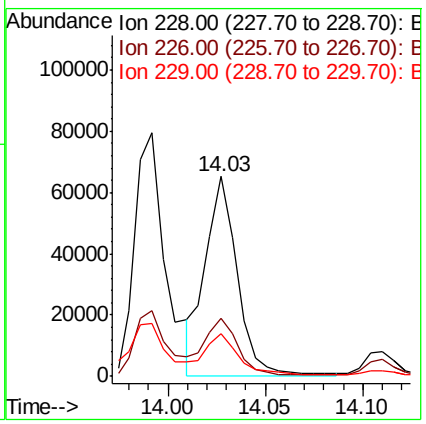


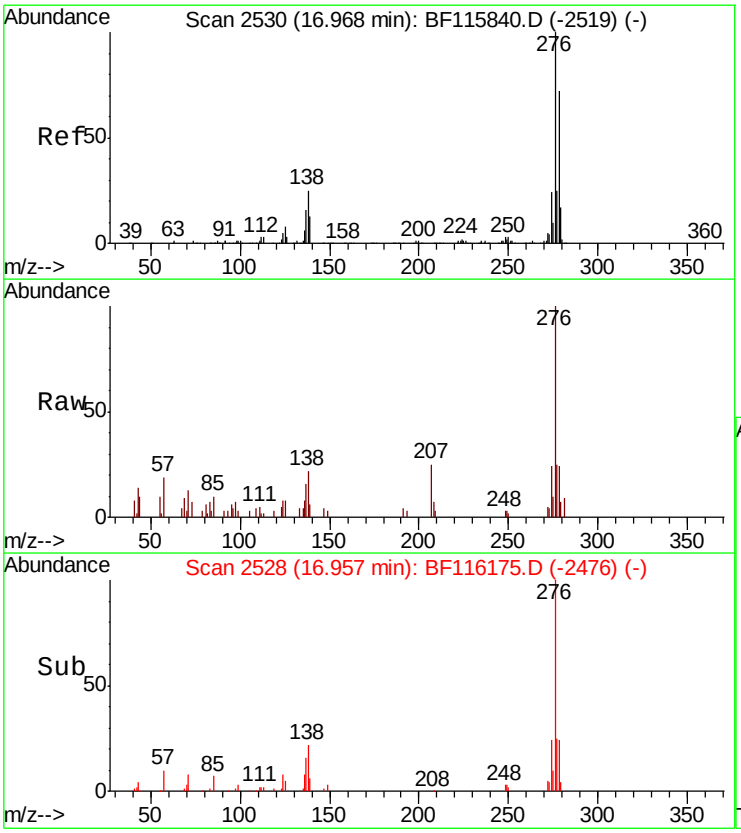
#83
Chrysene
Concen: 4.377 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 74295

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.5	38.3
229	21.4	16.6	24.8

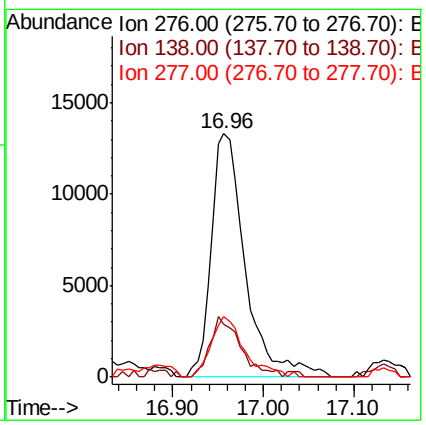


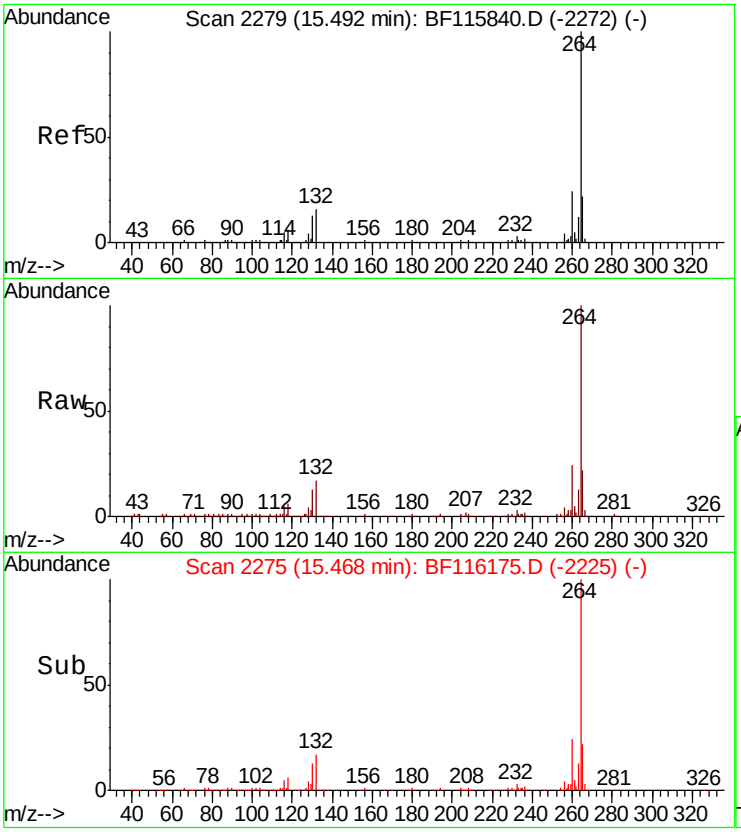


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.437 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion:276 Resp: 34742

Ion	Ratio	Lower	Upper
276	100		
138	22.3	20.4	30.6
277	24.3	20.0	30.0



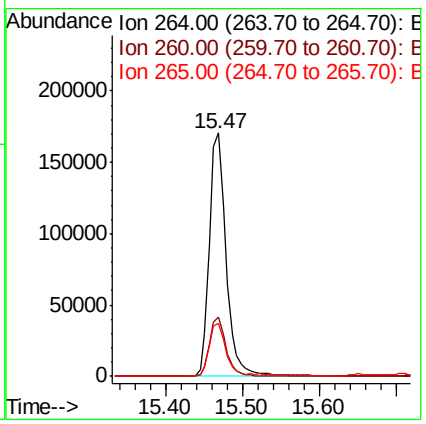


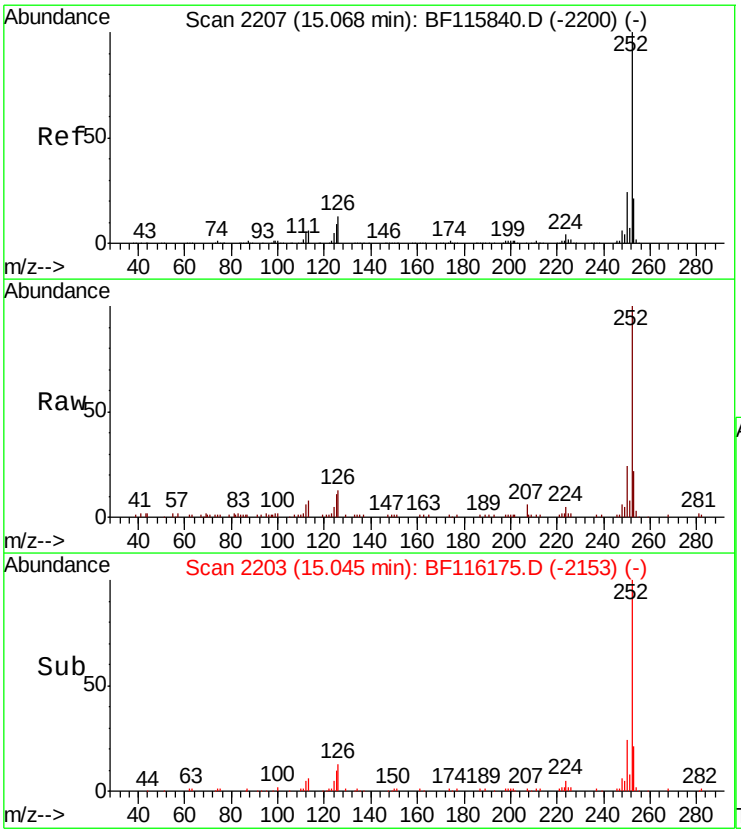
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 255388

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.7	17.4	26.0

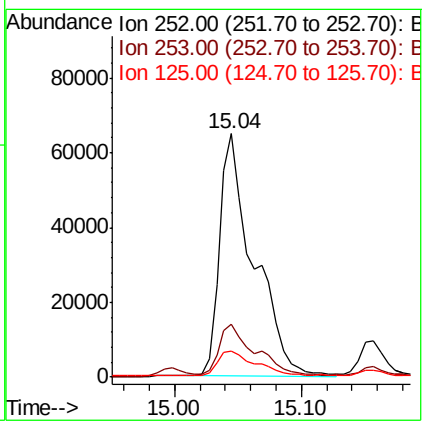


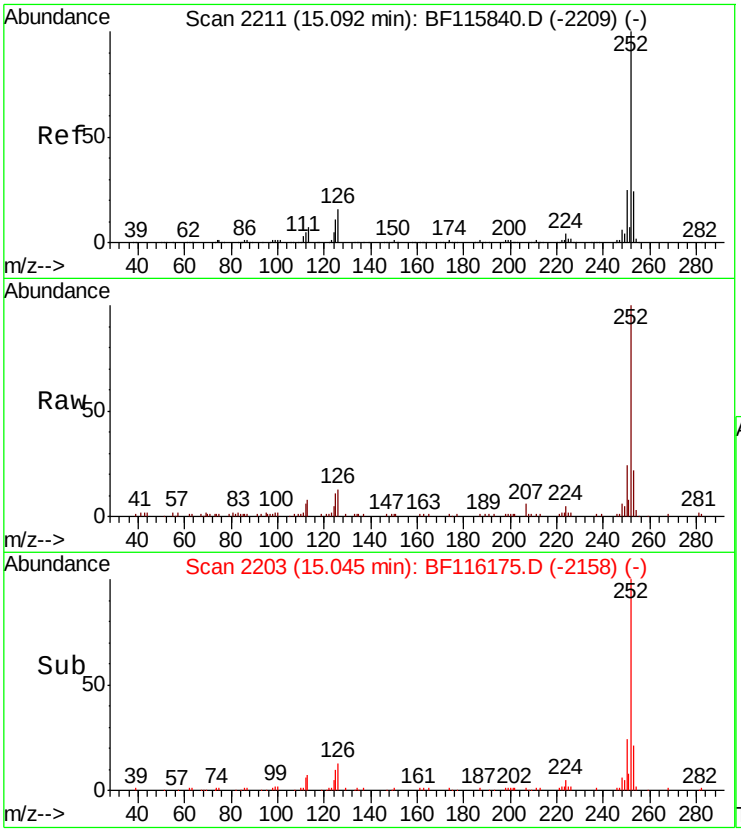


#88
Benzo(b)fluoranthene
Concen: 8.208 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion:252 Resp: 121212

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.9	8.4	12.6



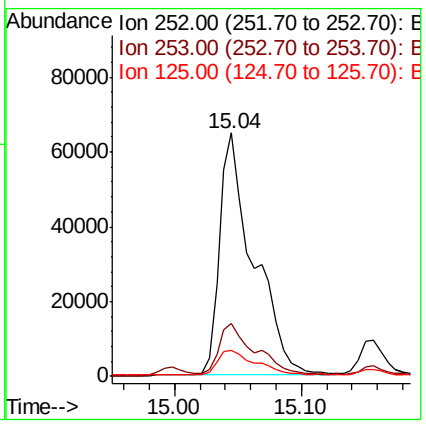


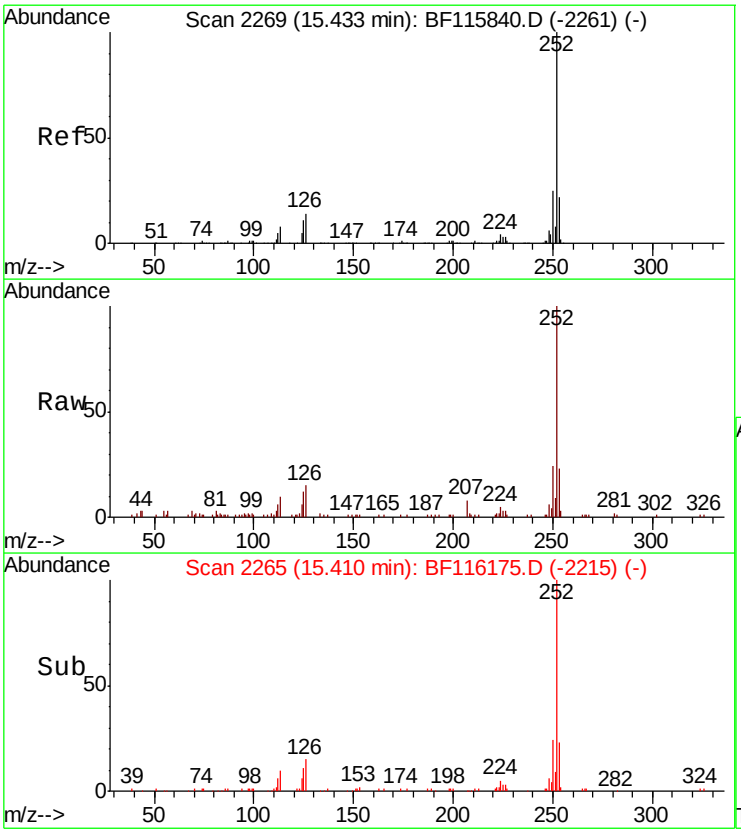
#89
Benzo(k)fluoranthene
Concen: 8.392 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 120707

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.9	7.7	11.5

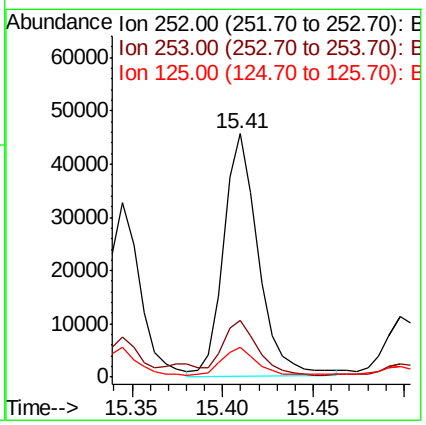


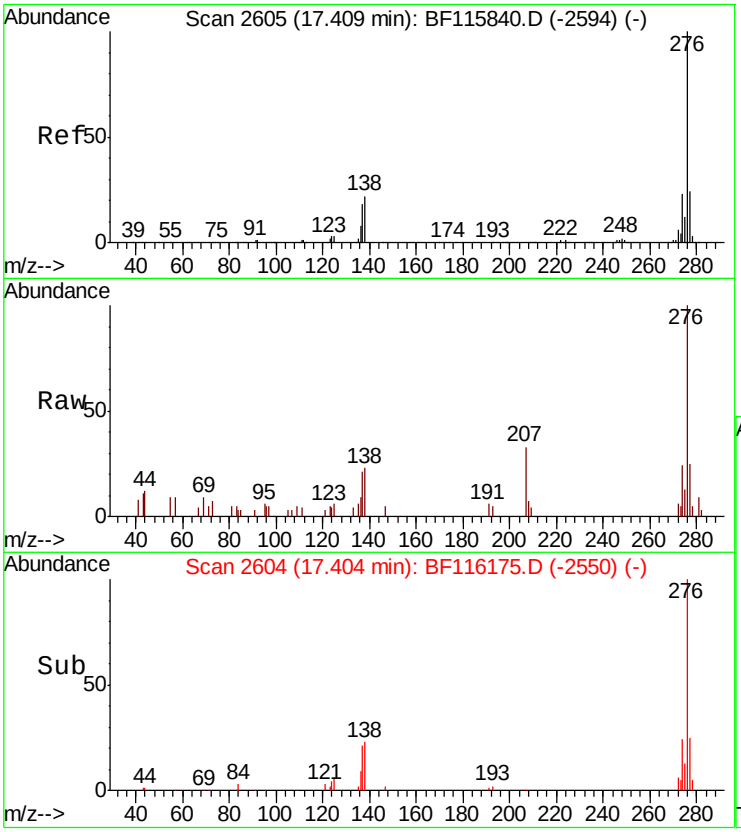


#90
Benzo(a)pyrene
Concen: 4.614 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Tgt Ion:252 Resp: 60905

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	12.2	8.9	13.3





#92
Benzo(g,h,i)perylene
Concen: 2.691 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.02 min
Lab File: BF116175.D
Acq: 11 Aug 2019 4:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 30202

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.4	27.6
138	23.5	17.0	25.6