Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
Data File : BF116491.D
Acq On : 23 Aug 2019 21:39
Operator : HP/JU
Sample : K4385-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T8-E1-E4-(0-2)

Quant Time: Aug 24 03:35:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	96067	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	319340	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	133009	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	192144	20.00	ng		0.00
76) Chrysene-d12	14.03	240	183681	20.00	ng		0.00
87) Perylene-d12	15.50	264	228709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	565617	86.03	ng		0.00
7) Phenol-d6	6.50	99	709508	88.01	ng		0.00
23) Nitrobenzene-d5	7.43	82	425329	72.87	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	107379	94.02	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	578023	69.98	ng		0.00
79) Terphenyl-d14	12.98	244	467749	47.57	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	57291	10.415	ng	#	80
25) Isophorone	7.43	82	425322	36.976	ng	#	67
50) Dimethylphthalate	9.62	163	43771	4.717	ng		98
57) 2,4-Dinitrotoluene	9.91	165	17789	7.360	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.69	198	108	7.122	ng	#	1
71) Phenanthrene	11.42	178	75029	7.168	ng		99
72) Anthracene	11.42	178	75029	7.133	ng		100
75) Fluoranthene	12.60	202	151470	13.997	ng		98
78) Pyrene	12.83	202	141385	9.625	ng		98
81) Benzo(a)anthracene	14.02	228	79265	6.663	ng		95
83) Chrysene	14.02	228	79265	6.574	ng		97
84) Bis(2-ethylhexyl)phthalate	14.02	149	19825	2.344	ng	#	93
86) Indeno(1,2,3-cd)pyrene	16.97	276	69281	6.708	ng		96
88) Benzo(b)fluoranthene	15.07	252	163351	11.562	ng	#	86
89) Benzo(k)fluoranthene	15.07	252	163351	12.762	ng	#	84
90) Benzo(a)pyrene	15.44	252	87024	6.969	ng	#	85
92) Benzo(g,h,i)perylene	17.42	276	70033	7.159	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
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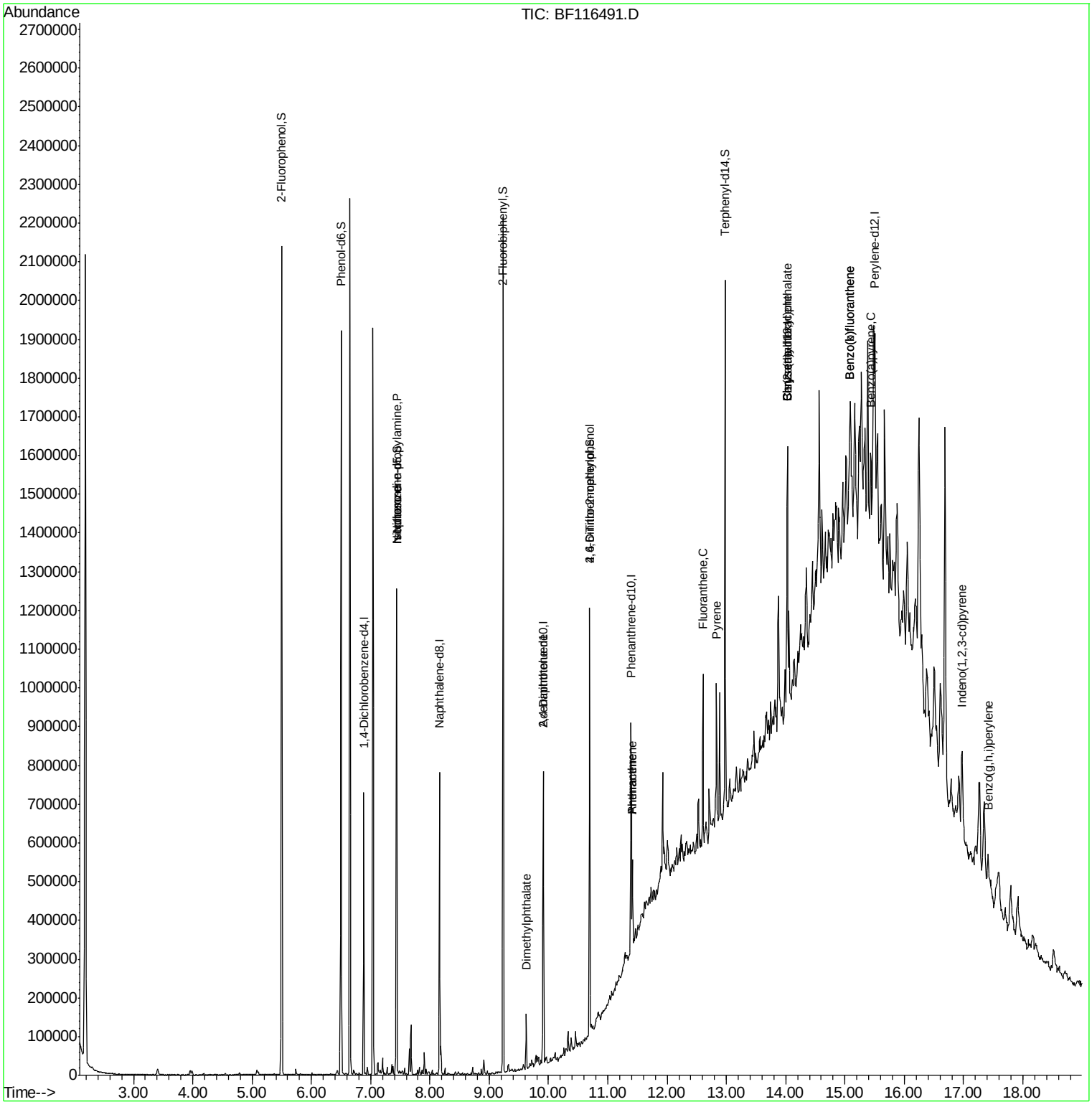
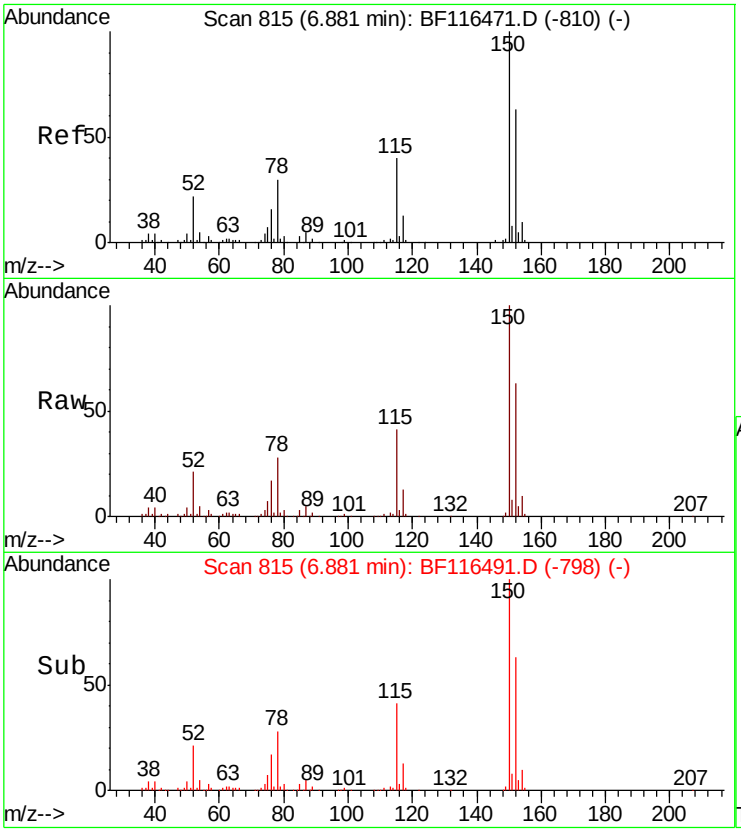


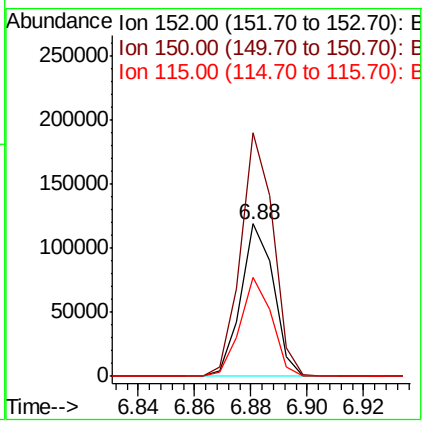


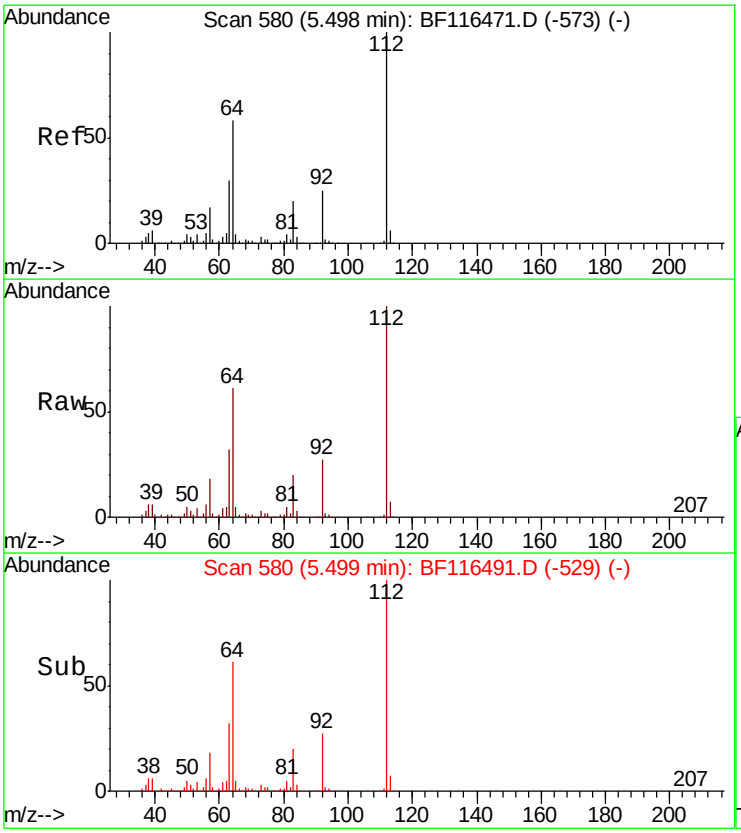
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion:152 Resp: 96067

Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.7	190.1
115	65.1	50.9	76.3

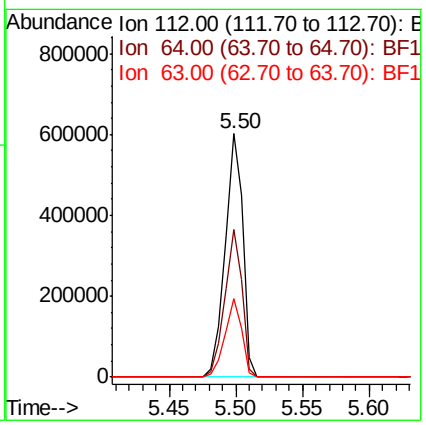


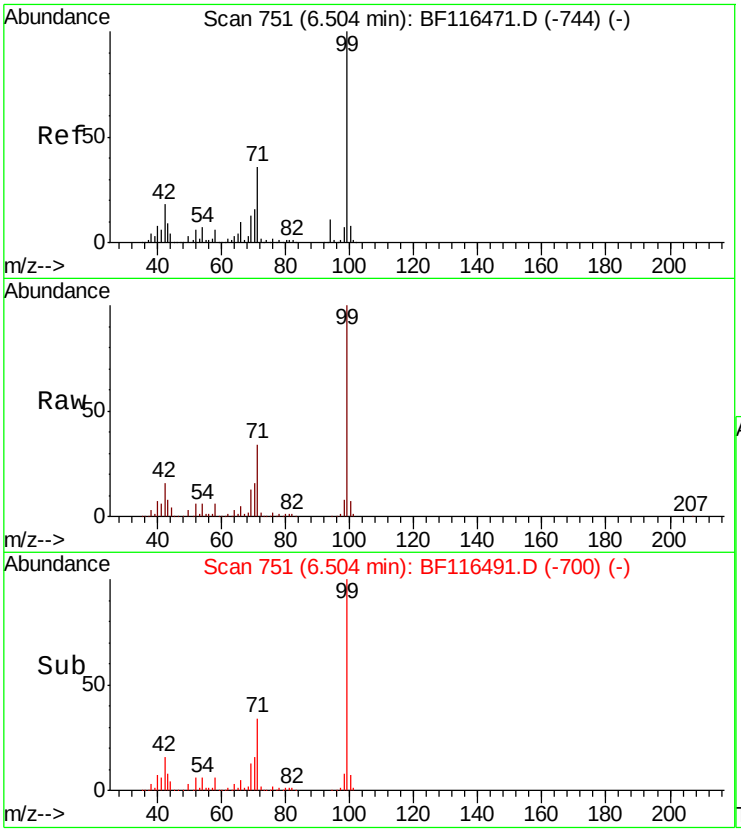


#5
2-Fluorophenol
Concen: 86.028 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion:112 Resp: 565617

Ion	Ratio	Lower	Upper
112	100		
64	60.8	46.3	69.5
63	32.1	24.2	36.4



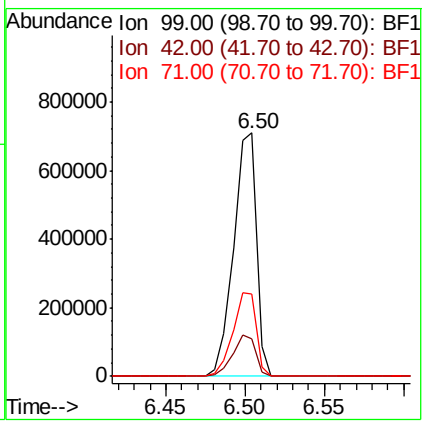


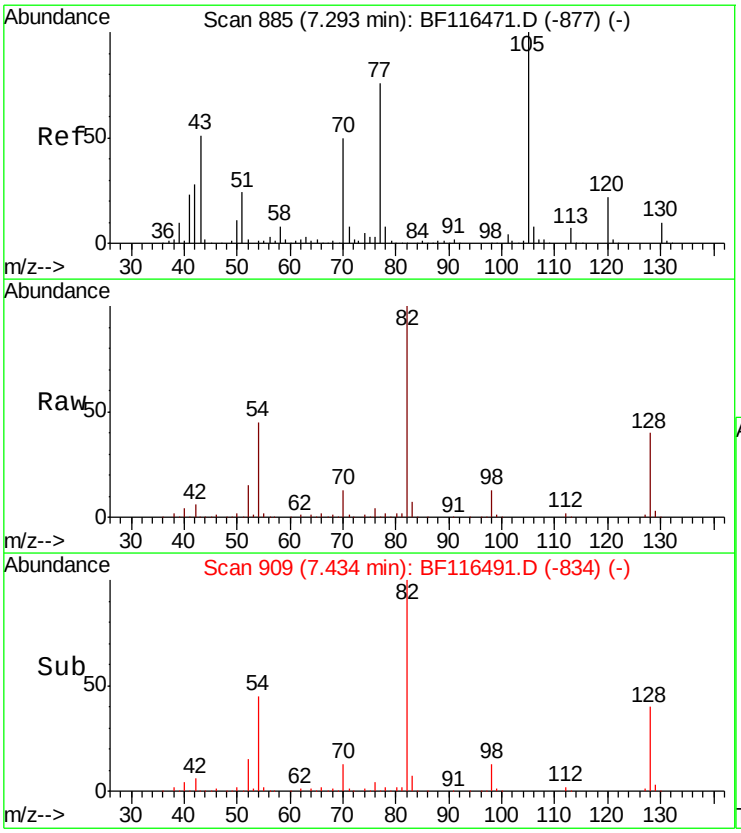
#7
Phenol-d6
Concen: 88.010 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion: 99 Resp: 709508

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.6	21.8
71	33.8	28.5	42.7

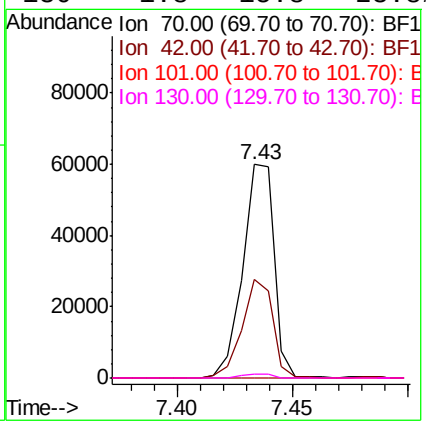


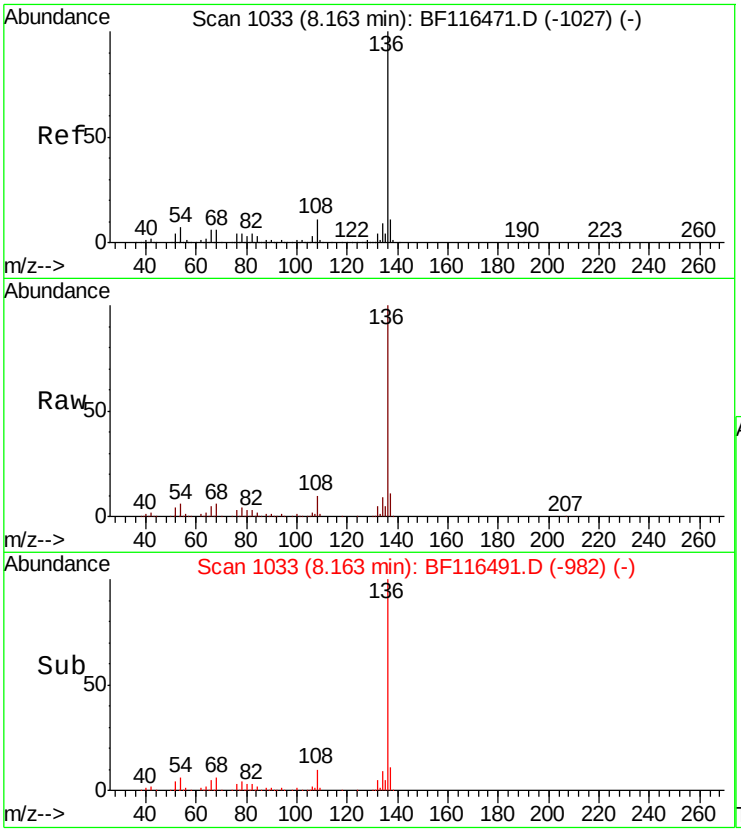


#19
n-Nitroso-di-n-propylamine
Concen: 10.415 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion: 70 Resp: 57291

Ion	Ratio	Lower	Upper
70	100		
42	46.2	44.4	66.6
101	0.0	7.1	10.7#
130	1.8	15.8	23.8#



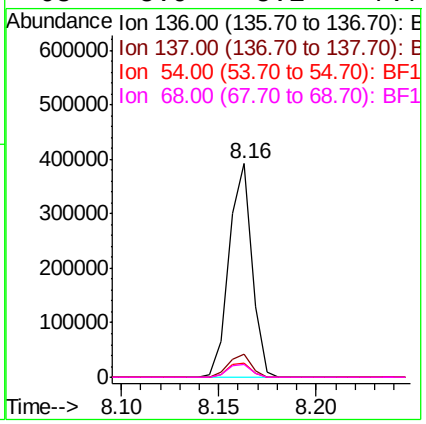


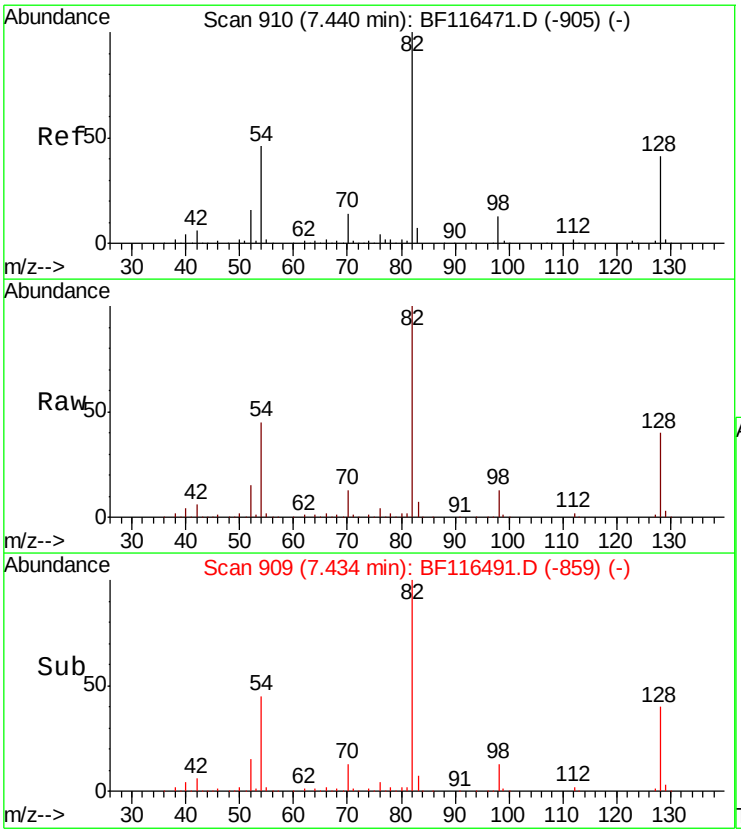
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument : BNA_F
ClientSampleId : T8-E1-E4-(0-2)

Tgt Ion:136 Resp: 319340

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.4	5.8	8.6
68	5.9	5.1	7.7

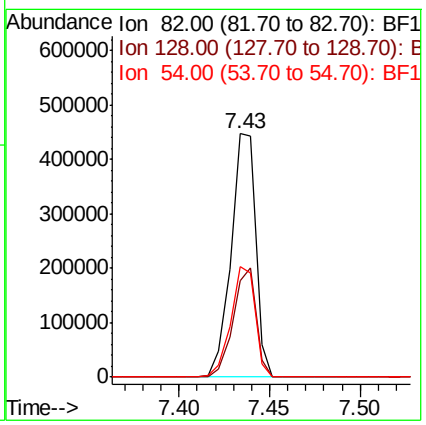


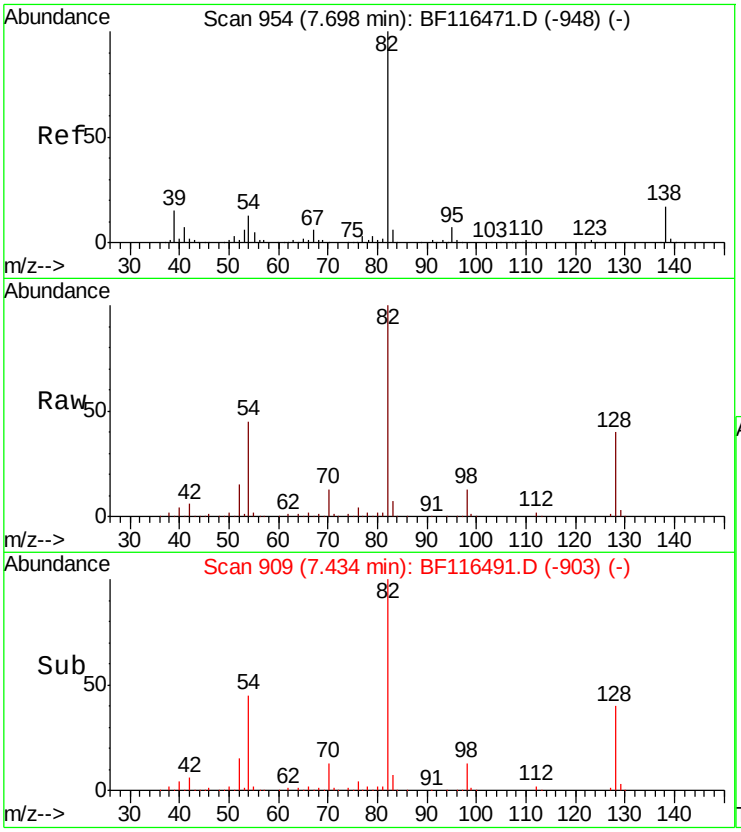


#23
Nitrobenzene-d5
Concen: 72.868 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion: 82 Resp: 425329

Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.2	48.4
54	45.3	36.5	54.7



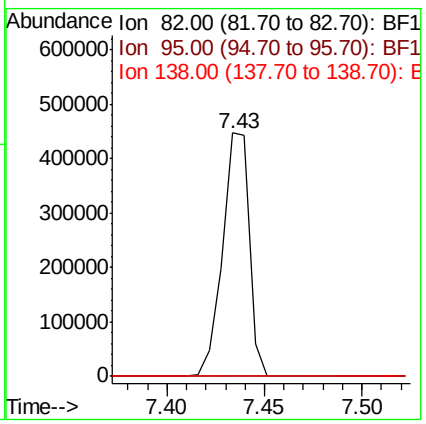


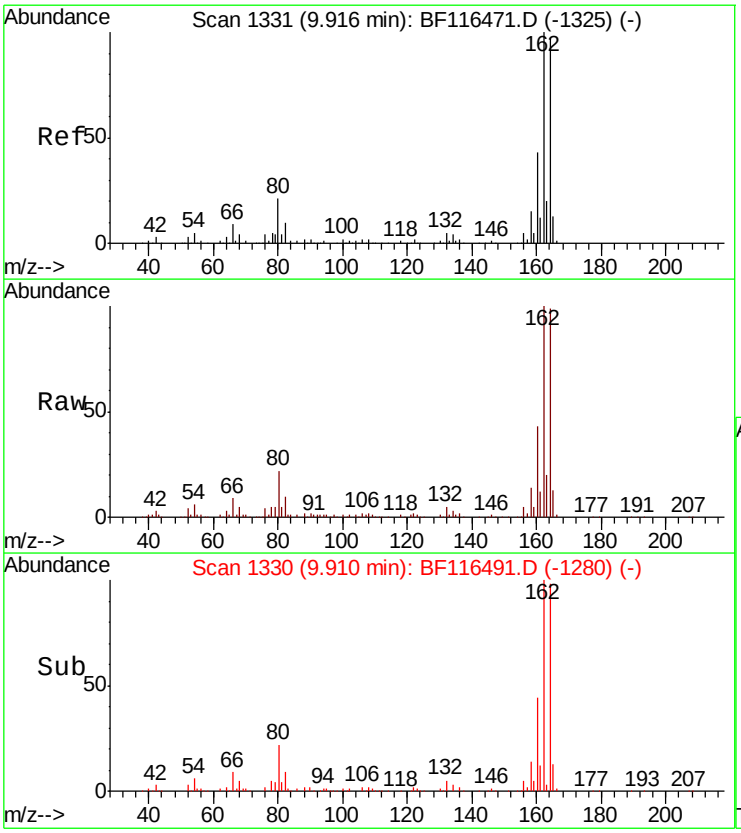
#25
Isophorone
Concen: 36.976 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion: 82 Resp: 425322

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#

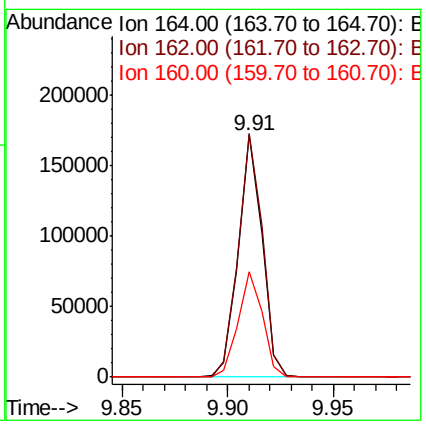


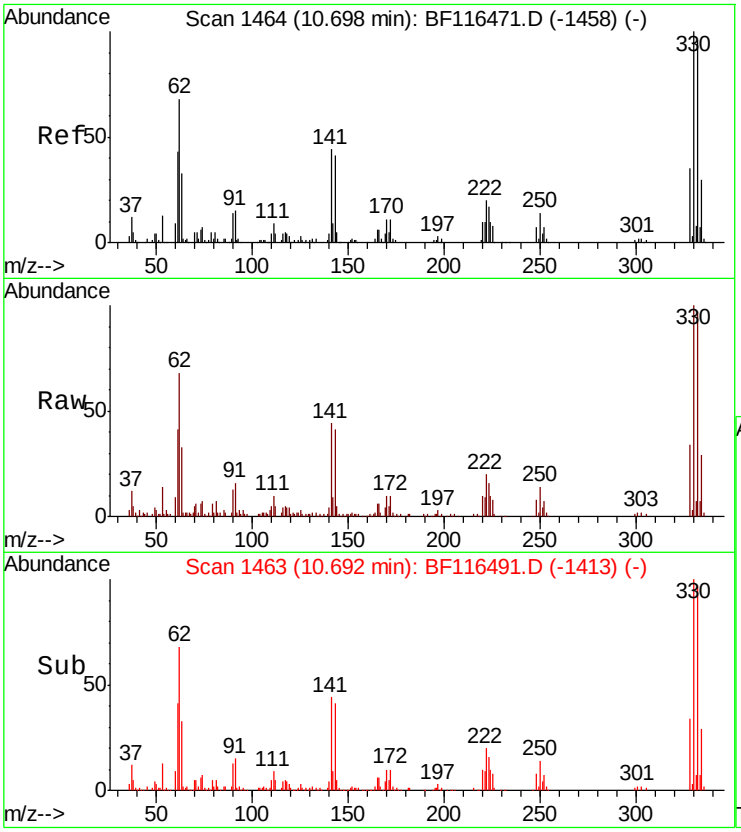


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion:164 Resp: 133009

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	43.7	35.8	53.8



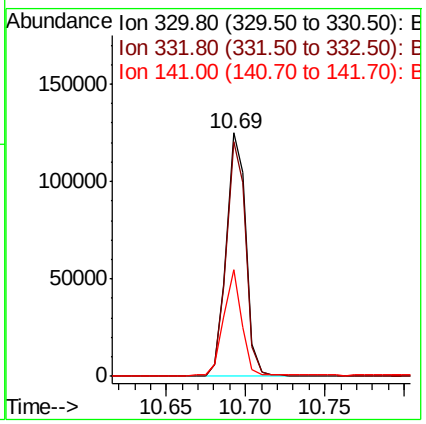


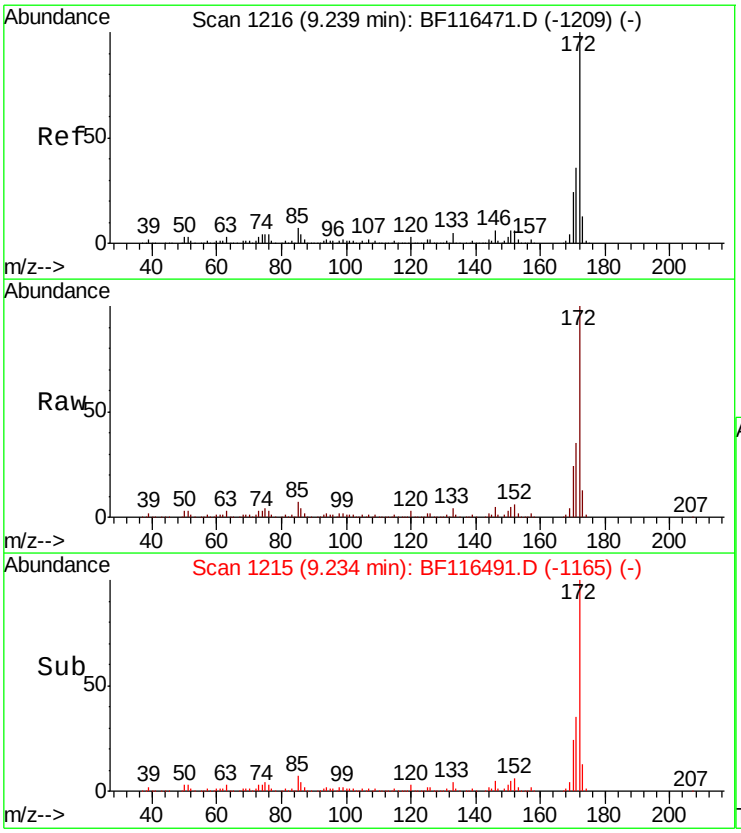
#42
2,4,6-Tribromophenol
Concen: 94.018 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion:330 Resp: 107379

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	41.4	33.3	49.9

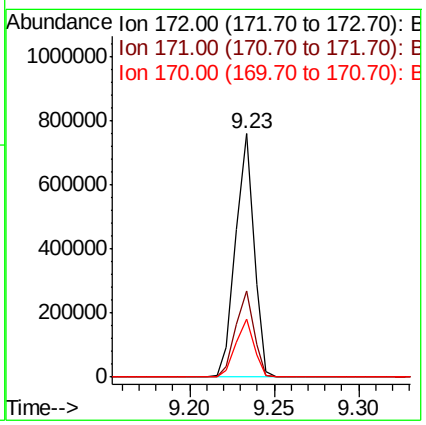


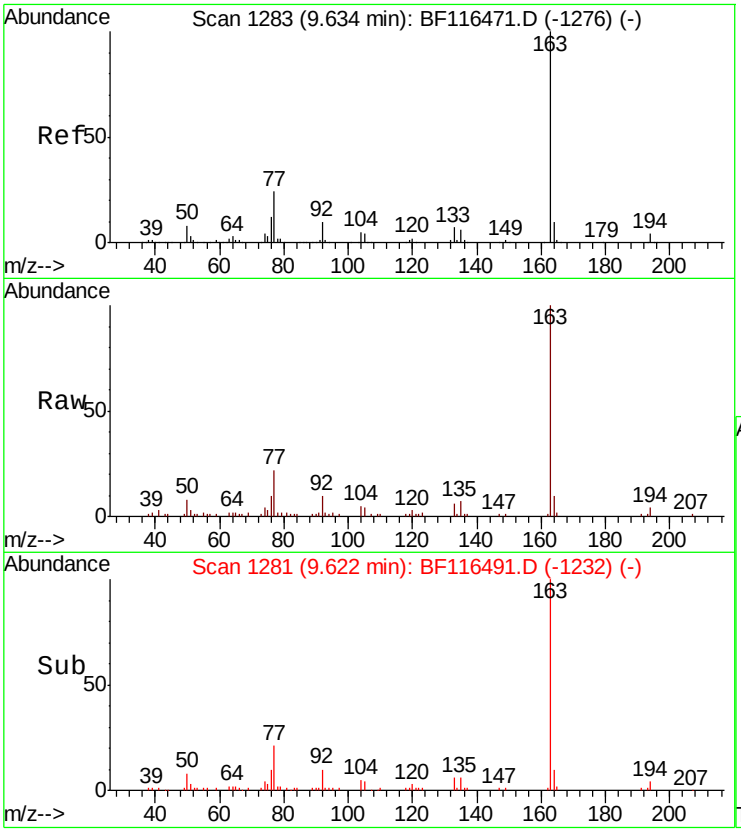


#45
2-Fluorobiphenyl
Concen: 69.984 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion:172 Resp: 578023

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	23.6	19.4	29.0



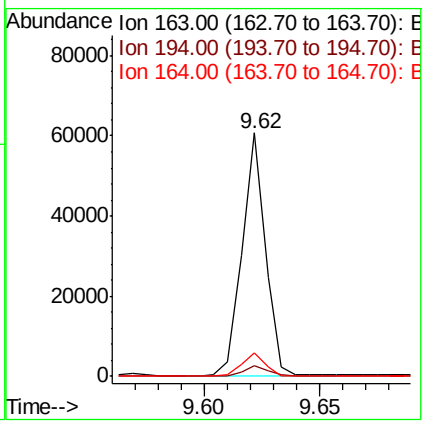


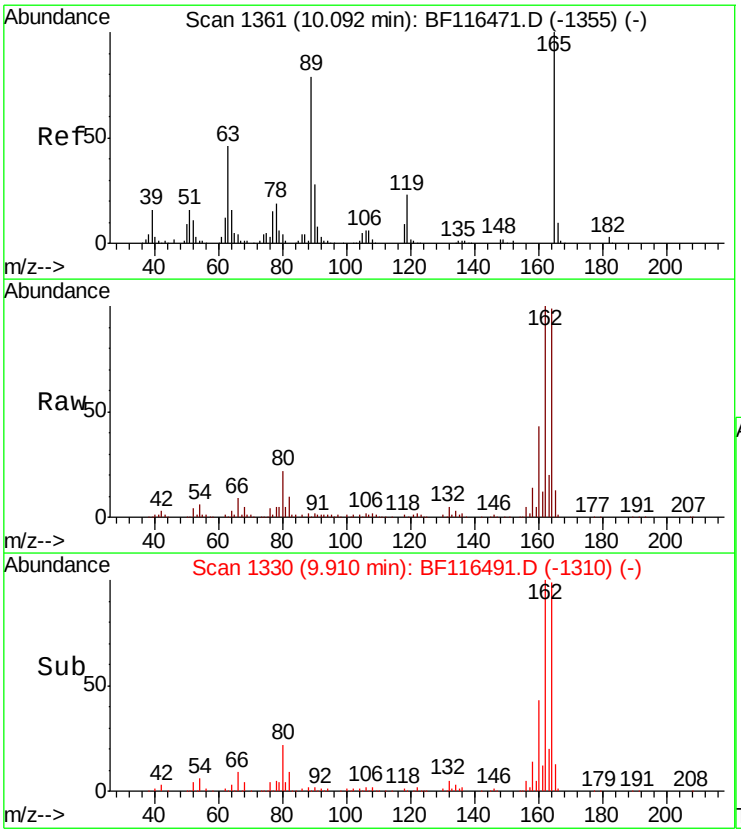
#50
Dimethylphthalate
Concen: 4.717 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion:163 Resp: 43771

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.9	4.3
164	9.6	8.2	12.2

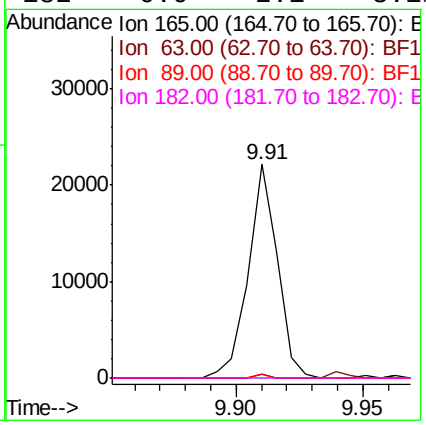


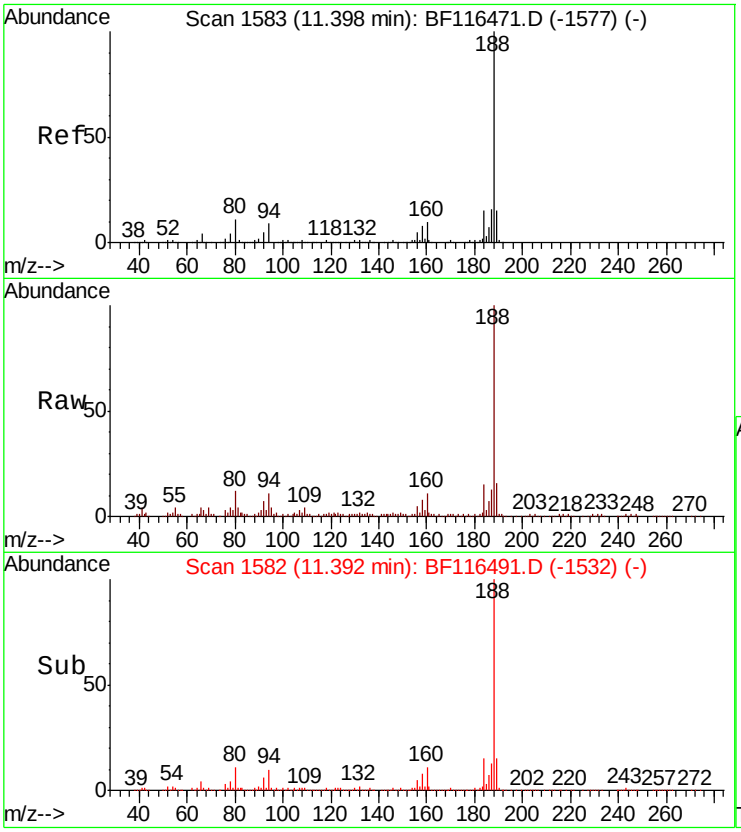


#57
2,4-Dinitrotoluene
Concen: 7.360 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.18 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion:165 Resp: 17789

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.9	55.3#
89	2.1	63.4	95.0#
182	0.0	2.1	3.1#



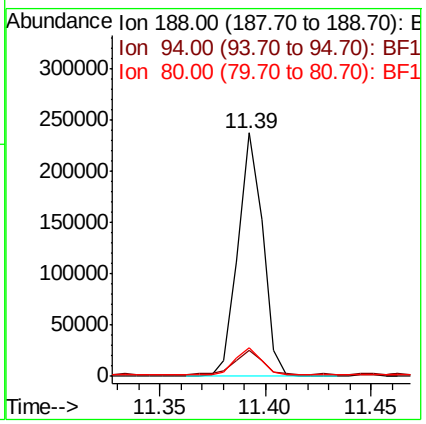


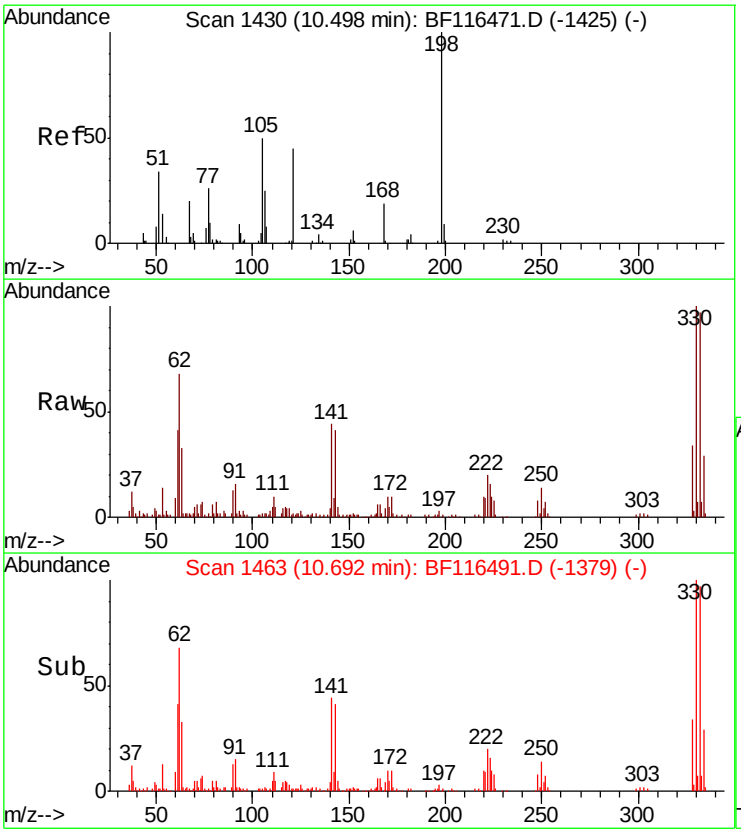
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion:188 Resp: 192144

Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.4	11.2
80	11.7	8.6	12.8

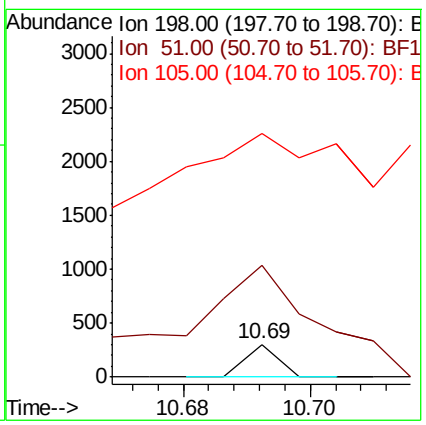


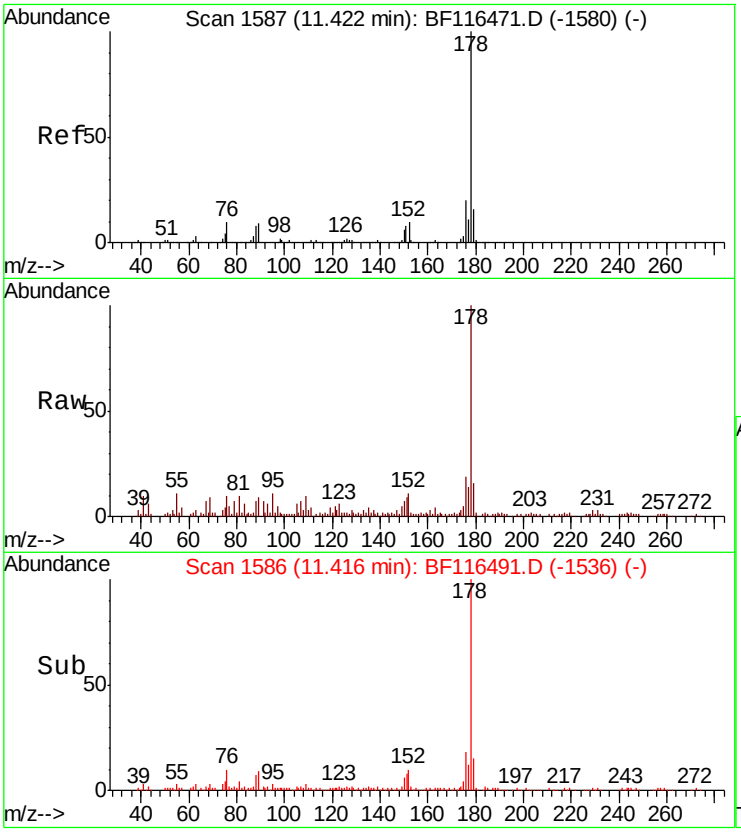


#65
4,6-Dinitro-2-methylphenol
Concen: 7.122 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.19 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	339.2	30.4	70.4#
105	737.6	32.8	72.8#



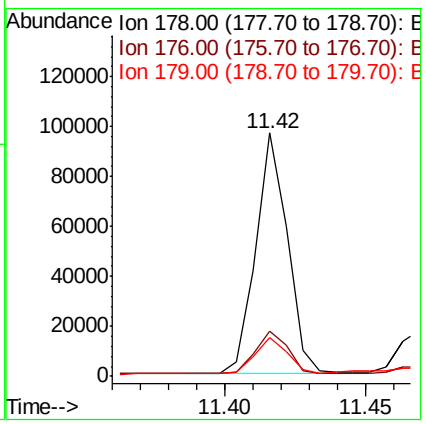


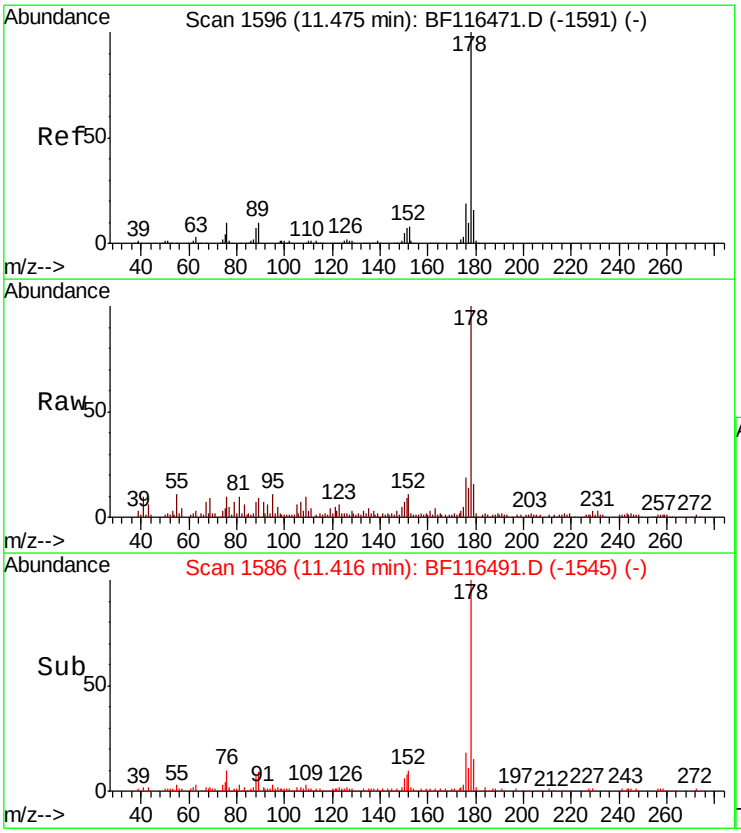
#71
Phenanthrene
Concen: 7.168 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion:178 Resp: 75029

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.8	12.8	19.2

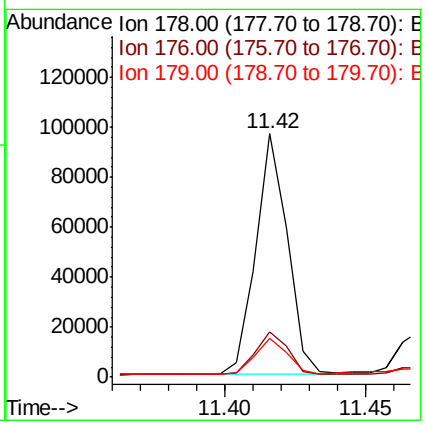


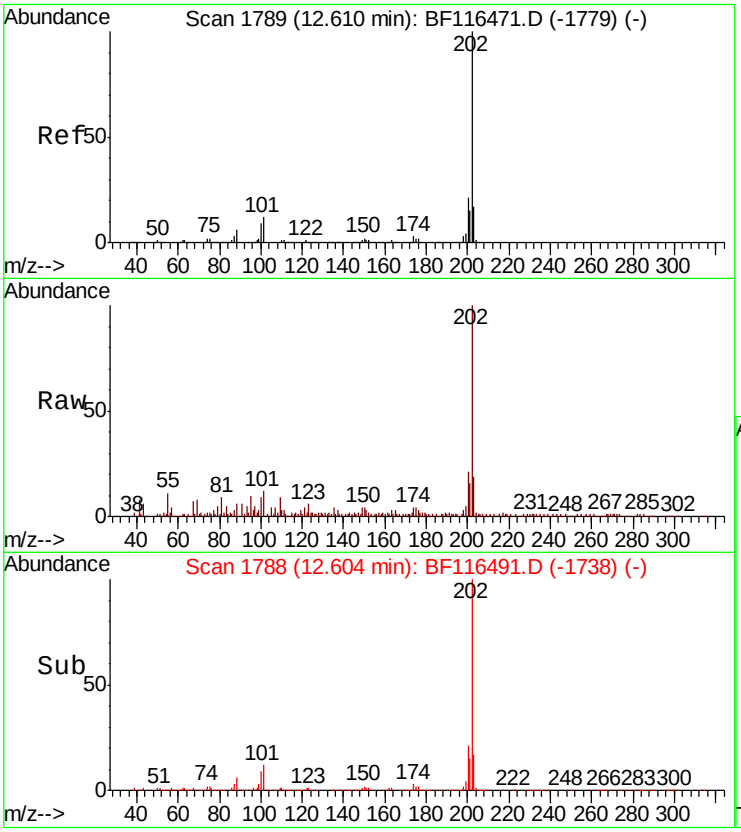


#72
Anthracene
Concen: 7.133 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.06 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion:178 Resp: 75029

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.8	12.5	18.7



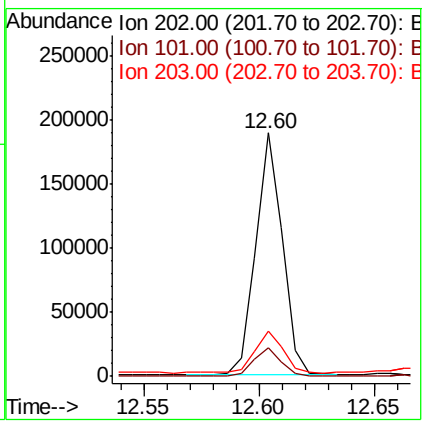


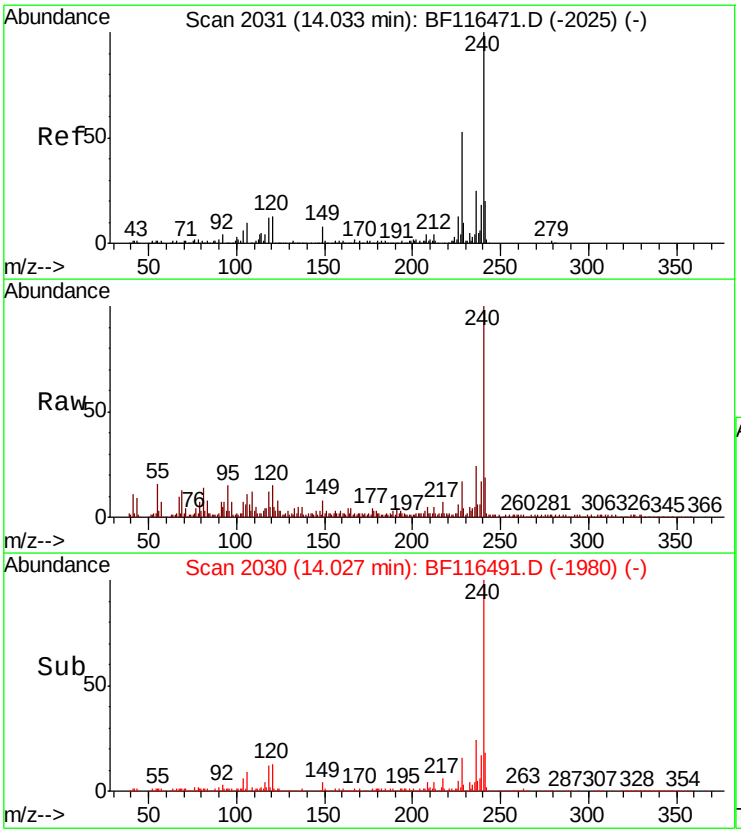
#75
Fluoranthene
Concen: 13.997 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion:202 Resp: 151470

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.5
203	18.8	0.0	37.5

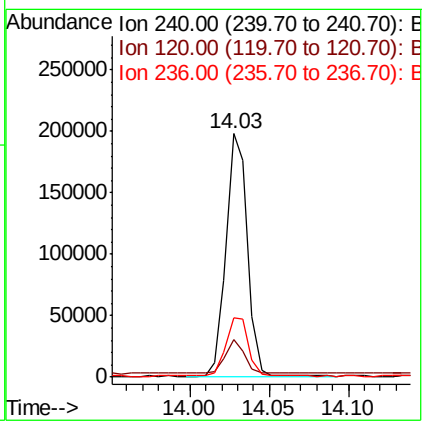


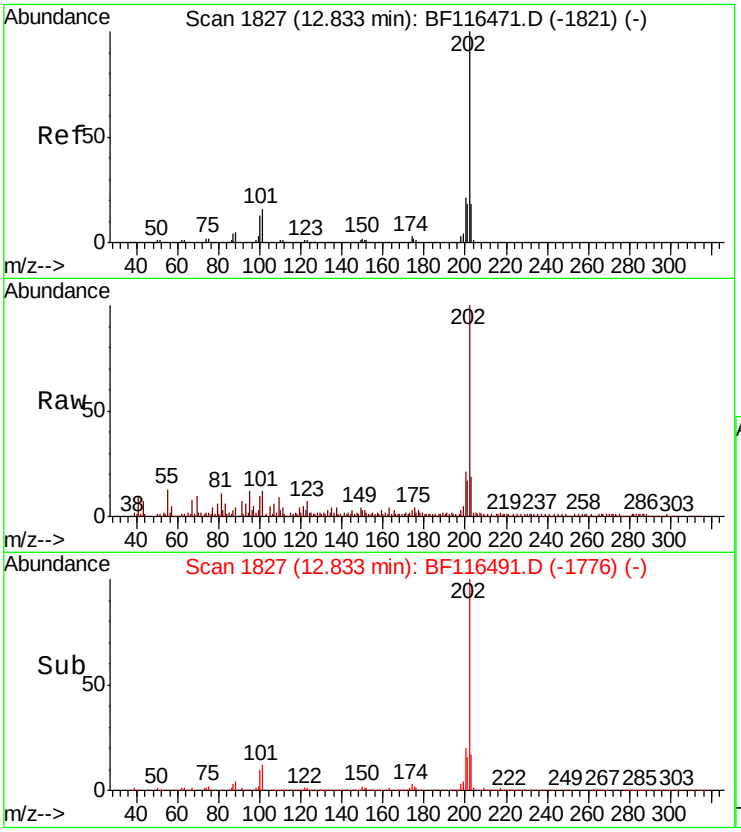


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion:240 Resp: 183681

Ion	Ratio	Lower	Upper
240	100		
120	15.3	10.5	15.7
236	24.2	20.2	30.2



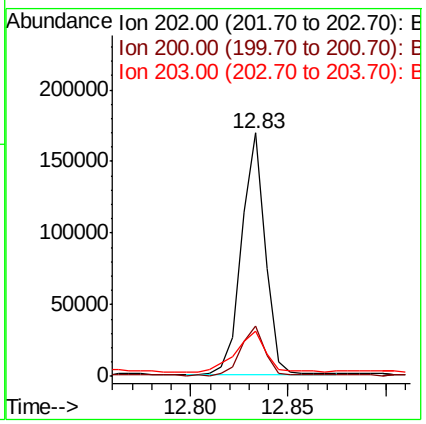


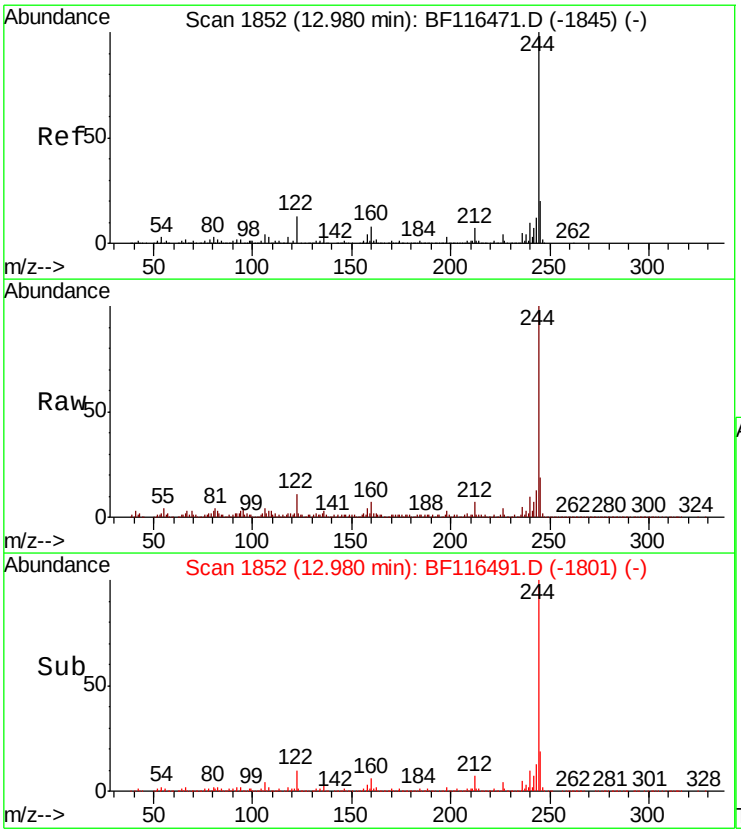
#78
Pyrene
Concen: 9.625 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion:202 Resp: 141385

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	18.8	14.2	21.4

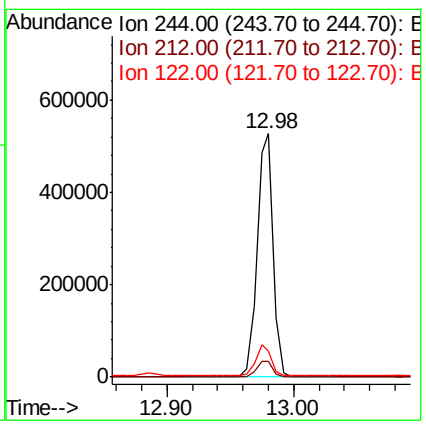


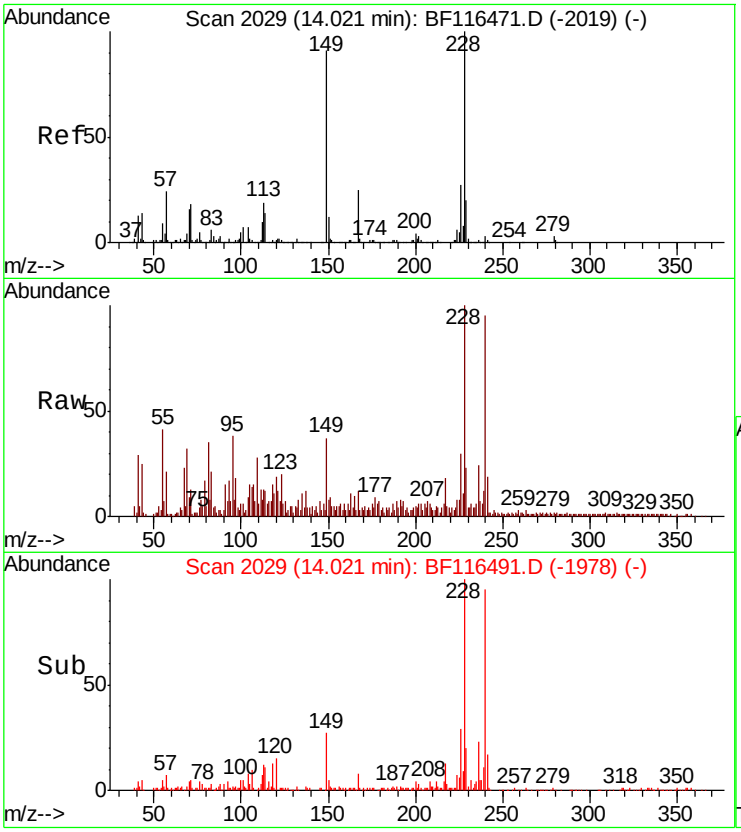


#79
Terphenyl-d14
Concen: 47.567 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion:244 Resp: 467749

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	10.9	10.2	15.4



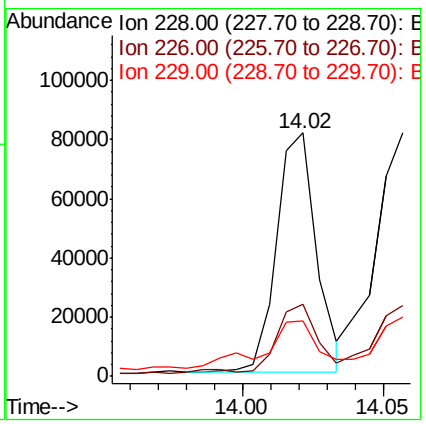


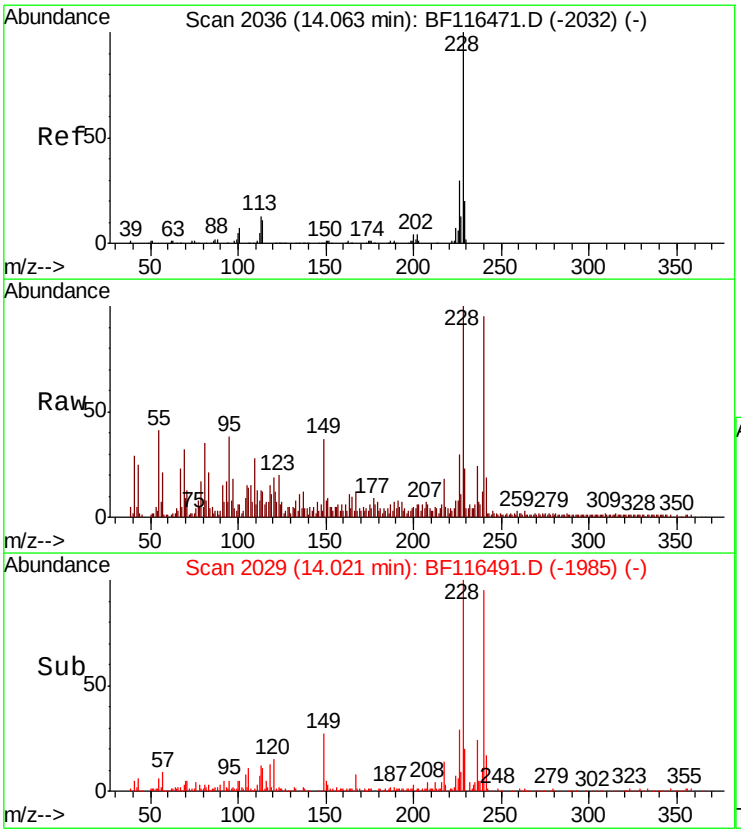
#81
Benzo(a)anthracene
Concen: 6.663 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion:228 Resp: 79265

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.8	32.6
229	22.8	15.9	23.9

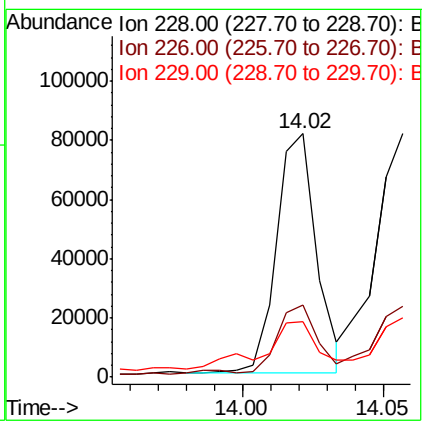


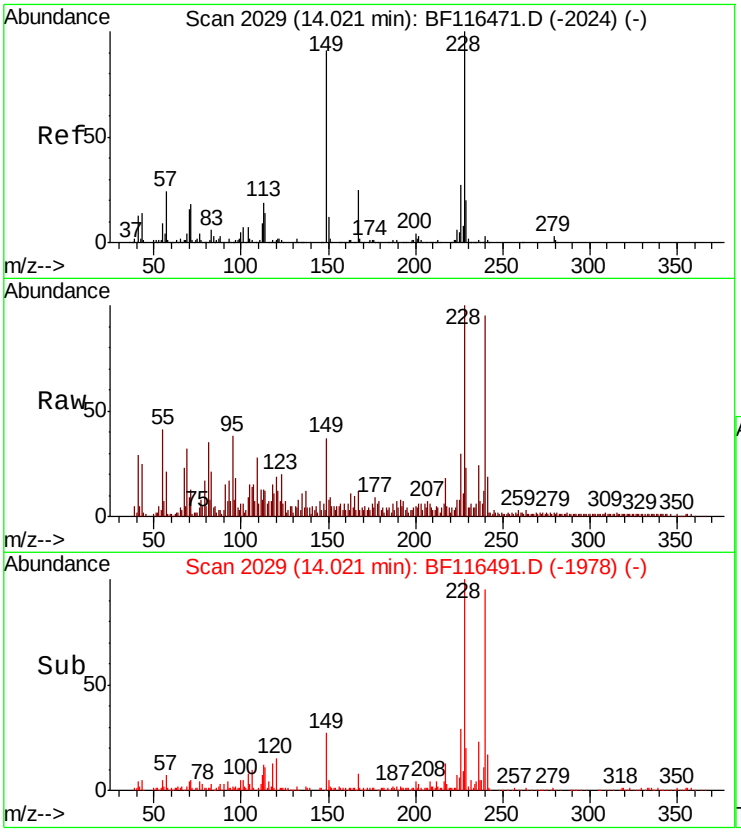


#83
Chrysene
Concen: 6.574 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.04 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion:228 Resp: 79265

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.2
229	22.8	15.8	23.6



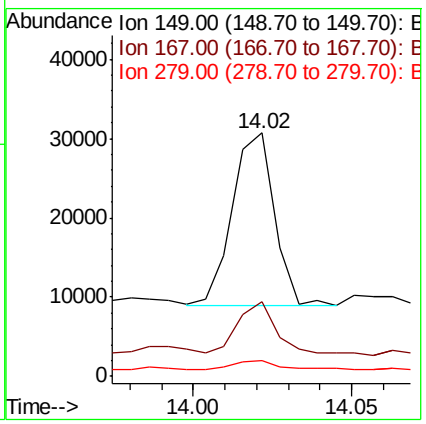


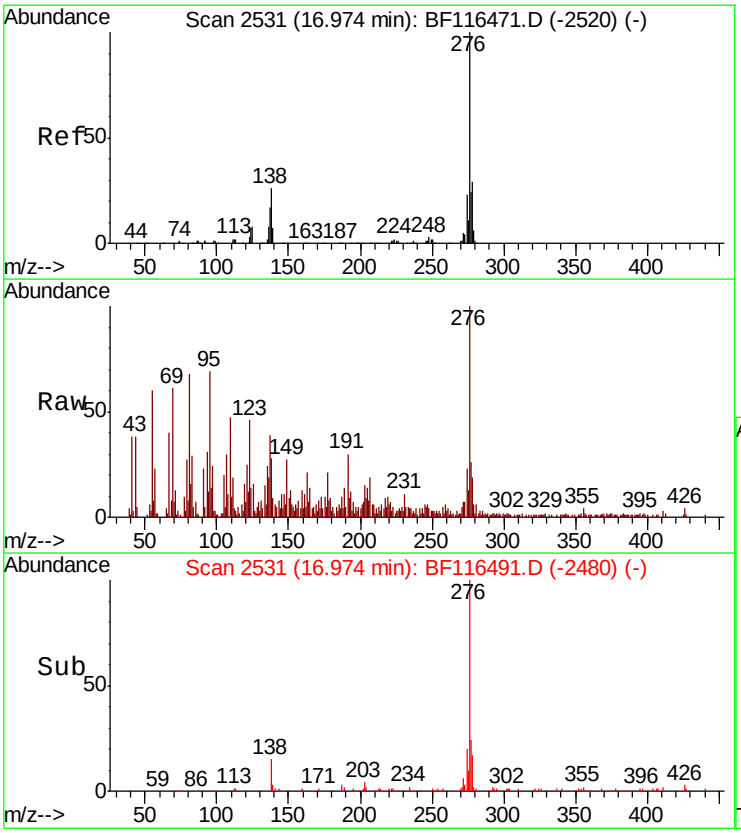
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.344 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion:149 Resp: 19825

Ion	Ratio	Lower	Upper
149	100		
167	30.9	21.8	32.6
279	6.7	3.0	4.4#

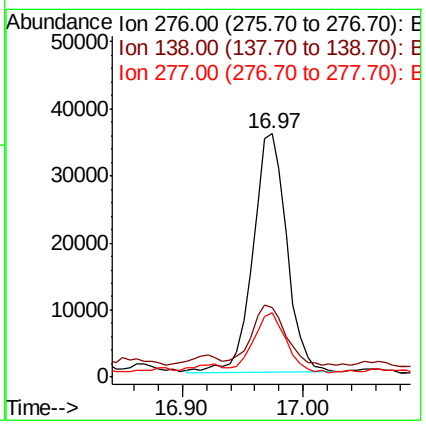


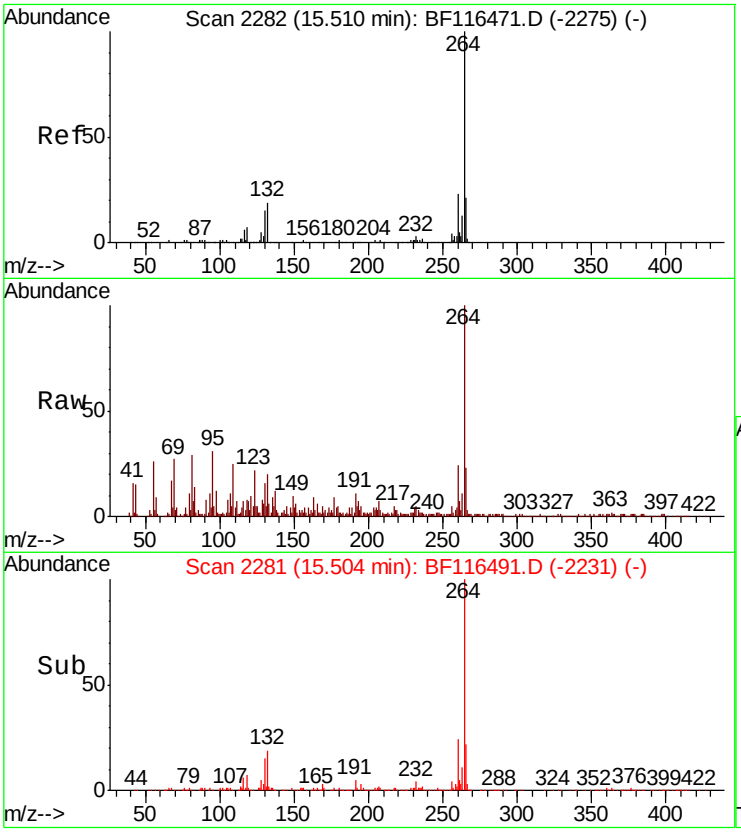


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.708 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion:276 Resp: 69281

Ion	Ratio	Lower	Upper
276	100		
138	25.6	22.9	34.3
277	24.2	19.9	29.9



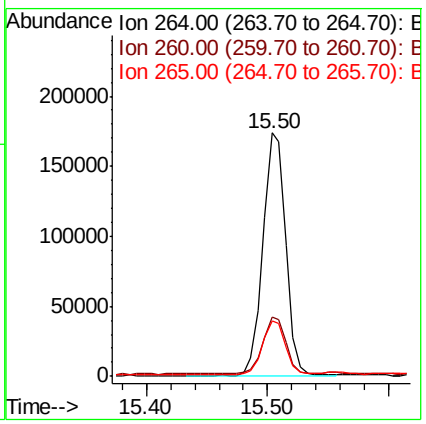


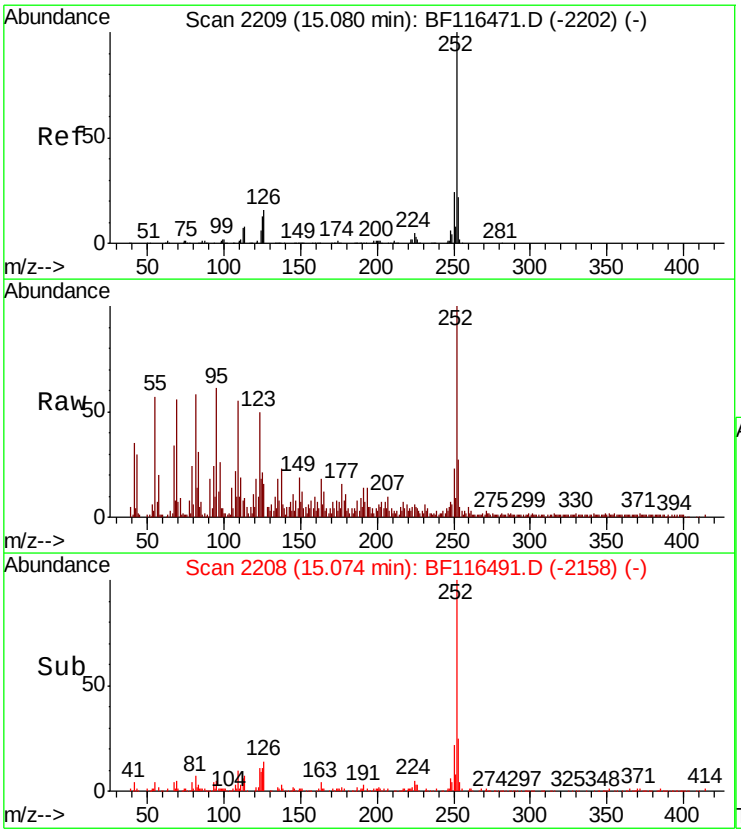
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion:264 Resp: 228709

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	22.7	17.1	25.7

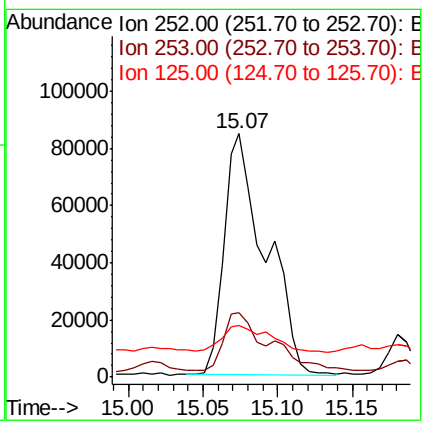


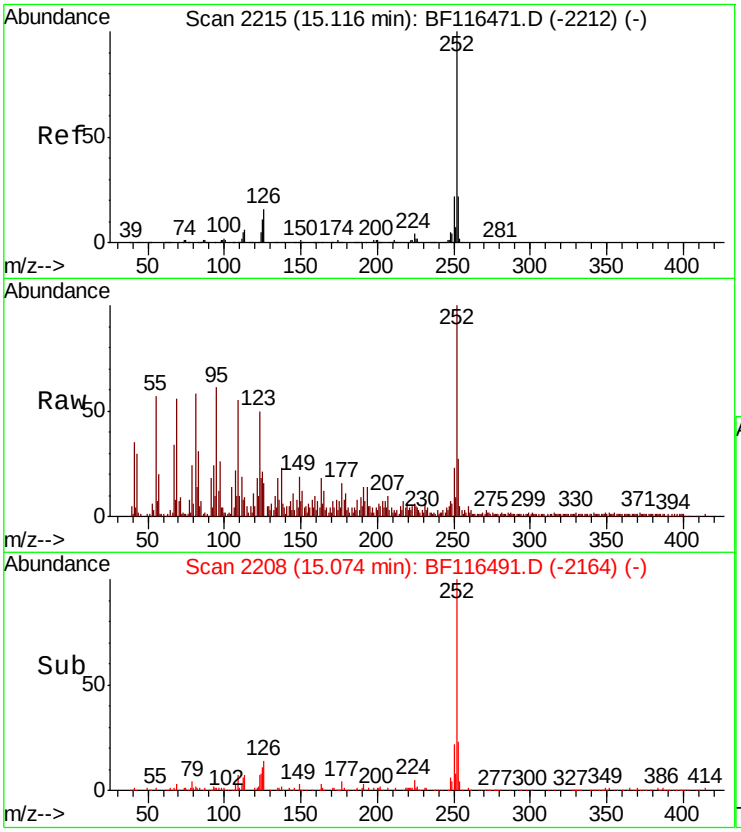


#88
Benzo(b)fluoranthene
Concen: 11.562 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion:252 Resp: 163351

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.5	26.3#
125	21.2	10.1	15.1#



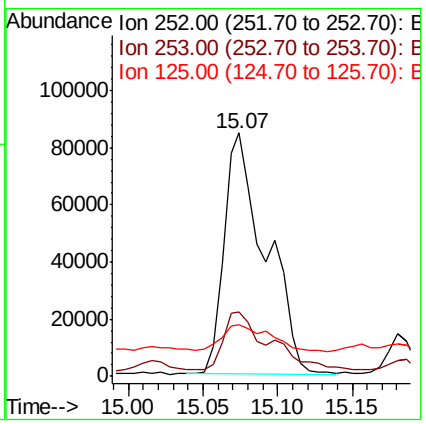


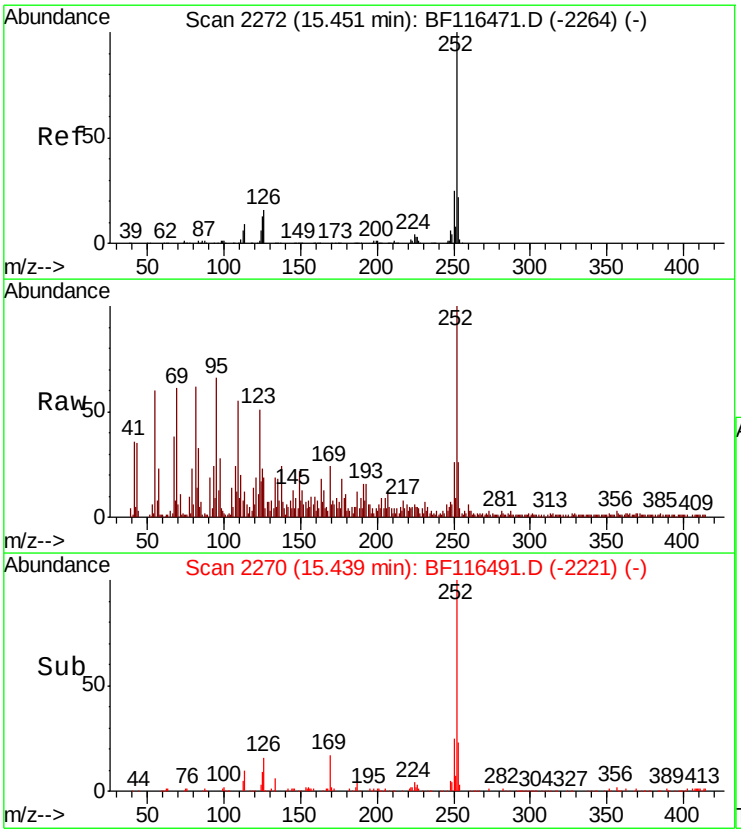
#89
Benzo(k)fluoranthene
Concen: 12.762 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion:252 Resp: 163351

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.2#
125	21.2	9.1	13.7#

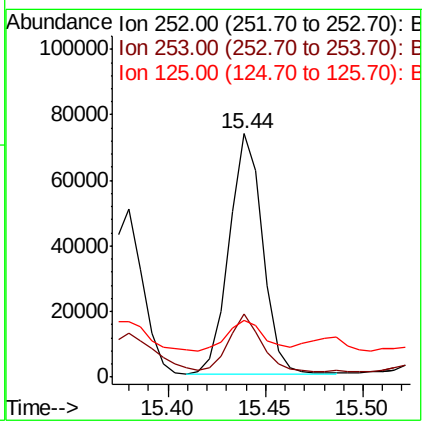


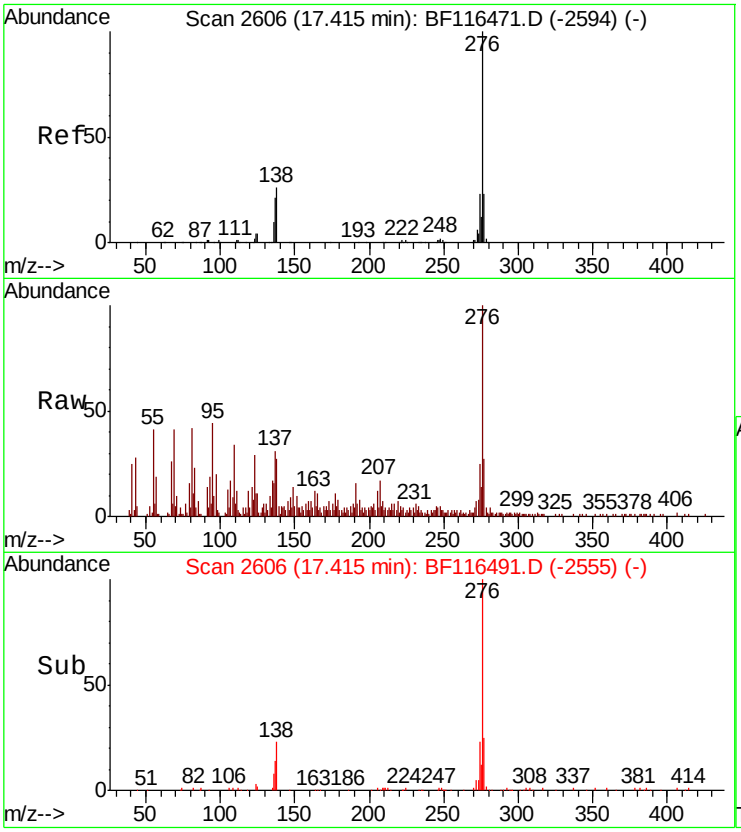


#90
Benzo(a)pyrene
Concen: 6.969 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Tgt Ion:252 Resp: 87024

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	23.1	10.2	15.4#





#92
Benzo(g,h,i)perylene
Concen: 7.159 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.00 min
Lab File: BF116491.D
Acq: 23 Aug 2019 21:39

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(0-2)

Tgt Ion:276 Resp: 70033

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.7	28.1
138	27.0	20.8	31.2