Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116999.D
Acq On : 12 Sep 2019 18:29
Operator : HP/JU
Sample : K4663-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 13 07:46:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 08:24:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	73105	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	310582	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	157147	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	235164	20.00	ng		0.00
76) Chrysene-d12	13.97	240	155977	20.00	ng		0.00
87) Perylene-d12	15.42	264	171119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	210293	46.60	ng		0.00
7) Phenol-d6	6.45	99	294635	49.72	ng		-0.01
23) Nitrobenzene-d5	7.38	82	184909	33.99	ng		-0.01
42) 2,4,6-Tribromophenol	10.64	330	53199	50.64	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	353019	37.89	ng		0.00
79) Terphenyl-d14	12.92	244	263996	31.31	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	23372	5.991	ng	#	78
25) Isophorone	7.38	82	184925	16.774	ng	#	66
49) Acenaphthylene	9.72	152	35561	2.491	ng		98
50) Dimethylphthalate	9.57	163	58429	5.385	ng		97
51) 2,6-Dinitrotoluene	9.85	165	20205	9.761	ng	#	26
57) 2,4-Dinitrotoluene	9.85	165	20205	7.983	ng	#	18
71) Phenanthrene	11.36	178	39467	3.015	ng		98
75) Fluoranthene	12.55	202	137052	10.653	ng		98
78) Pyrene	12.77	202	155099	11.186	ng		98
81) Benzo(a)anthracene	13.99	228	86773	8.790	ng		95
83) Chrysene	13.99	228	86773	8.532	ng		97
86) Indeno(1,2,3-cd)pyrene	16.84	276	54334	6.651	ng		98
88) Benzo(b)fluoranthene	15.00	252	185227	17.904	ng		98
89) Benzo(k)fluoranthene	15.00	252	185227	19.636	ng		95
90) Benzo(a)pyrene	15.35	252	96616	10.734	ng		95
92) Benzo(g,h,i)perylene	17.27	276	49970	6.219	ng		97

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

Quantitation Report (Not Reviewed)

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Acq On : 12 Sep 2019 18:29
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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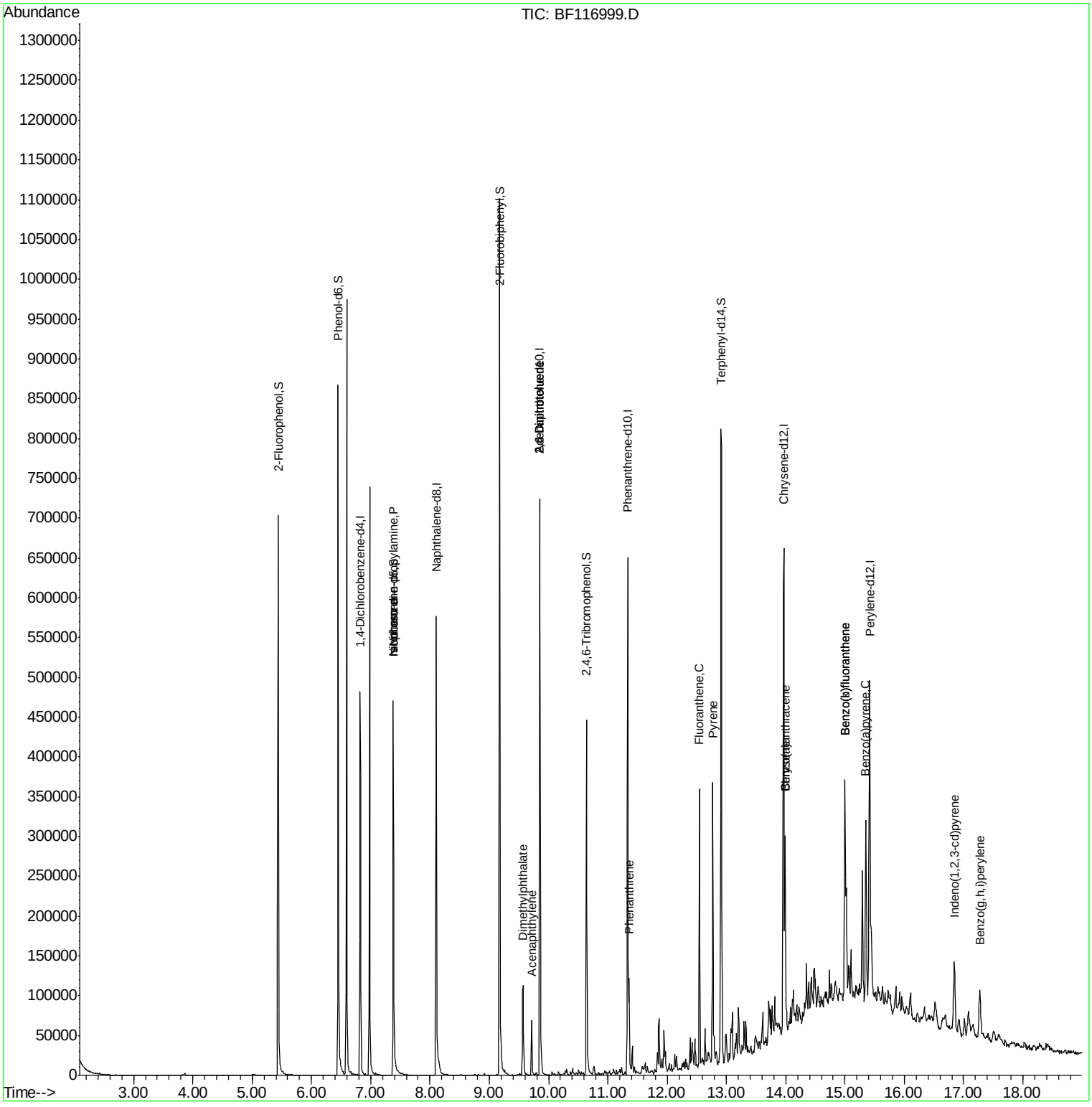
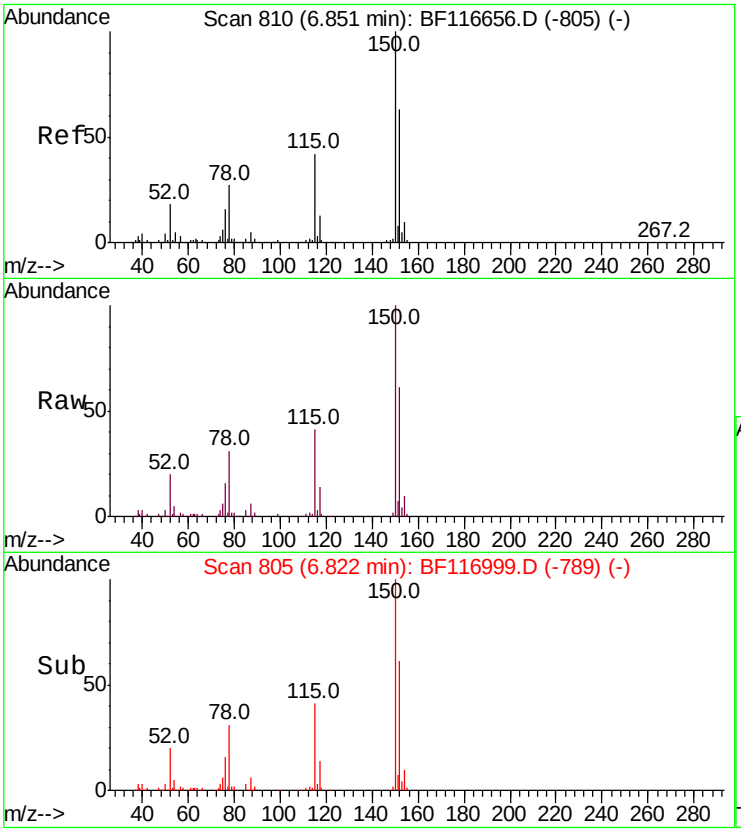


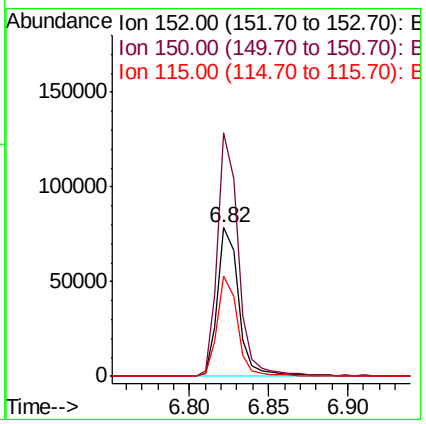


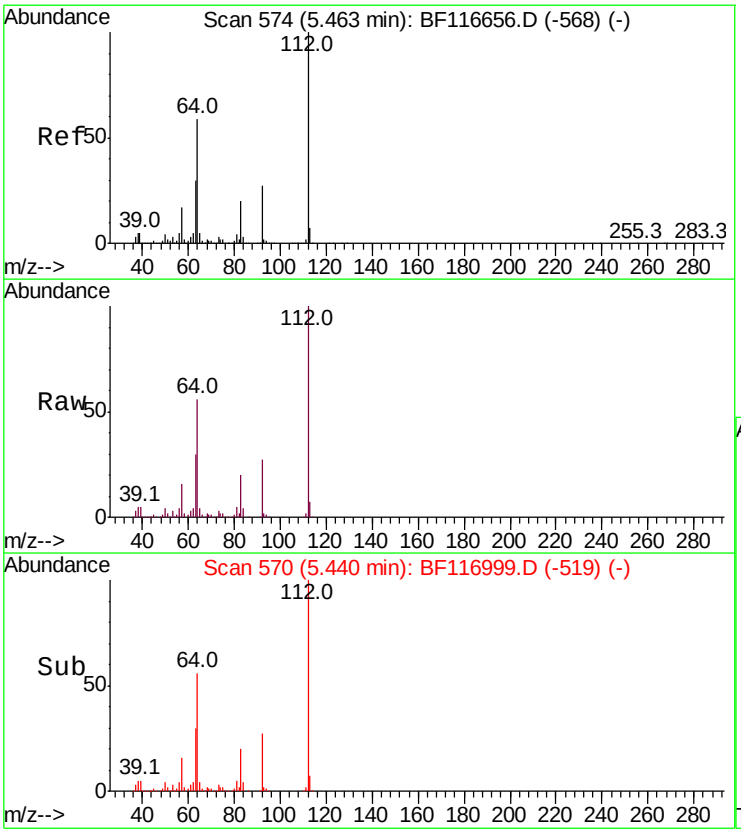
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 73105

Ion	Ratio	Lower	Upper
152	100		
150	163.8	126.2	189.2
115	67.8	50.2	75.2

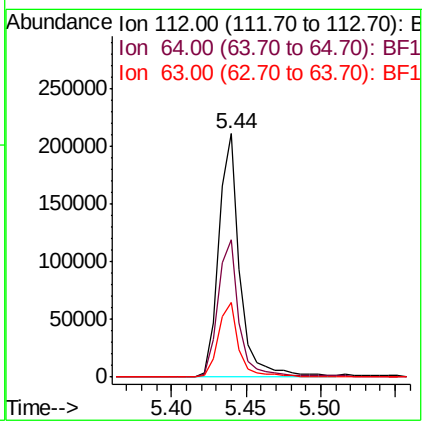


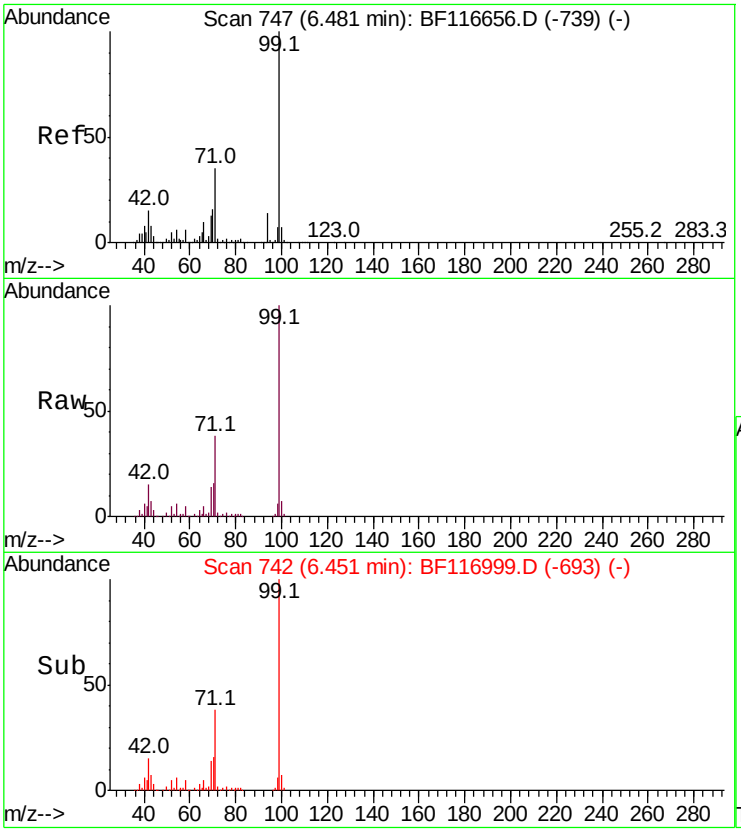


#5
2-Fluorophenol
Concen: 46.602 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion:112 Resp: 210293

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.1	70.7
63	30.4	25.4	38.0



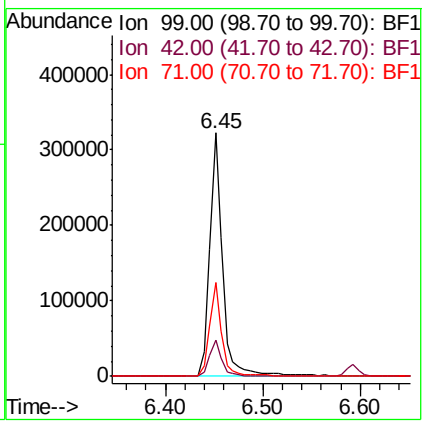


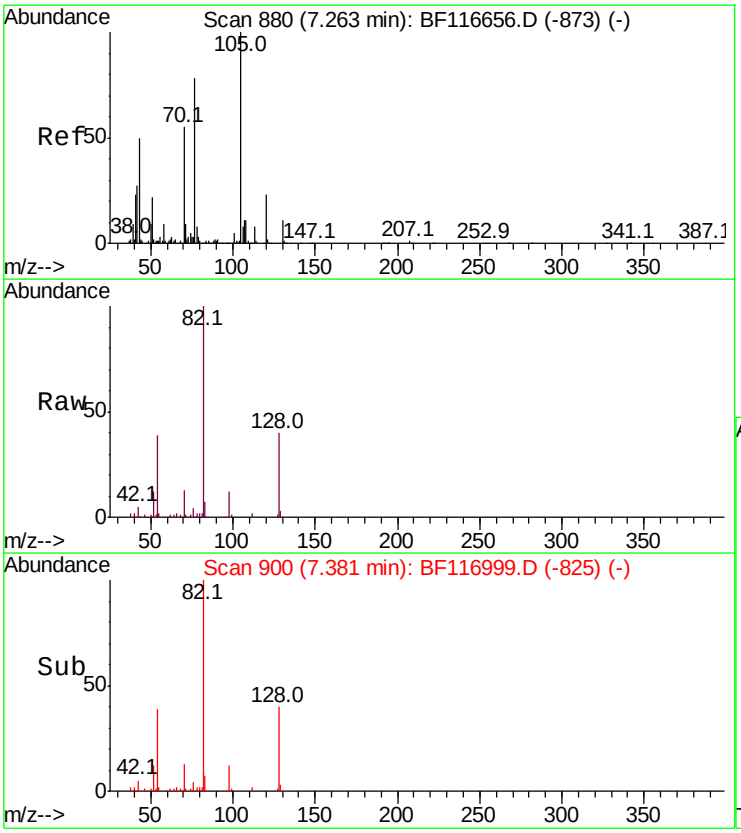
#7
Phenol-d6
Concen: 49.724 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 294635

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.0	18.0
71	38.4	29.7	44.5

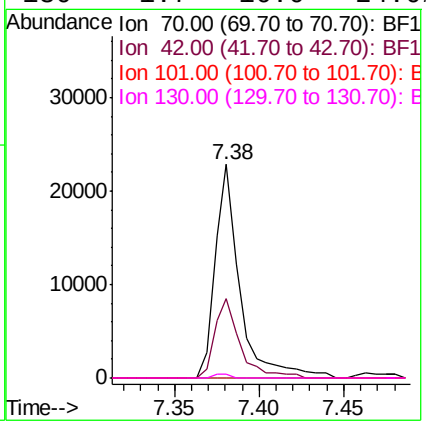


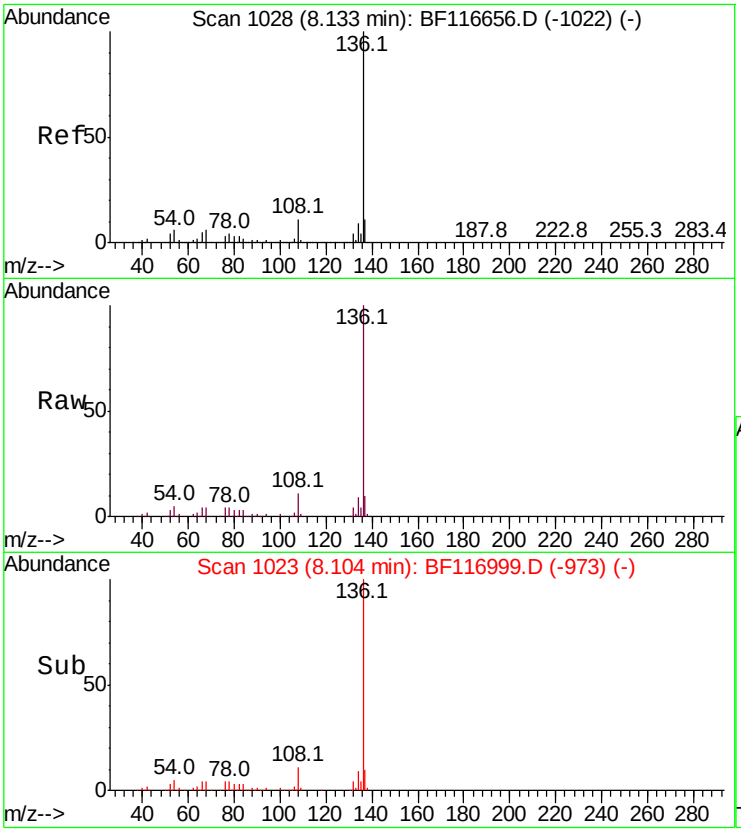


#19
n-Nitroso-di-n-propylamine
Concen: 5.991 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion: 70 Resp: 23372

Ion	Ratio	Lower	Upper
70	100		
42	37.2	37.0	55.4
101	0.0	7.4	11.2#
130	1.7	16.0	24.0#



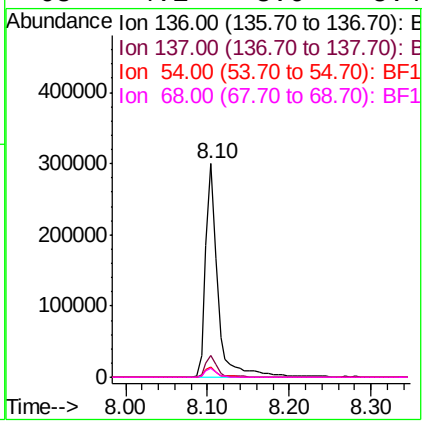


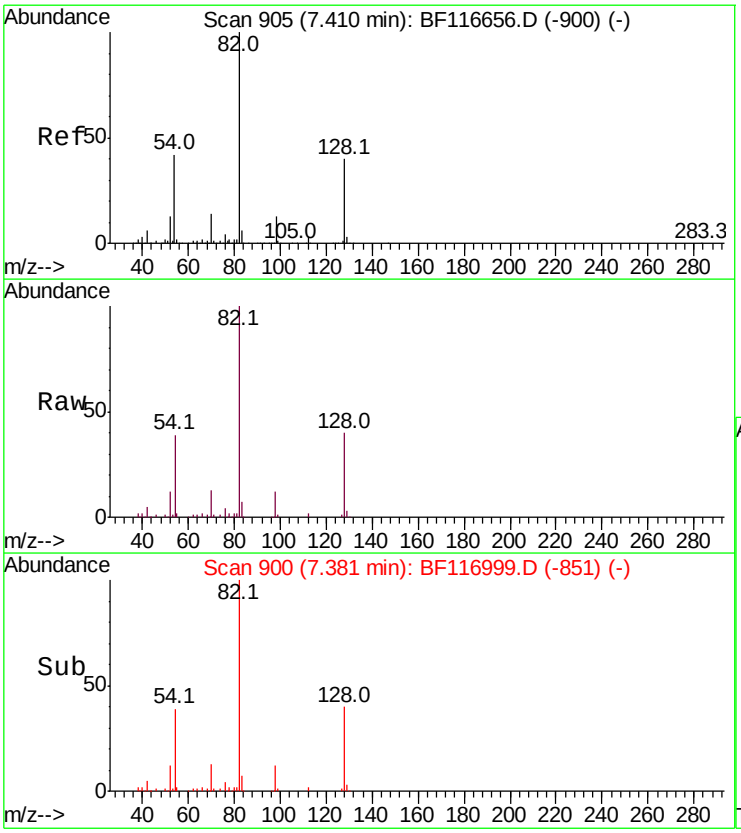
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 310582

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	5.1	3.8	5.8
68	4.1	3.6	5.4

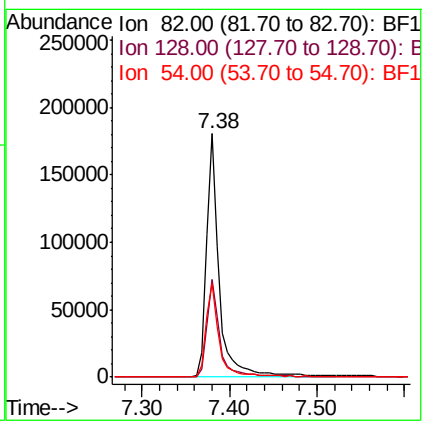


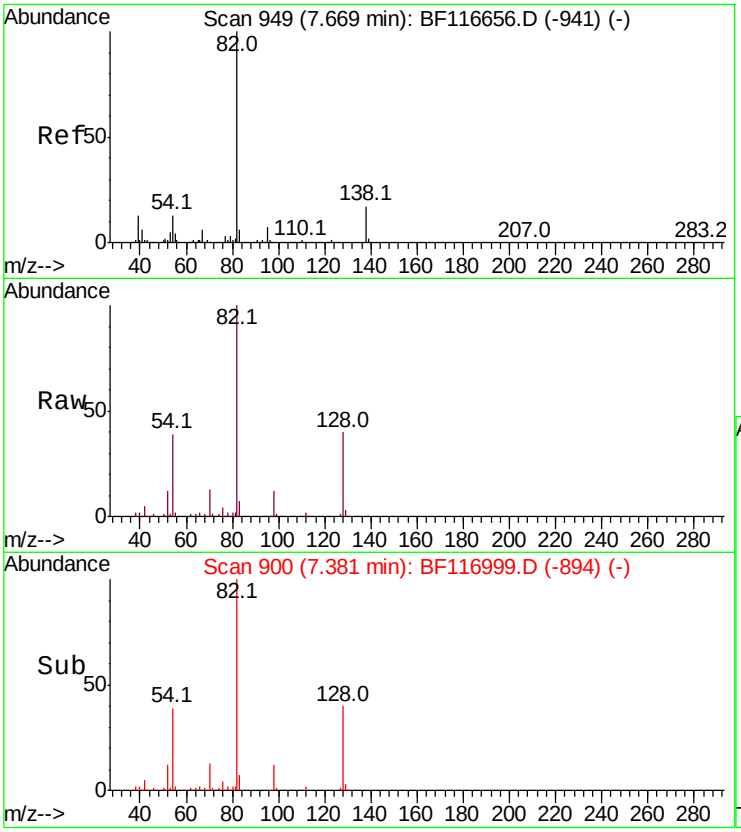


#23
Nitrobenzene-d5
Concen: 33.988 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion: 82 Resp: 184909

Ion	Ratio	Lower	Upper
82	100		
128	40.1	35.0	52.4
54	38.8	32.6	48.8



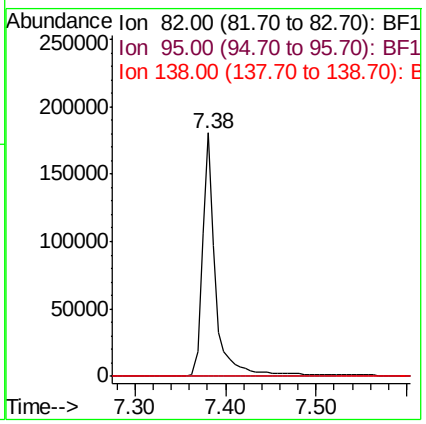


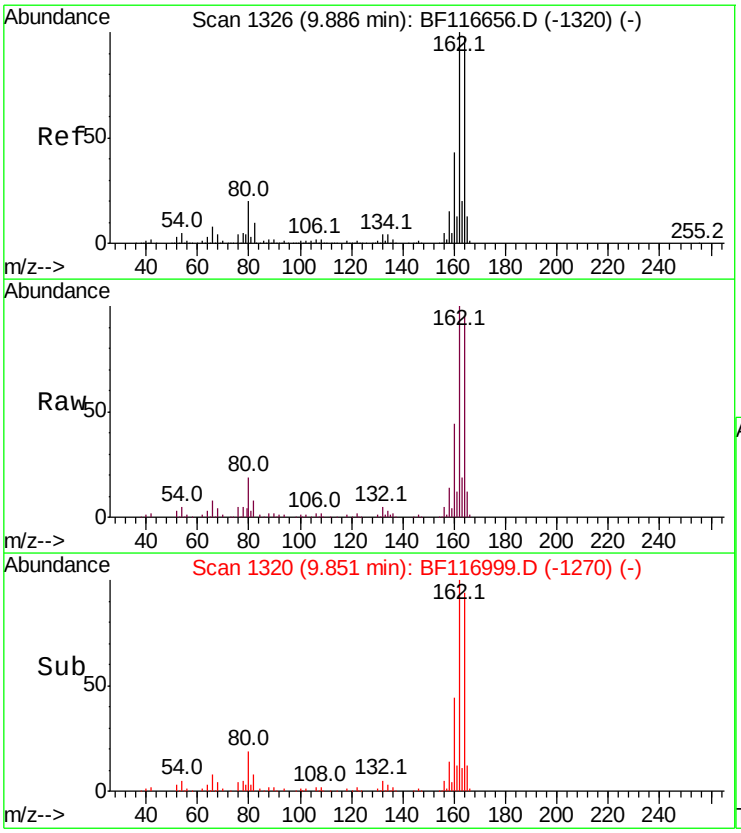
#25
Isophorone
Concen: 16.774 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 184925

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	13.4	20.2#

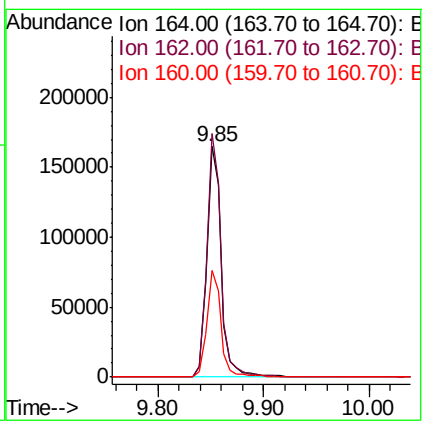


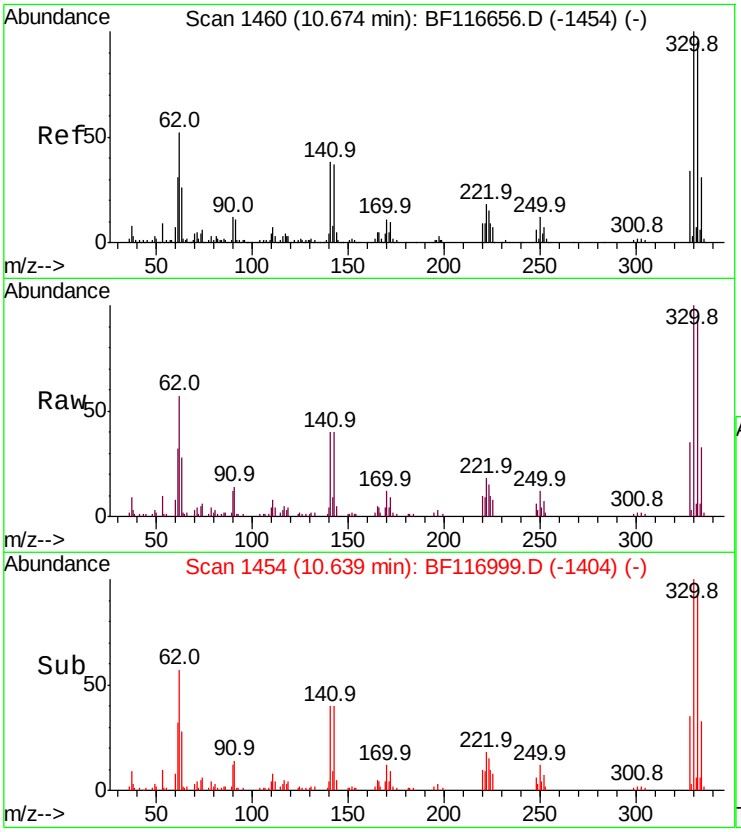


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion:164 Resp: 157147

Ion	Ratio	Lower	Upper
164	100		
162	105.5	81.8	122.6
160	46.1	35.7	53.5



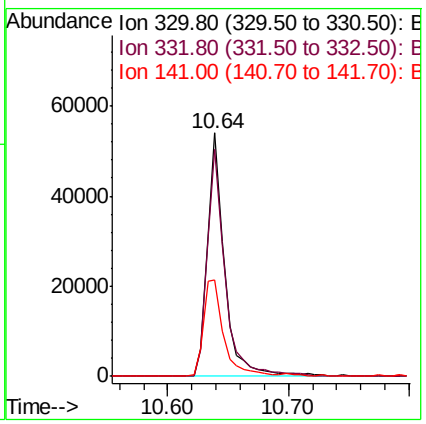


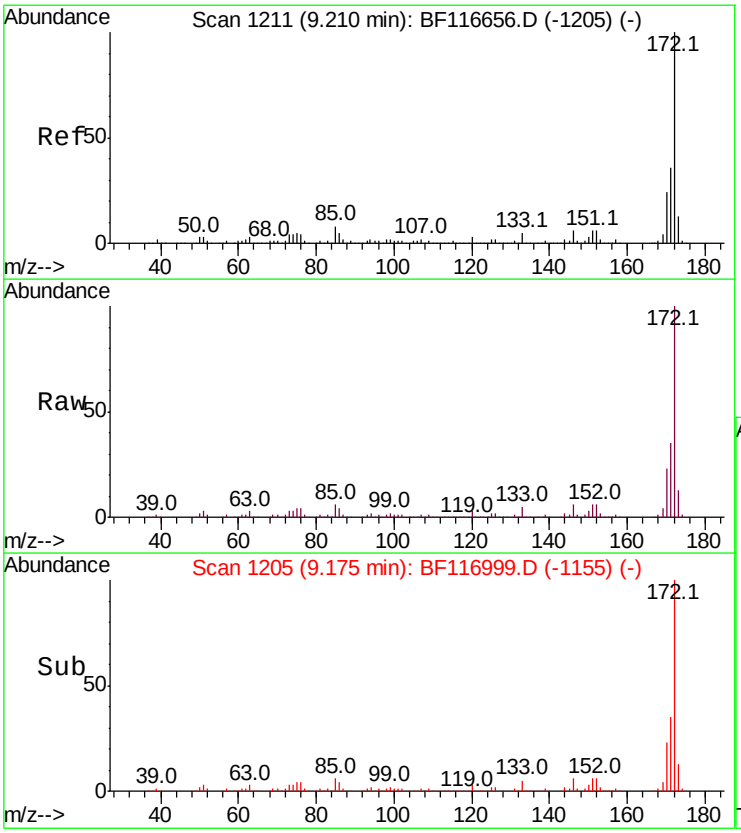
#42
2,4,6-Tribromophenol
Concen: 50.639 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 53199

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.9	113.9
141	46.1	35.6	53.4

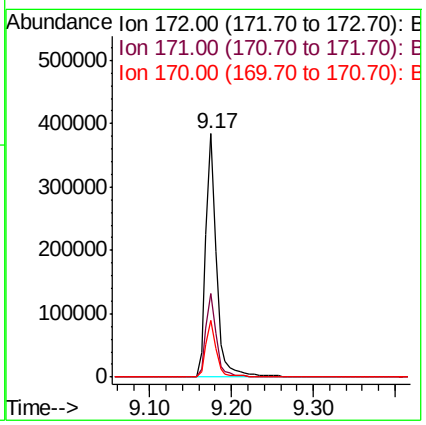


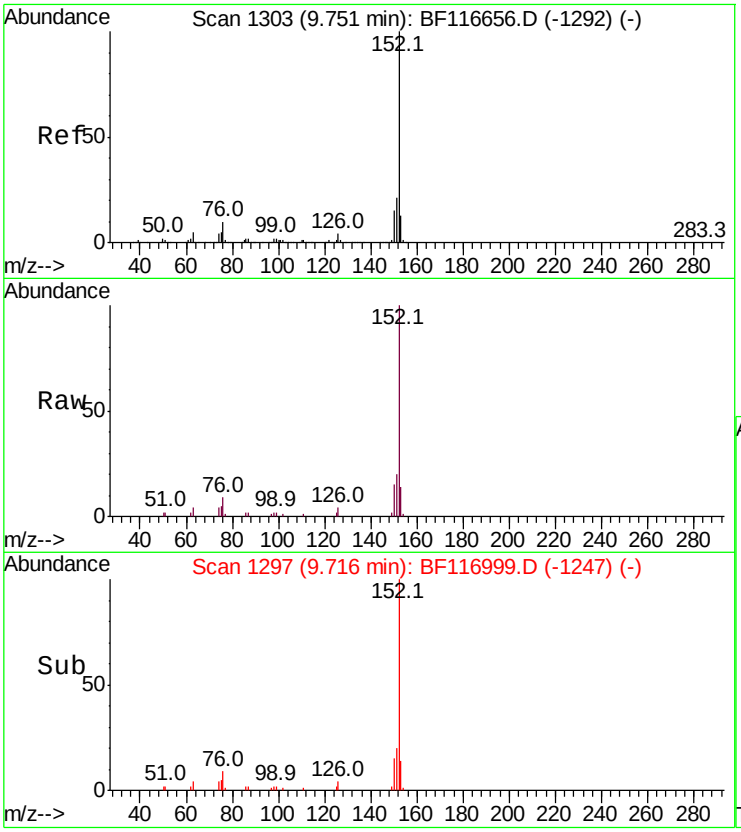


#45
2-Fluorobiphenyl
Concen: 37.895 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion:172 Resp: 353019

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.1	43.7
170	23.1	19.2	28.8



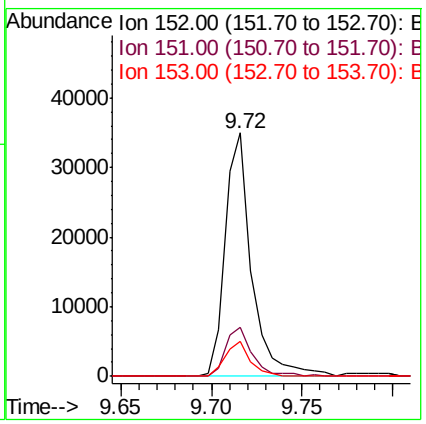


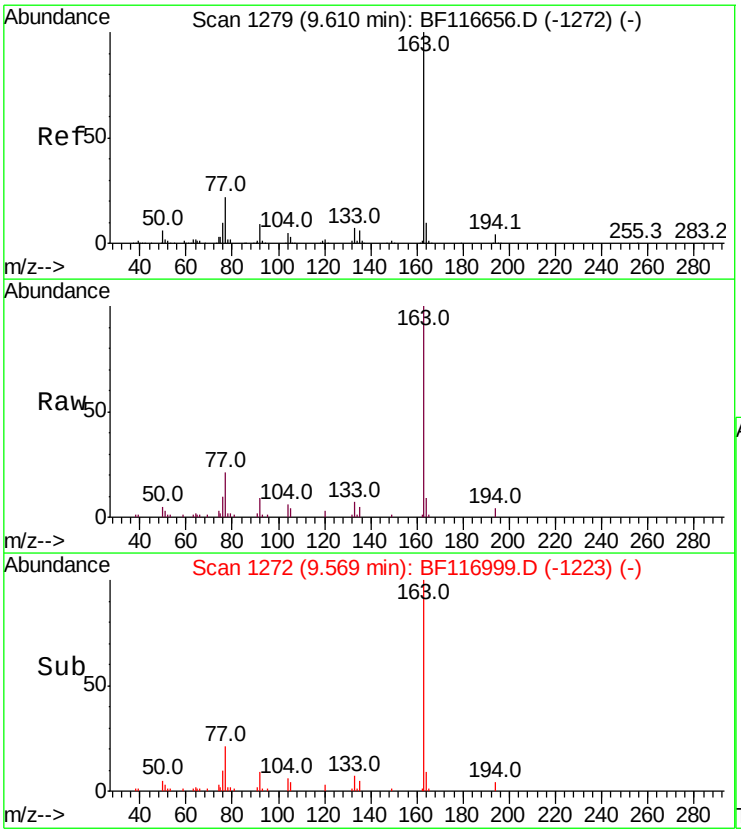
#49
Acenaphthylene
Concen: 2.491 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 35561

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	14.4	10.3	15.5

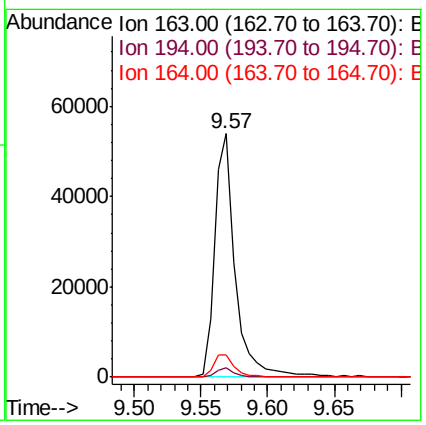


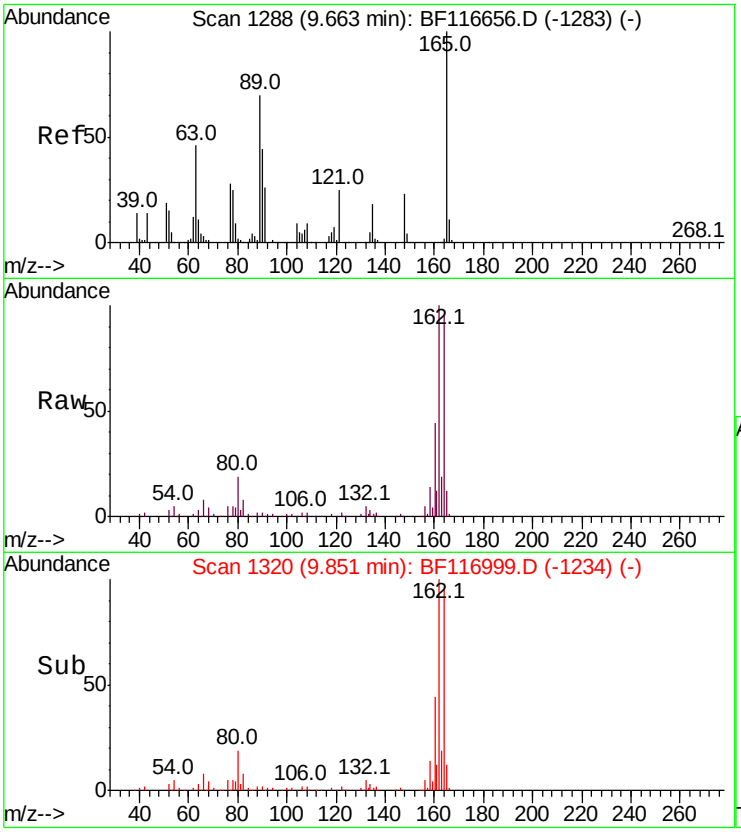


#50
Dimethylphthalate
Concen: 5.385 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion:163 Resp: 58429

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.2	8.2	12.4



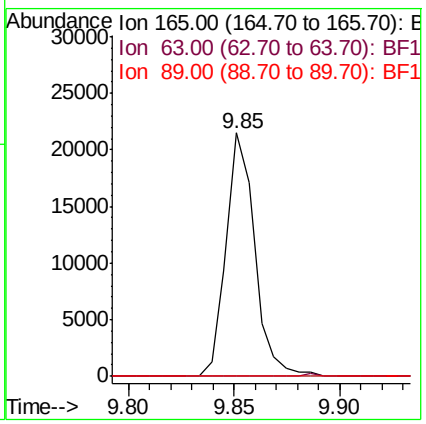


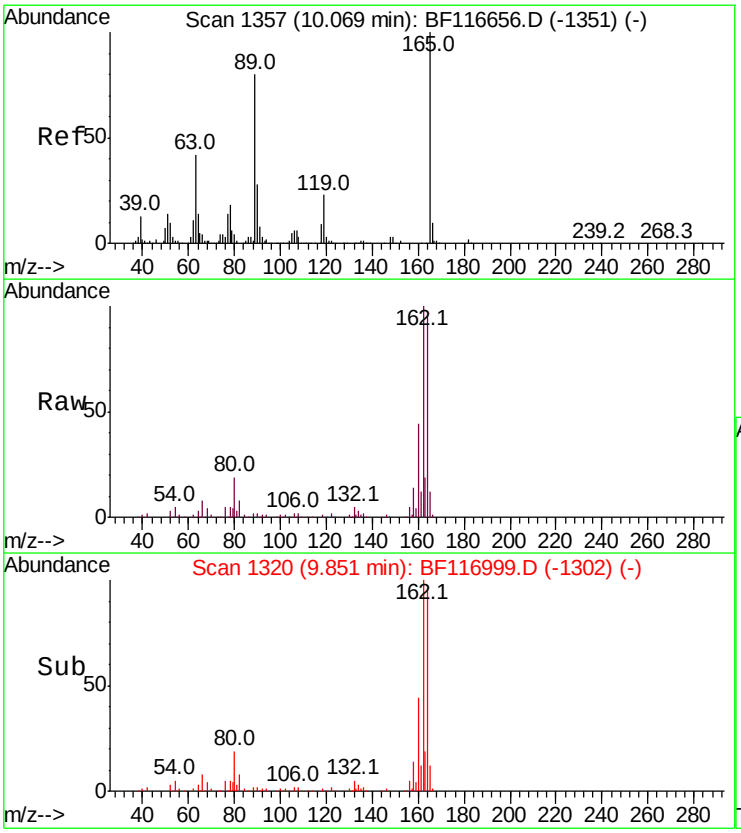
#51
2,6-Dinitrotoluene
Concen: 9.761 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20205

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.0	57.0#
89	0.0	44.1	66.1#

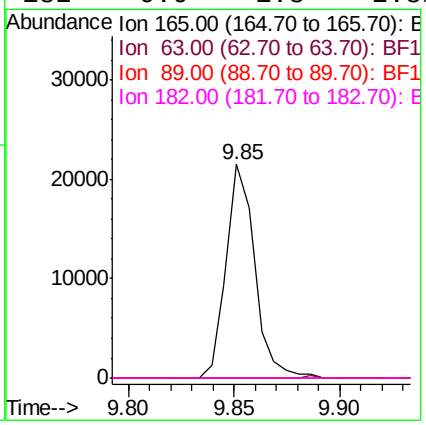


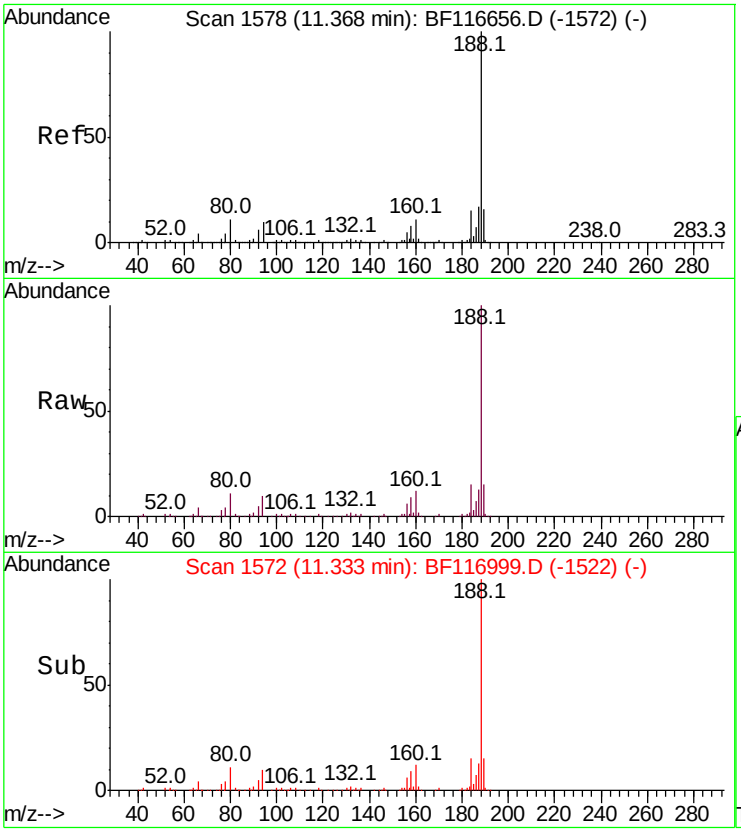


#57
2,4-Dinitrotoluene
Concen: 7.983 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion:165 Resp: 20205

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.2#
89	0.0	66.1	99.1#
182	0.0	1.8	2.8#



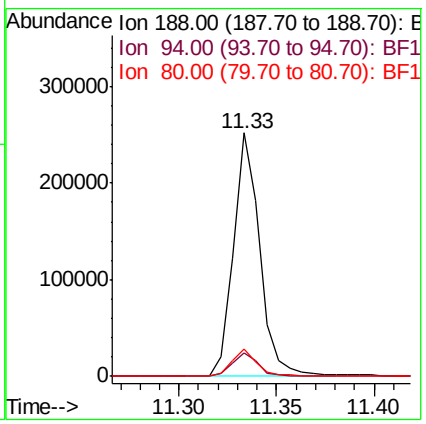


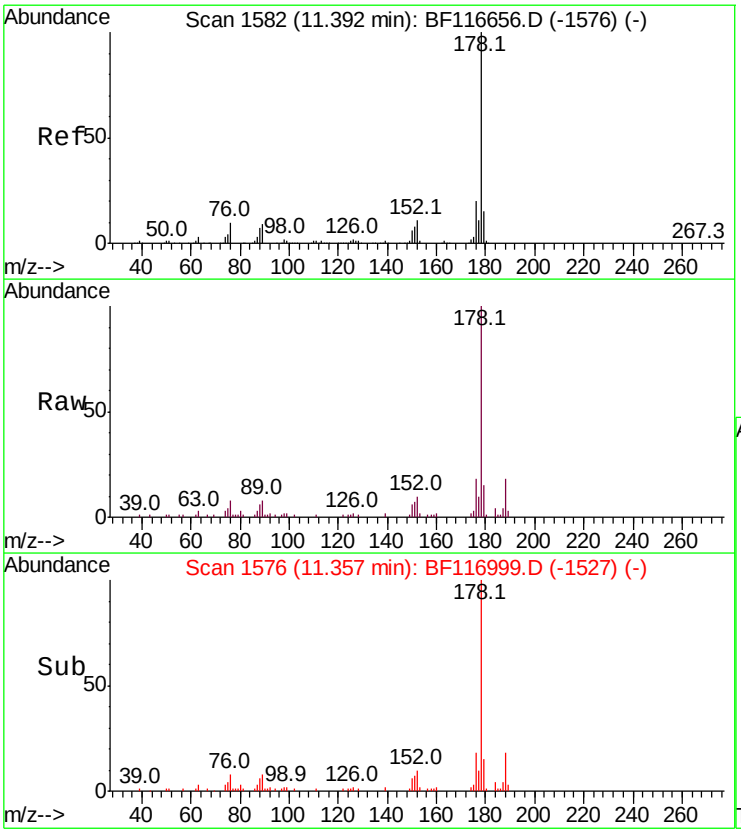
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 235164

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	11.1	8.5	12.7

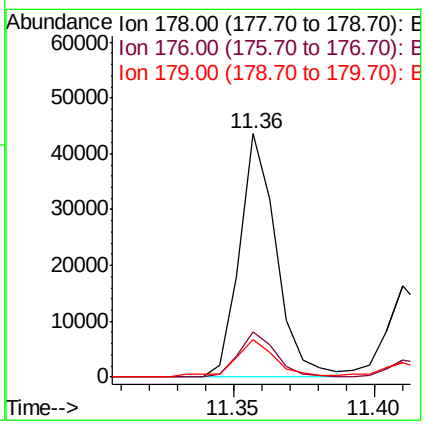


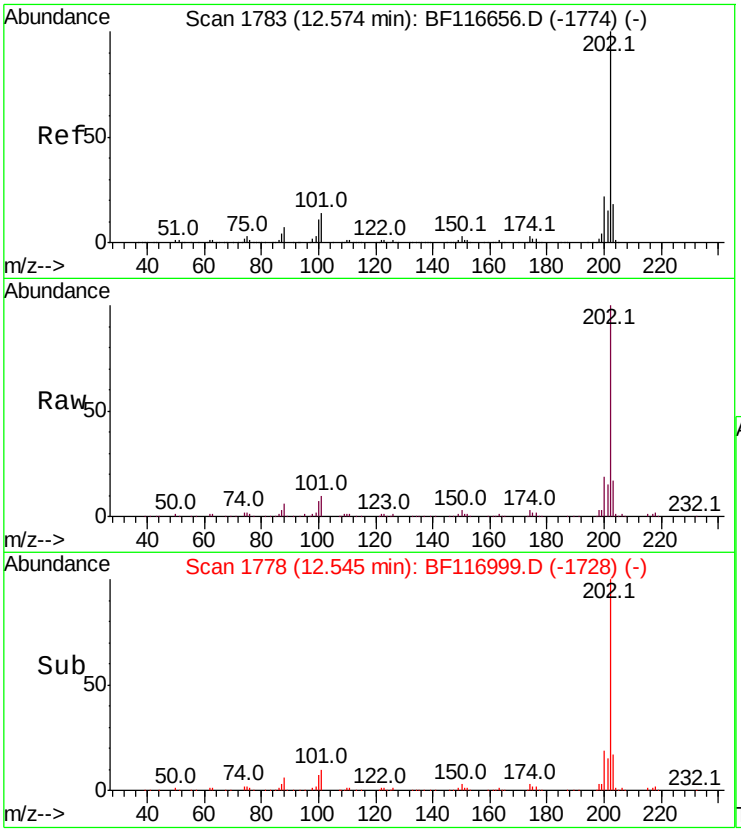


#71
Phenanthrene
Concen: 3.015 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion:178 Resp: 39467

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.7	23.5
179	15.3	12.0	18.0



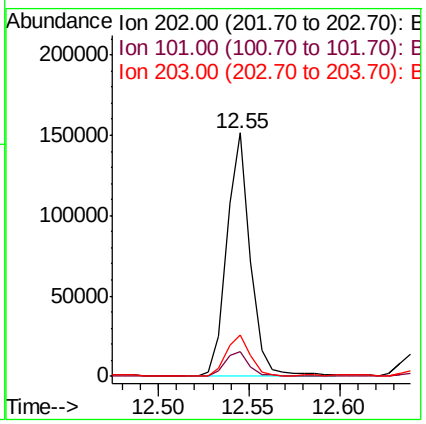


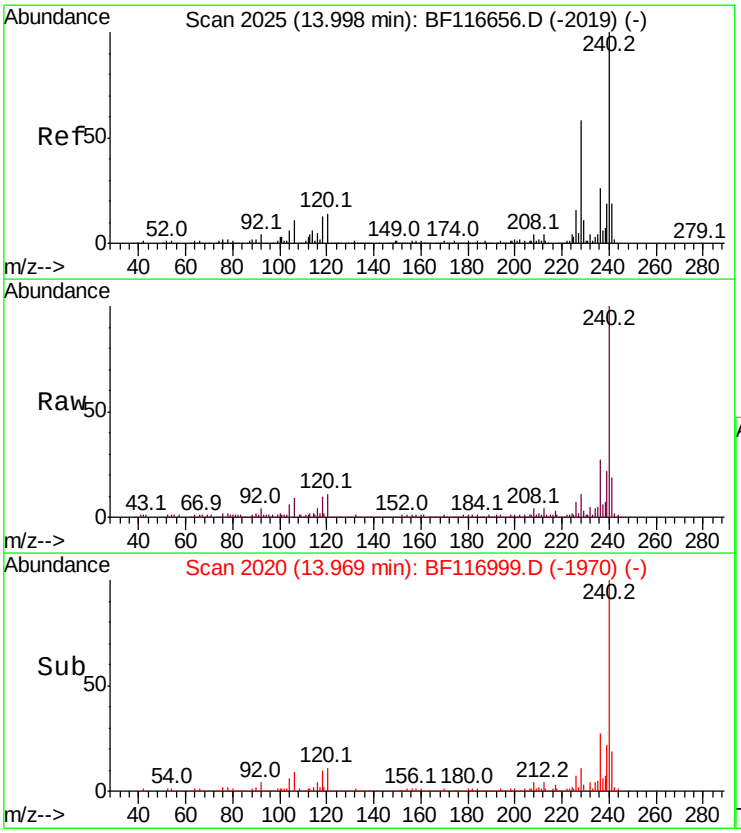
#75
Fluoranthene
Concen: 10.653 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 137052

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.0
203	17.2	0.0	37.5

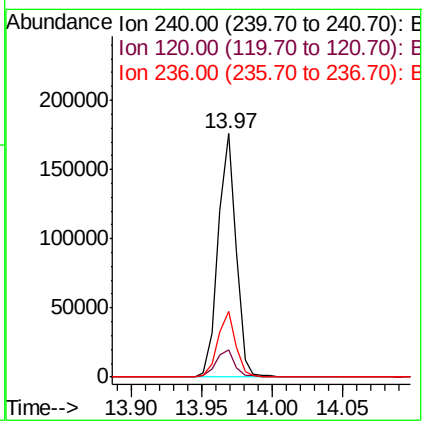


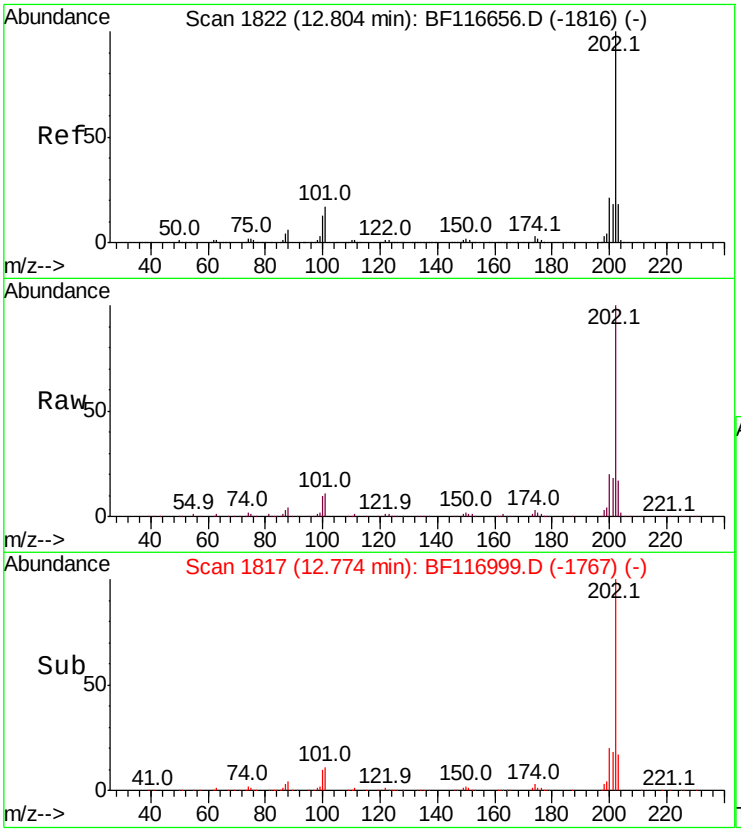


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion:240 Resp: 155977

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.1	13.7
236	27.0	20.9	31.3



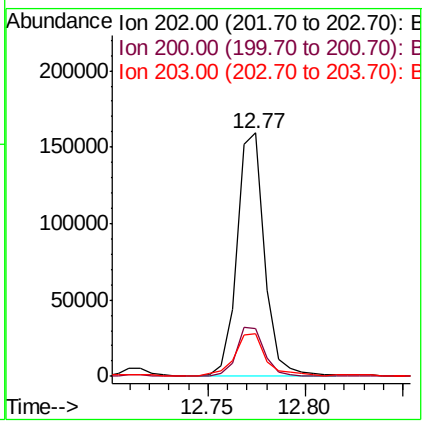


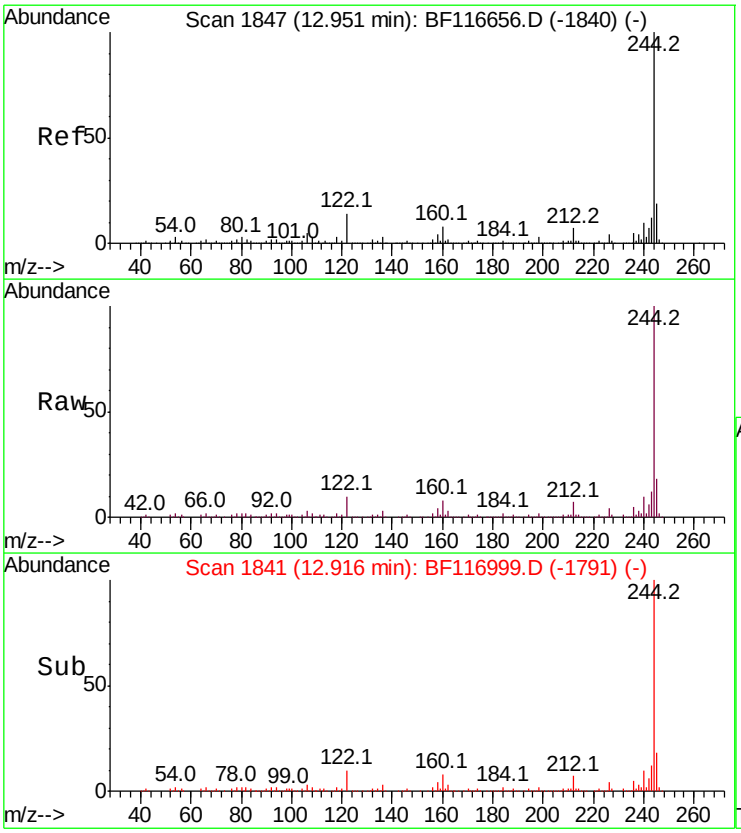
#78
Pyrene
Concen: 11.186 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 155099

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.2	25.8
203	17.4	14.2	21.2

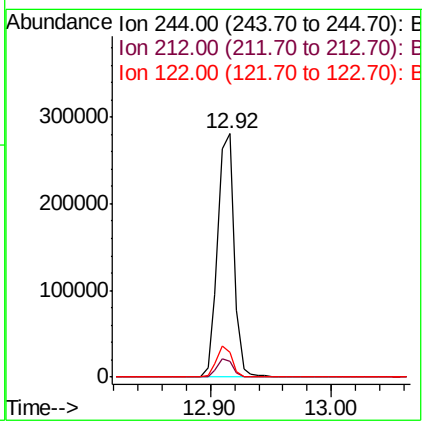


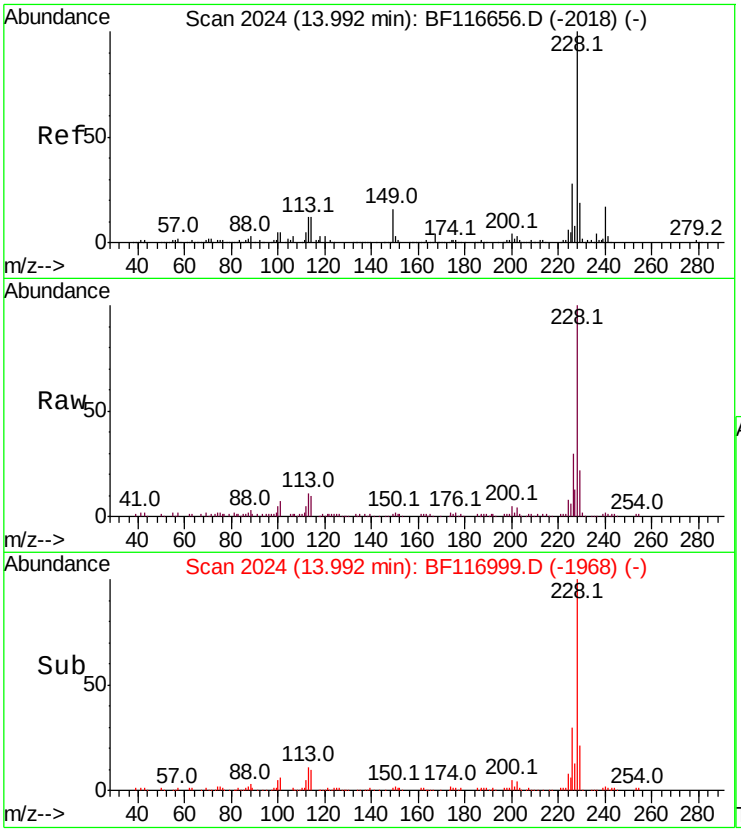


#79
Terphenyl-d14
Concen: 31.311 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion:244 Resp: 263996

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	10.0	11.5	17.3#



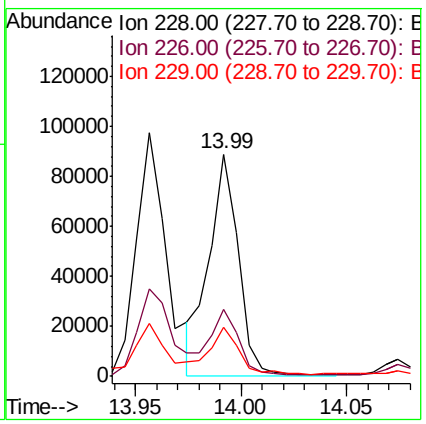


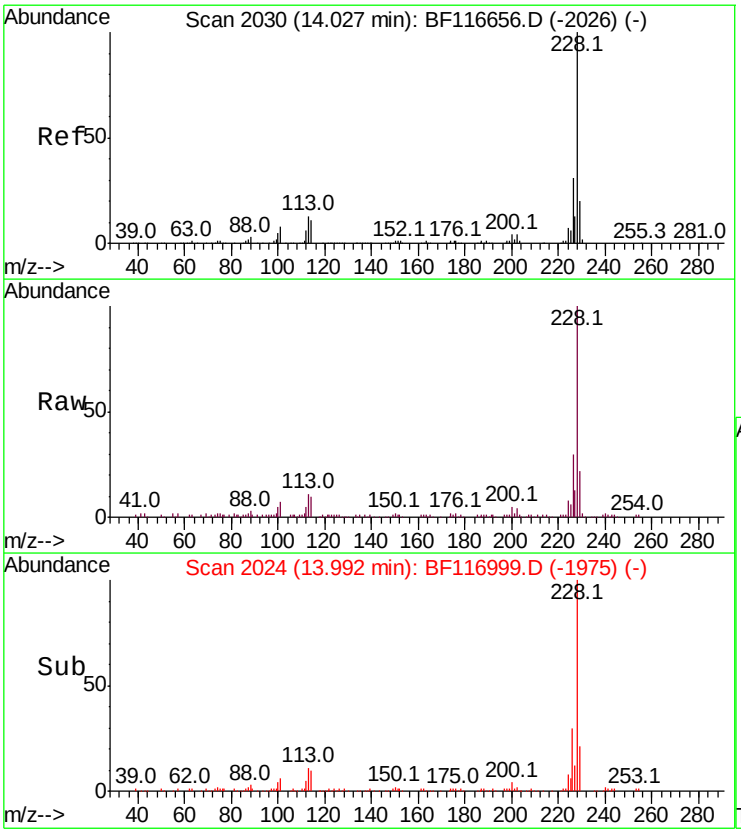
#81
Benzo(a)anthracene
Concen: 8.790 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.03 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 86773

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.3	33.5
229	22.2	15.8	23.8

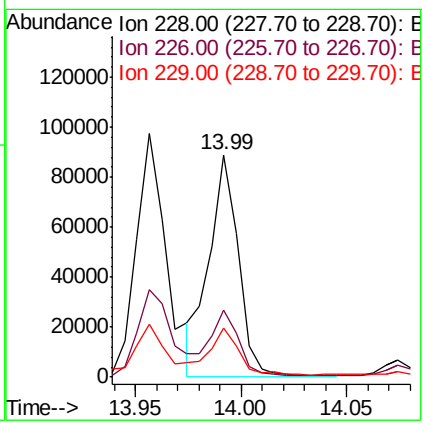


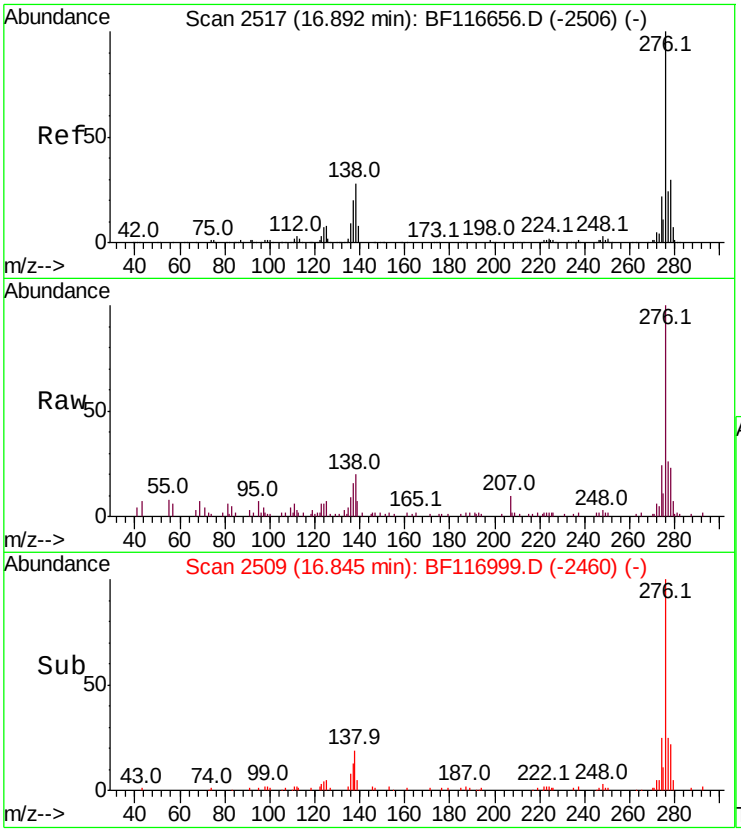


#83
Chrysene
Concen: 8.532 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion:228 Resp: 86773

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	22.2	15.7	23.5



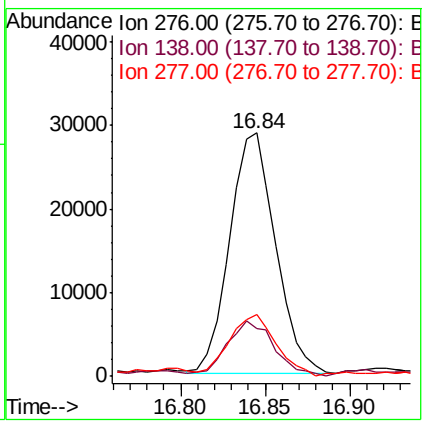


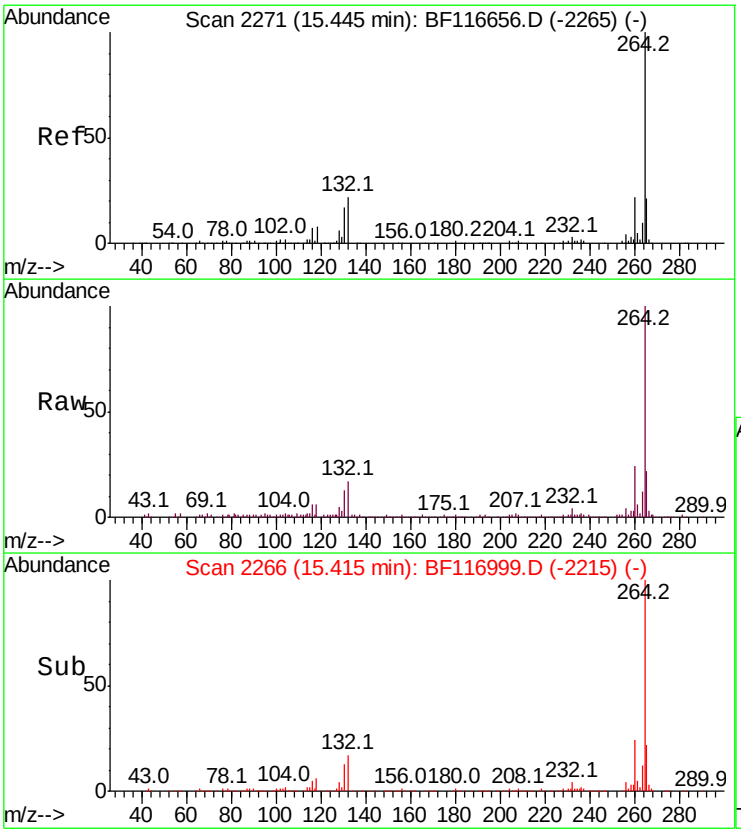
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.651 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 54334

Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.6	31.0
277	24.3	19.9	29.9

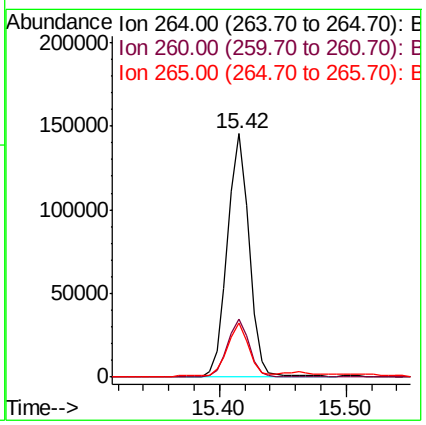


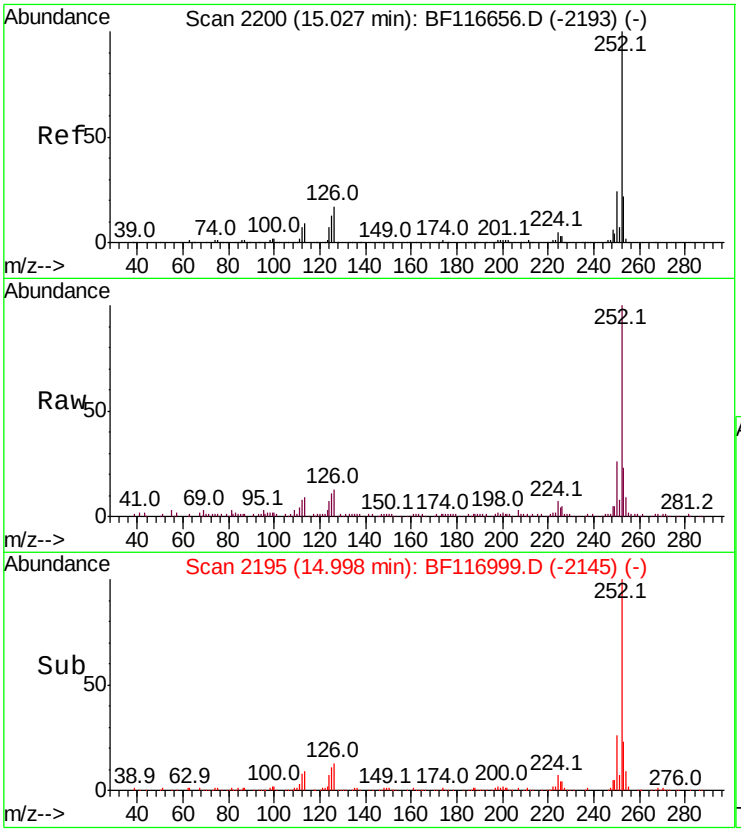


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion:264 Resp: 171119

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	22.1	17.9	26.9



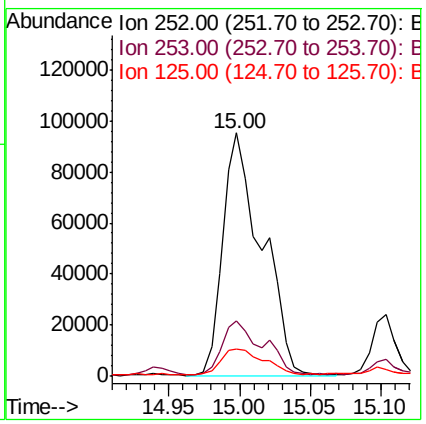


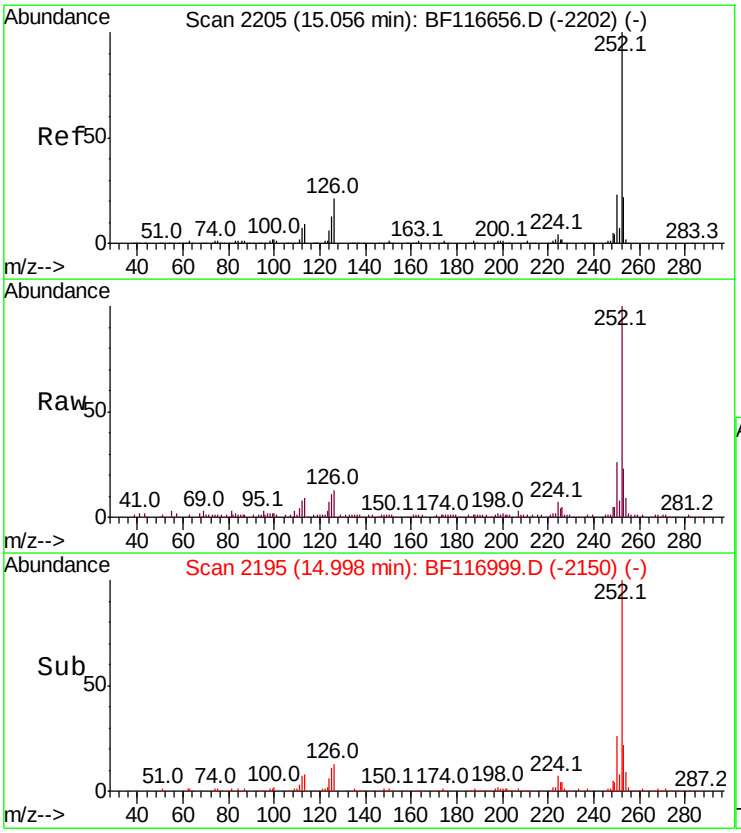
#88
Benzo(b)fluoranthene
Concen: 17.904 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 185227

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.4	8.3	12.5

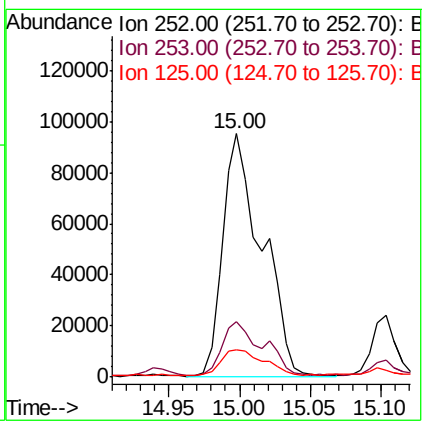


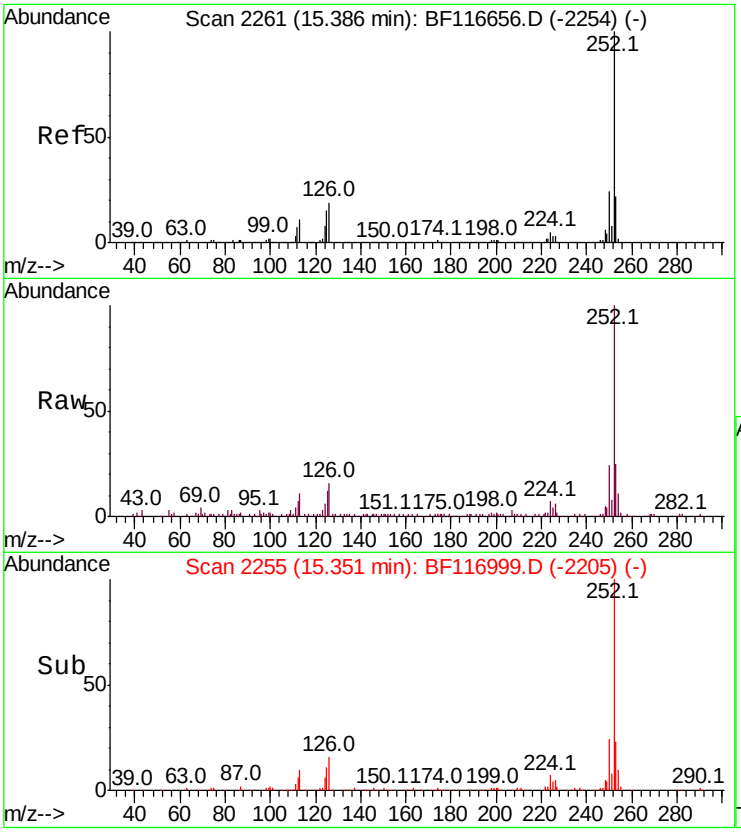


#89
Benzo(k)fluoranthene
Concen: 19.636 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.04 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion:252 Resp: 185227

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.8	25.2
125	11.4	7.6	11.4



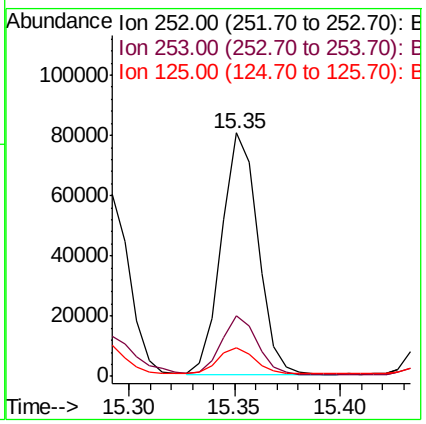


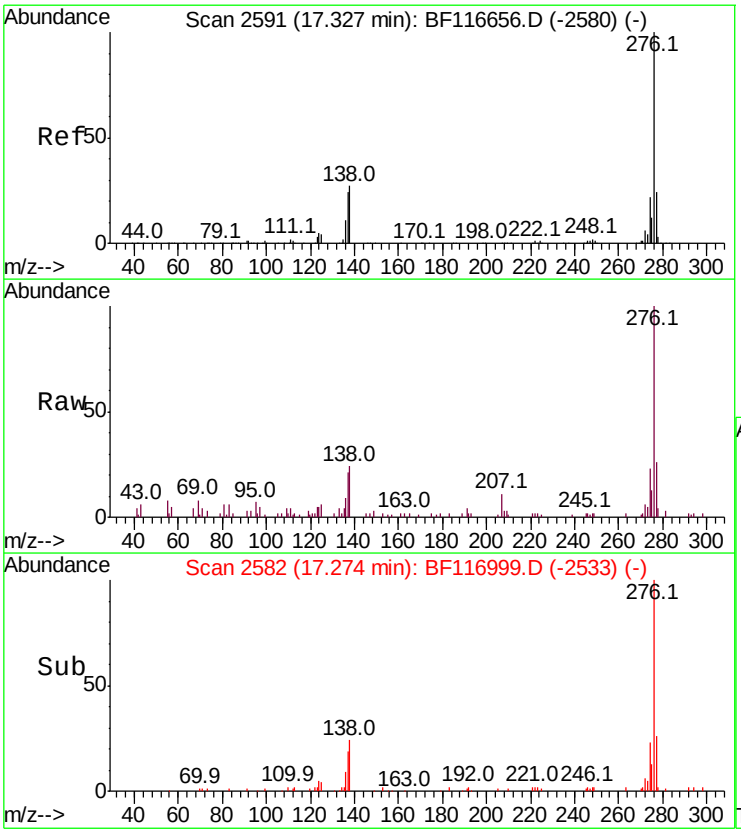
#90
Benzo(a)pyrene
Concen: 10.734 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 96616

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.6	26.4
125	11.6	10.2	15.2





#92
Benzo(g,h,i)perylene
Concen: 6.219 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF116999.D
Acq: 12 Sep 2019 18:29

Tgt Ion:276 Resp: 49970

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.0	28.6
138	24.1	18.7	28.1