Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 21 16:15:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	88080	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	362236	20.00	ng		-0.02
39) Acenaphthene-d10	9.83	164	193610	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	330910	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	234301	20.00	ng		-0.02
87) Perylene-d12	15.42	264	248105	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	75845	14.42	ng		0.00
7) Phenol-d6	6.46	99	123476	18.60	ng		0.00
23) Nitrobenzene-d5	7.37	82	74954	11.94	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	21820	11.62	ng		-0.02
45) 2-Fluorobiphenyl	9.15	172	153340	14.83	ng		-0.02
79) Terphenyl-d14	12.89	244	149368	13.43	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	9571	2.327	ng	#	84
25) Isophorone	7.37	82	74954	6.246	ng	#	65
51) 2,6-Dinitrotoluene	9.83	165	24788	8.653	ng	#	28
57) 2,4-Dinitrotoluene	9.83	165	24788	6.499	ng	#	20
75) Fluoranthene	12.53	202	66333	3.745	ng		99
78) Pyrene	12.76	202	73537	4.164	ng		98
81) Benzo(a)anthracene	13.95	228	32687	2.183	ng		96
83) Chrysene	13.99	228	32658	2.246	ng		95
88) Benzo(b)fluoranthene	15.00	252	54826	3.822	ng	#	88
89) Benzo(k)fluoranthene	15.00	252	54826	3.924	ng	#	88
90) Benzo(a)pyrene	15.37	252	26006	2.028	ng	#	83

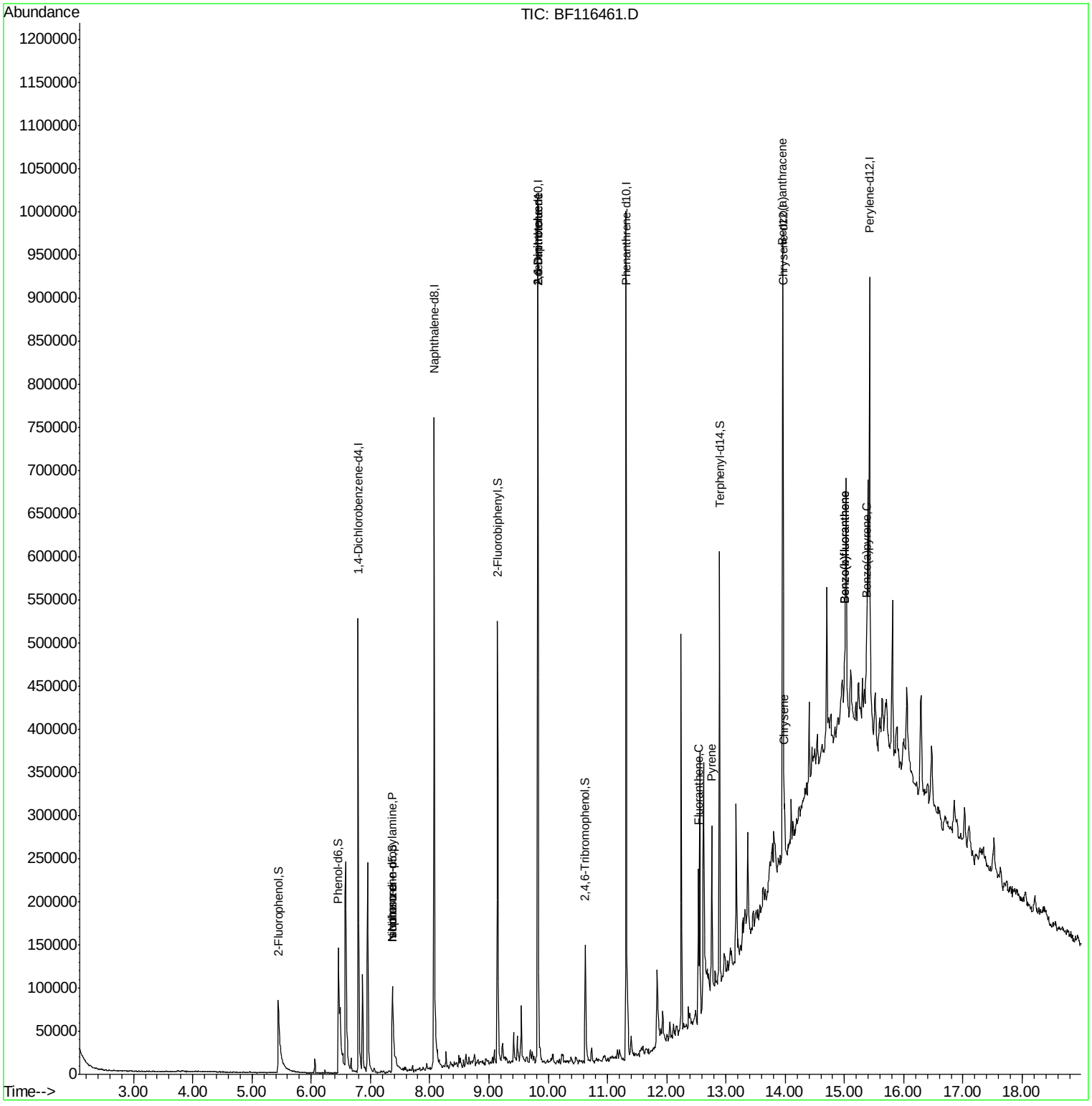
(#) = qualifier out of range (m) = manual integration (+) = signals summed

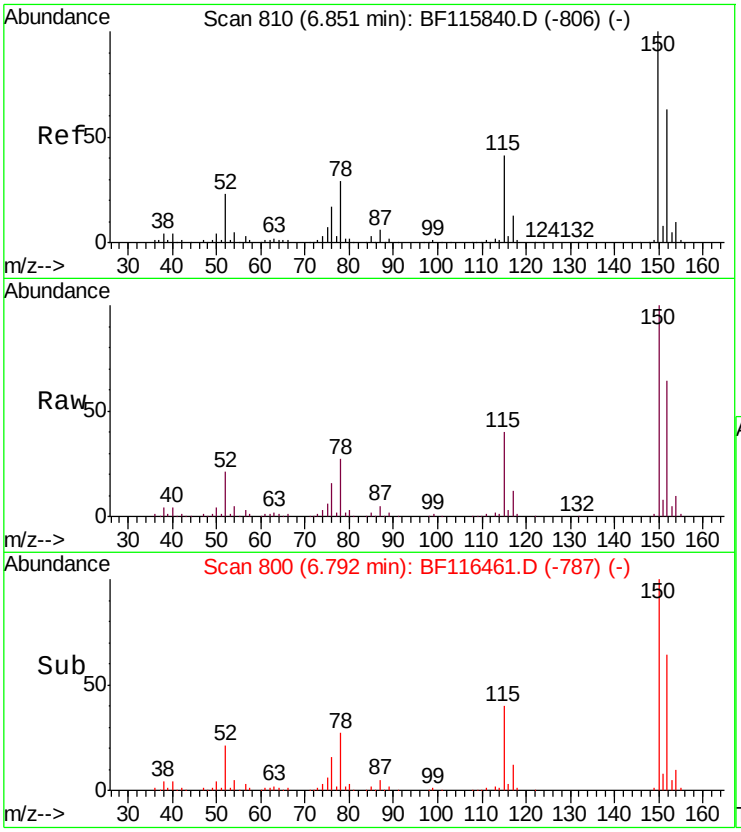
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 21 16:15:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration



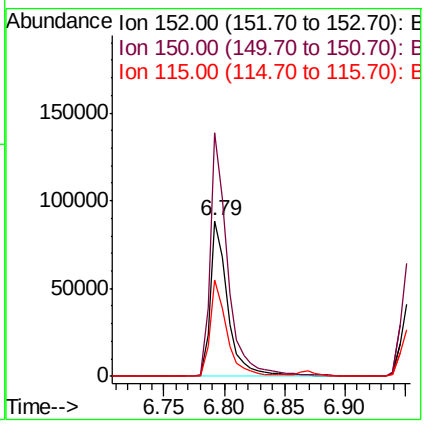


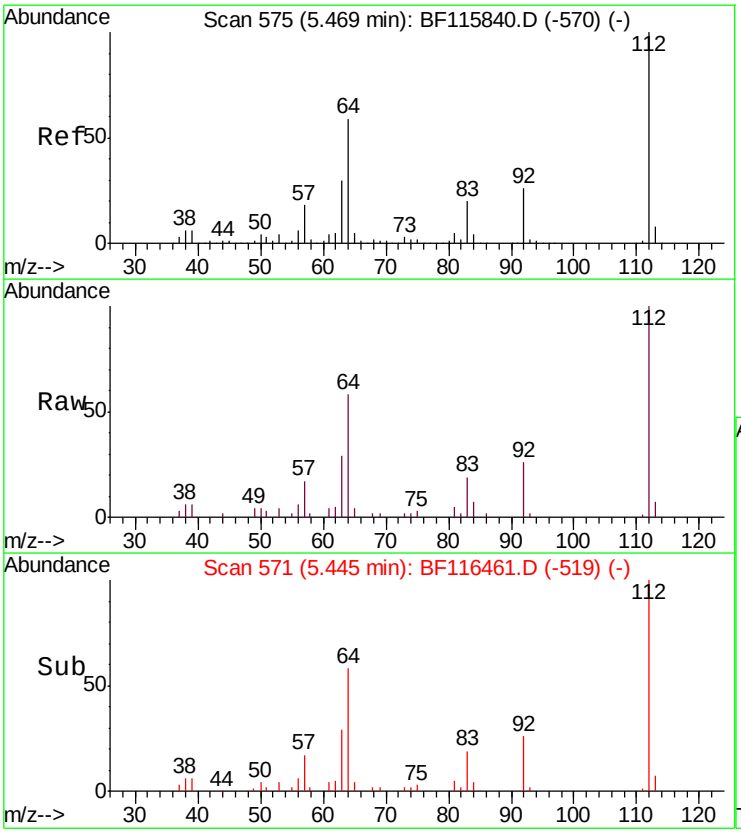
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 88080

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	62.0	49.9	74.9

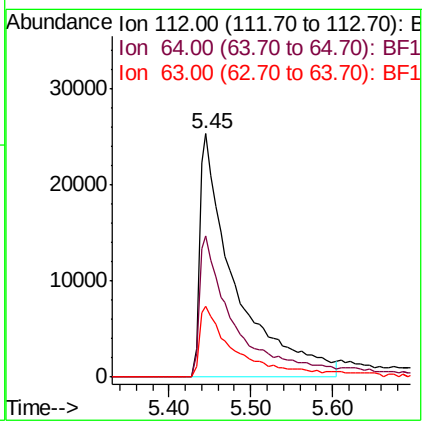


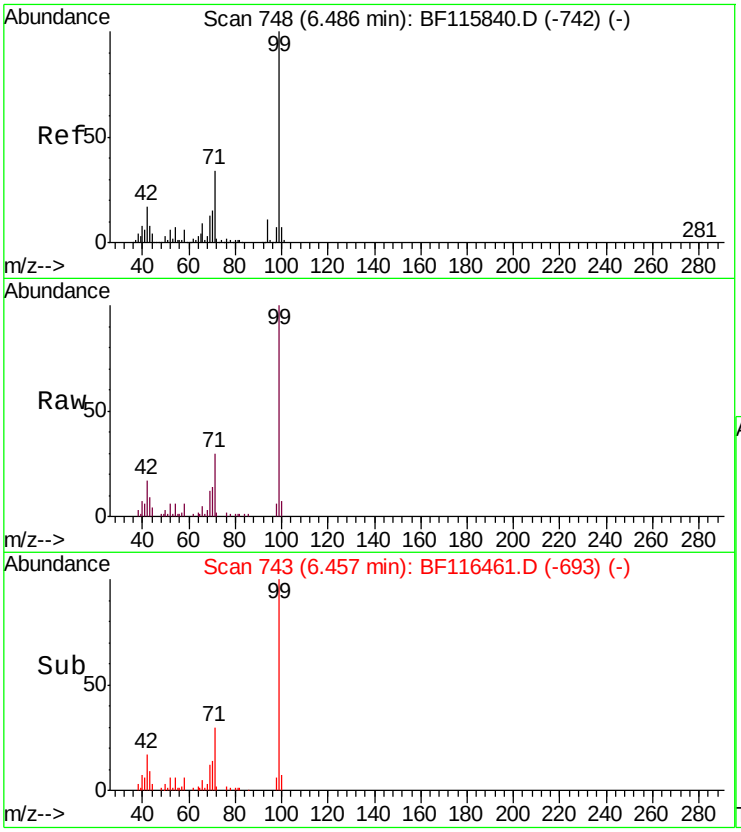


#5
2-Fluorophenol
Concen: 14.415 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion:112 Resp: 75845

Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.4	68.2
63	29.1	23.7	35.5



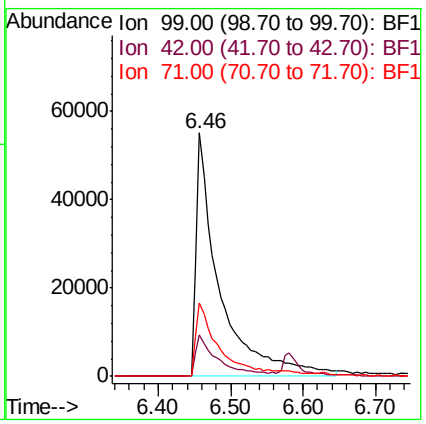


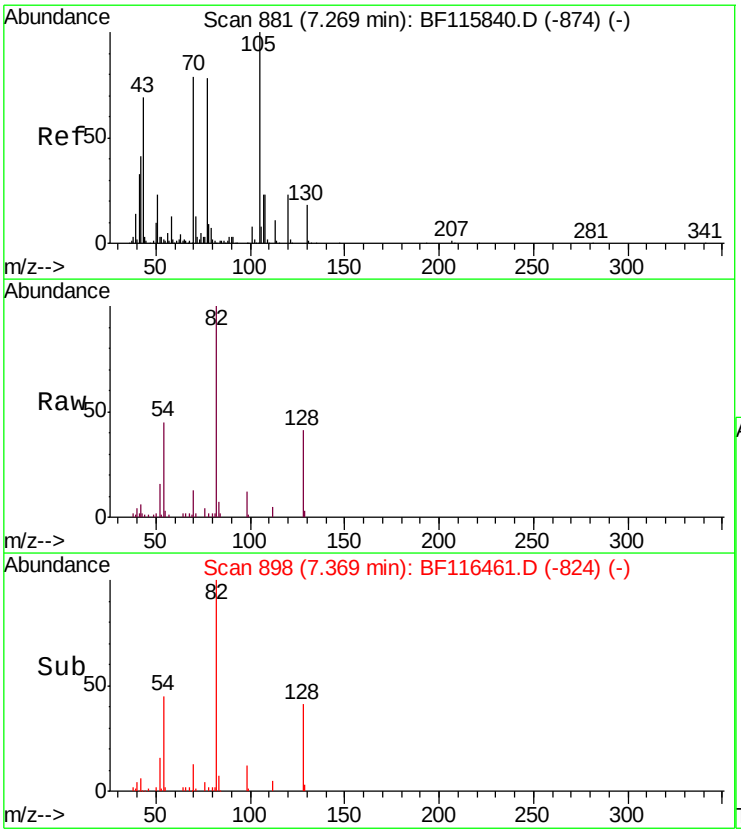
#7
Phenol-d6
Concen: 18.601 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 123476

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.8
71	30.2	27.3	40.9

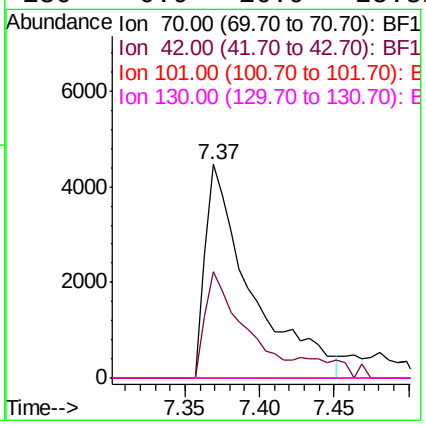


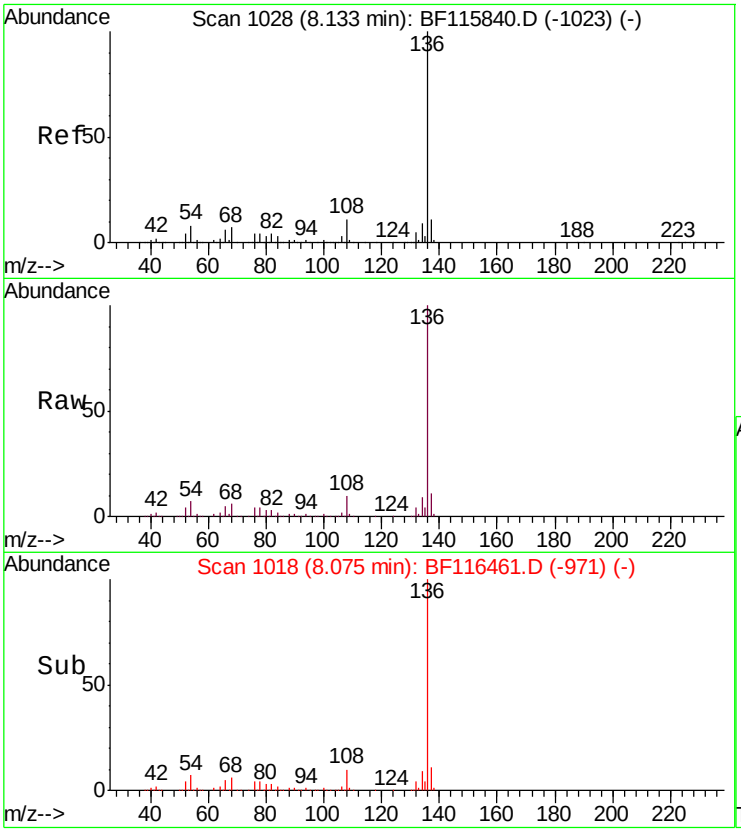


#19
n-Nitroso-di-n-propylamine
Concen: 2.327 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion: 70 Resp: 9571

Ion	Ratio	Lower	Upper
70	100		
42	49.6	40.9	61.3
101	0.0	7.9	11.9#
130	0.0	16.9	25.3#



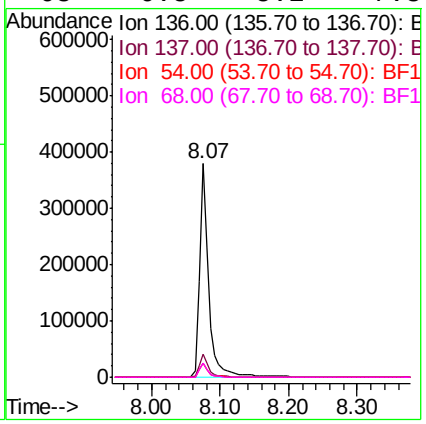


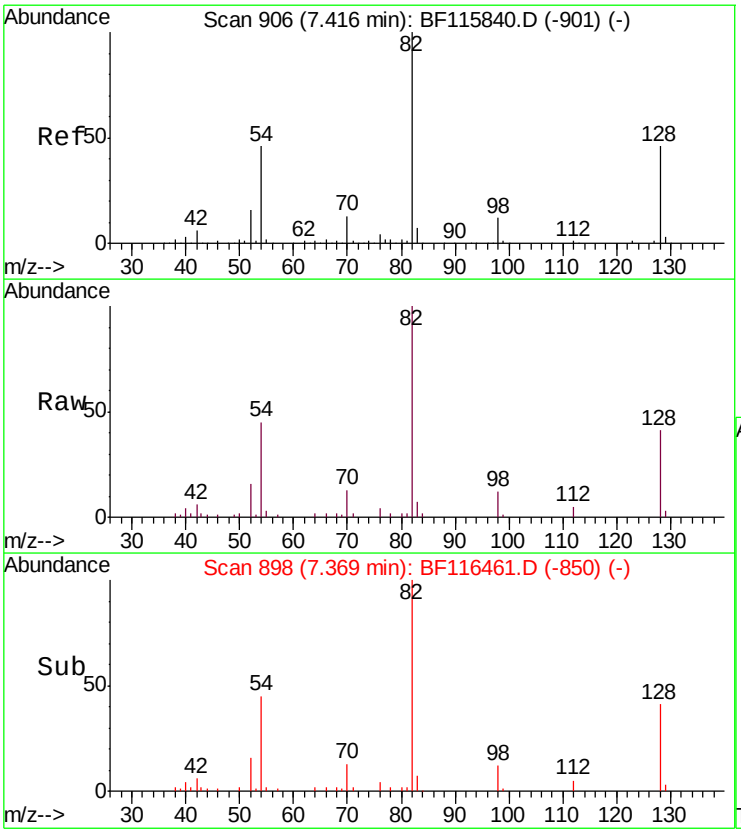
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 362236

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.9	5.8	8.6
68	6.5	5.2	7.8

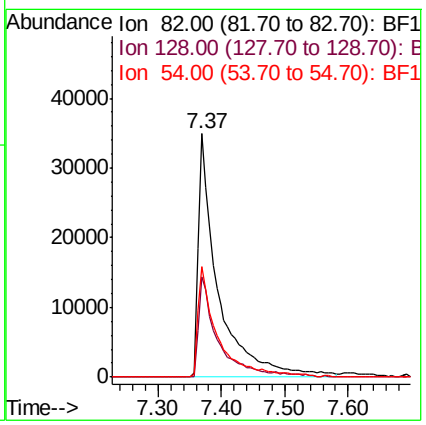


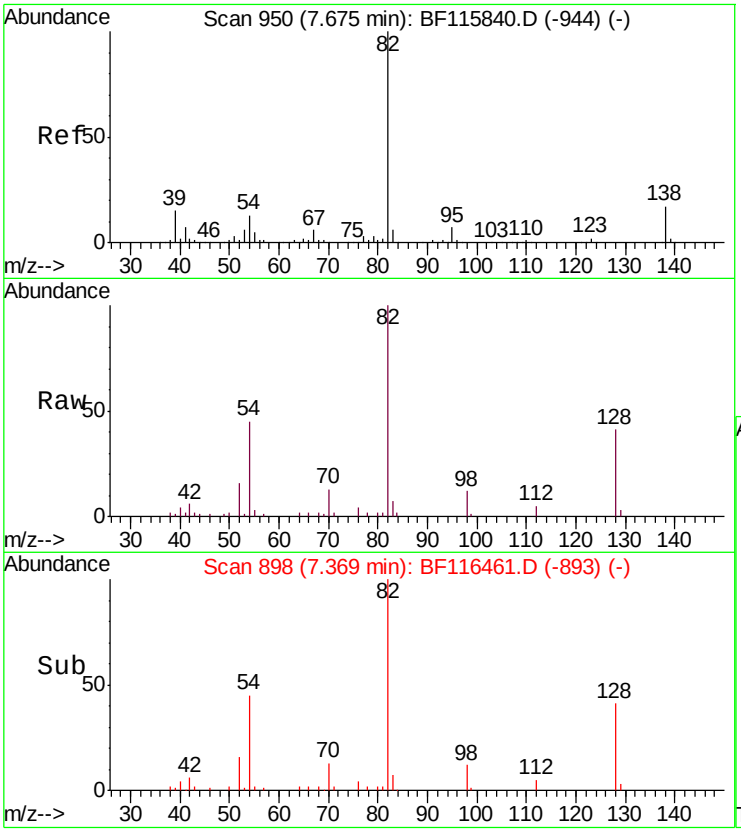


#23
Nitrobenzene-d5
Concen: 11.944 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion: 82 Resp: 74954

Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.5	54.7
54	45.2	36.0	54.0



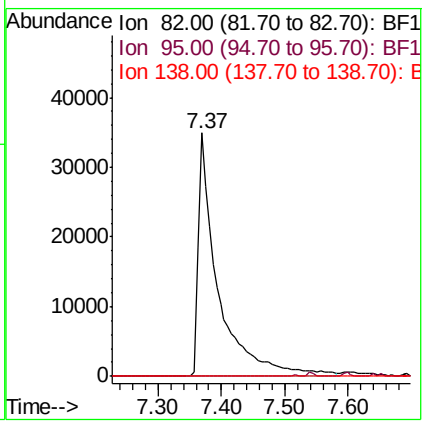


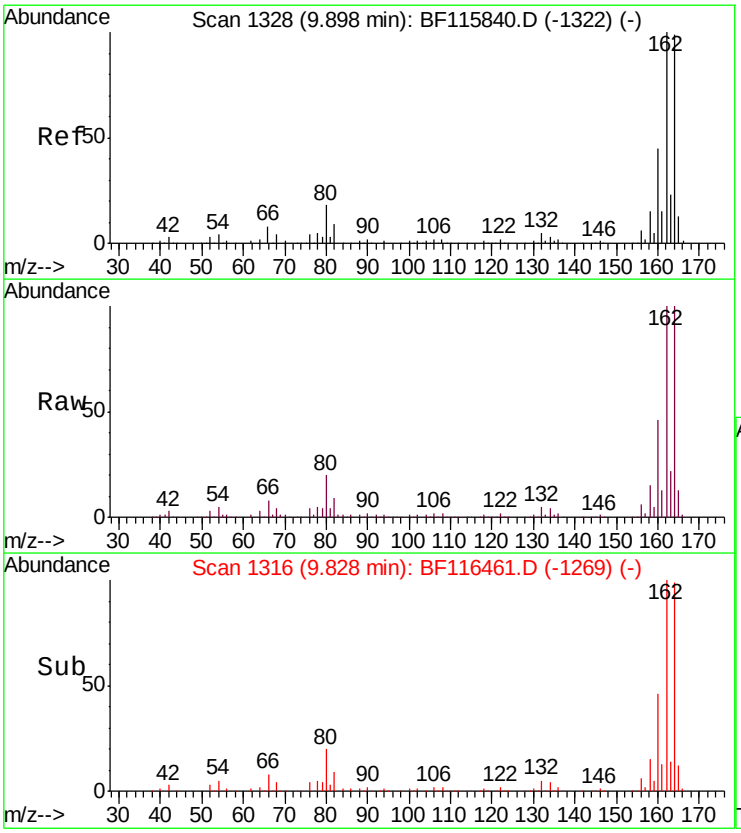
#25
Isophorone
Concen: 6.246 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 74954

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

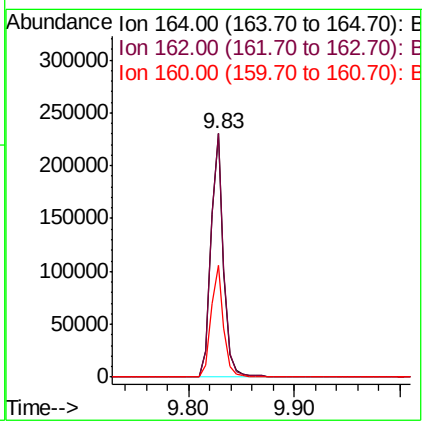


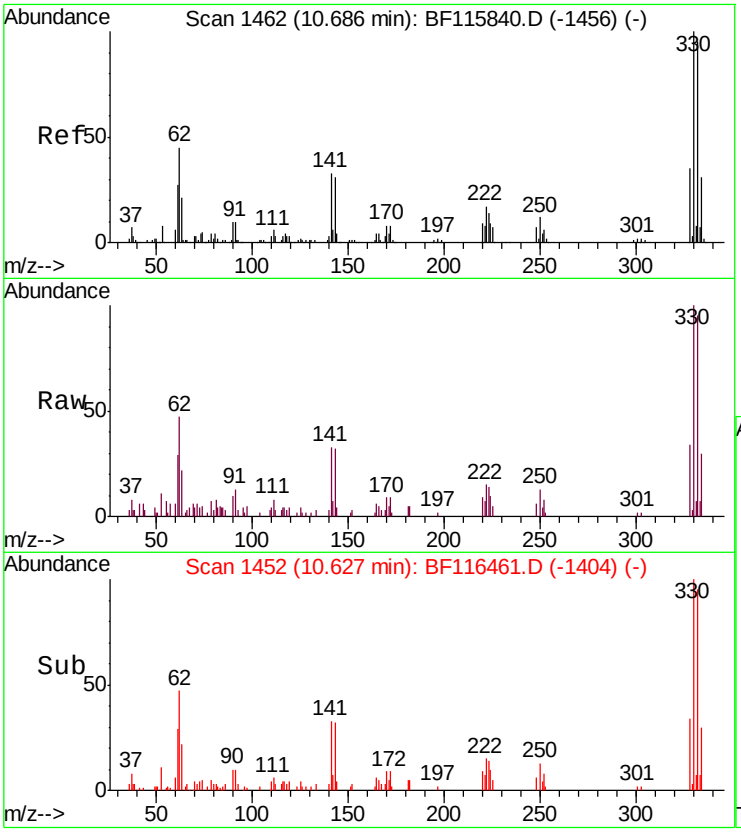


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion:164 Resp: 193610

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.6	124.0
160	45.7	37.6	56.4



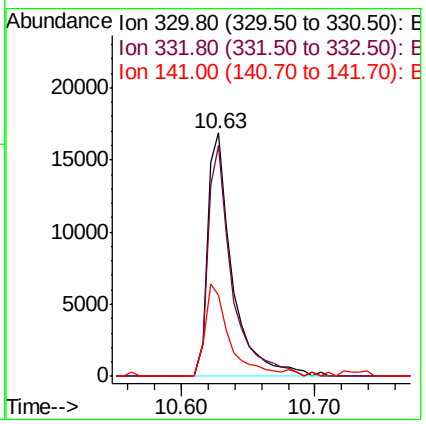


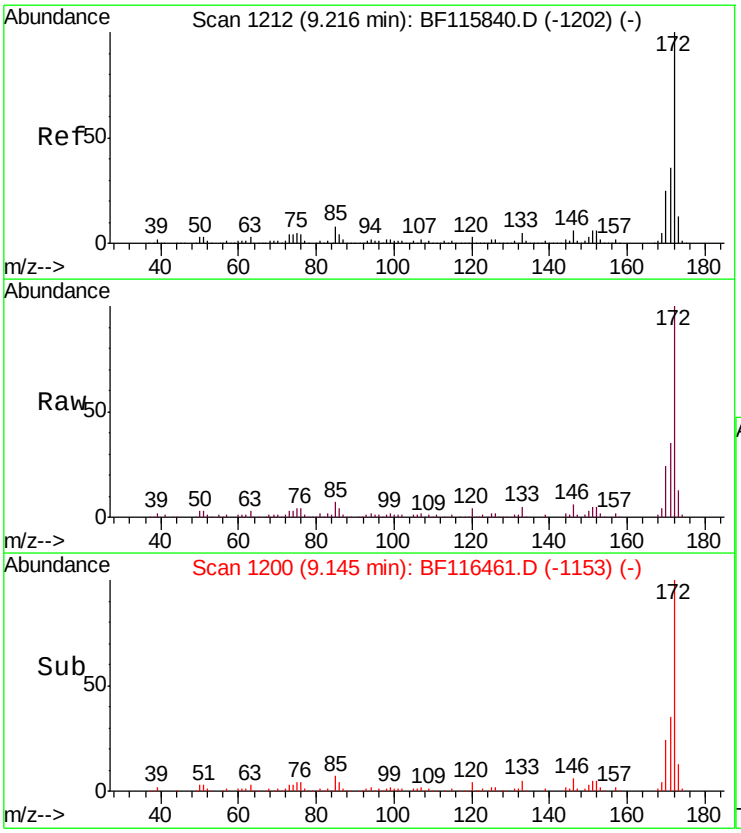
#42
2,4,6-Tribromophenol
Concen: 11.624 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 21820

Ion	Ratio	Lower	Upper
330	100		
332	92.4	76.8	115.2
141	38.4	26.3	39.5

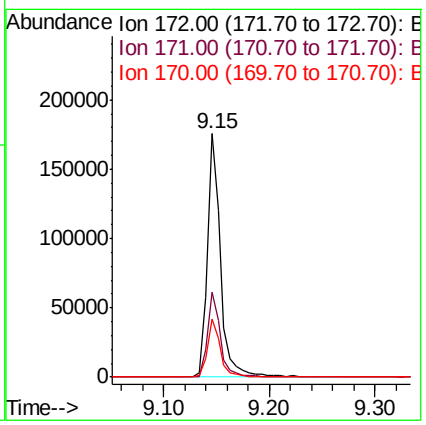


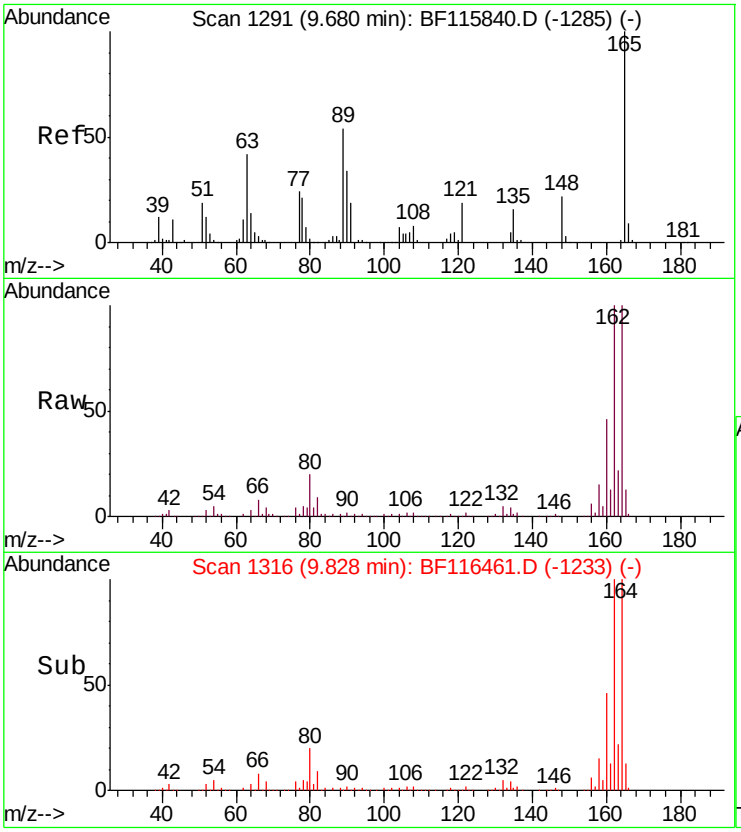


#45
2-Fluorobiphenyl
Concen: 14.835 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion:172 Resp: 153340

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.6	20.1	30.1



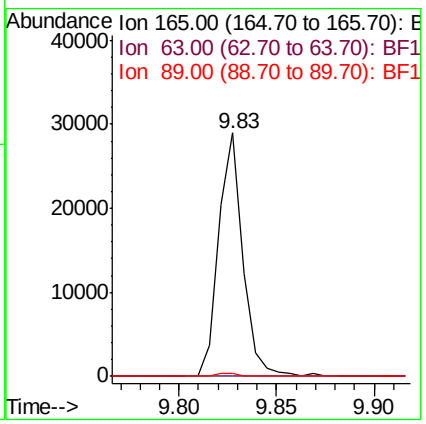


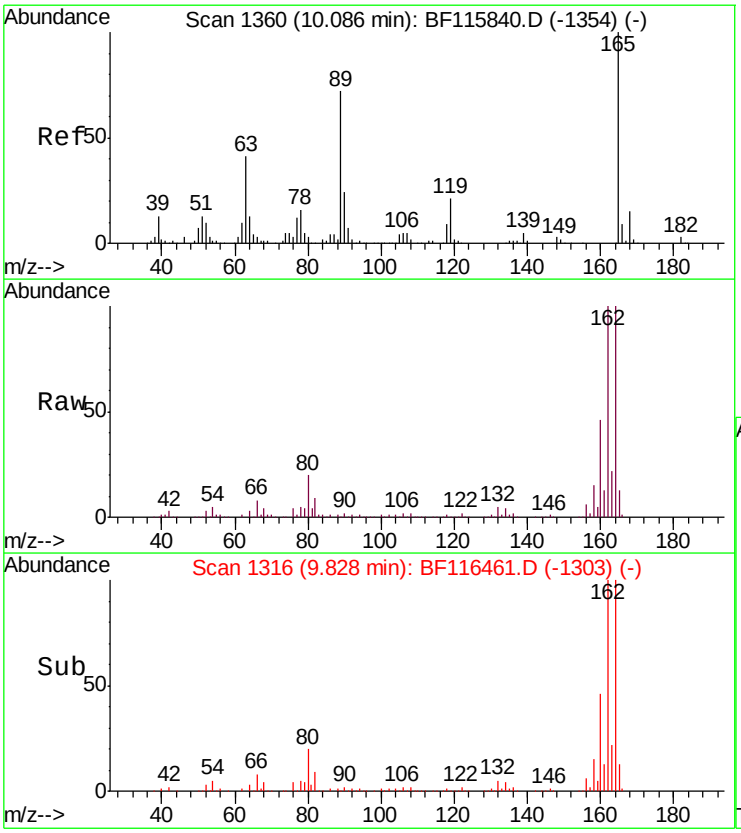
#51
2,6-Dinitrotoluene
Concen: 8.653 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24788

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.2	57.2#
89	1.3	42.9	64.3#

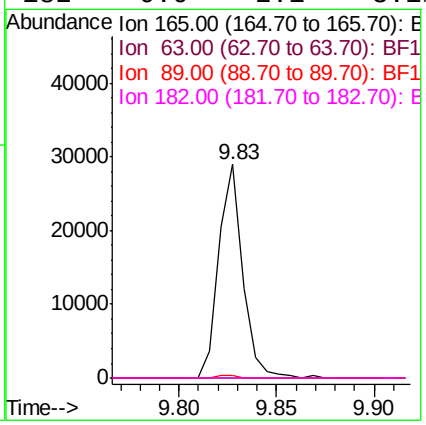


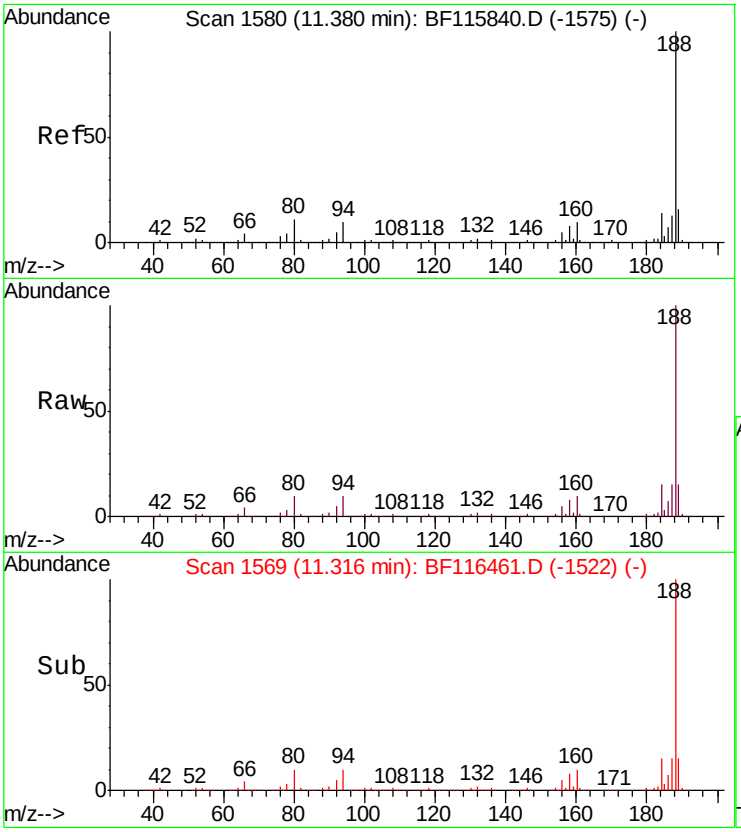


#57
2,4-Dinitrotoluene
Concen: 6.499 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.22 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion:165 Resp: 24788

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#



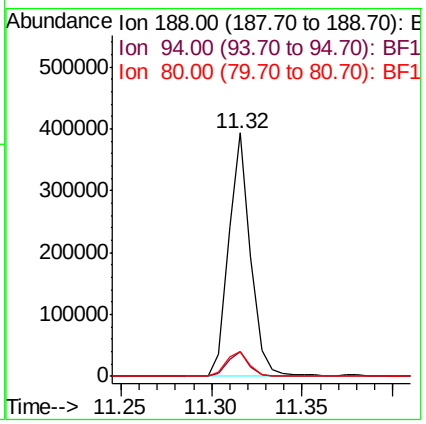


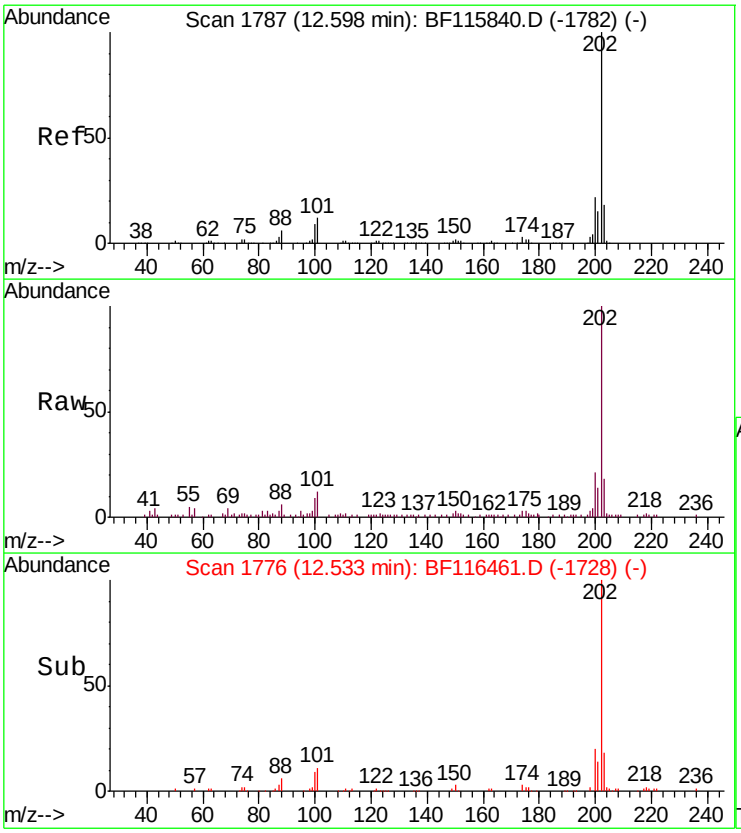
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 330910

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	10.3	8.7	13.1

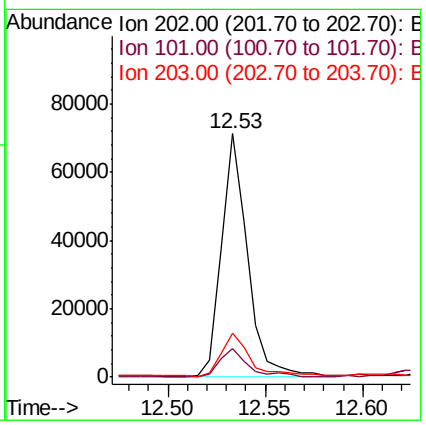


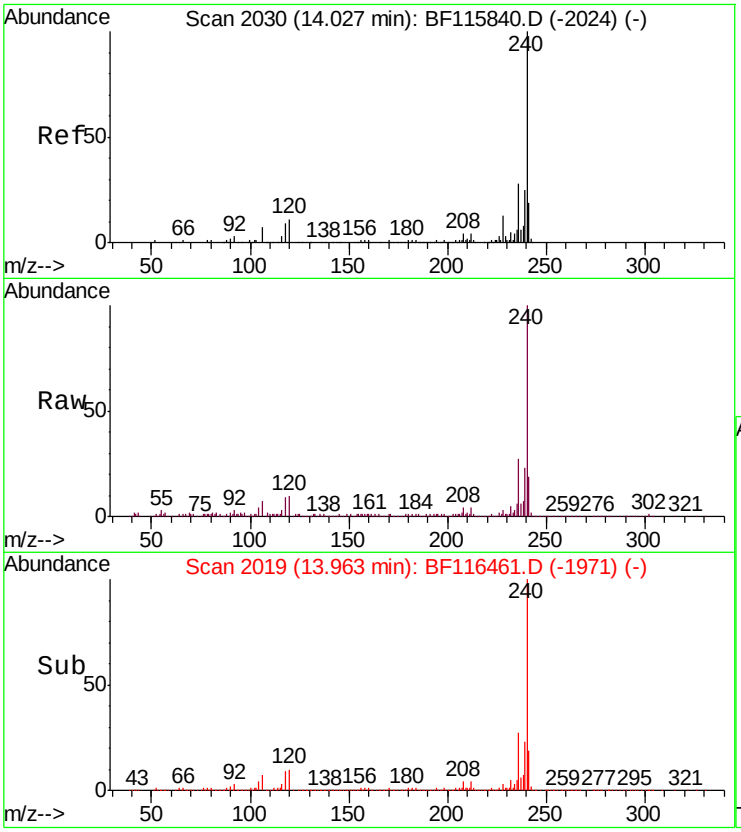


#75
Fluoranthene
Concen: 3.745 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion:202 Resp: 66333

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.2
203	18.0	0.0	37.8



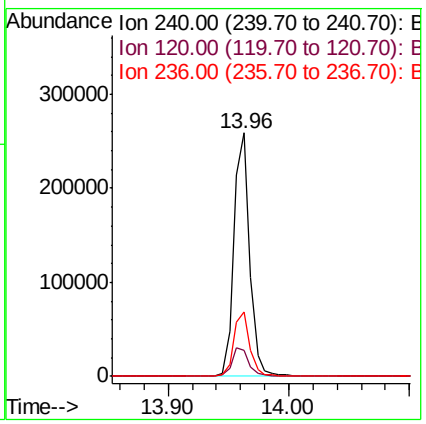


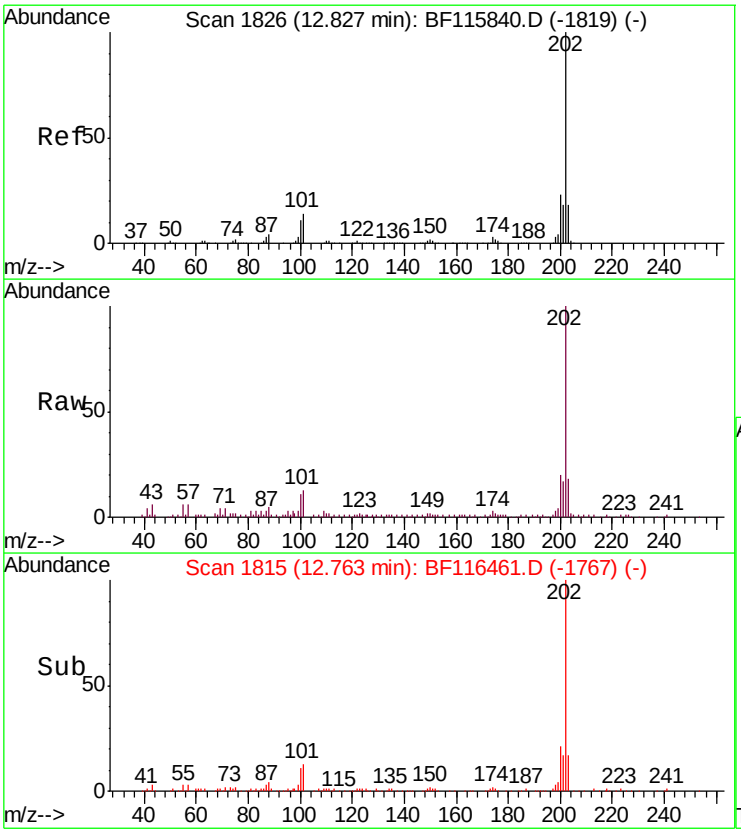
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 234301

Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.7	16.1#
236	26.7	22.2	33.2

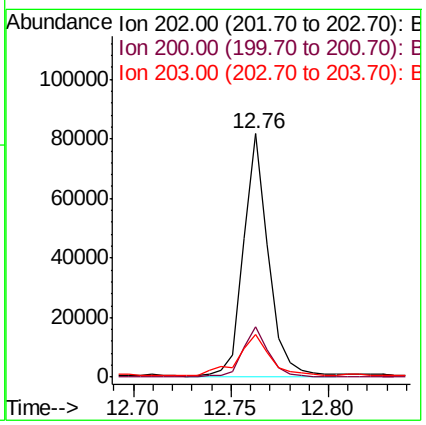


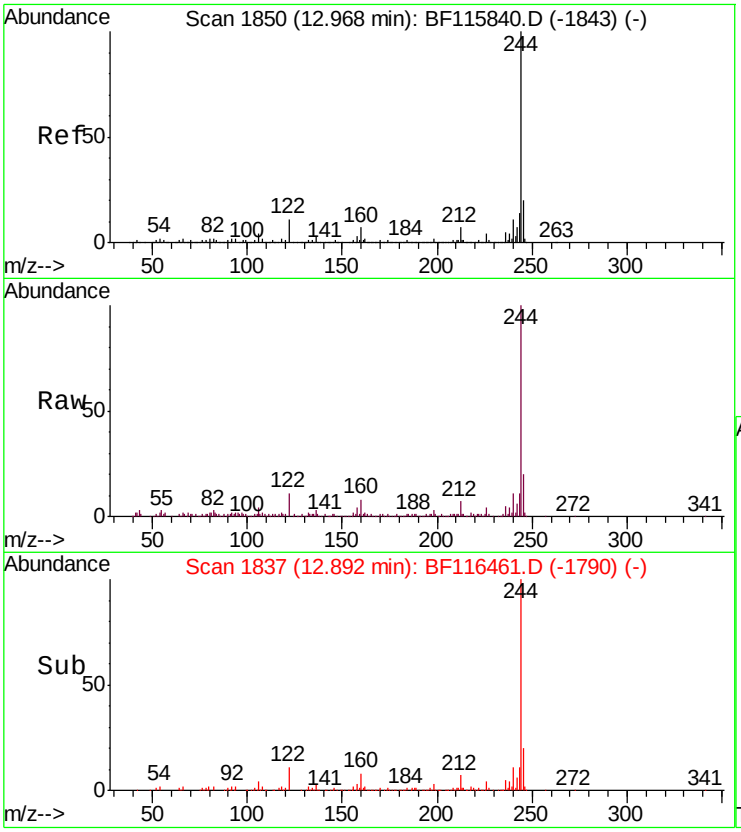


#78
Pyrene
Concen: 4.164 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion:202 Resp: 73537

Ion	Ratio	Lower	Upper
202	100		
200	20.4	18.0	27.0
203	17.6	14.1	21.1



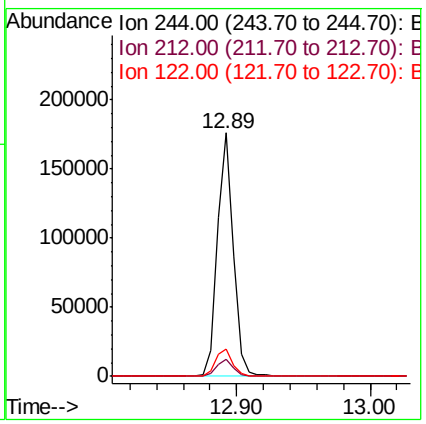


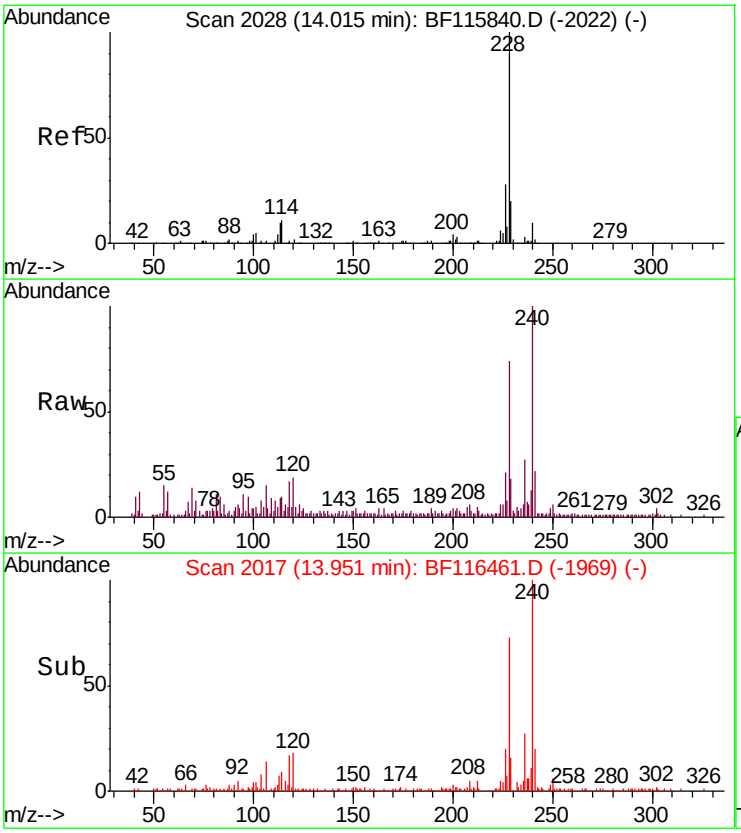
#79
Terphenyl-d14
Concen: 13.433 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 149368

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.2	9.0	13.4

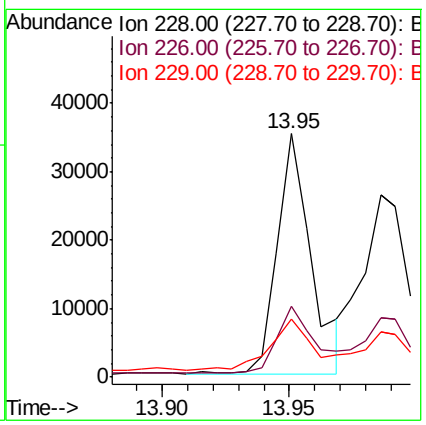


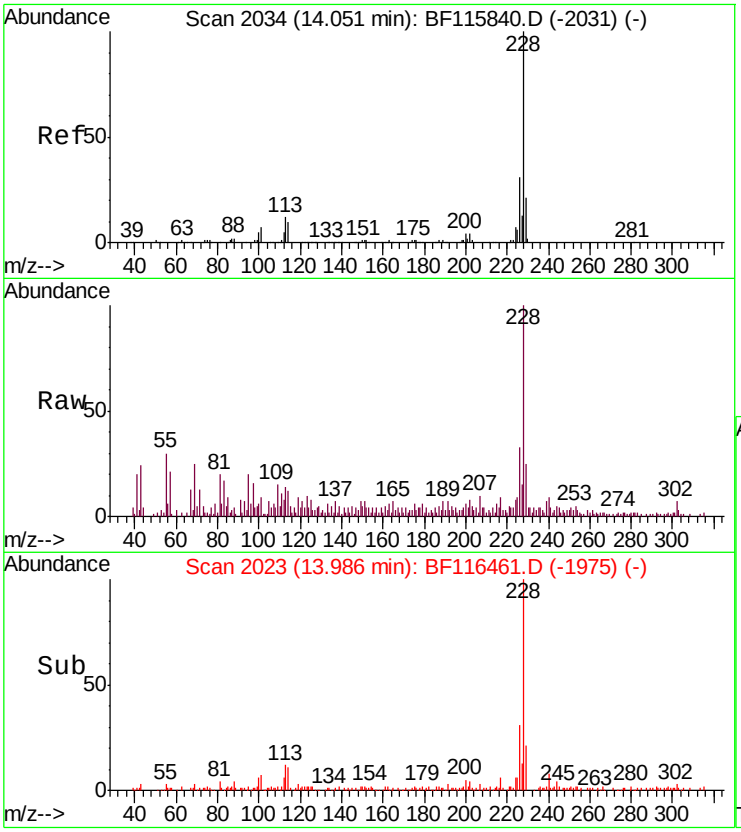


#81
Benzo(a)anthracene
Concen: 2.183 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion:228 Resp: 32687

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	23.9	16.2	24.4



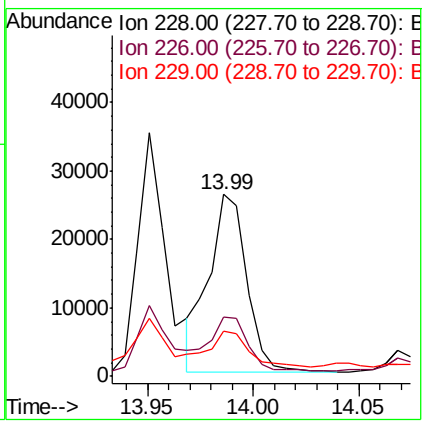


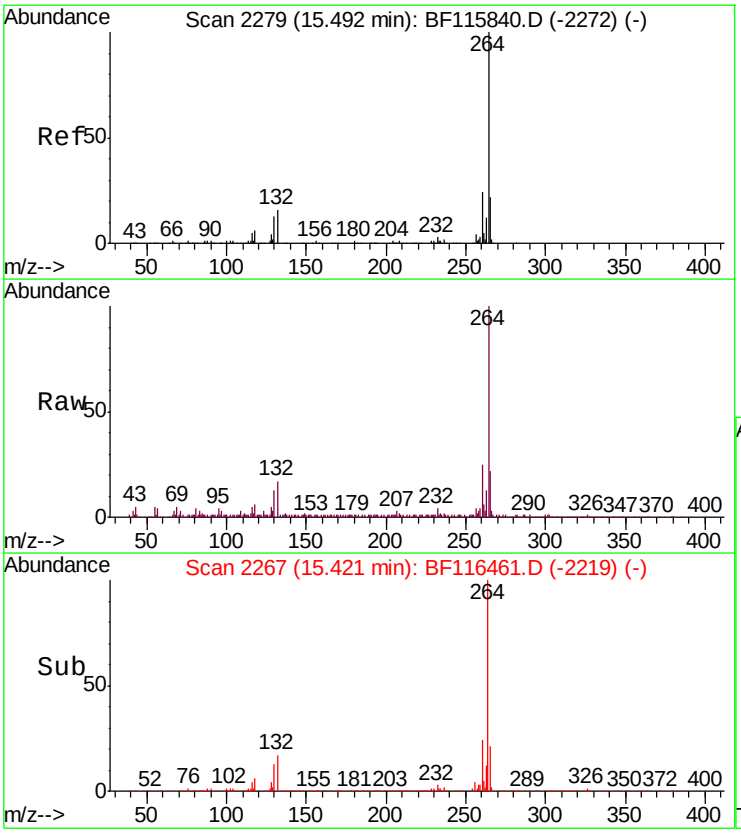
#83
Chrysene
Concen: 2.246 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 32658

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.5	38.3
229	24.8	16.6	24.8

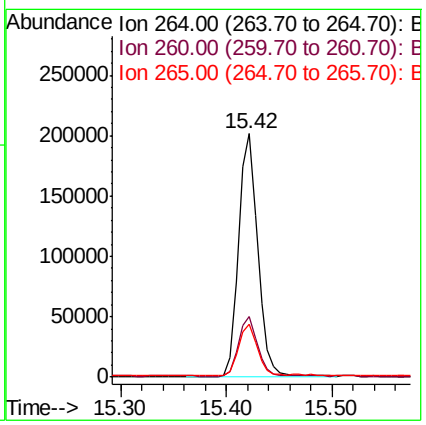


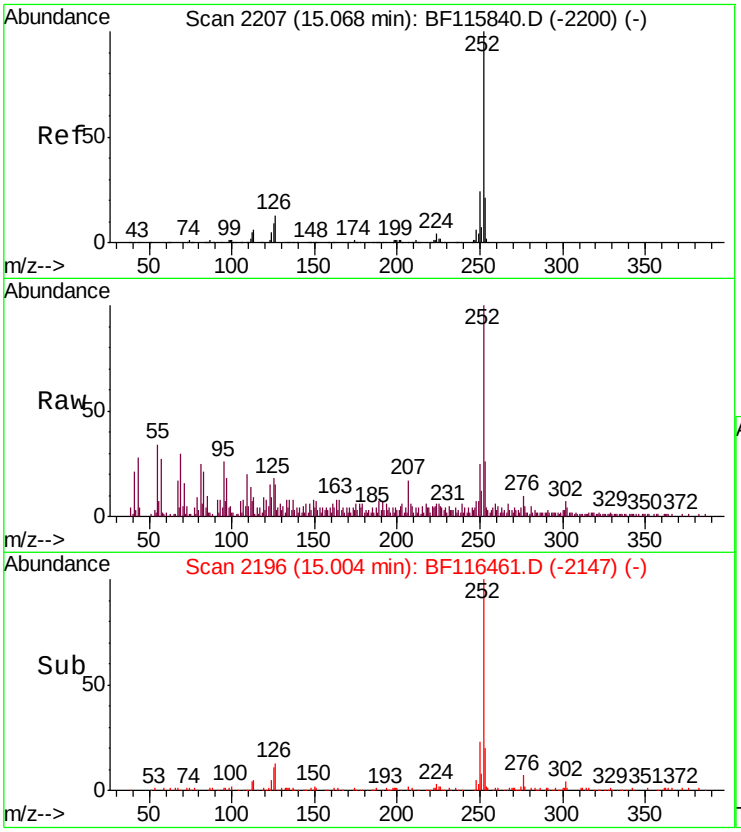


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion:264 Resp: 248105

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.7	17.4	26.0



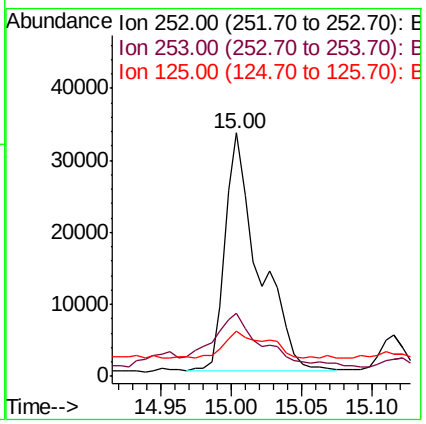


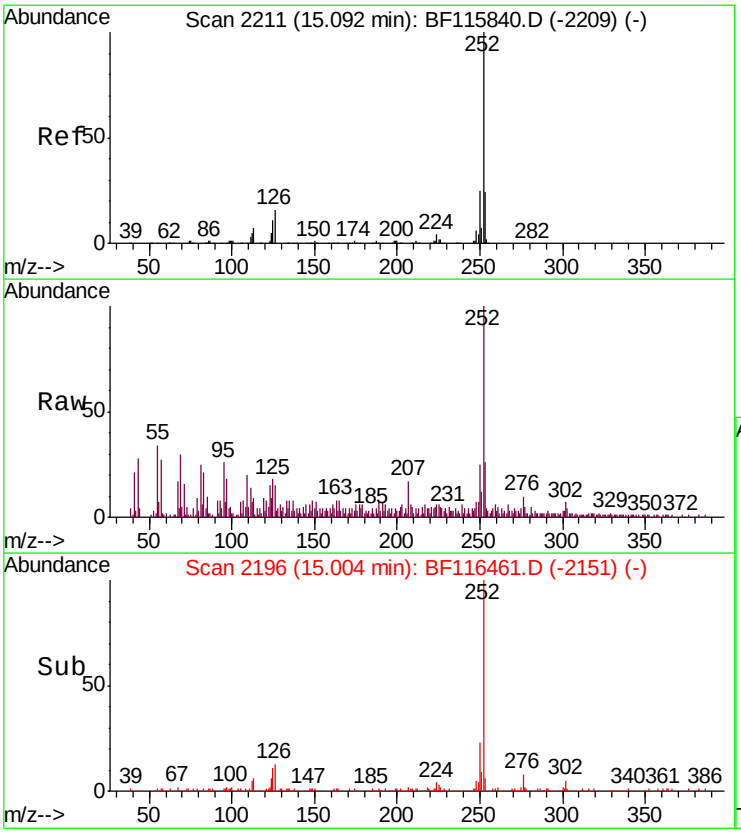
#88
Benzo(b)fluoranthene
Concen: 3.822 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 54826

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.8
125	18.4	8.4	12.6#

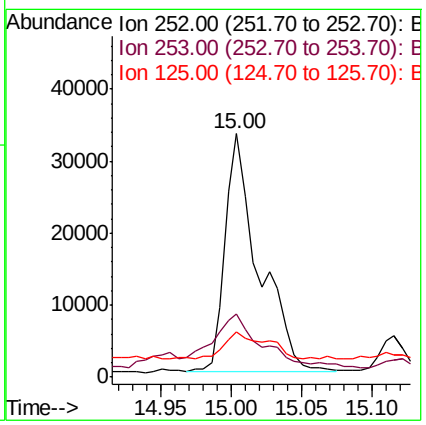


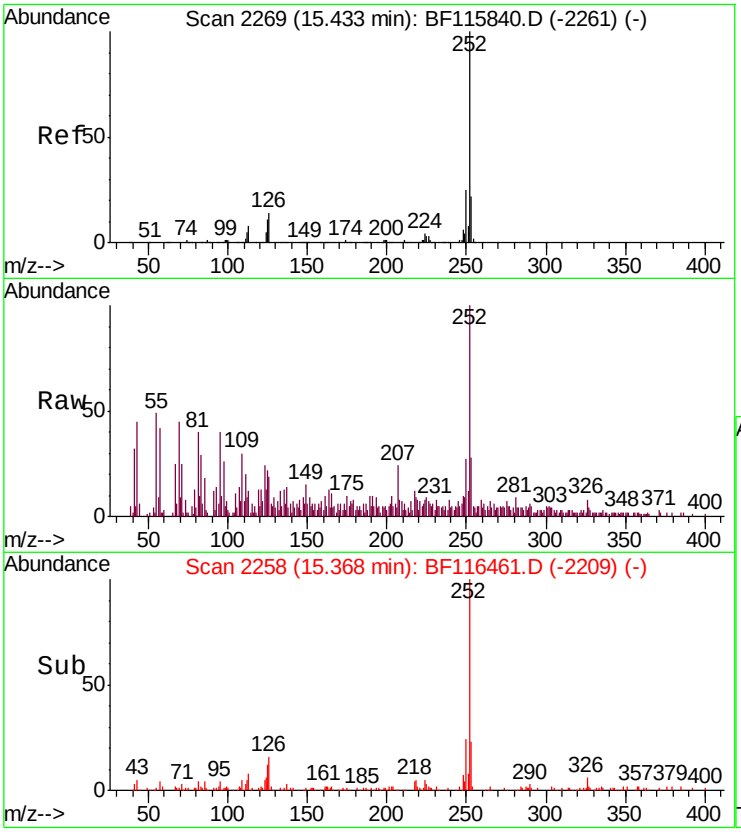


#89
Benzo(k)fluoranthene
Concen: 3.924 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion:252 Resp: 54826

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.8
125	18.4	7.7	11.5#





#90
Benzo(a)pyrene
Concen: 2.028 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 26006

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.0	27.0#
125	22.1	8.9	13.3#