Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114535.D
Acq On : 23 May 2019 20:42
Operator : JU/SJ
Sample : K2RE971-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 24 07:19:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:49:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	177869	20.00	ng		-0.03
21) Naphthalene-d8	8.09	136	705442	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	342975	20.00	ng		-0.03
64) Phenanthrene-d10	11.33	188	719311	20.00	ng		-0.02
76) Chrysene-d12	13.98	240	605235	20.00	ng		-0.02
87) Perylene-d12	15.44	264	595987	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	486741	44.04	ng		-0.03
7) Phenol-d6	6.45	99	688188	52.64	ng		-0.04
23) Nitrobenzene-d5	7.37	82	393426	31.30	ng		-0.03
42) 2,4,6-Tribromophenol	10.64	330	175445	49.48	ng		-0.02
45) 2-Fluorobiphenyl	9.17	172	750533	33.10	ng		-0.02
79) Terphenyl-d14	12.92	244	874530	29.79	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	50438	6.087	ng	#	76
25) Isophorone	7.37	82	393423	16.876	ng	#	64
50) Dimethylphthalate	9.56	163	109678	4.356	ng		99
51) 2,6-Dinitrotoluene	9.85	165	42929	7.687	ng	#	22
57) 2,4-Dinitrotoluene	9.85	165	42929	5.664	ng	#	25
71) Phenanthrene	11.36	178	202330	5.782	ng		98
75) Fluoranthene	12.55	202	381187	10.115	ng		98
78) Pyrene	12.78	202	317303	6.517	ng		97
81) Benzo(a)anthracene	13.97	228	157288	4.018	ng		98
83) Chrysene	14.00	228	123881	3.228	ng		98
88) Benzo(b)fluoranthene	15.02	252	204812	5.364	ng	#	98
89) Benzo(k)fluoranthene	15.02	252	204364	5.827	ng		97
90) Benzo(a)pyrene	15.38	252	107306	3.193	ng		99

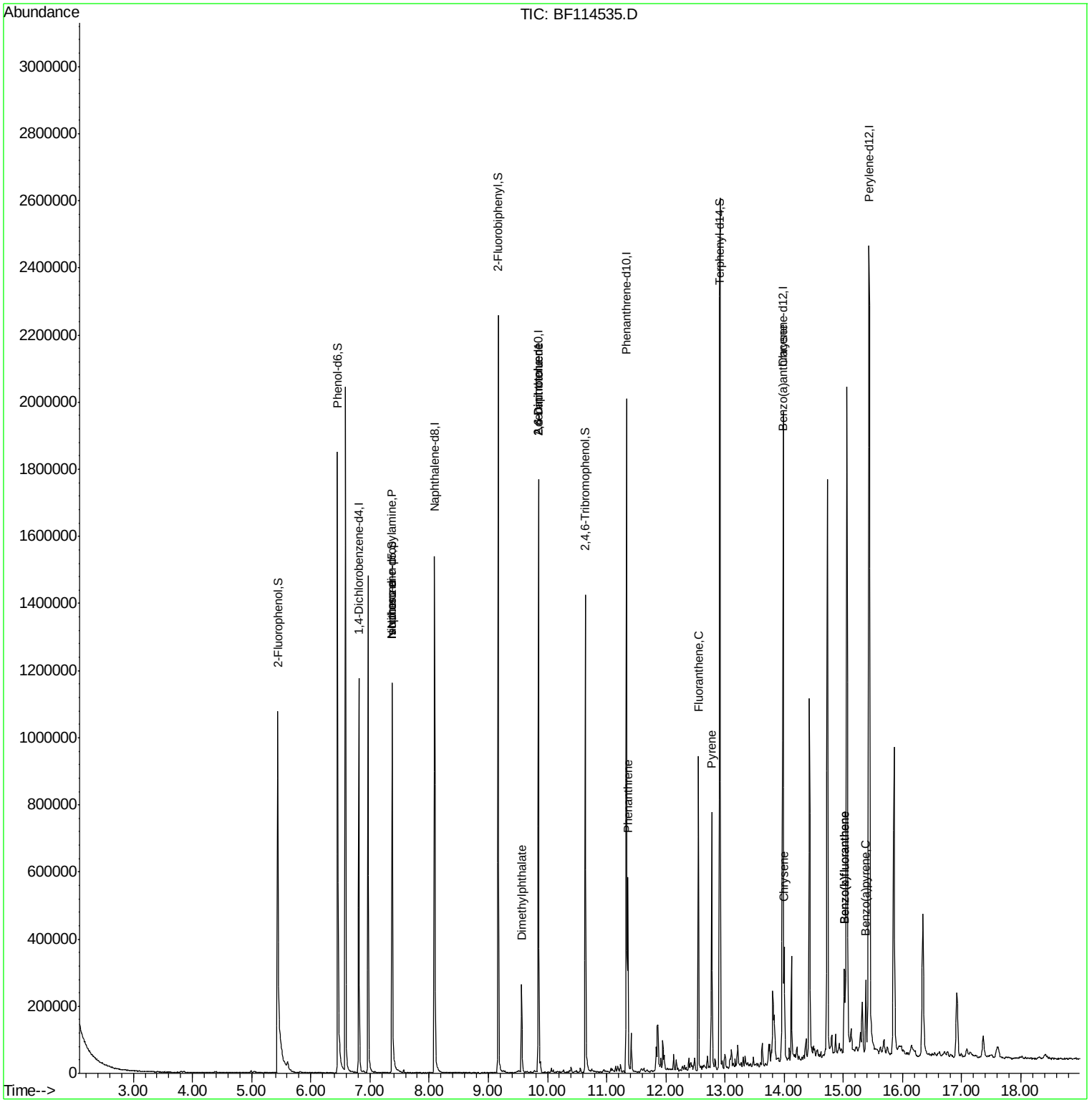
(#) = qualifier out of range (m) = manual integration (+) = signals summed

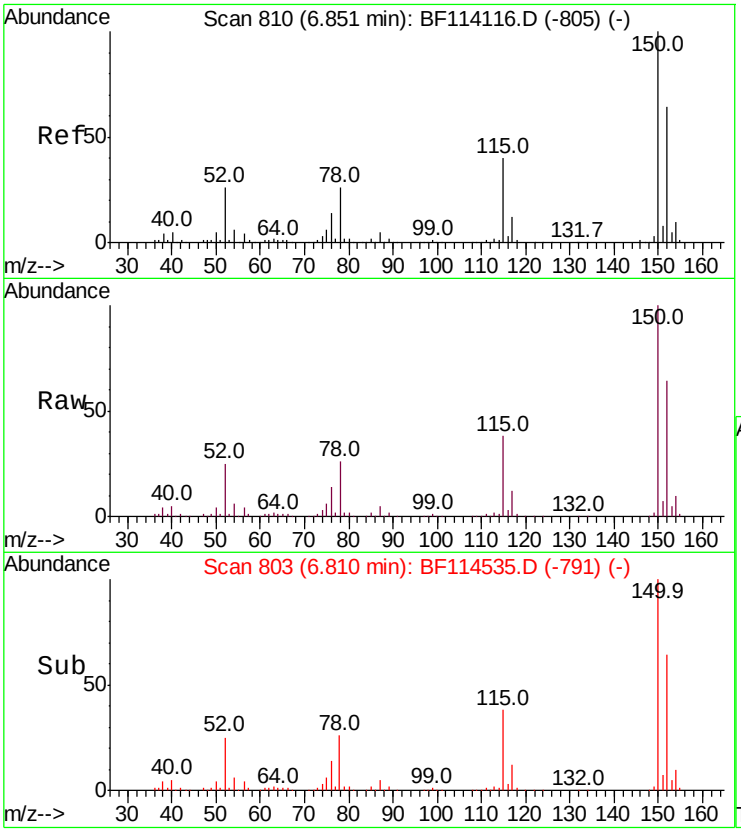
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114535.D
Acq On : 23 May 2019 20:42
Operator : JU/SJ
Sample : K2RE971-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 24 07:19:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:49:15 2019
Response via : Initial Calibration



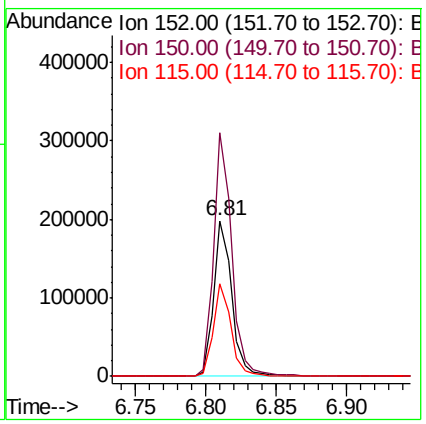


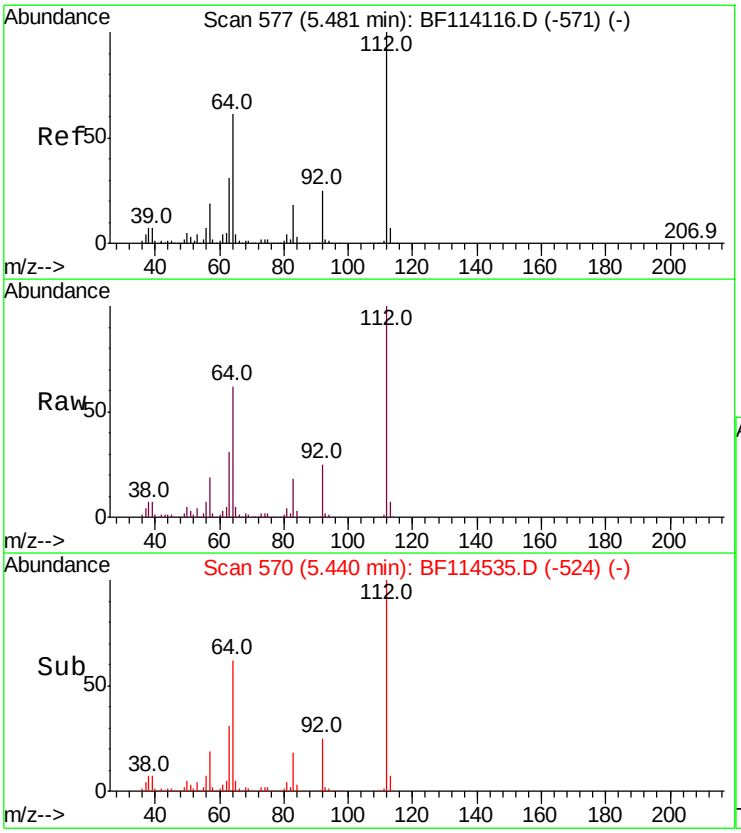
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 177869

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.3	186.5
115	59.0	49.1	73.7

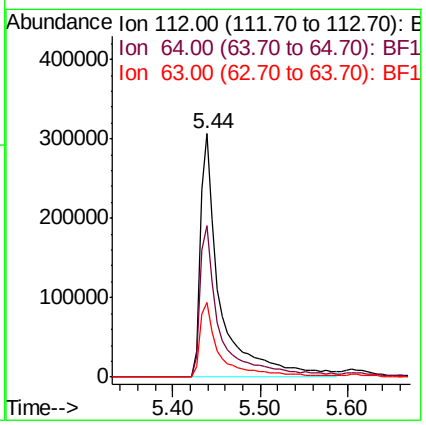


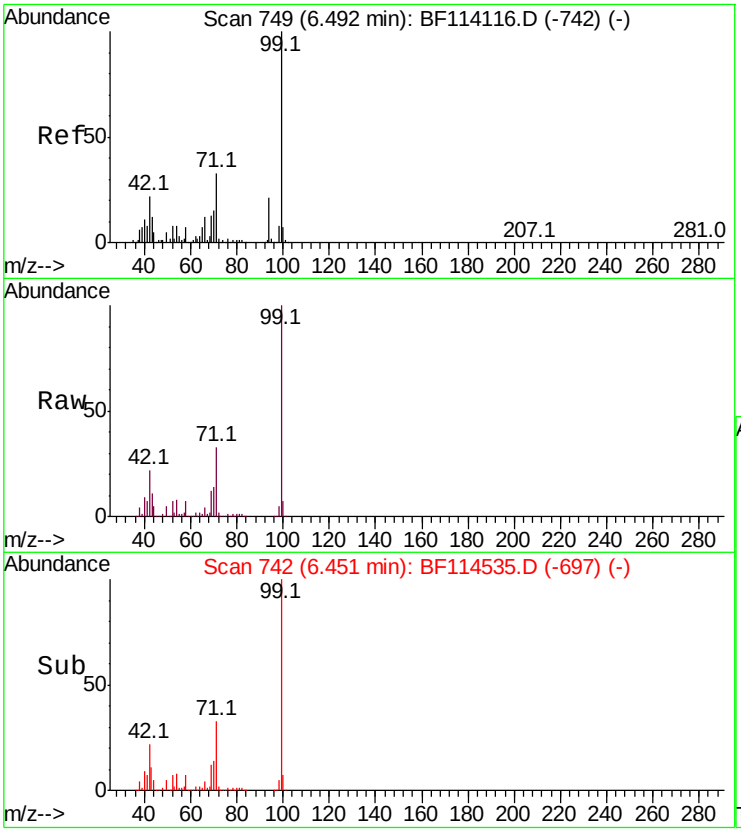


#5
2-Fluorophenol
Concen: 44.038 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion:112 Resp: 486741

Ion	Ratio	Lower	Upper
112	100		
64	62.2	49.0	73.6
63	30.7	24.6	37.0



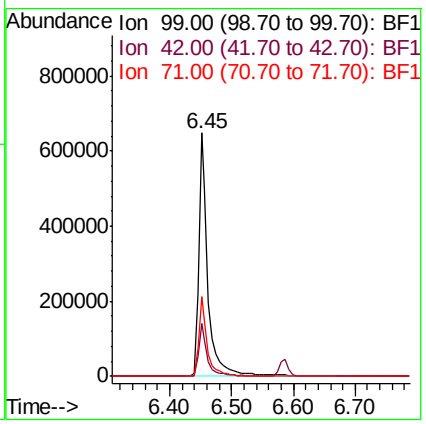


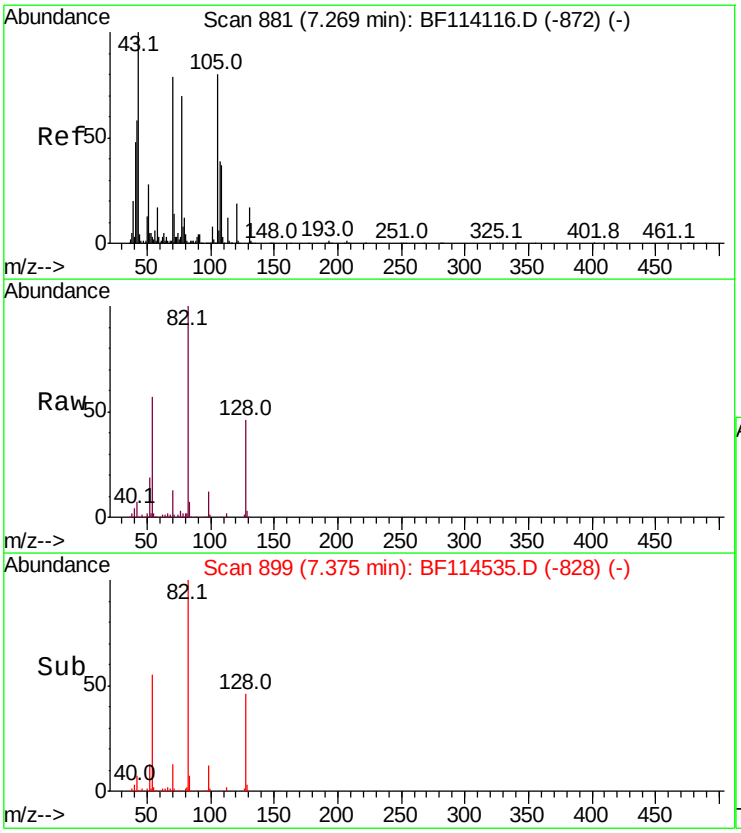
#7
Phenol-d6
Concen: 52.644 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.04 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 688188

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.9	26.9
71	32.5	26.2	39.2

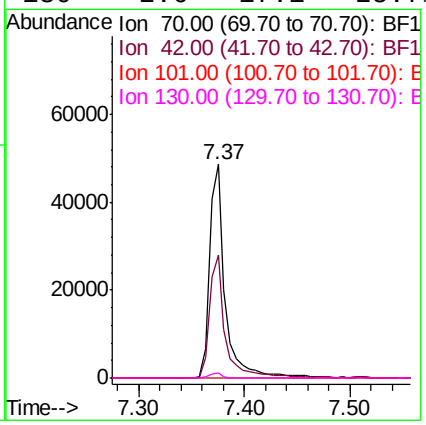


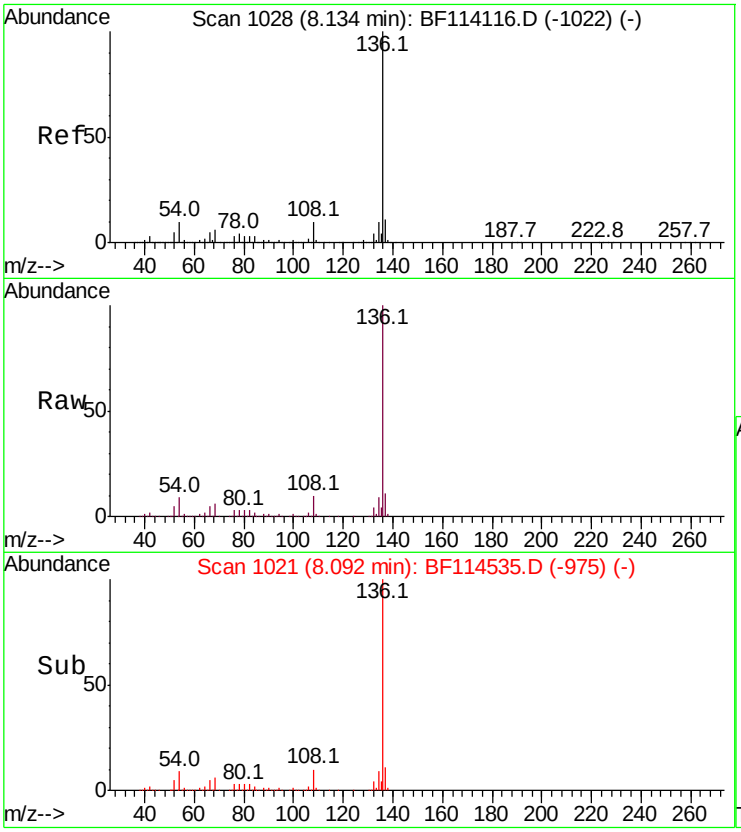


#19
n-Nitroso-di-n-propylamine
Concen: 6.087 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.12 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion: 70 Resp: 50438

Ion	Ratio	Lower	Upper
70	100		
42	57.7	58.6	87.8#
101	0.0	7.8	11.8#
130	2.6	17.1	25.7#



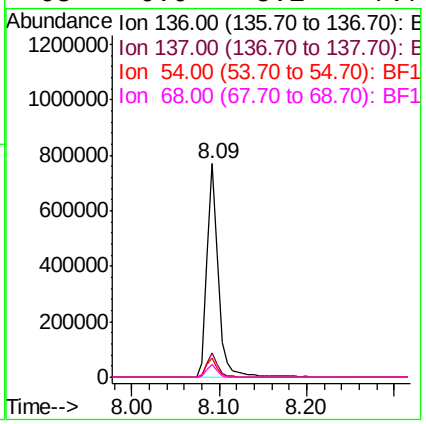


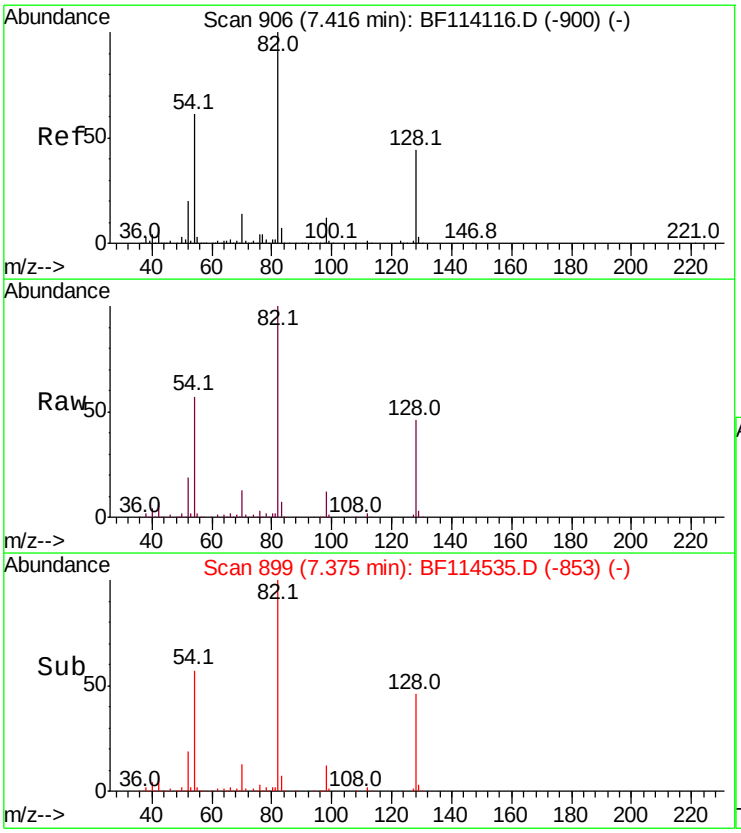
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 705442

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.8	7.8	11.8
68	6.0	5.1	7.7

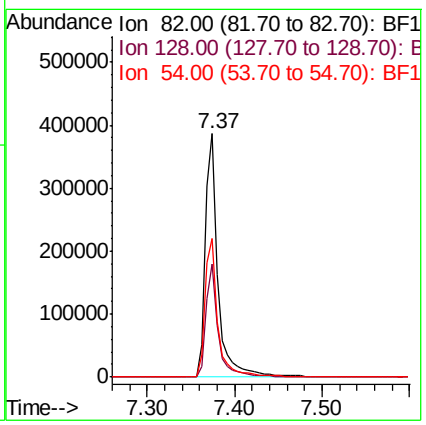


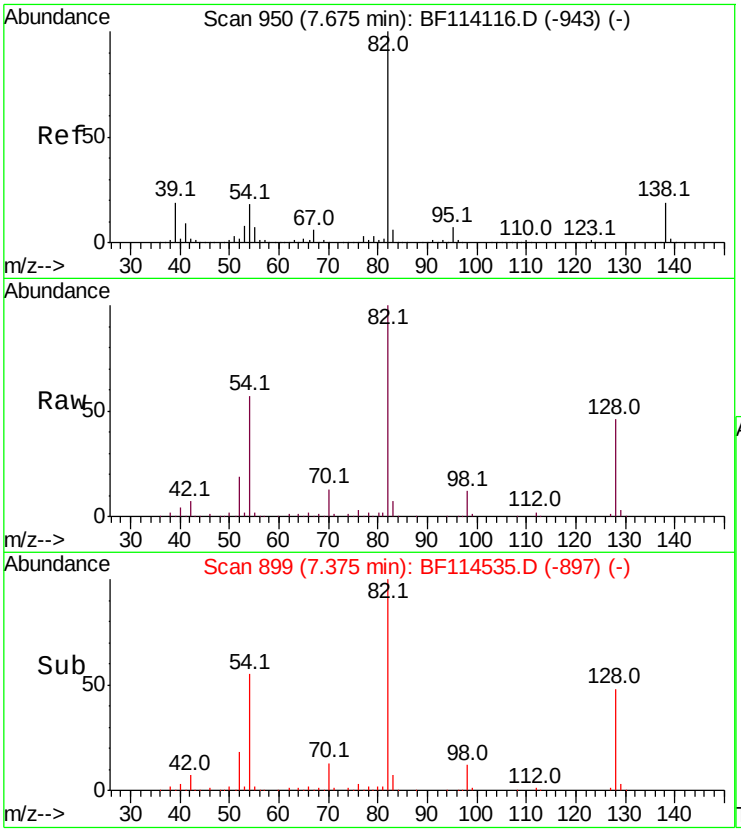


#23
Nitrobenzene-d5
Concen: 31.298 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.03 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion: 82 Resp: 393426

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.5	53.3
54	57.0	48.5	72.7



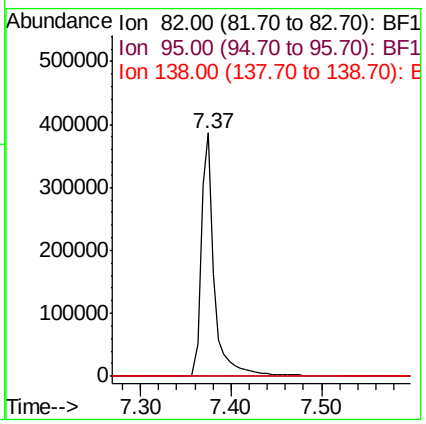


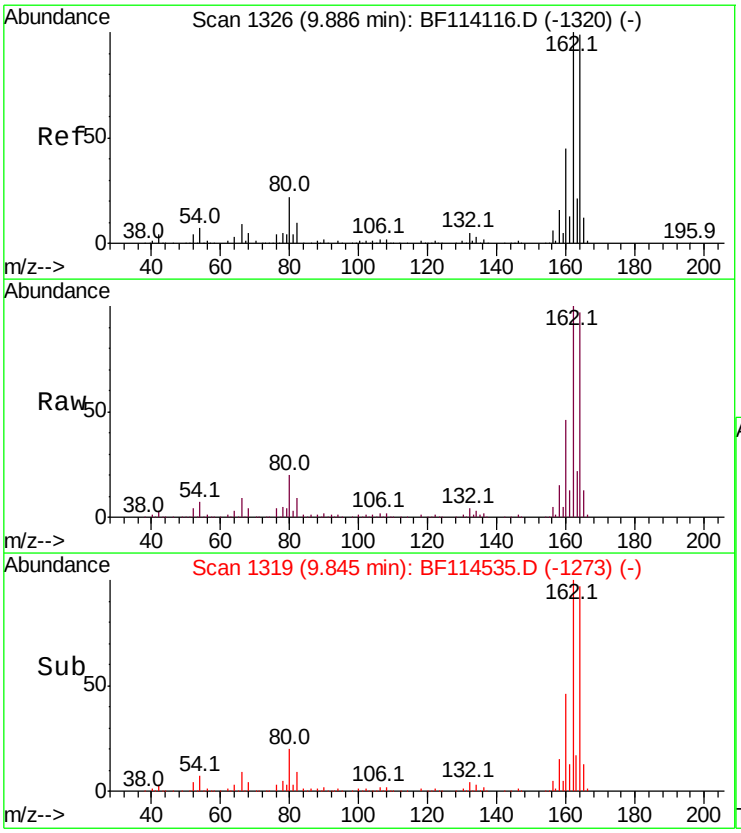
#25
Isophorone
Concen: 16.876 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.29 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 393423

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

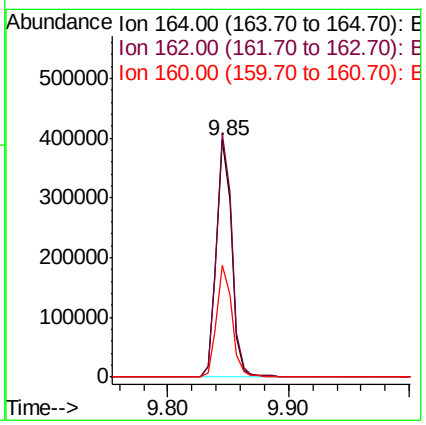


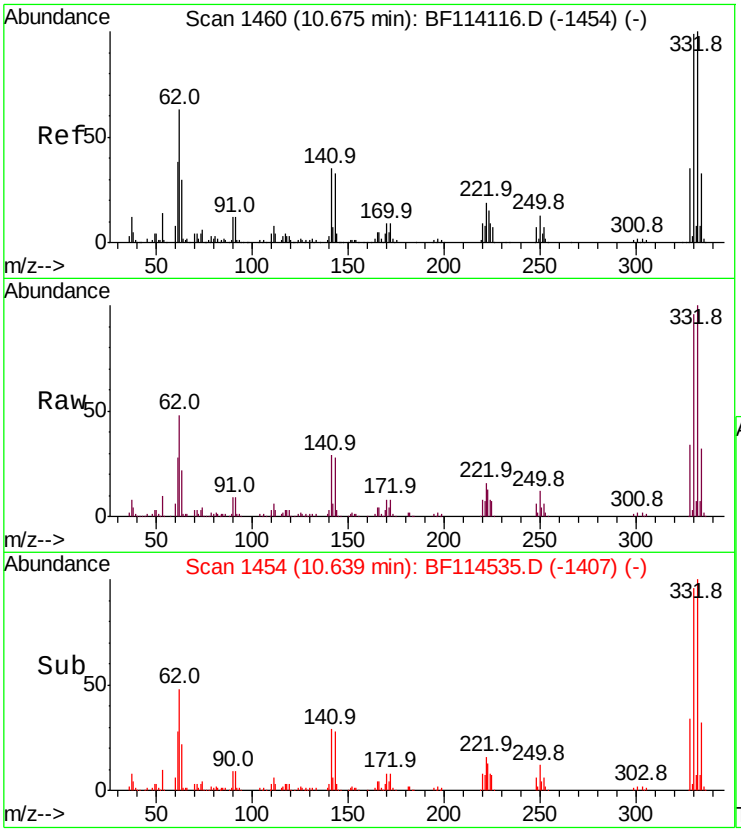


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion:164 Resp: 342975

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	47.3	36.5	54.7



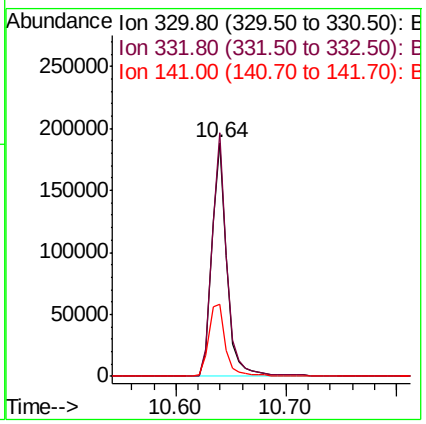


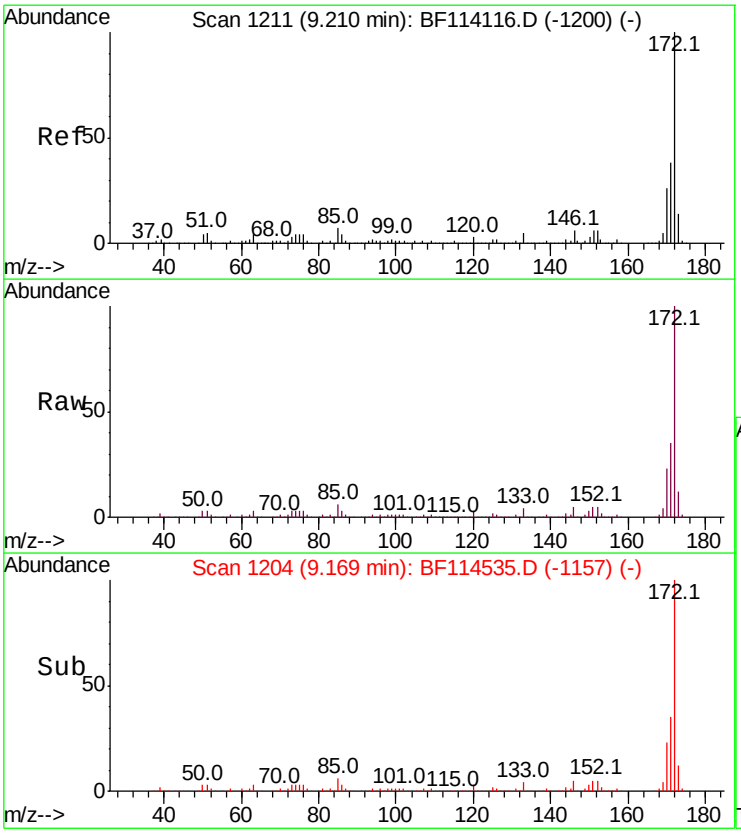
#42
2,4,6-Tribromophenol
Concen: 49.480 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.02 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 175445

Ion	Ratio	Lower	Upper
330	100		
332	102.8	81.4	122.2
141	34.6	26.6	40.0

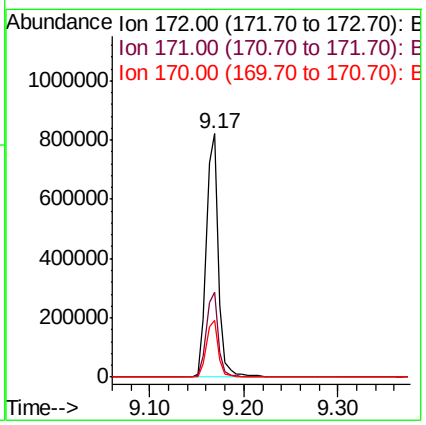


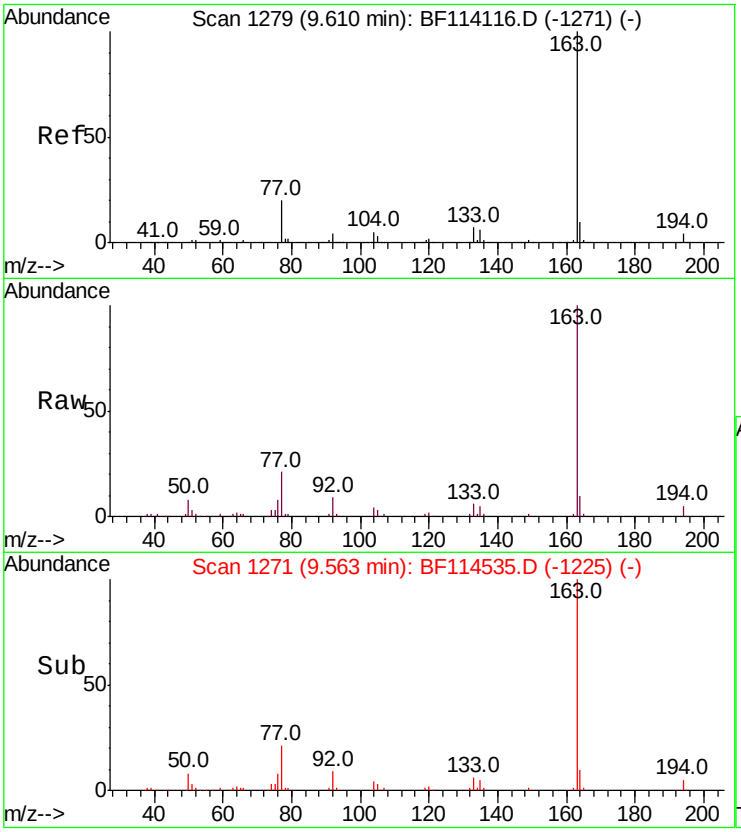


#45
2-Fluorobiphenyl
Concen: 33.102 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion:172 Resp: 750533

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.7	46.1
170	23.2	20.5	30.7



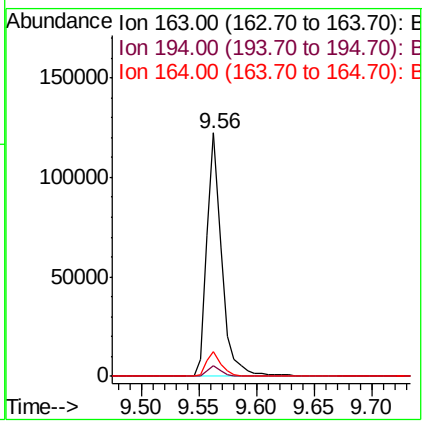


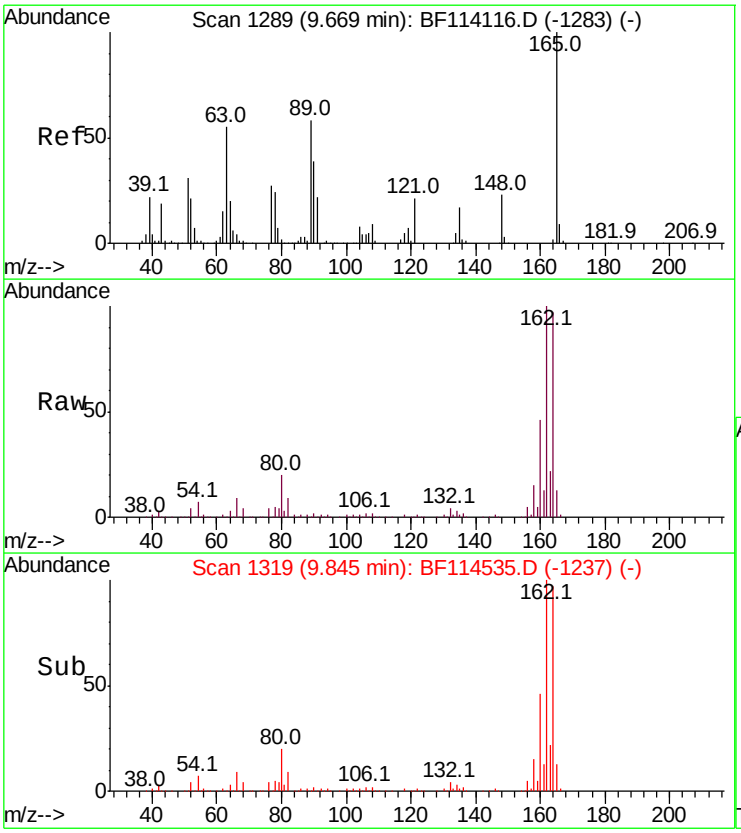
#50
Dimethylphthalate
Concen: 4.356 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 109678

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.4	8.2	12.2

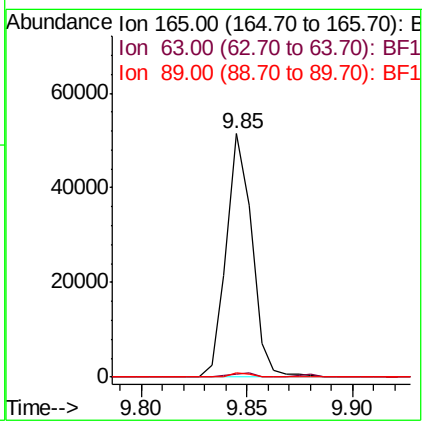


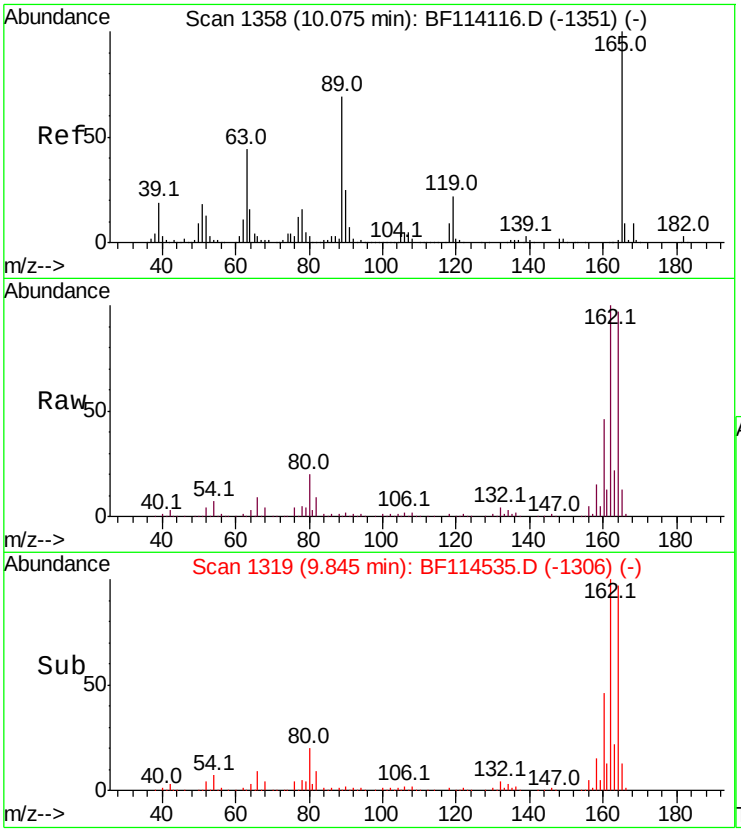


#51
2,6-Dinitrotoluene
Concen: 7.687 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.18 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion:165 Resp: 42929

Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.2	75.4#
89	1.5	46.6	69.8#



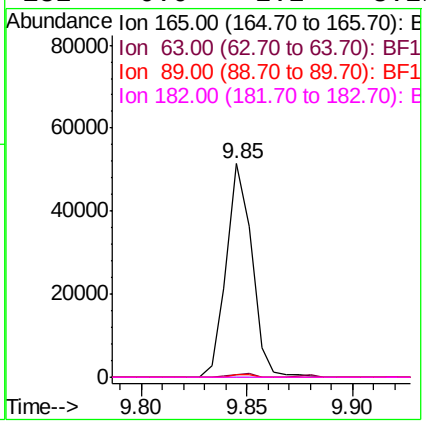


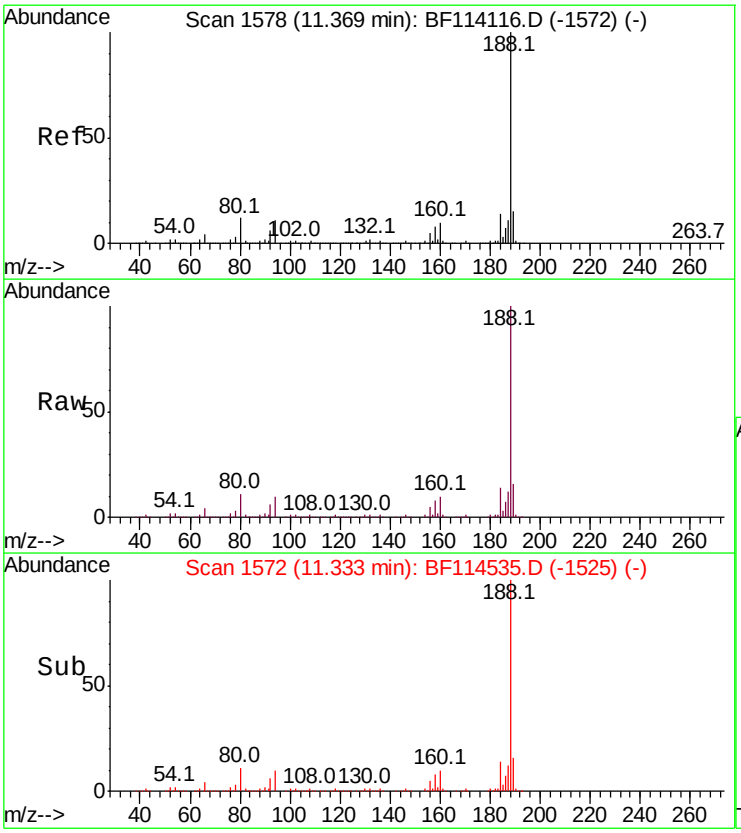
#57
2,4-Dinitrotoluene
Concen: 5.664 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.22 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 42929

Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.5	53.3#
89	1.5	55.2	82.8#
182	0.0	2.2	3.2#

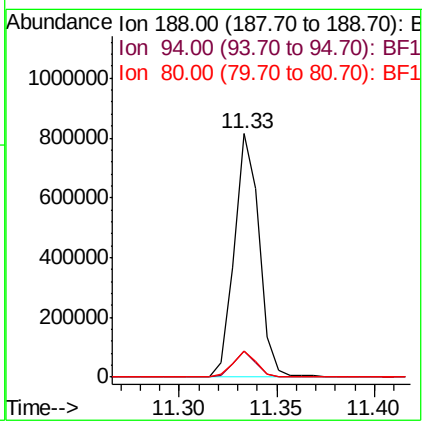


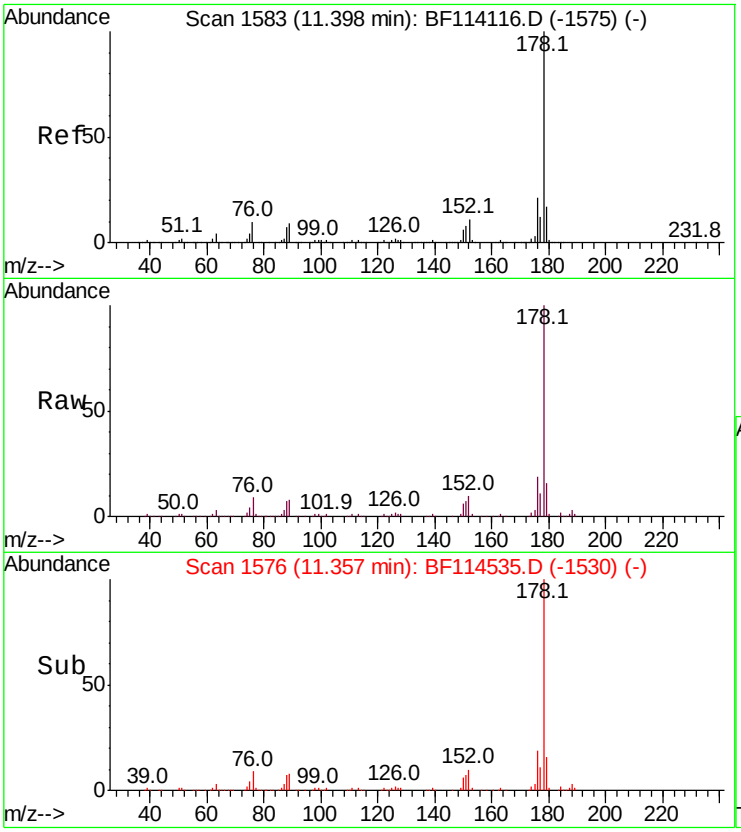


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion:188 Resp: 719311

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.4	12.6
80	10.7	9.2	13.8



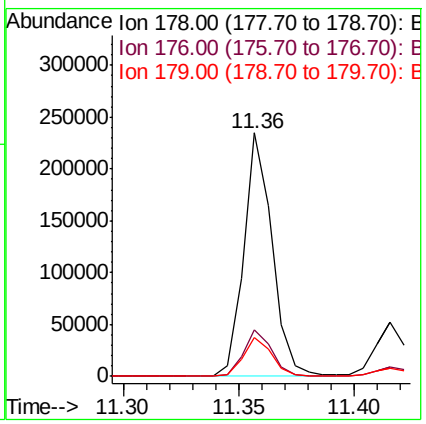


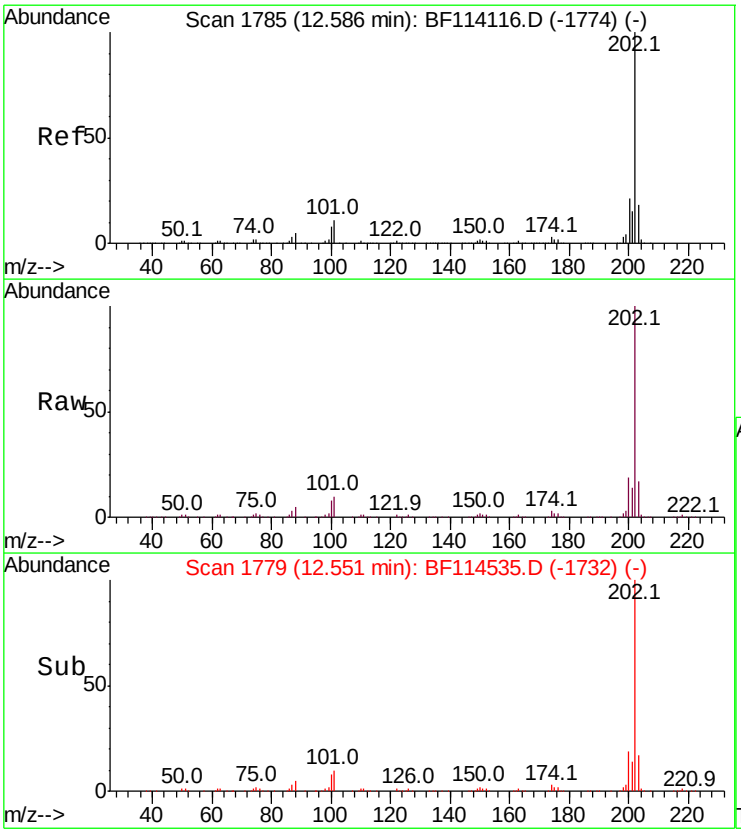
#71
Phenanthrene
Concen: 5.782 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.03 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 202330

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.4	24.6
179	15.9	13.2	19.8

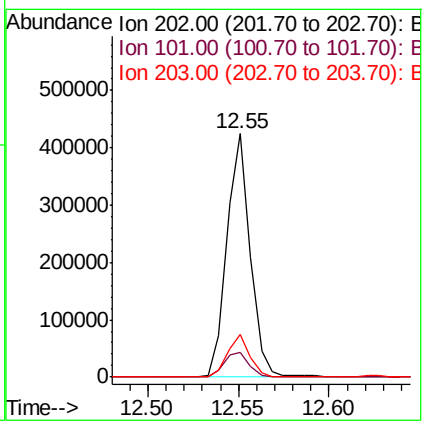


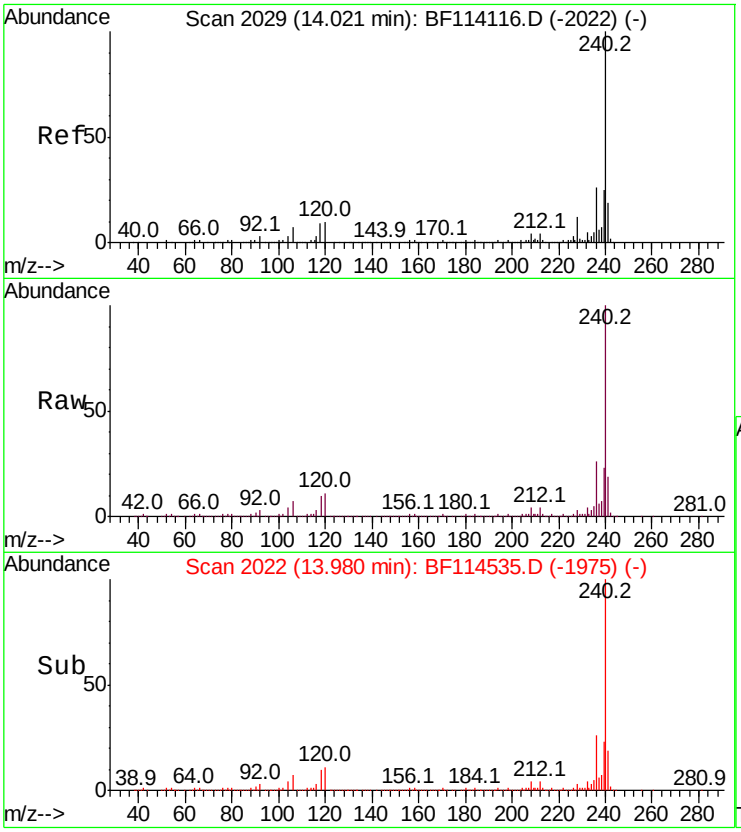


#75
Fluoranthene
Concen: 10.115 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.02 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion:202 Resp: 381187

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.0
203	17.3	0.0	38.4



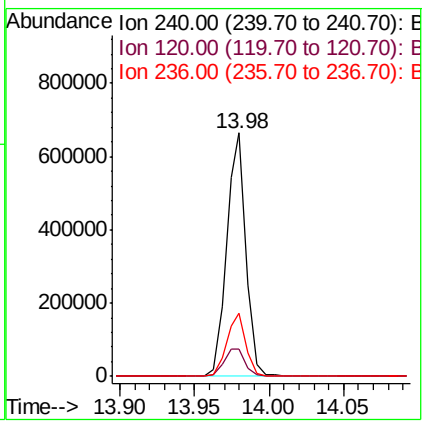


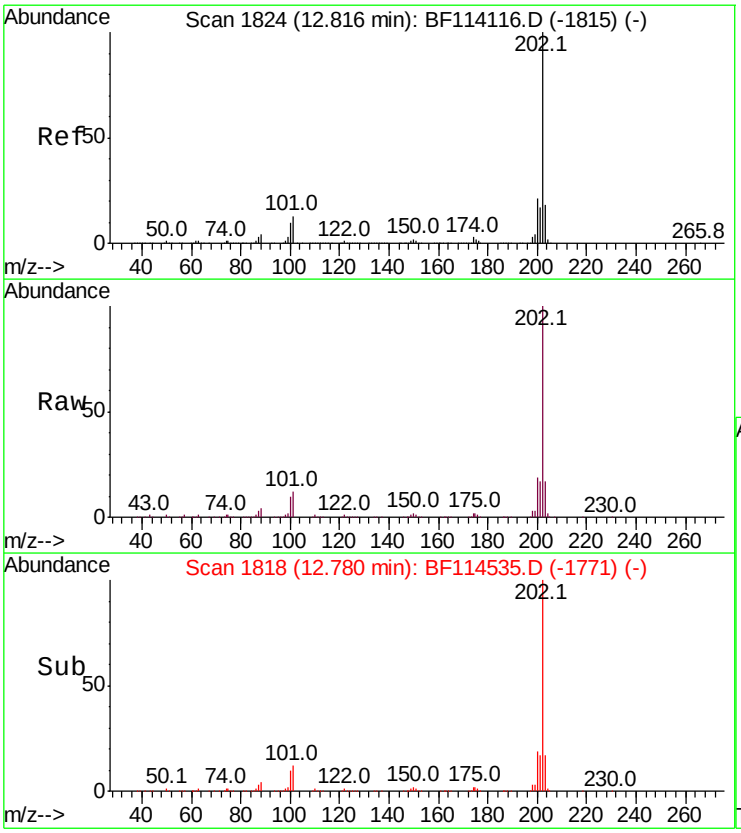
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 605235

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	25.7	20.8	31.2

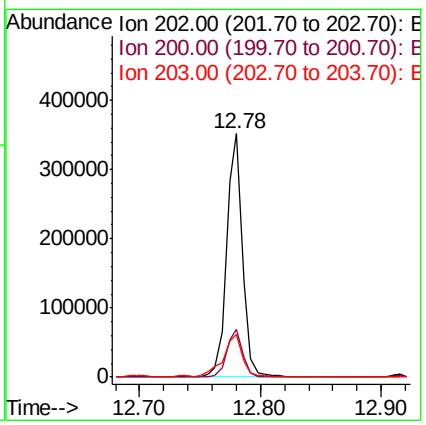


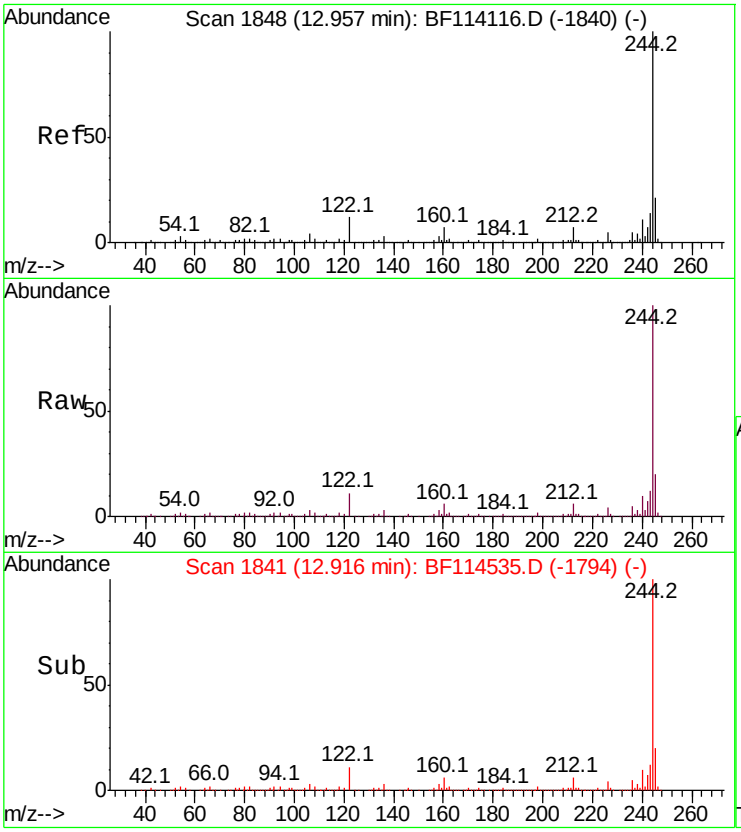


#78
Pyrene
Concen: 6.517 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion:202 Resp: 317303

Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.9	25.3
203	17.3	14.5	21.7



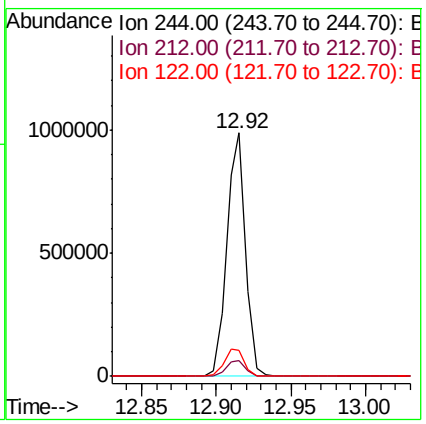


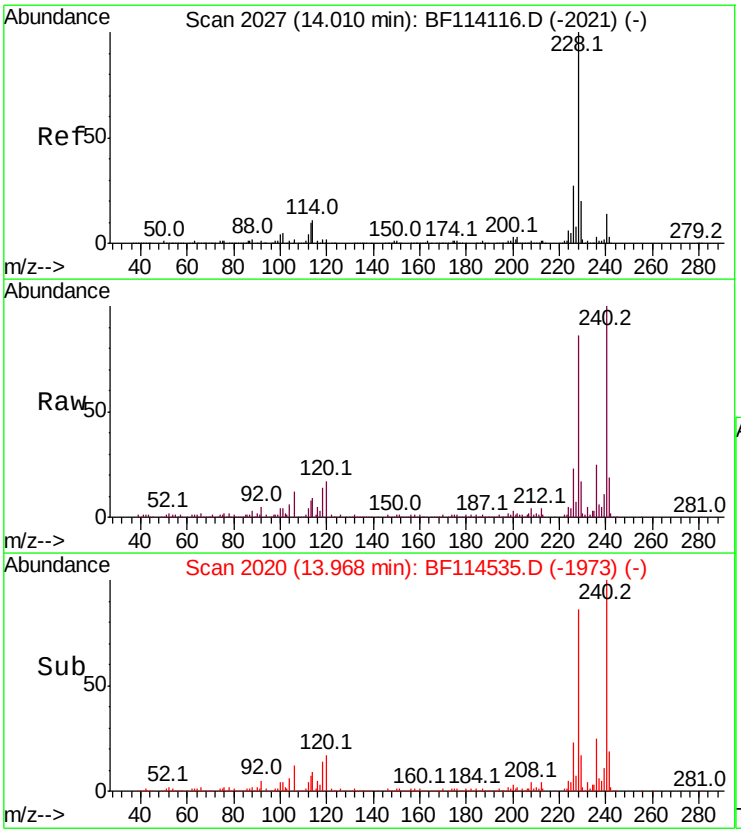
#79
Terphenyl-d14
Concen: 29.787 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 874530

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	10.8	9.4	14.2

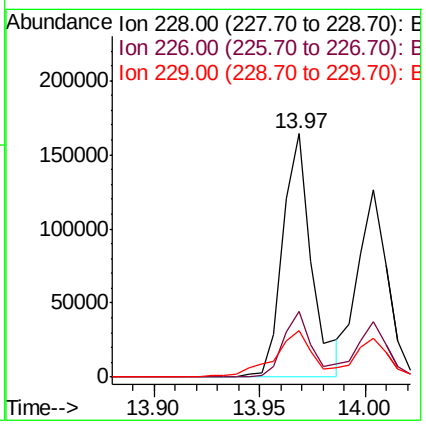


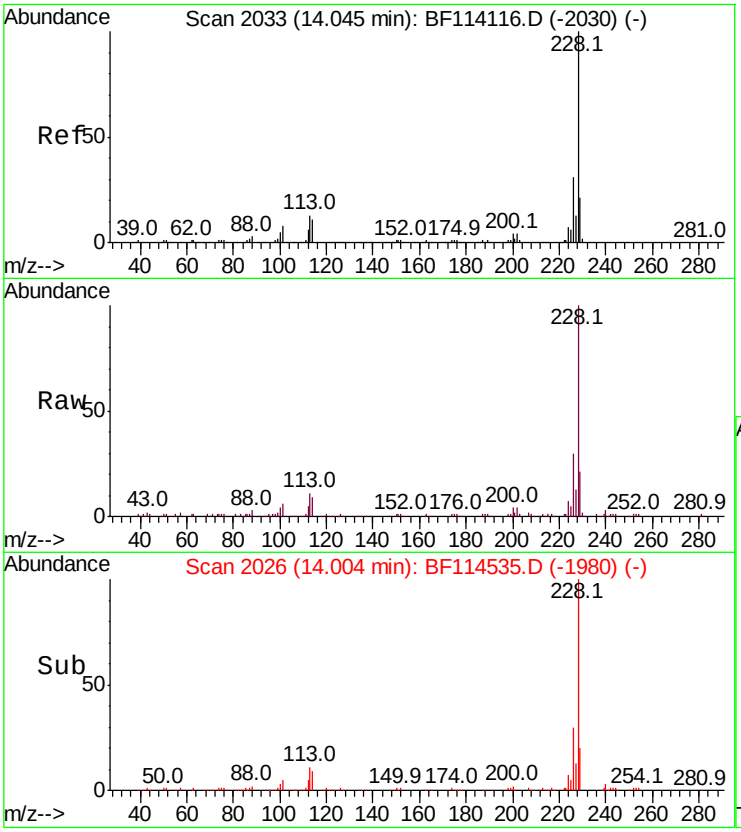


#81
Benzo(a)anthracene
Concen: 4.018 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion:228 Resp: 157288

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	19.3	16.4	24.6



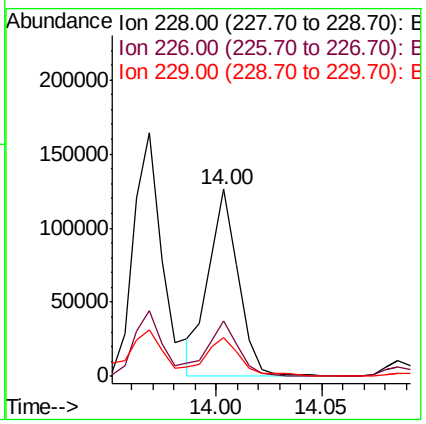


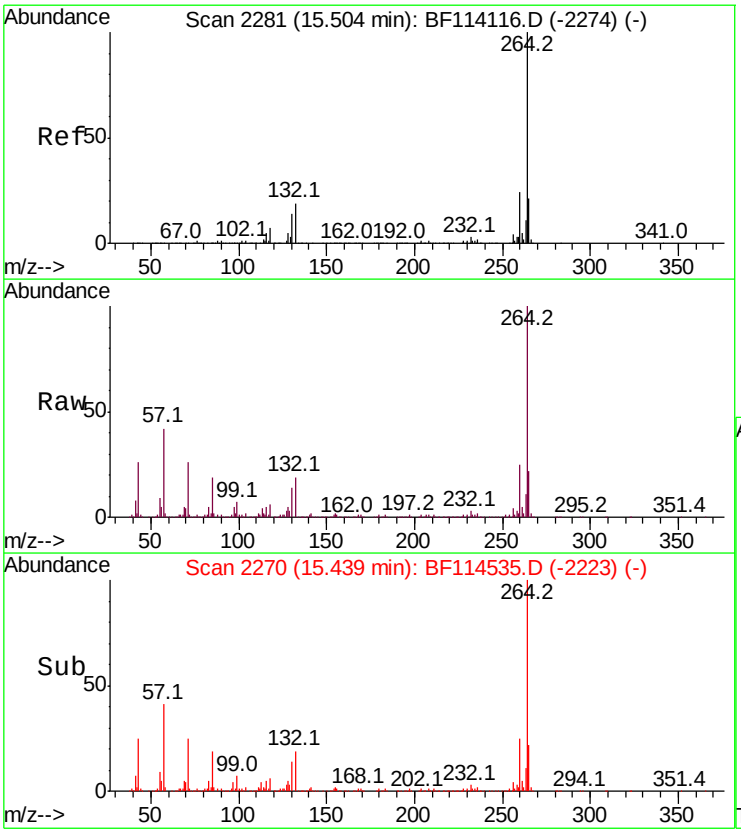
#83
Chrysene
Concen: 3.228 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.03 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 123881

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	20.7	17.0	25.6

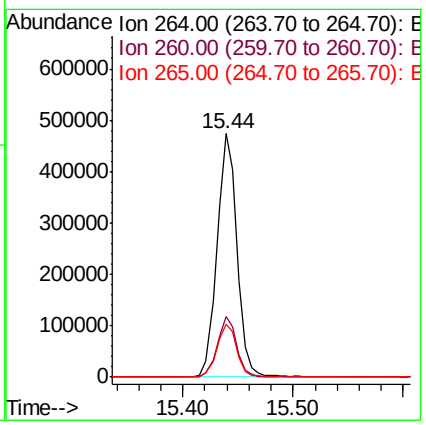


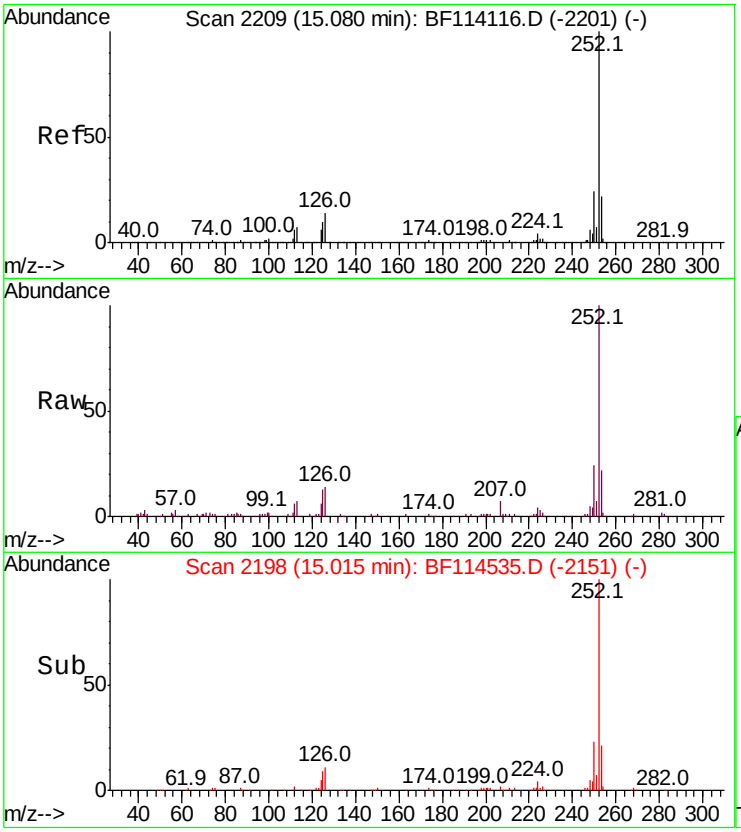


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion:264 Resp: 595987

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.0	16.9	25.3



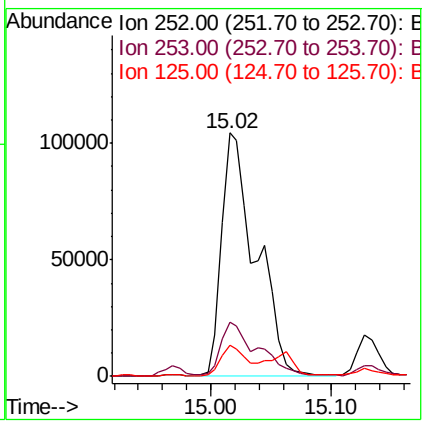


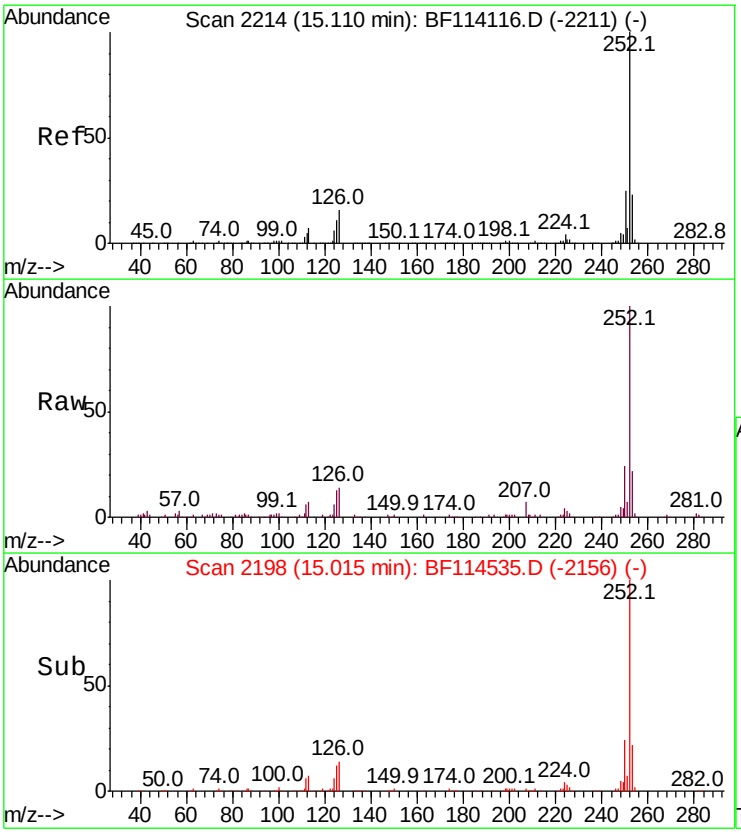
#88
Benzo(b)fluoranthene
Concen: 5.364 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 204812

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	12.7	8.3	12.5#

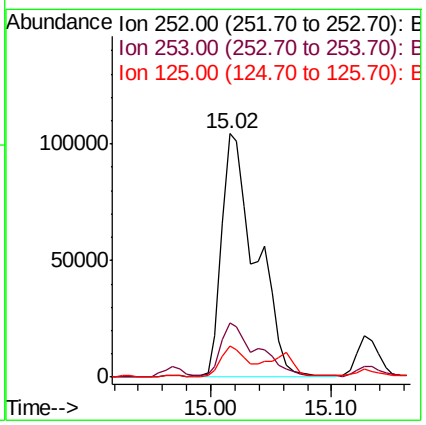


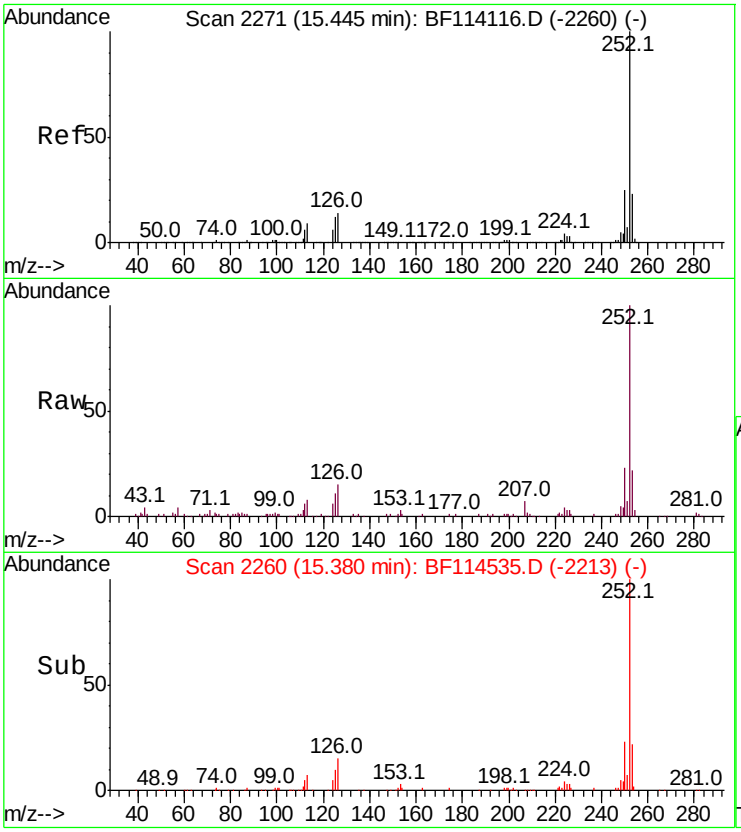


#89
Benzo(k)fluoranthene
Concen: 5.827 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion:252 Resp: 204364

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	12.7	8.6	13.0





#90
Benzo(a)pyrene
Concen: 3.193 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 107306

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.6	9.5	14.3