Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
Data File : BF113905.D
Acq On : 23 Apr 2019 3:32
Operator : JU/SJ
Sample : K2203-15RE 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-041819-B

Quant Time: Apr 23 06:41:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	204599	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	728916	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	365088	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	765831	20.00	ng	0.00
76) Chrysene-d12	14.06	240	635860	20.00	ng	-0.01
87) Perylene-d12	15.54	264	527627	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	226419	18.93	ng	0.00
7) Phenol-d6	6.52	99	289628	19.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	146702	12.43	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	85117	19.14	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	330699	14.17	ng	0.00
79) Terphenyl-d14	13.00	244	445269	14.36	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	315	Below Cal	#	3
25) Isophorone	7.45	82	146700	6.073	ng	# 65
51) 2,6-Dinitrotoluene	9.93	165	47841	8.446	ng	# 33
57) 2,4-Dinitrotoluene	9.93	165	47842	6.691	ng	# 29
75) Fluoranthene	12.63	202	93553	2.228	ng	96
78) Pyrene	12.86	202	91474	2.057	ng	97
88) Benzo(b)fluoranthene	15.10	252	77302	2.316	ng	# 84
89) Benzo(k)fluoranthene	15.10	252	77302	2.692	ng	# 86

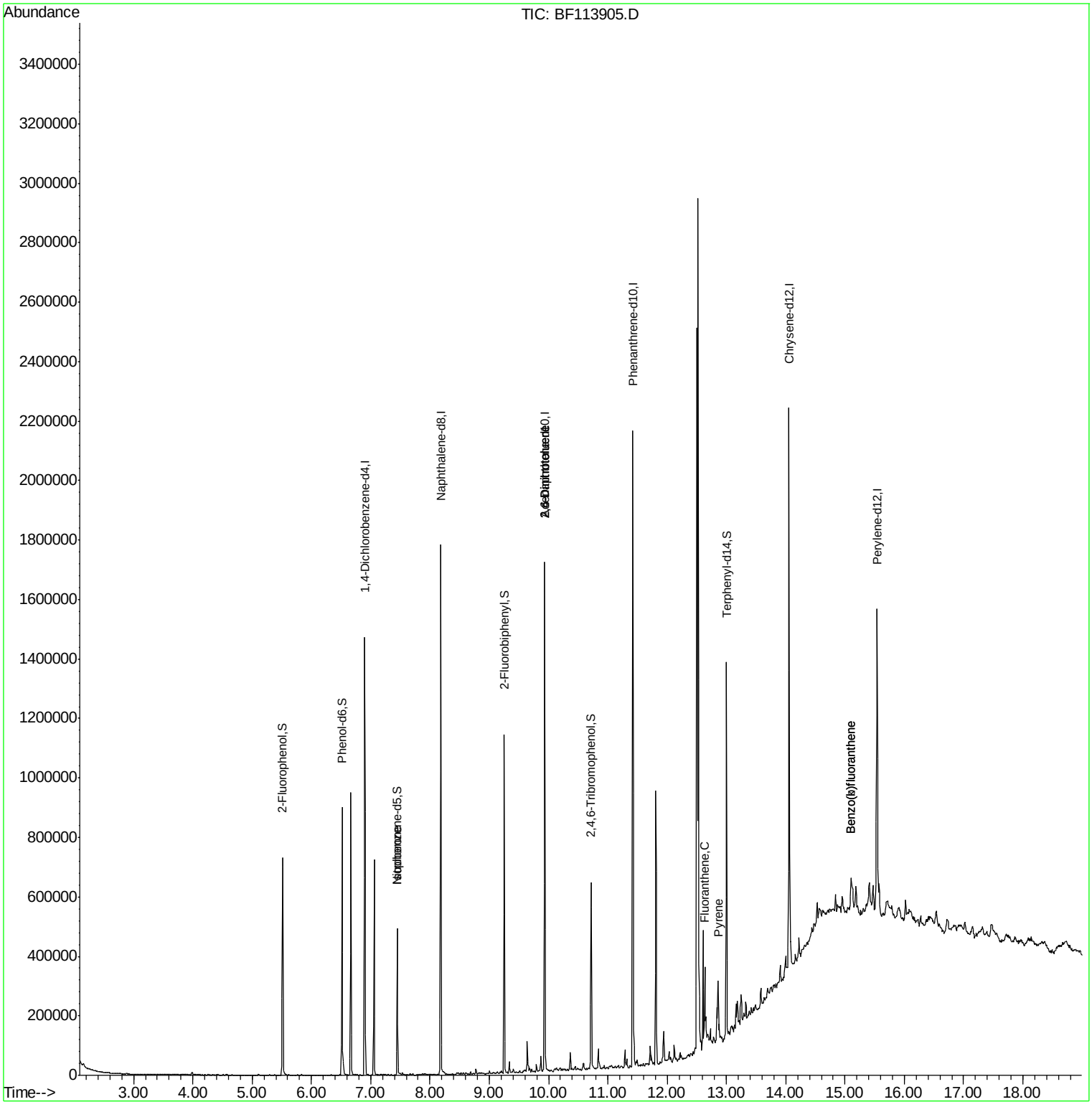
(#) = qualifier out of range (m) = manual integration (+) = signals summed

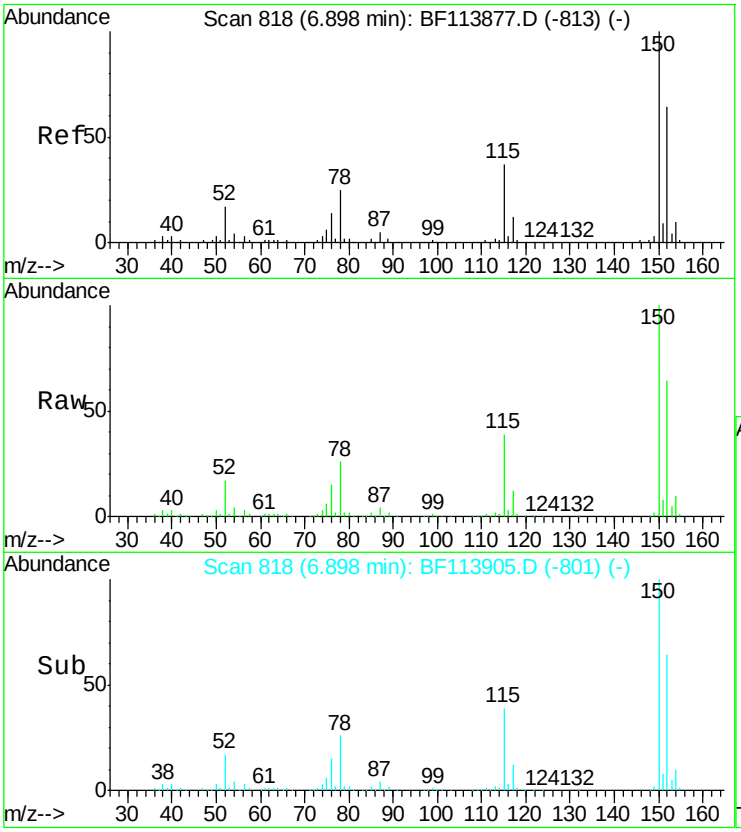
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
Data File : BF113905.D
Acq On : 23 Apr 2019 3:32
Operator : JU/SJ
Sample : K2203-15RE 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-041819-B

Quant Time: Apr 23 06:41:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration



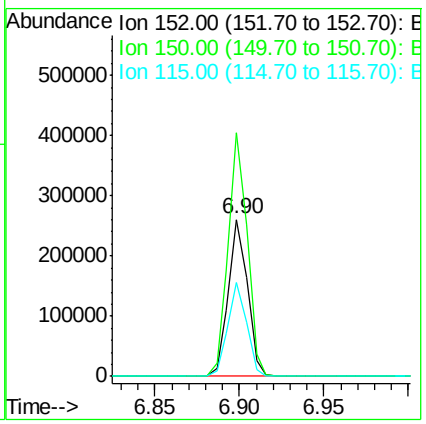


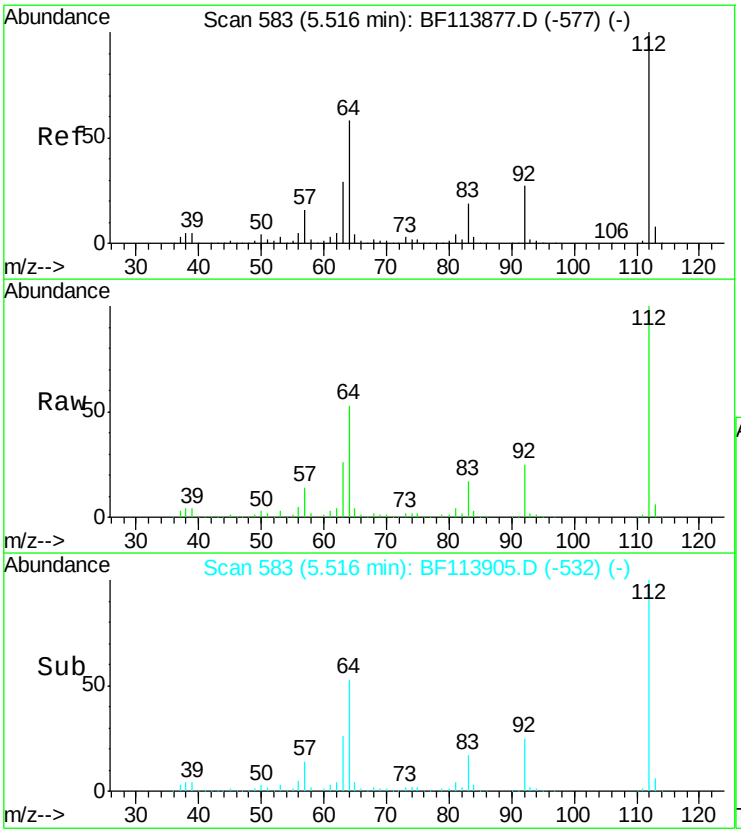
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Instrument :
BNA_F
ClientSampleId :
SU-02-041819-B

Tgt Ion:152 Resp: 204599

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.9	188.9
115	60.0	45.9	68.9

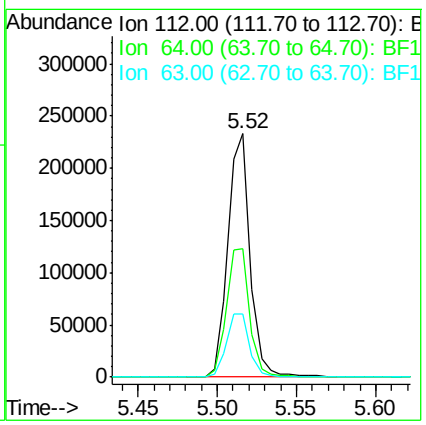


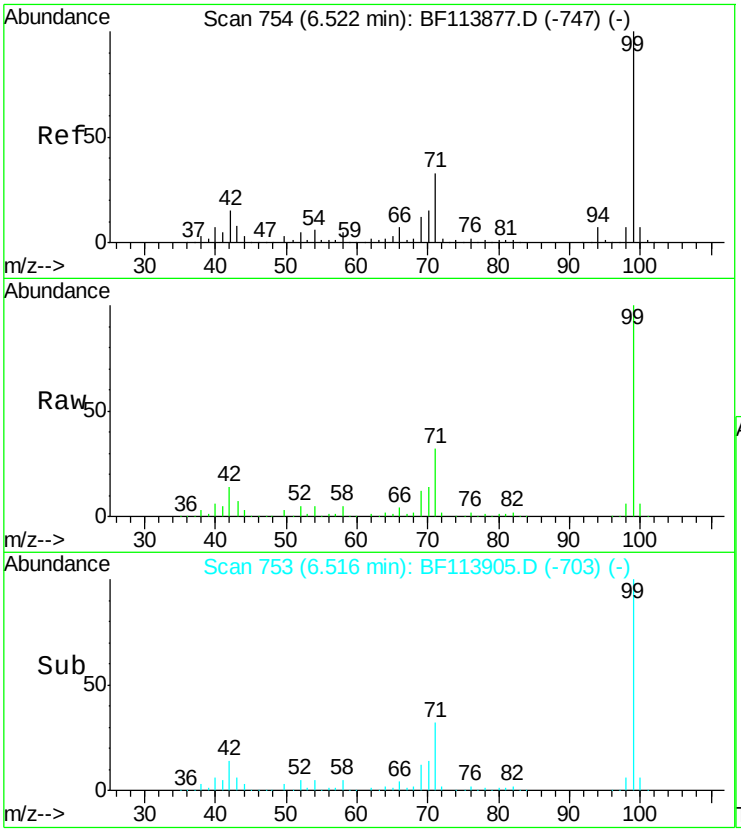


#5
2-Fluorophenol
Concen: 18.928 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Tgt Ion:112 Resp: 226419

Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.6	69.8
63	25.8	23.1	34.7



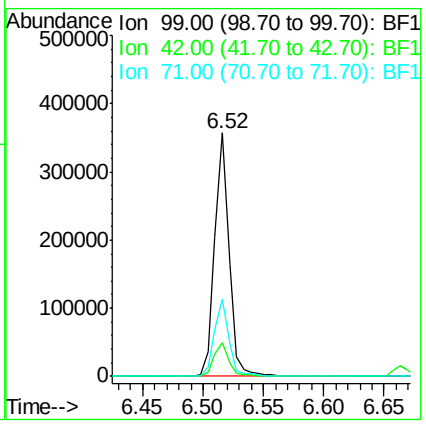


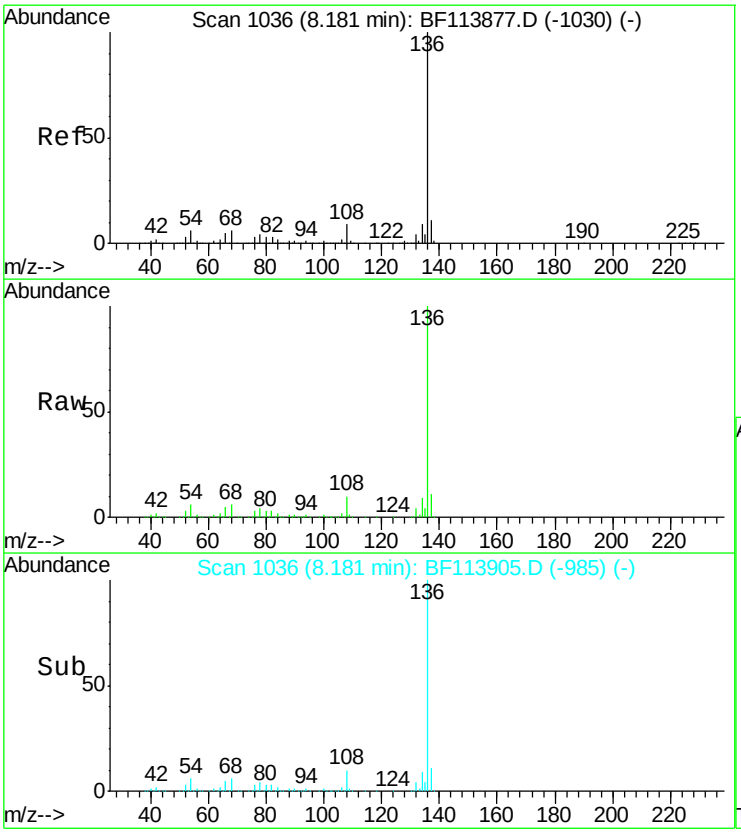
#7
Phenol-d6
Concen: 19.298 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Instrument :
BNA_F
ClientSampleId :
SU-02-041819-B

Tgt Ion: 99 Resp: 289628

Ion	Ratio	Lower	Upper
99	100		
42	13.9	12.5	18.7
71	31.9	26.9	40.3

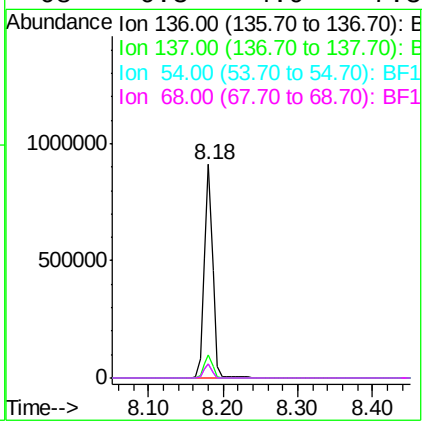


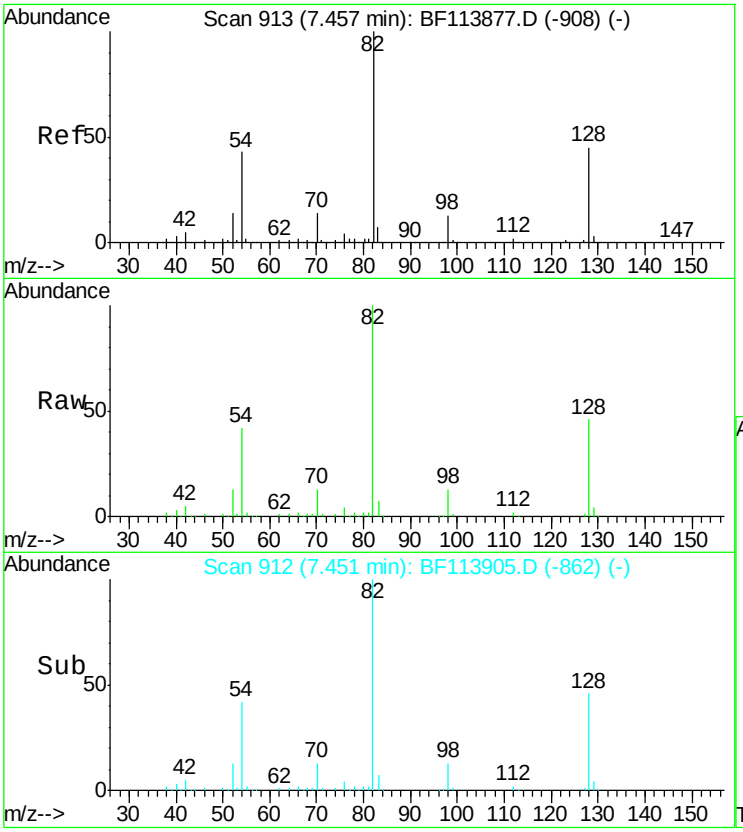


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Tgt Ion:136 Resp: 728916

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.3	5.0	7.6
68	6.3	4.9	7.3



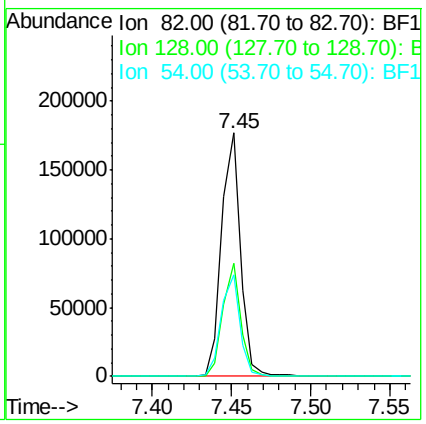


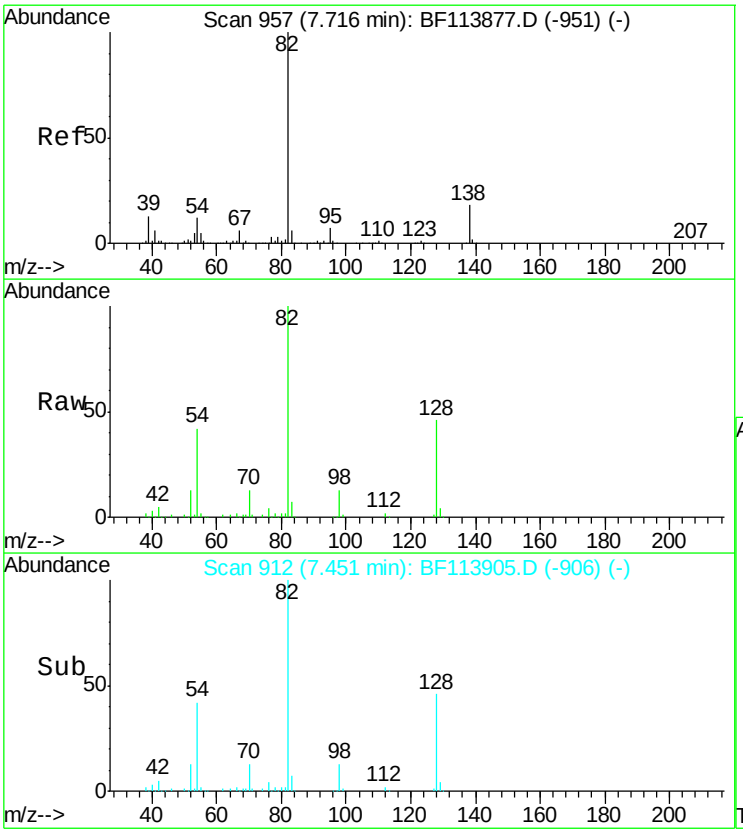
#23
Nitrobenzene-d5
Concen: 12.427 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Instrument :
BNA_F
ClientSampleId :
SU-02-041819-B

Tgt Ion: 82 Resp: 146702

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.8	55.2
54	41.6	33.8	50.6

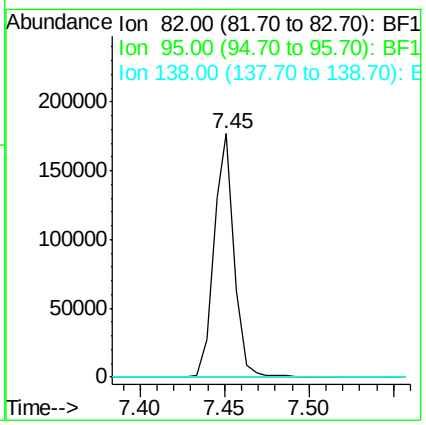


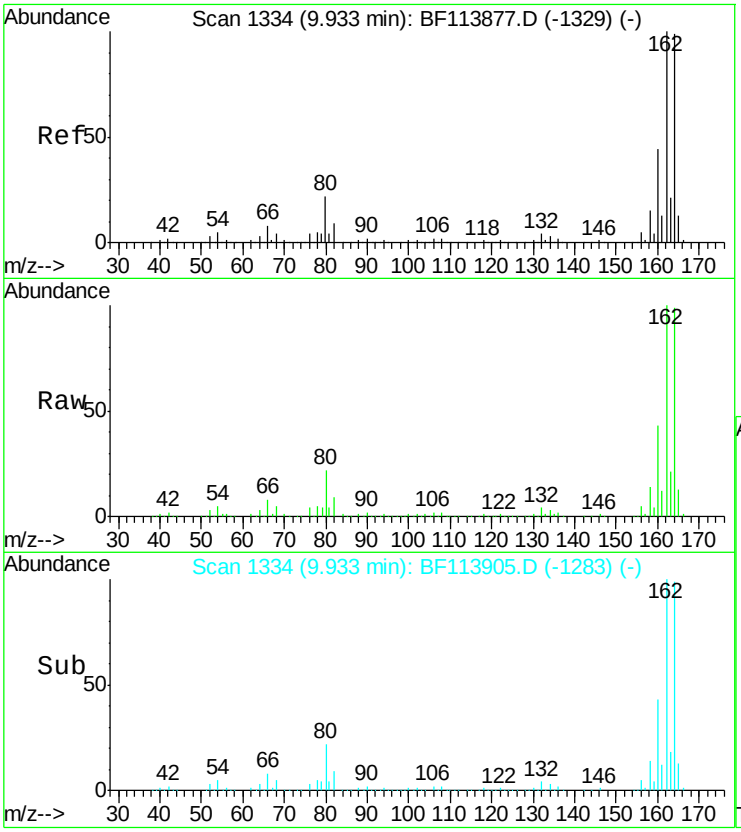


#25
Isophorone
Concen: 6.073 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Tgt Ion: 82 Resp: 146700

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#



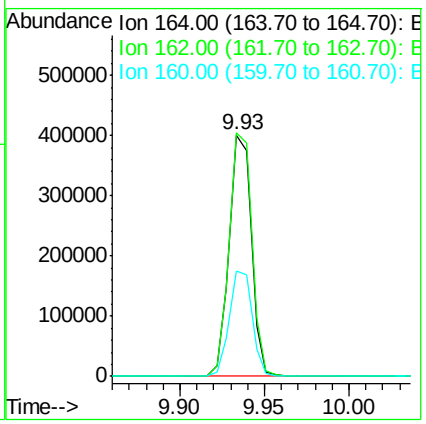


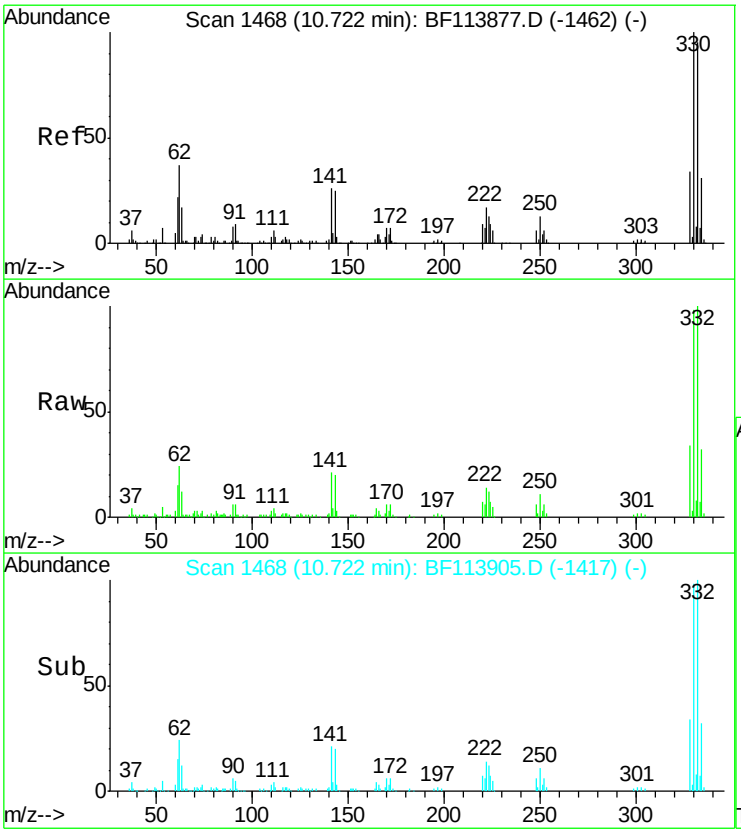
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Instrument :
BNA_F
ClientSampleId :
SU-02-041819-B

Tgt Ion:164 Resp: 365088

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.1	121.7
160	43.8	35.8	53.6

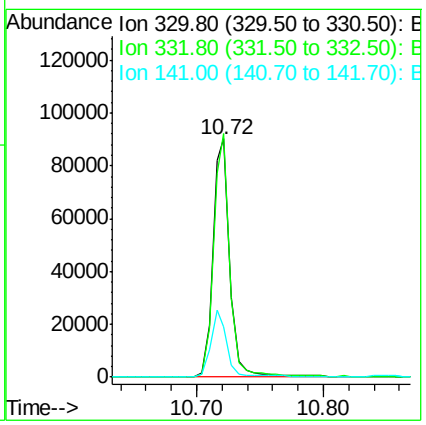


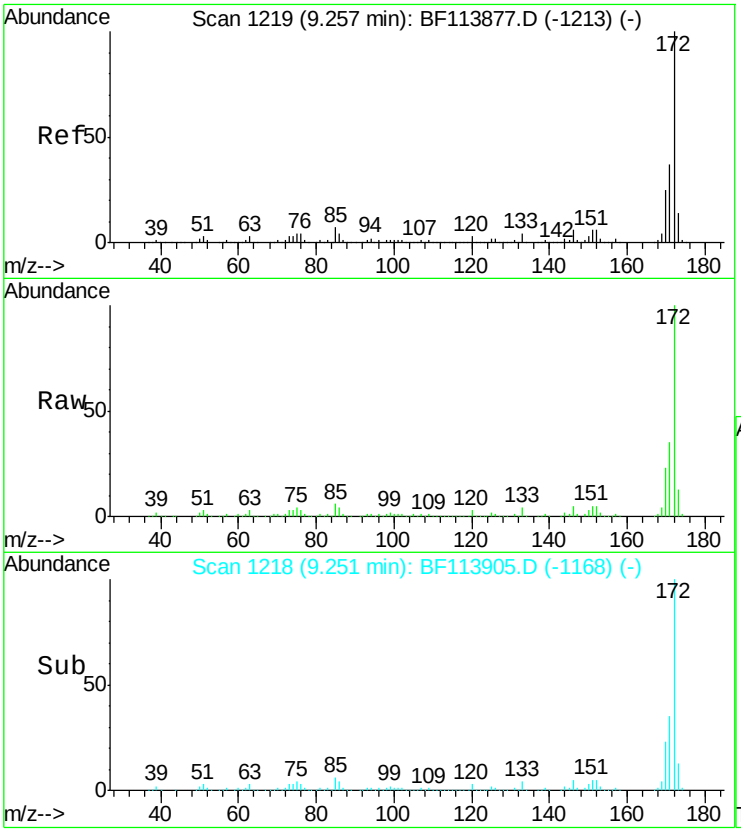


#42
2,4,6-Tribromophenol
Concen: 19.138 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Tgt Ion:330 Resp: 85117

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.5	116.3
141	27.6	22.2	33.2



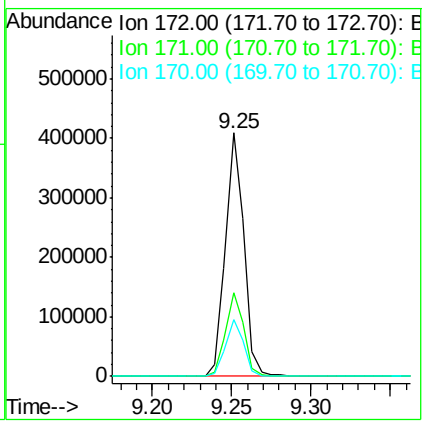


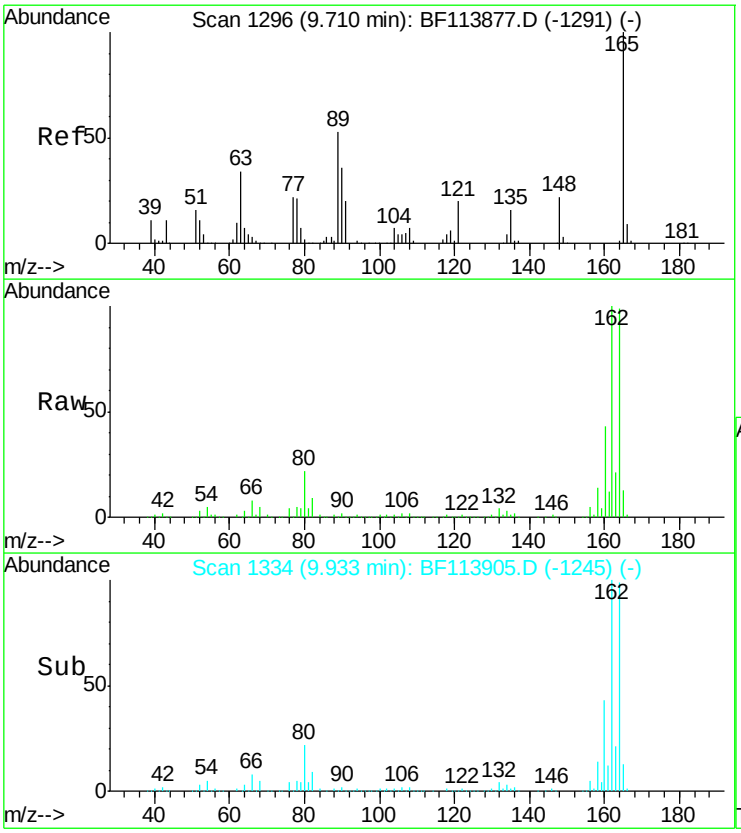
#45
2-Fluorobiphenyl
Concen: 14.167 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Instrument :
BNA_F
ClientSampleId :
SU-02-041819-B

Tgt Ion:172 Resp: 330699

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.4	44.0
170	23.1	19.9	29.9

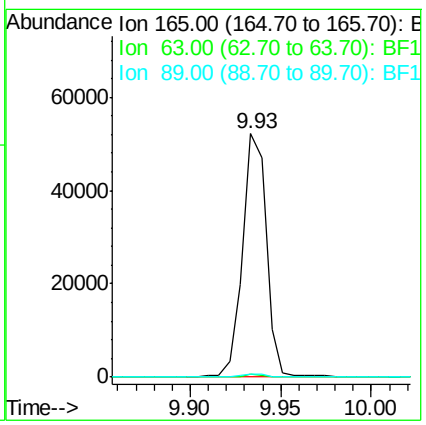


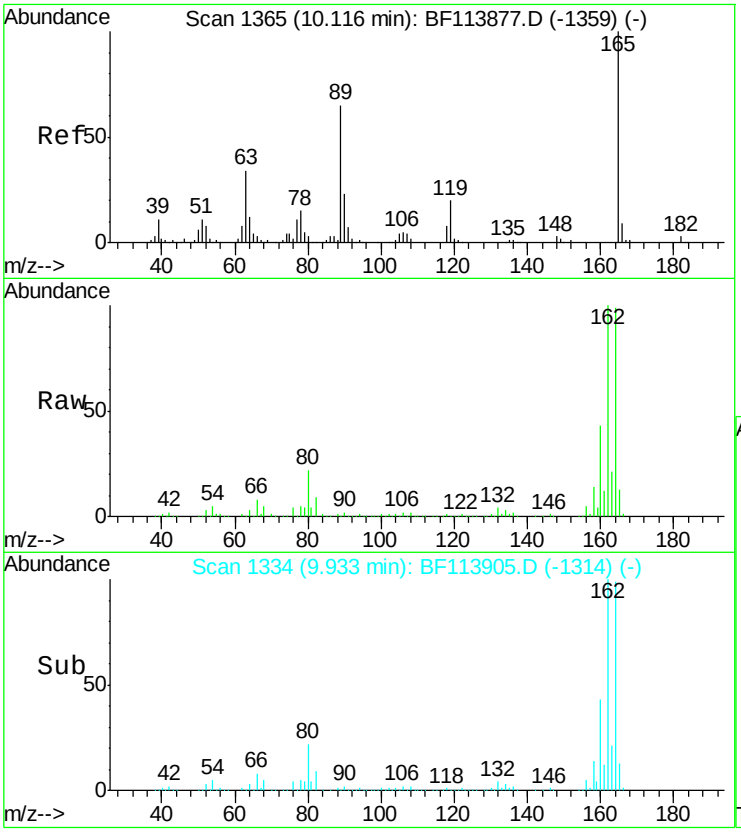


#51
2,6-Dinitrotoluene
Concen: 8.446 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Tgt Ion:165 Resp: 47841

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.8	50.8#
89	1.2	38.2	57.2#



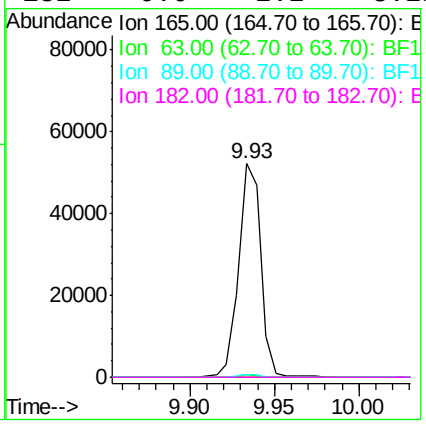


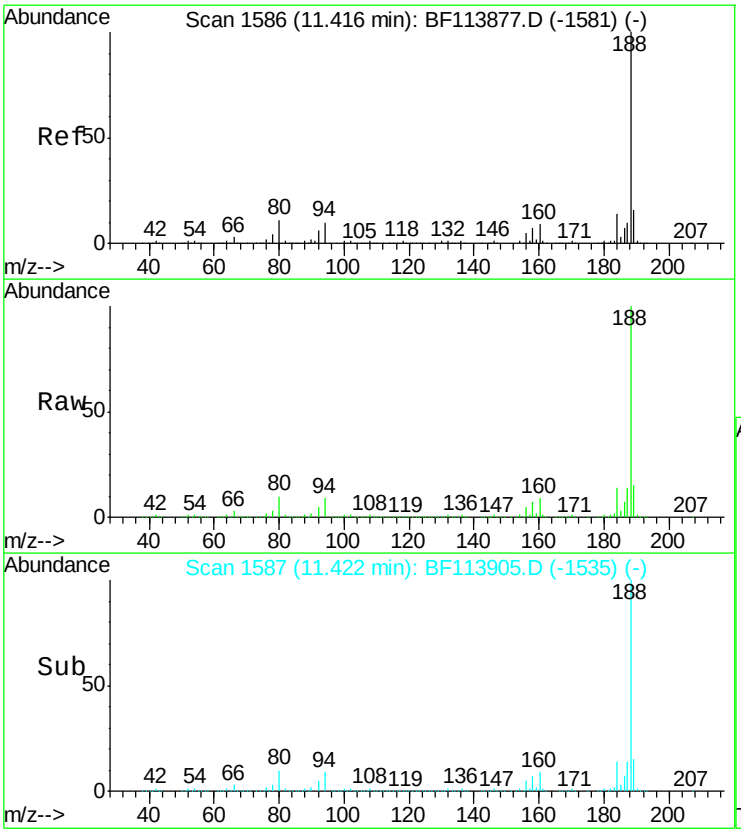
#57
2,4-Dinitrotoluene
Concen: 6.691 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Instrument :
BNA_F
ClientSampleId :
SU-02-041819-B

Tgt Ion:165 Resp: 47842

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.4	41.0#
89	1.2	51.8	77.6#
182	0.0	2.2	3.2#

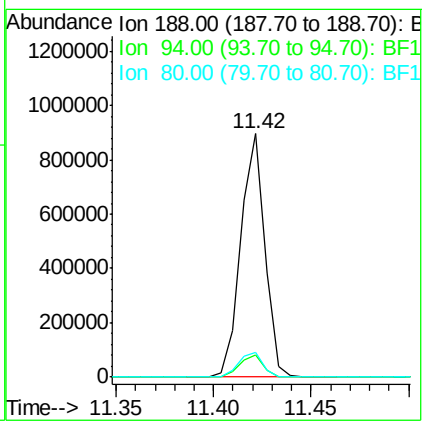


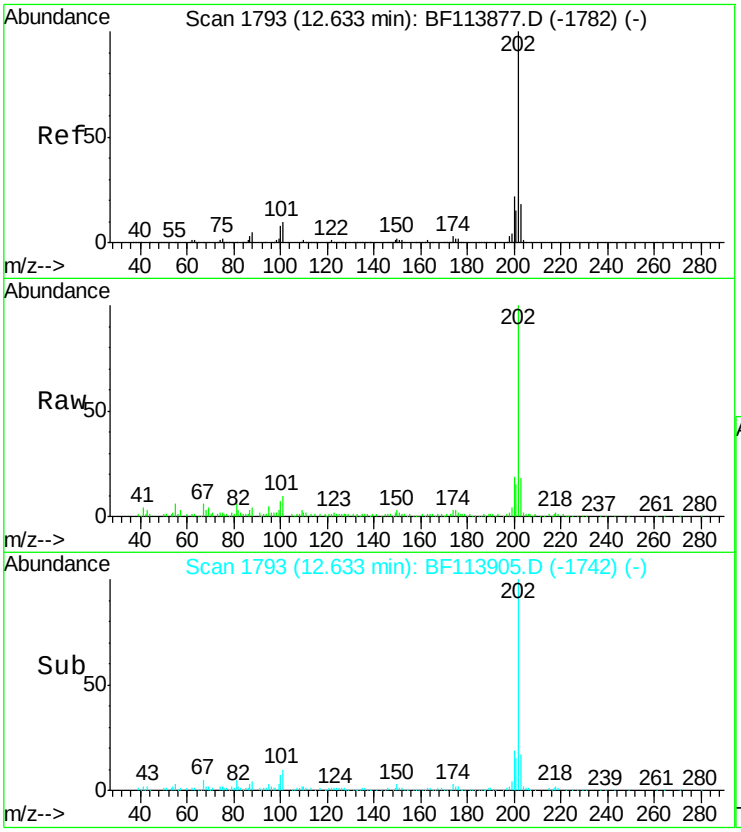


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Tgt Ion:188 Resp: 765831

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.4
80	10.0	9.0	13.6



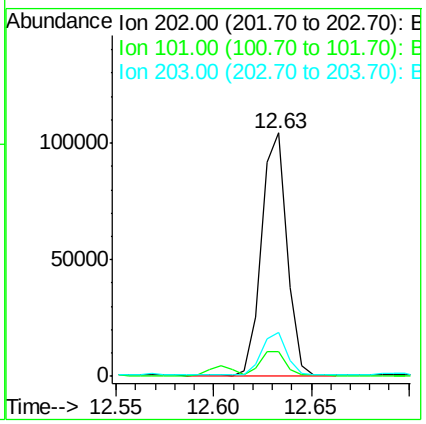


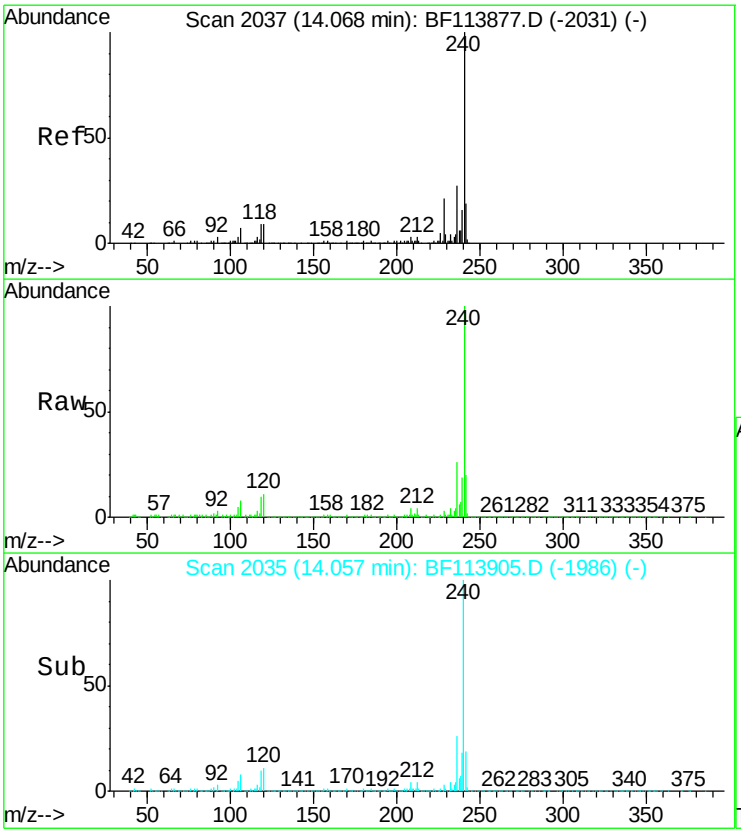
#75
Fluoranthene
Concen: 2.228 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Instrument :
BNA_F
ClientSampleId :
SU-02-041819-B

Tgt Ion:202 Resp: 93553

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.9
203	17.8	0.0	38.2

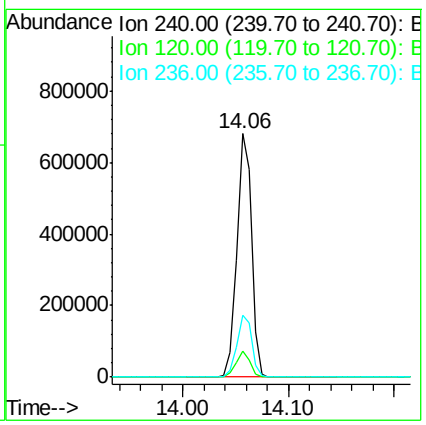


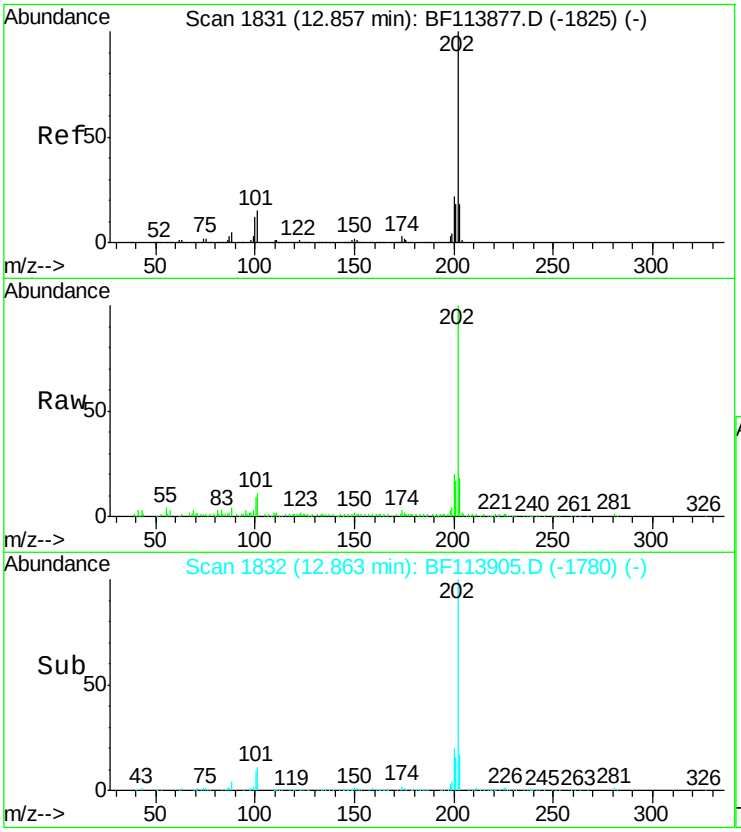


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Tgt Ion:240 Resp: 635860

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.3	13.9
236	25.7	21.2	31.8



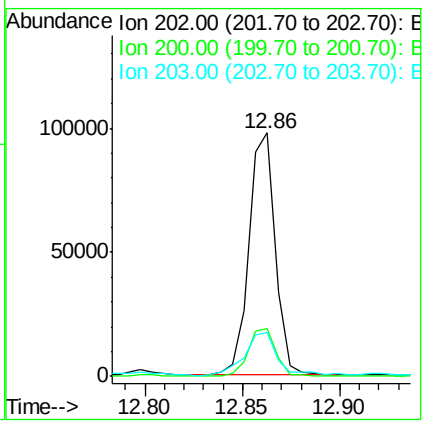


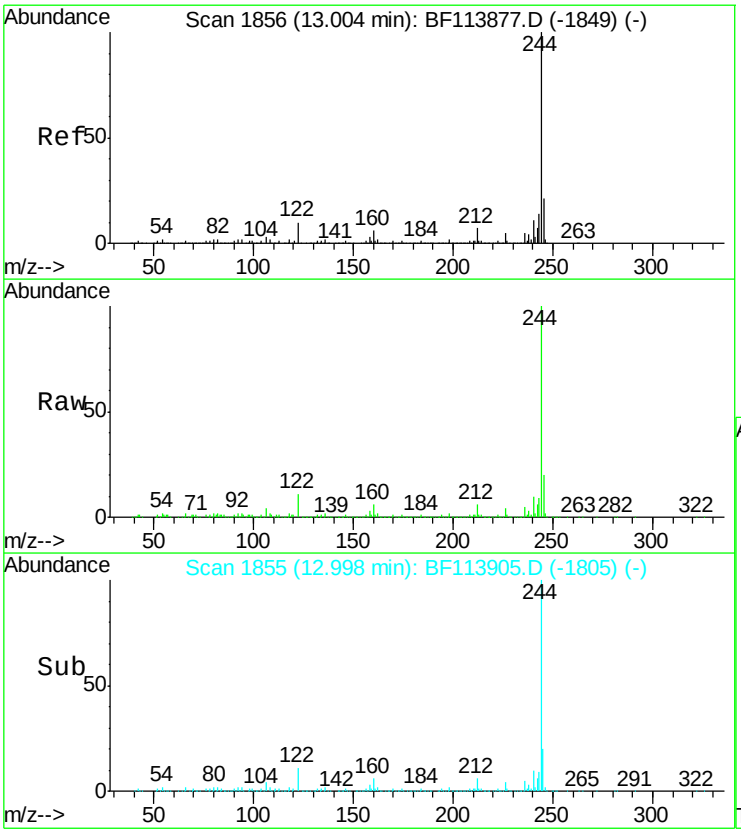
#78
Pyrene
Concen: 2.057 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Instrument :
BNA_F
ClientSampleId :
SU-02-041819-B

Tgt Ion:202 Resp: 91474

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.7	26.5
203	17.9	15.0	22.6

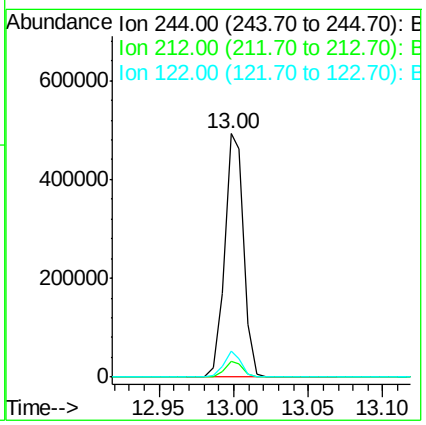


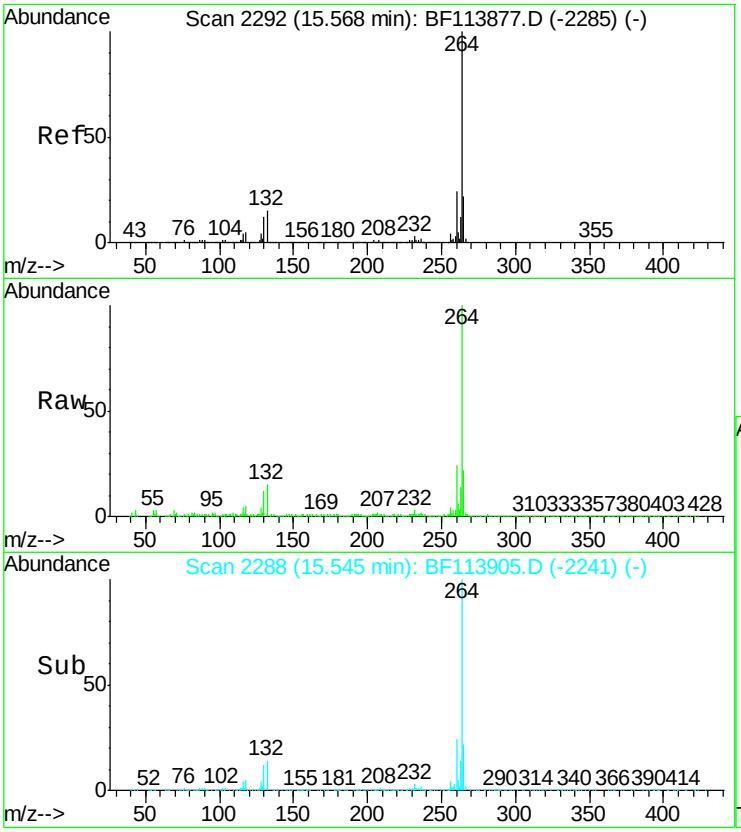


#79
Terphenyl-d14
Concen: 14.356 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Tgt Ion:244 Resp: 445269

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	10.6	7.6	11.4



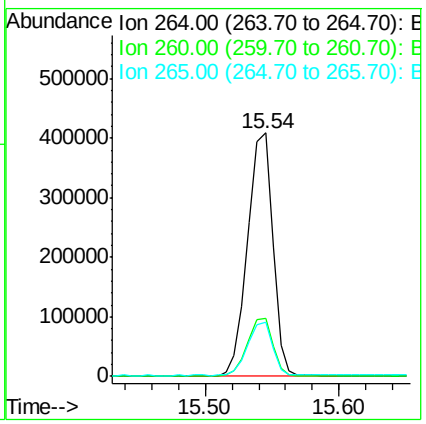


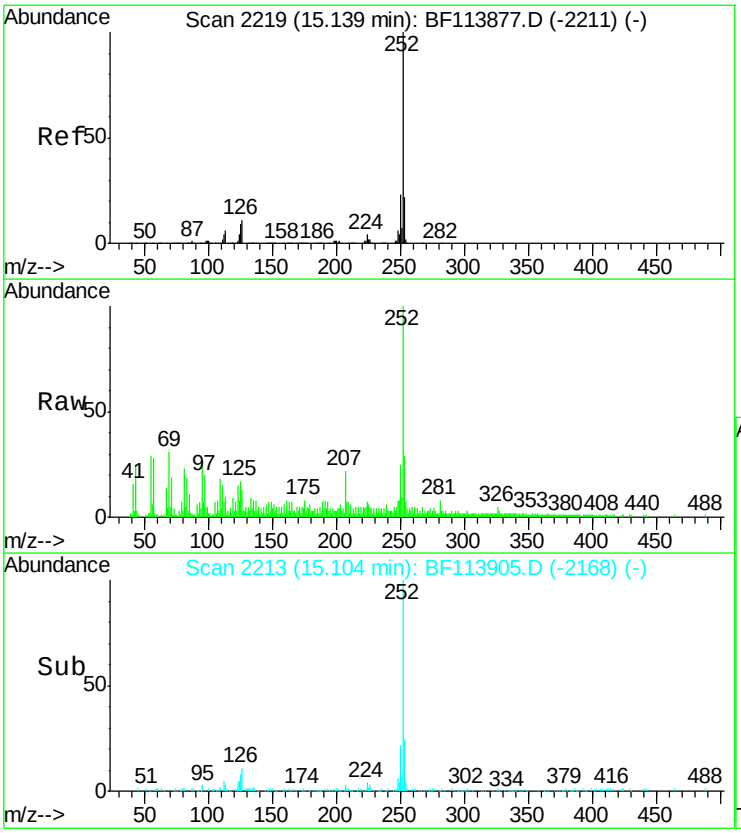
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Instrument :
BNA_F
ClientSampleId :
SU-02-041819-B

Tgt Ion:264 Resp: 527627

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.0	17.3	25.9

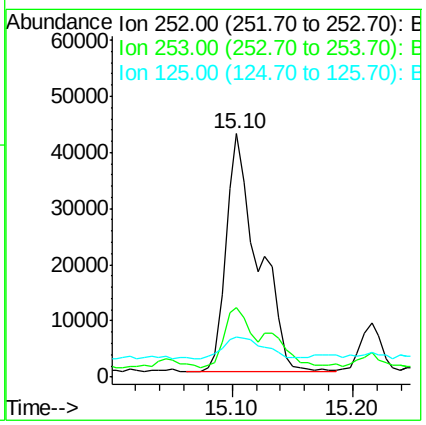


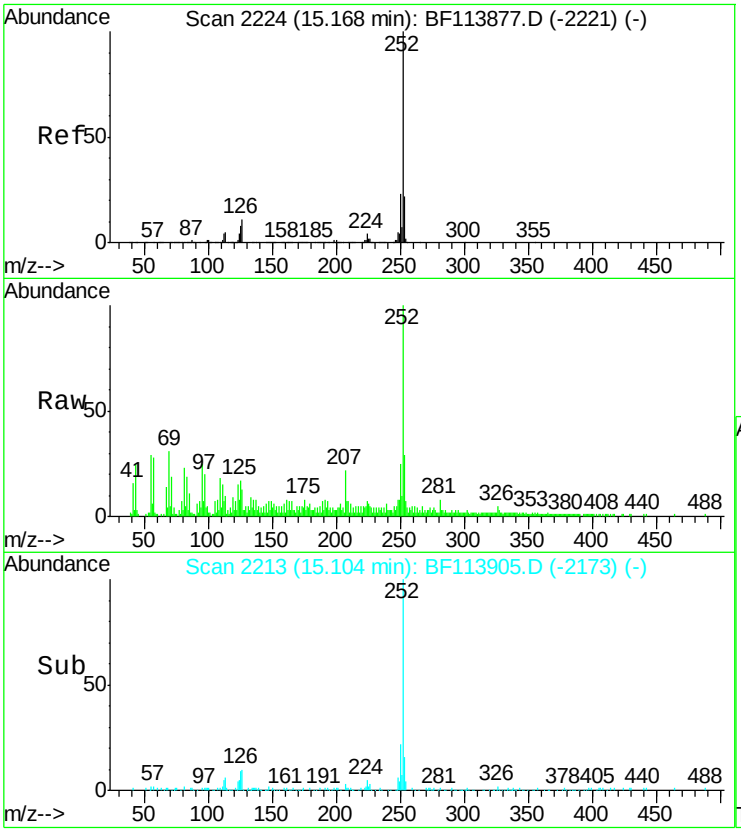


#88
Benzo(b)fluoranthene
Concen: 2.316 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Tgt Ion:252 Resp: 77302

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.8	26.6#
125	16.5	7.0	10.6#





#89
Benzo(k)fluoranthene
Concen: 2.692 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.06 min
Lab File: BF113905.D
Acq: 23 Apr 2019 3:32

Instrument :
BNA_F
ClientSampleId :
SU-02-041819-B

Tgt Ion:252 Resp: 77302

Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.2	27.2#
125	16.5	7.4	11.2#