Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114206.D
Acq On : 12 May 2019 21:16
Operator : JU/SJ
Sample : K2766-19 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS009-0206-01

Quant Time: May 13 07:49:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	256510	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	992113	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	449215	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	804134	20.00	ng		0.00
76) Chrysene-d12	14.01	240	549673	20.00	ng		-0.01
87) Perylene-d12	15.48	264	594002	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	137382	8.62	ng		0.00
7) Phenol-d6	6.49	99	195016	10.34	ng		0.00
23) Nitrobenzene-d5	7.41	82	112126	6.34	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	36717	7.91	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	196206	6.61	ng		0.00
79) Terphenyl-d14	12.95	244	163077	6.12	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.41	82	112125	3.420	ng	#	64
32) Benzoic acid	7.88	122	551	7.069	ng		83
49) Acenaphthylene	9.75	152	199701	4.496	ng		97
51) 2,6-Dinitrotoluene	9.89	165	59787	8.174	ng	#	22
71) Phenanthrene	11.39	178	766038	19.581	ng		98
72) Anthracene	11.44	178	132813	3.380	ng		97
75) Fluoranthene	12.59	202	999916	23.734	ng		98
78) Pyrene	12.82	202	1737468	39.293	ng		99
81) Benzo(a)anthracene	14.04	228	720965	20.279	ng		97
83) Chrysene	14.04	228	720965	20.687	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	306849	9.962	ng		97
88) Benzo(b)fluoranthene	15.06	252	953921	25.067	ng	#	98
89) Benzo(k)fluoranthene	15.06	252	953921	27.288	ng		98
90) Benzo(a)pyrene	15.42	252	477699	14.263	ng		99
91) Dibenzo(a,h)anthracene	17.12	278	58618	2.106	ng		97
92) Benzo(g,h,i)perylene	17.39	276	344988	12.370	ng		98

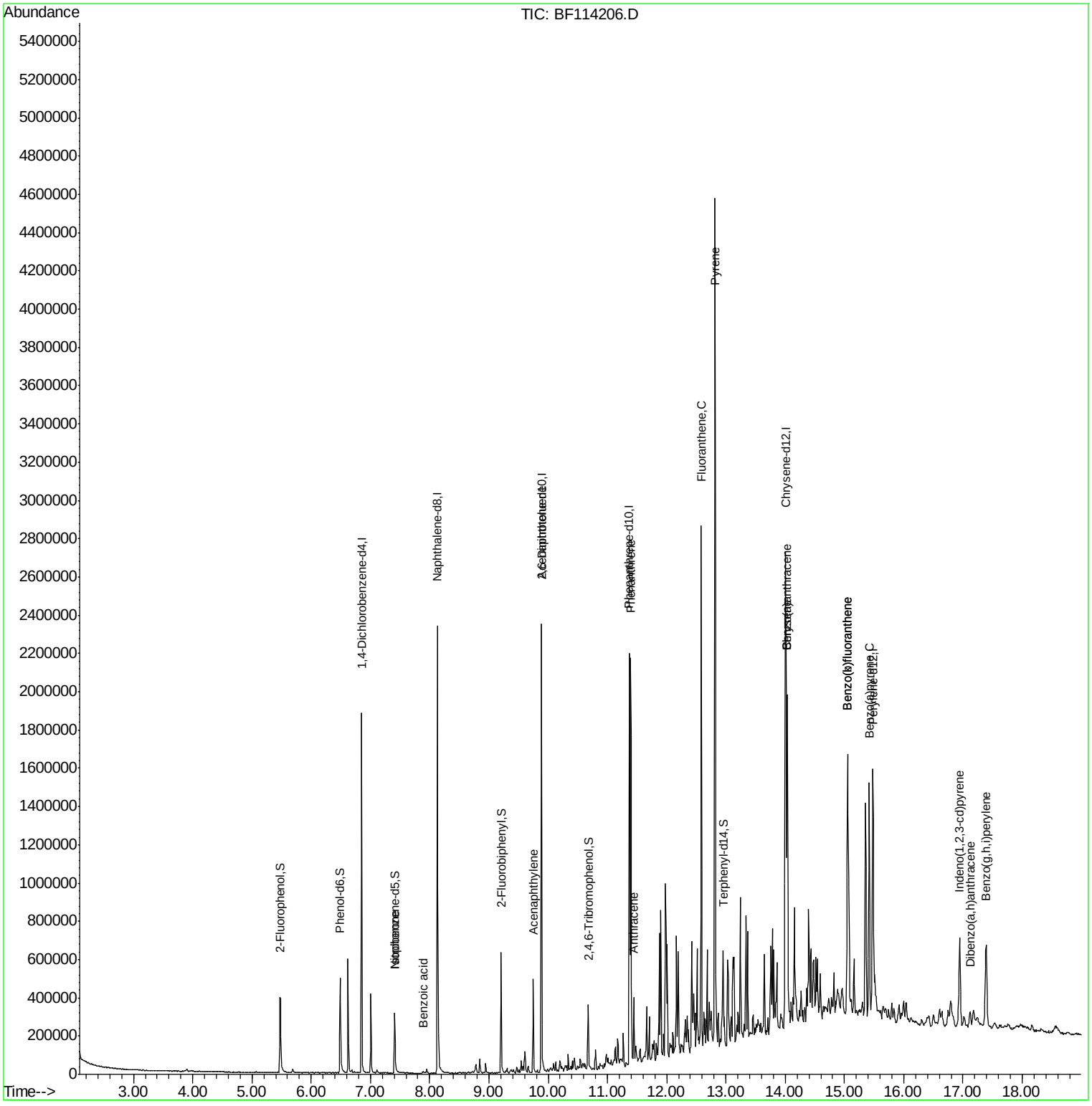
(#) = qualifier out of range (m) = manual integration (+) = signals summed

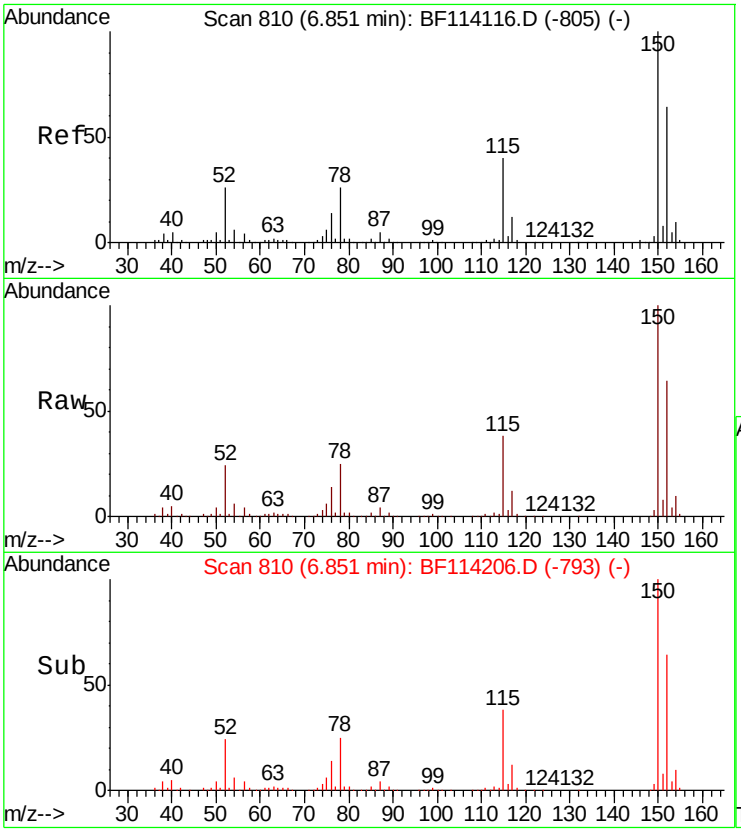
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114206.D
Acq On : 12 May 2019 21:16
Operator : JU/SJ
Sample : K2766-19 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Quant Time: May 13 07:49:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



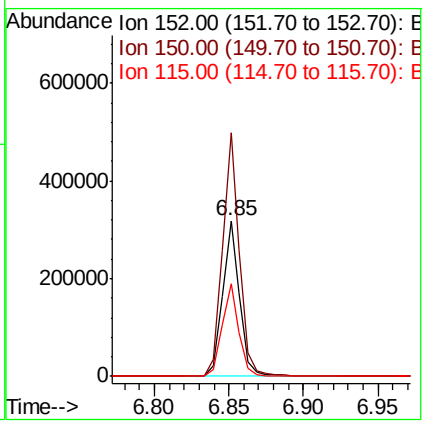


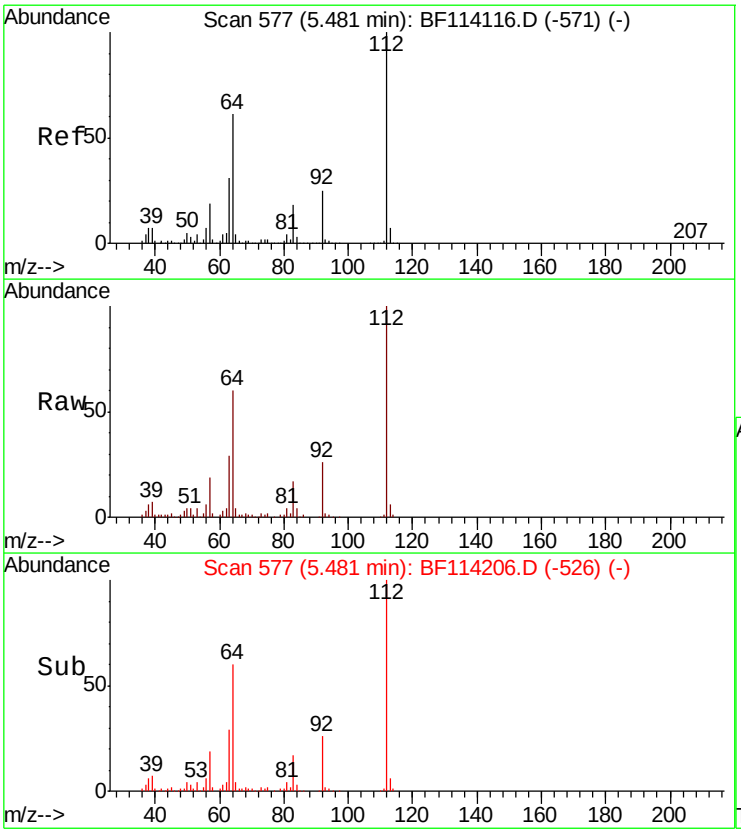
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion:152 Resp: 256510

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.3	186.5
115	59.3	49.1	73.7

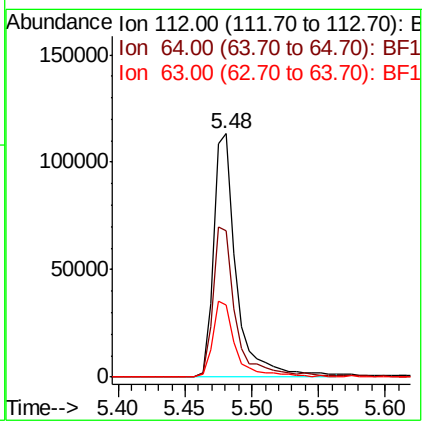


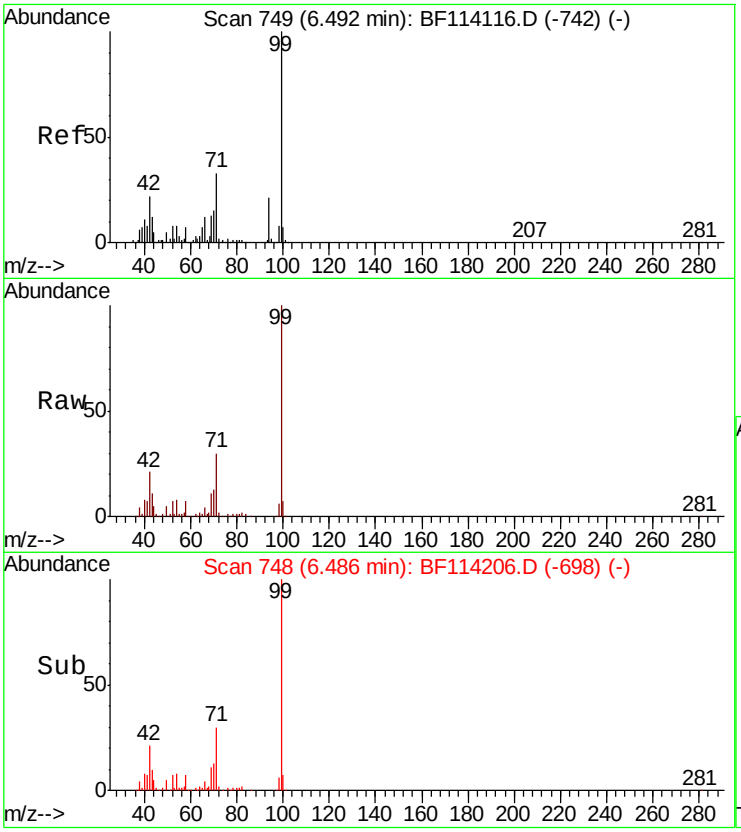


#5
2-Fluorophenol
Concen: 8.619 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion:112 Resp: 137382

Ion	Ratio	Lower	Upper
112	100		
64	60.0	49.0	73.6
63	29.4	24.6	37.0



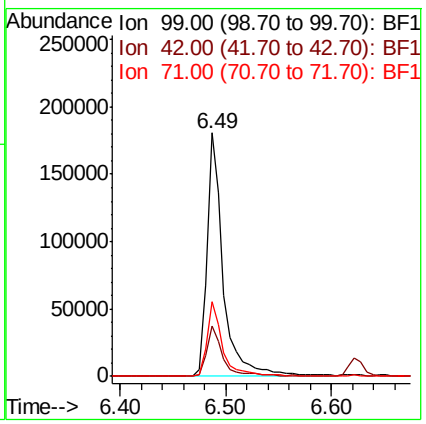


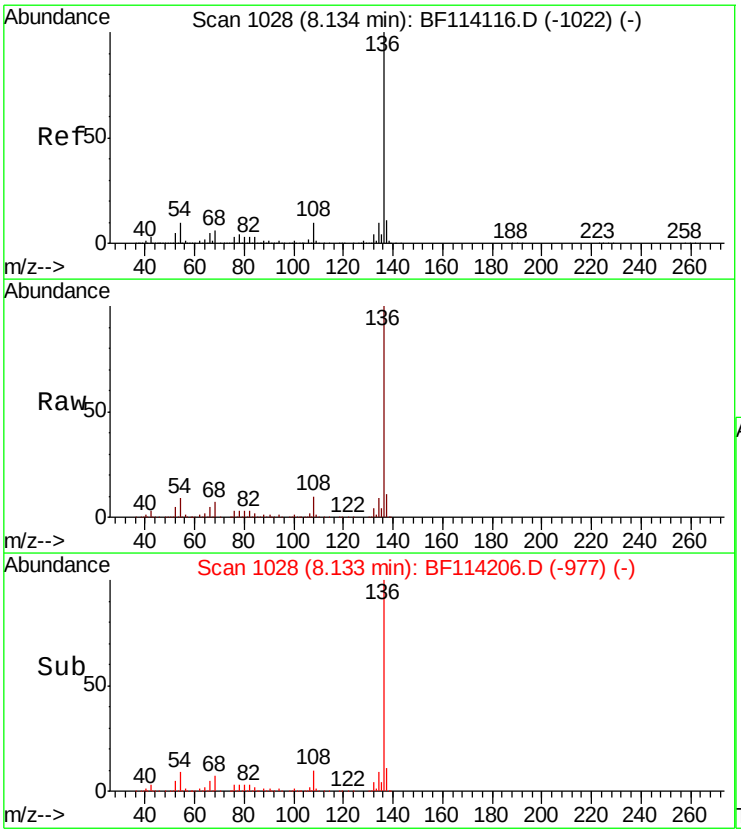
#7
Phenol-d6
Concen: 10.344 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion: 99 Resp: 195016

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.9	26.9
71	30.4	26.2	39.2

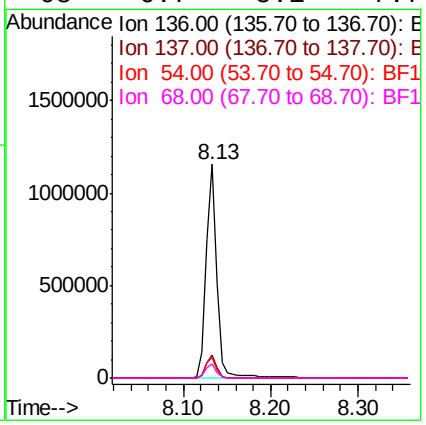


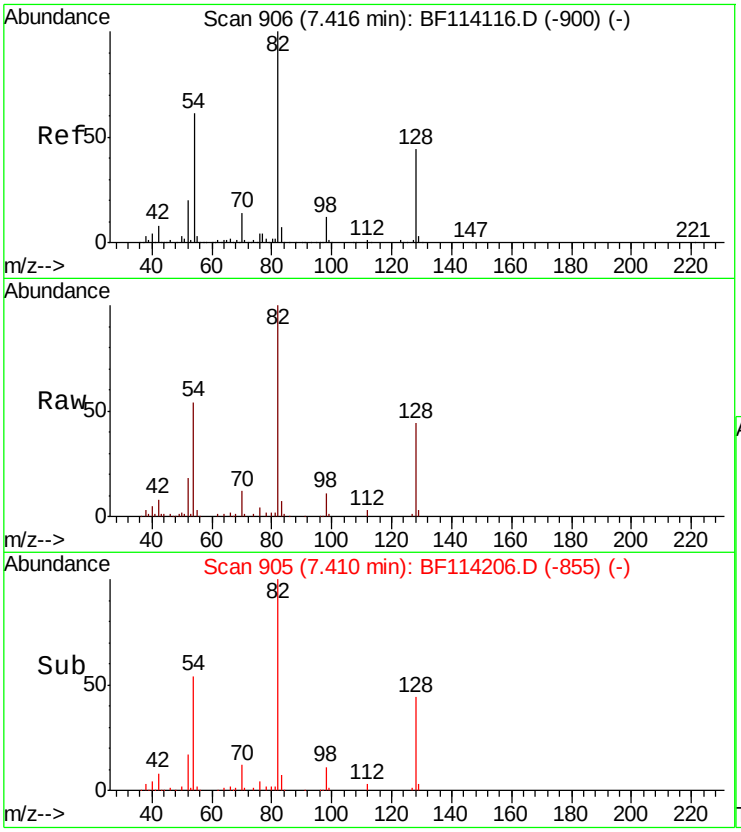


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion:136 Resp: 992113

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.3	7.8	11.8
68	6.7	5.1	7.7



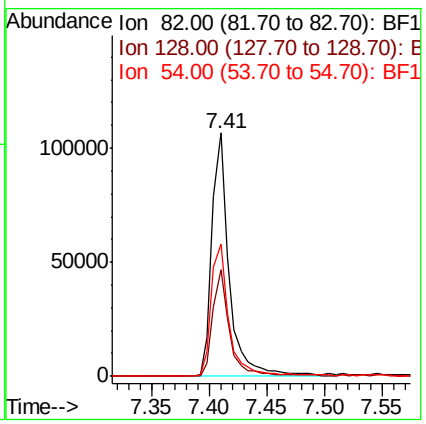


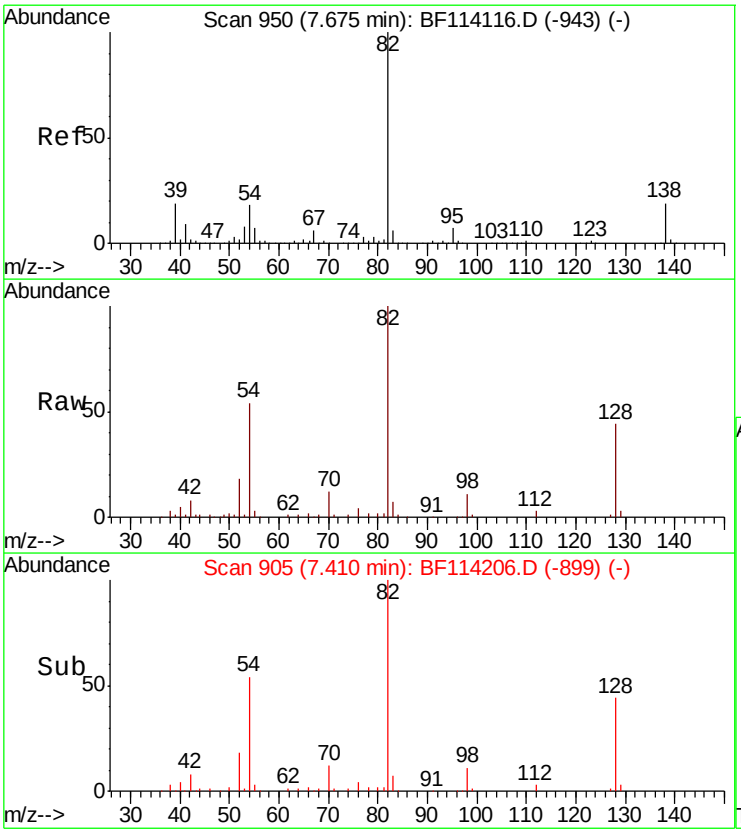
#23
Nitrobenzene-d5
Concen: 6.343 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion: 82 Resp: 112126

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.5	53.3
54	54.2	48.5	72.7

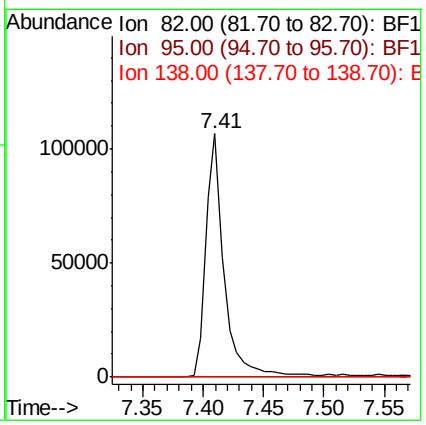


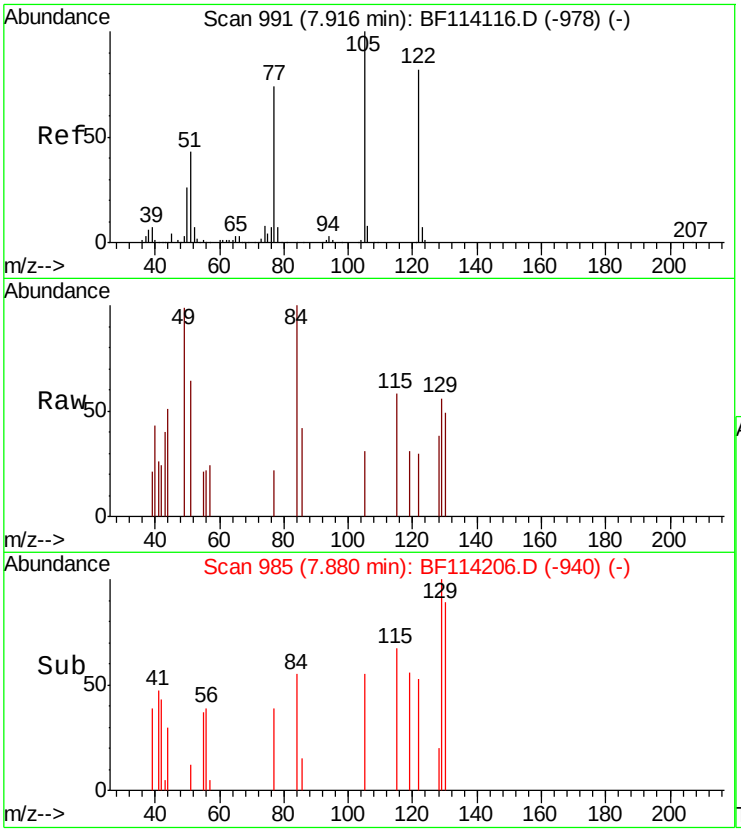


#25
Isophorone
Concen: 3.420 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion: 82 Resp: 112125

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



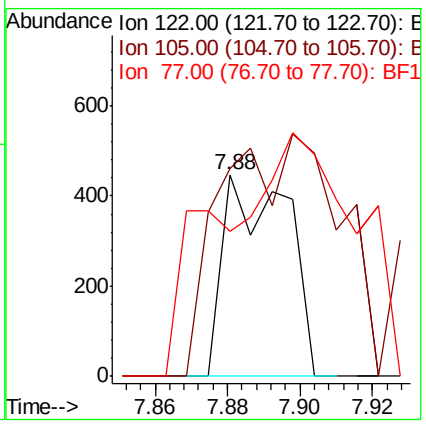


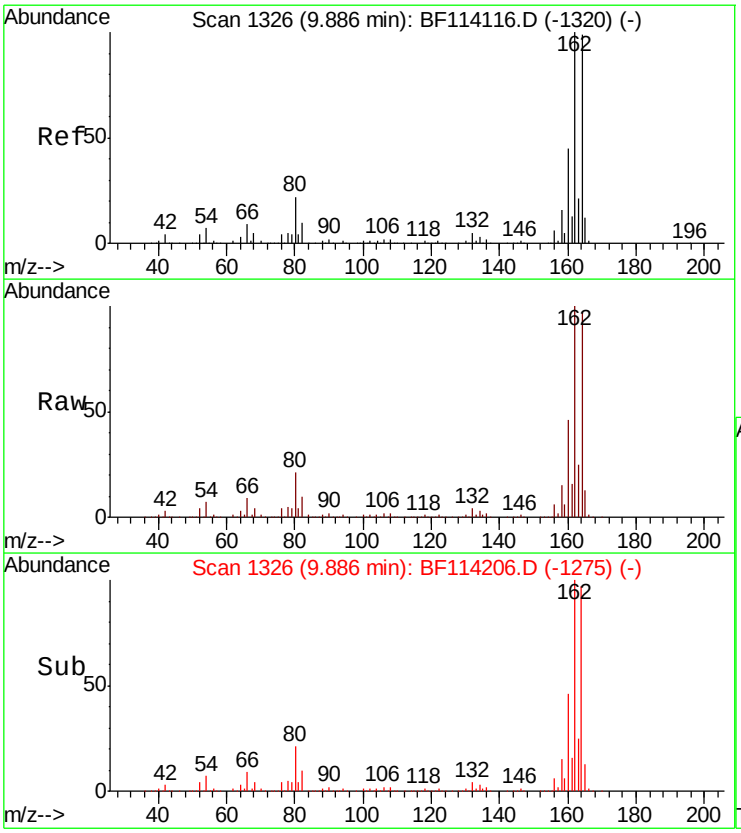
#32
Benzoic acid
Concen: 7.069 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion:122 Resp: 551

Ion	Ratio	Lower	Upper
122	100		
105	102.9	99.9	139.9
77	72.3	69.4	109.4

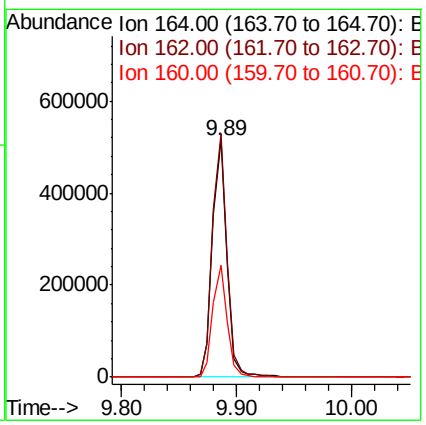


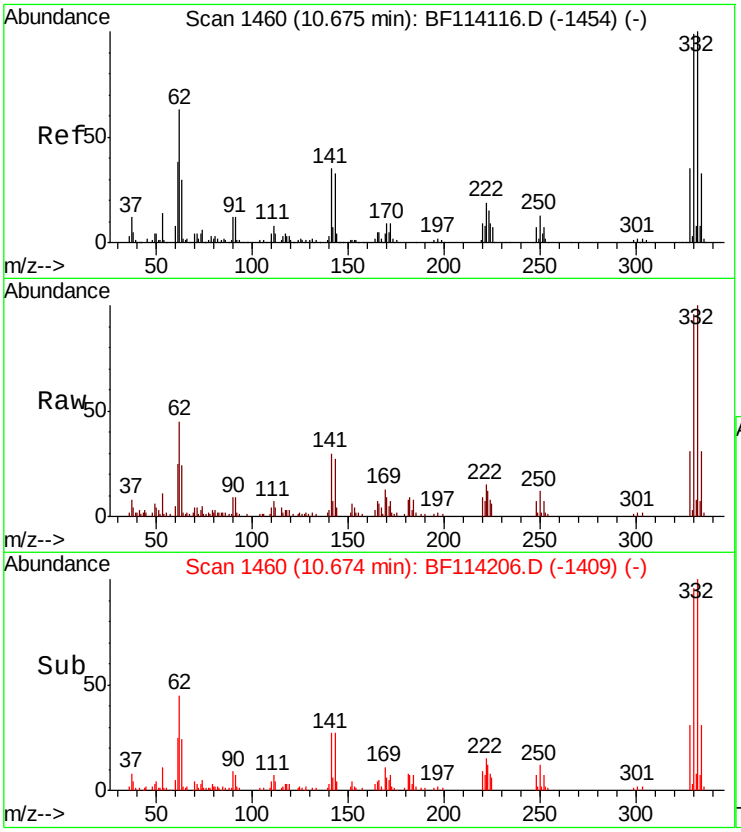


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion:164 Resp: 449215

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	47.2	36.5	54.7



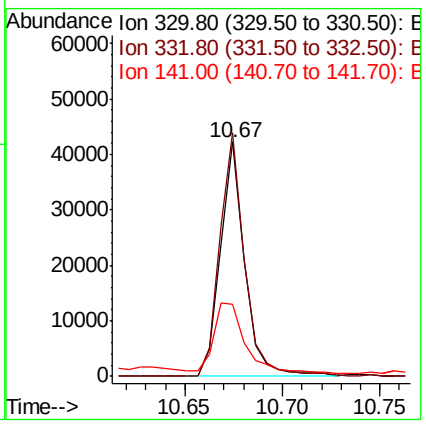


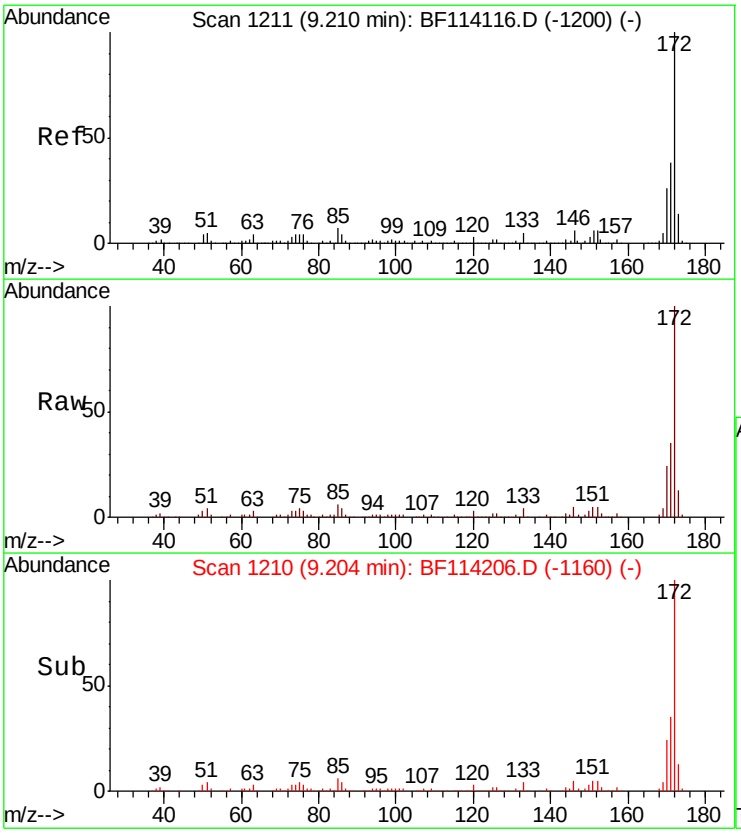
#42
2,4,6-Tribromophenol
Concen: 7.906 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion:330 Resp: 36717

Ion	Ratio	Lower	Upper
330	100		
332	105.7	81.4	122.2
141	42.3	26.6	40.0#

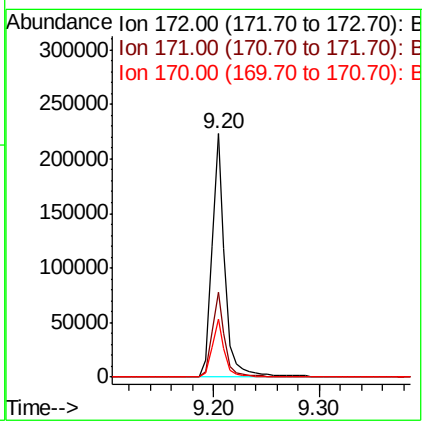


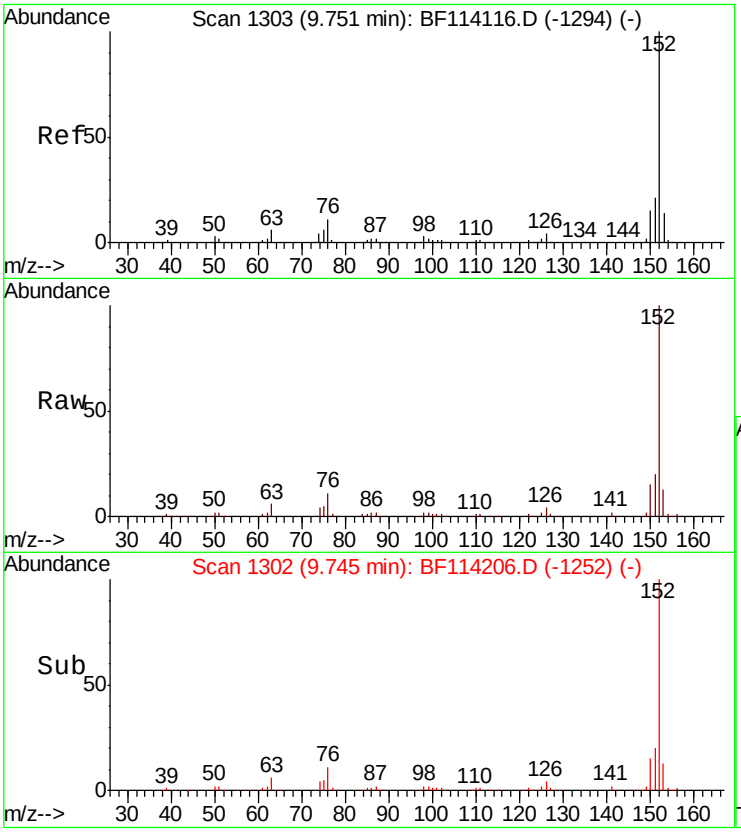


#45
2-Fluorobiphenyl
Concen: 6.607 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion:172 Resp: 196206

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.7	46.1
170	23.6	20.5	30.7



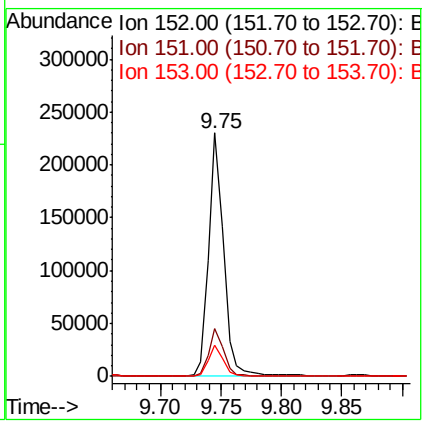


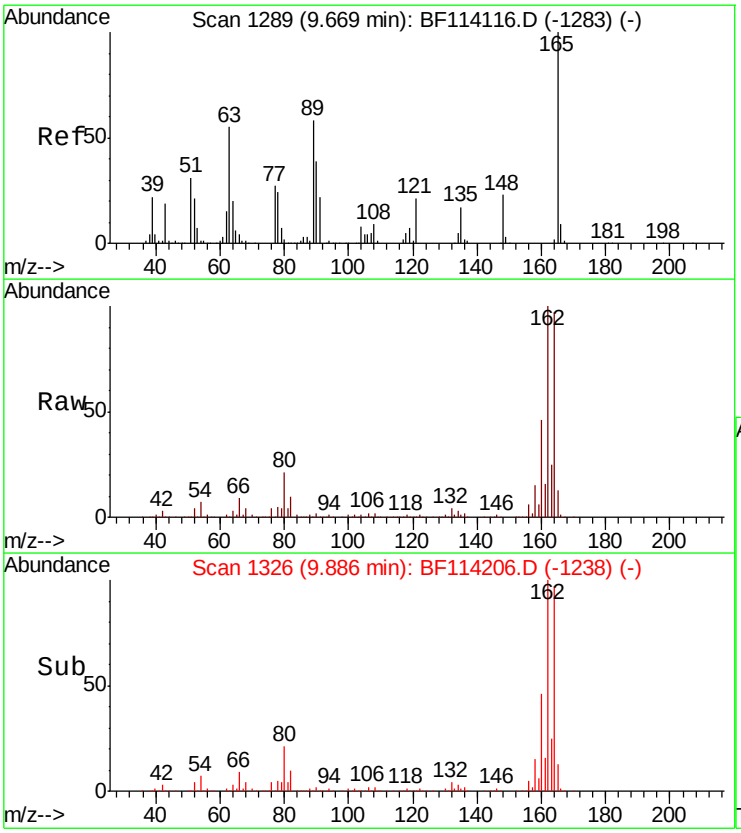
#49
Acenaphthylene
Concen: 4.496 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion:152 Resp: 199701

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	12.6	11.4	17.2

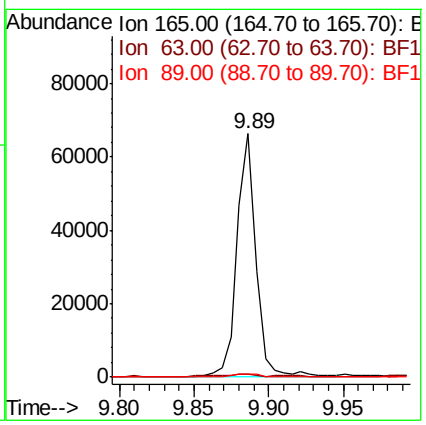


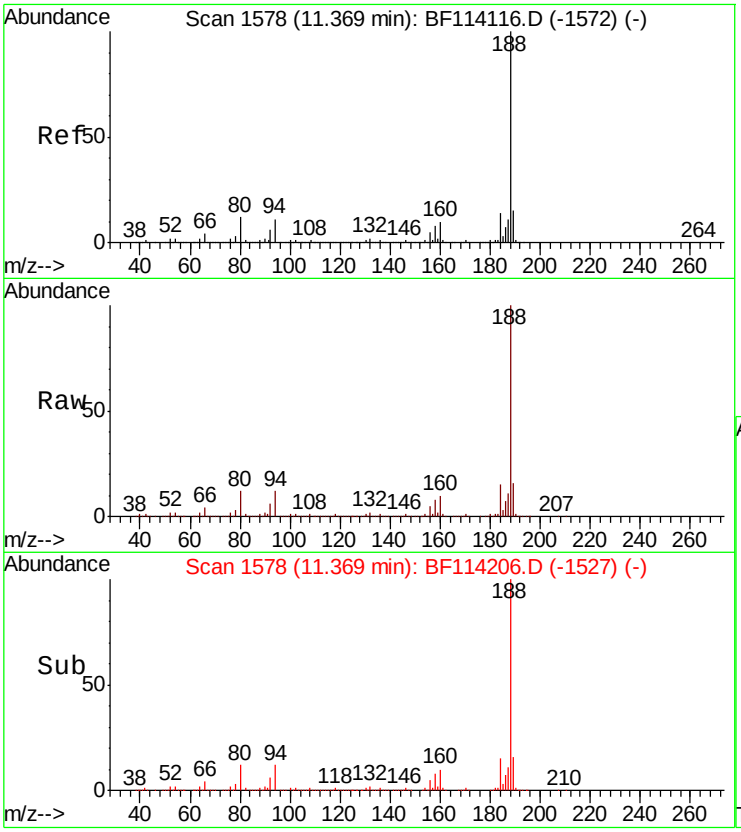


#51
2,6-Dinitrotoluene
Concen: 8.174 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.22 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion:165 Resp: 59787

Ion	Ratio	Lower	Upper
165	100		
63	1.4	50.2	75.4#
89	1.3	46.6	69.8#



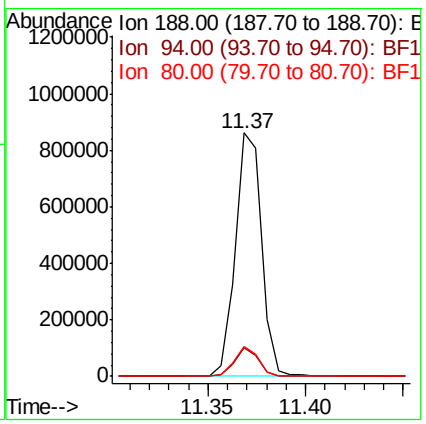


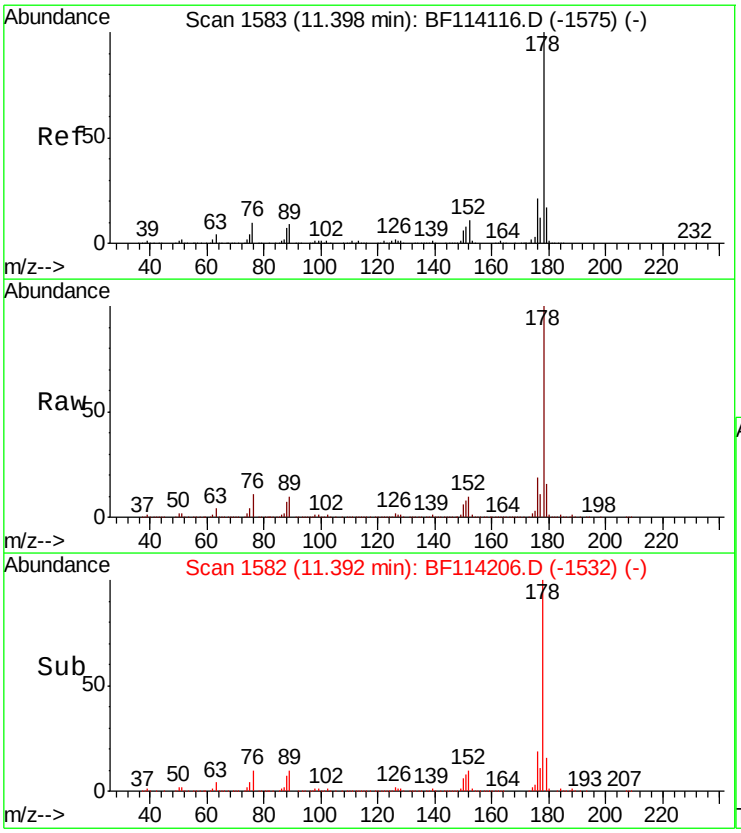
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion:188 Resp: 804134

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.4	12.6
80	12.2	9.2	13.8

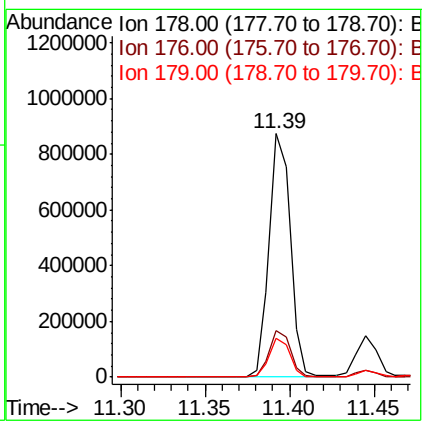


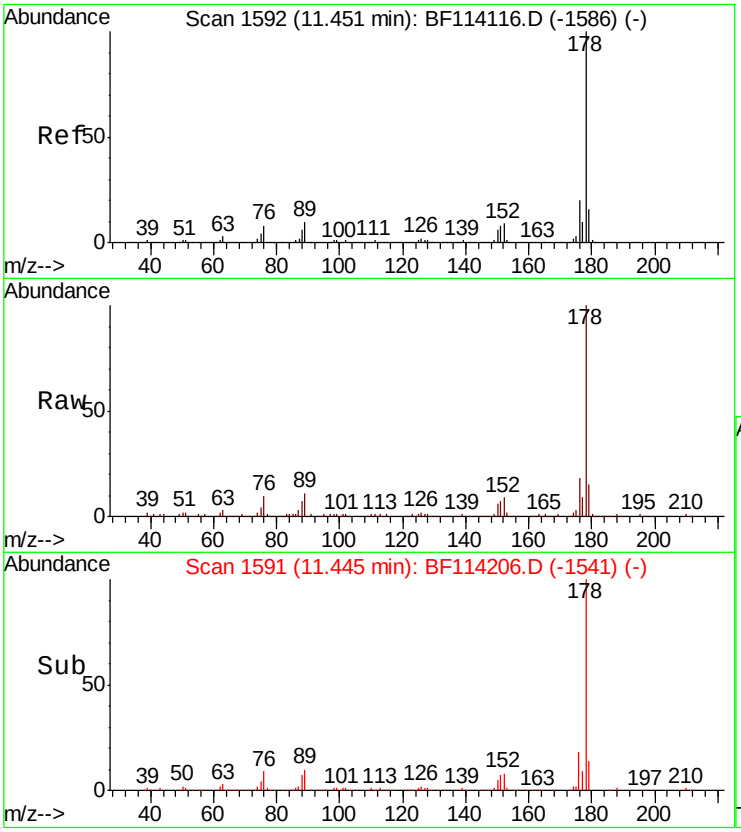


#71
Phenanthrene
Concen: 19.581 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion:178 Resp: 766038

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.4	24.6
179	16.0	13.2	19.8



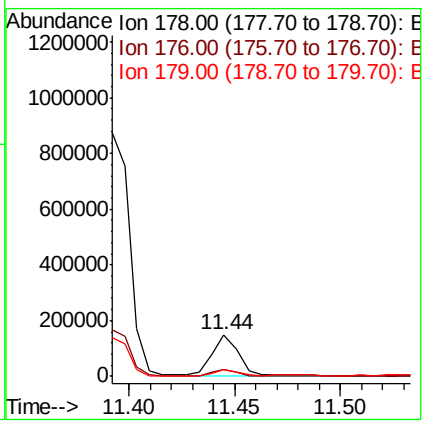


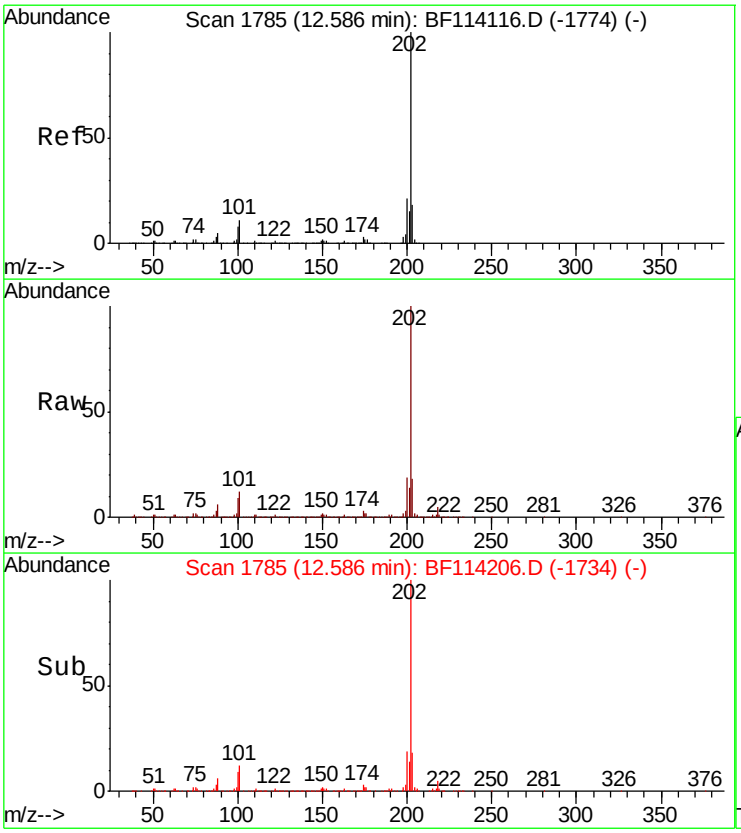
#72
Anthracene
Concen: 3.380 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion:178 Resp: 132813

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	15.3	13.0	19.4

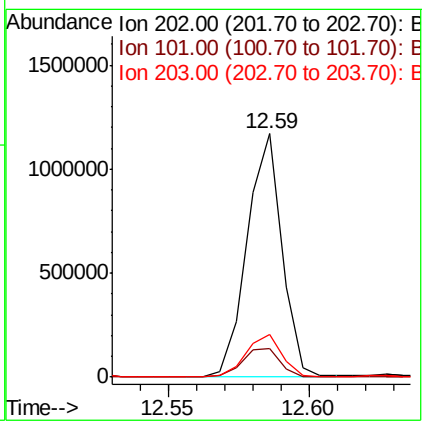


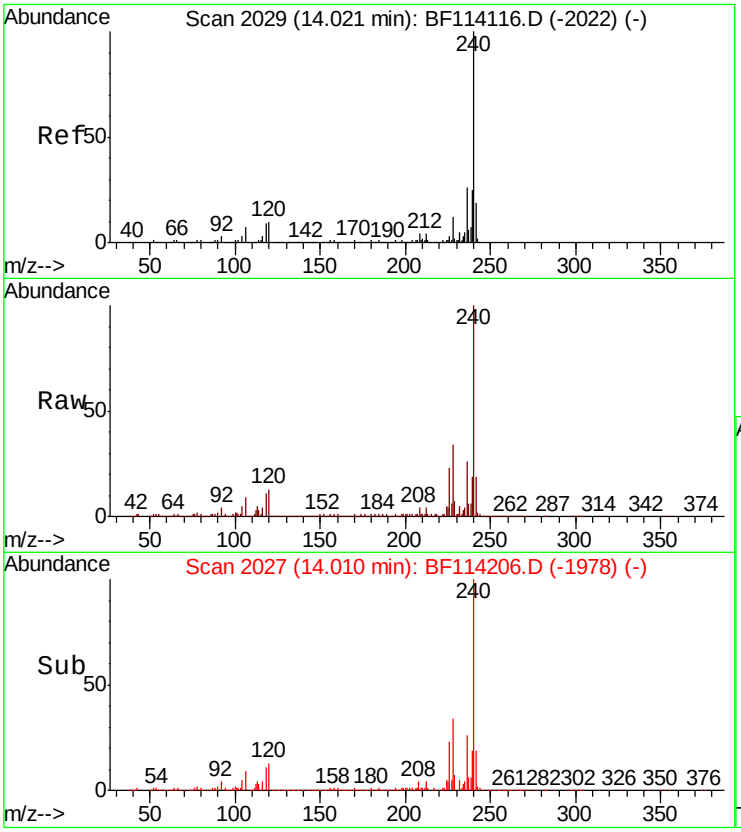


#75
Fluoranthene
Concen: 23.734 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion:202 Resp: 999916

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.0
203	17.7	0.0	38.4



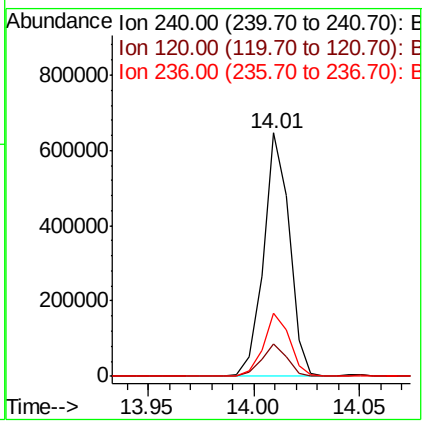


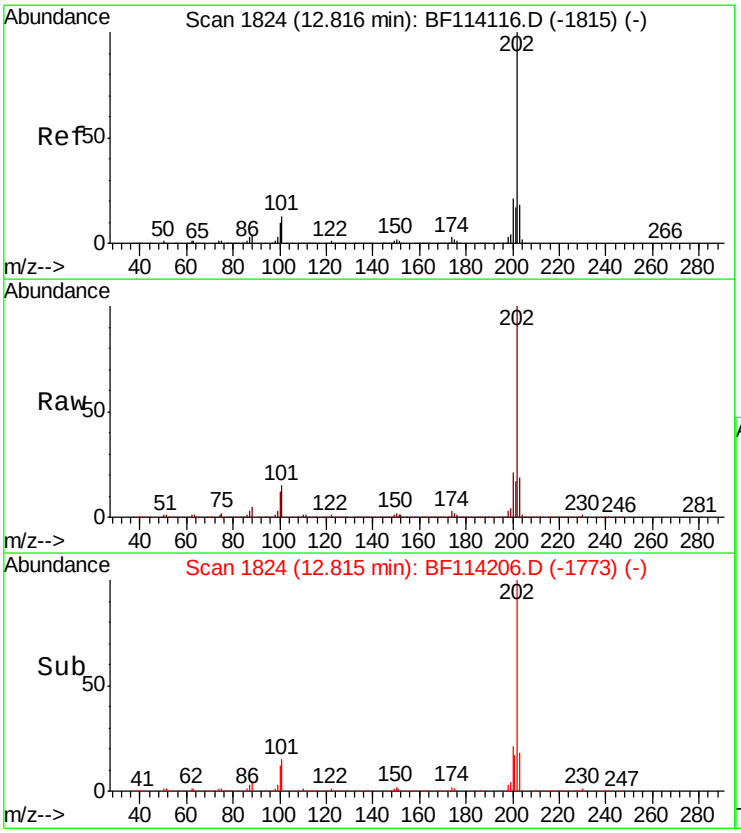
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion:240 Resp: 549673

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.3	12.5#
236	25.7	20.8	31.2

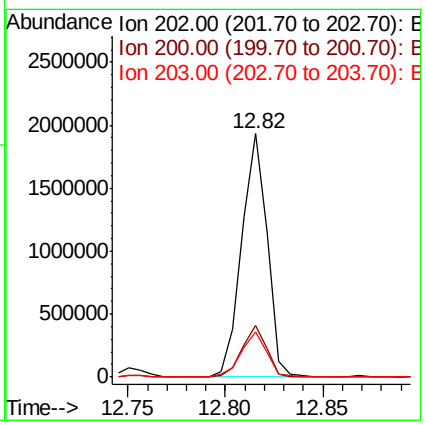


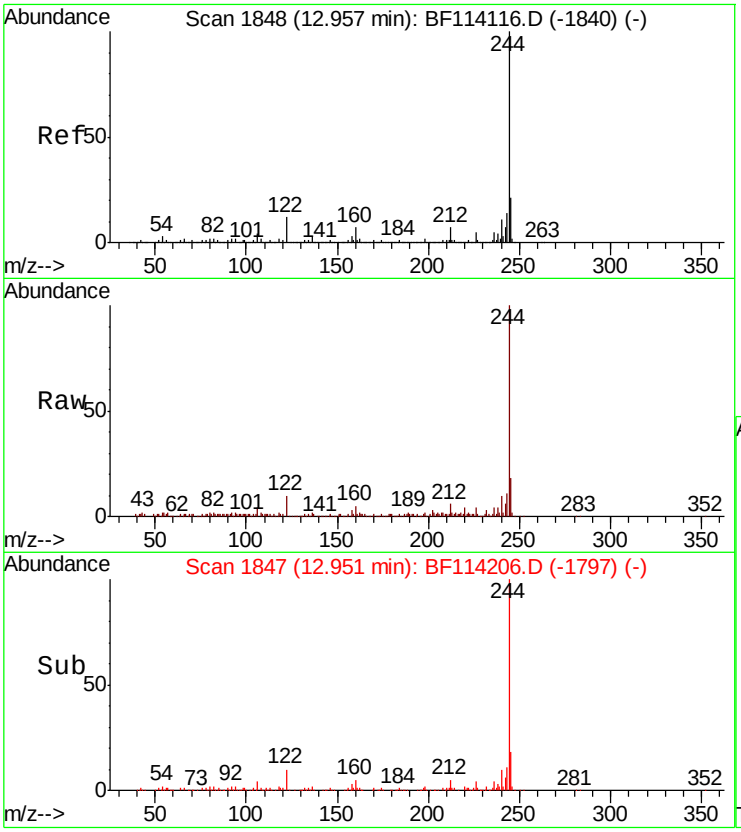


#78
Pyrene
Concen: 39.293 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion:202 Resp: 1737468

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.6	14.5	21.7



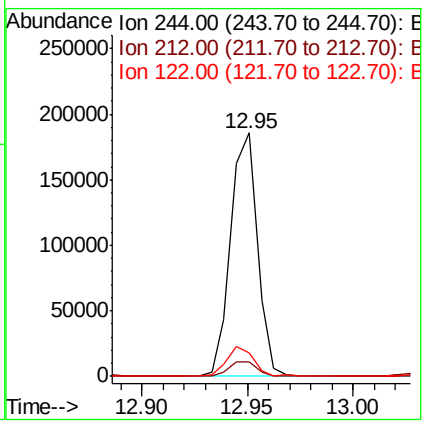


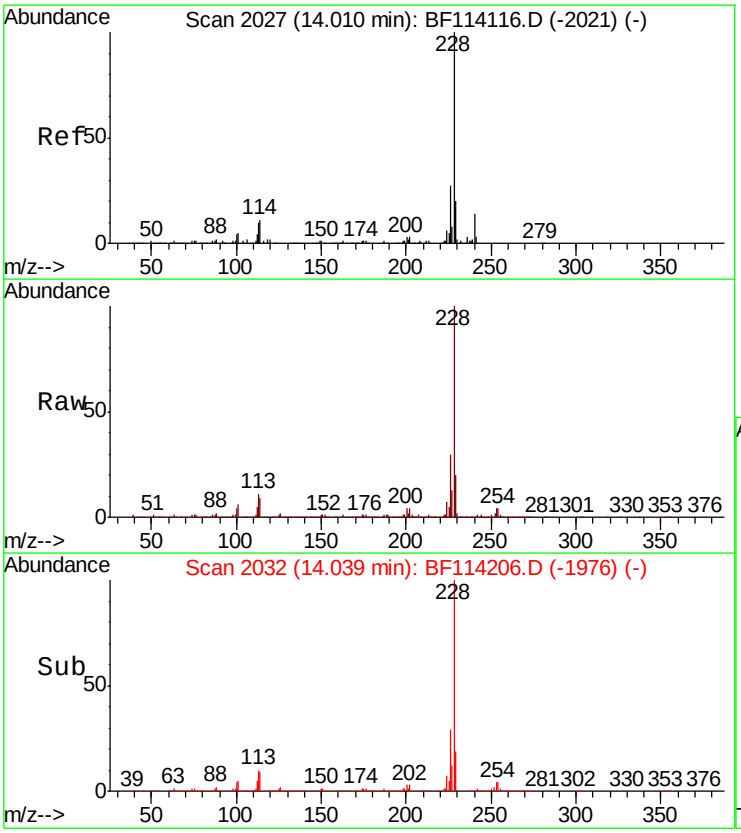
#79
Terphenyl-d14
Concen: 6.116 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion:244 Resp: 163077

Ion	Ratio	Lower	Upper
244	100		
212	5.7	5.8	8.6#
122	9.7	9.4	14.2

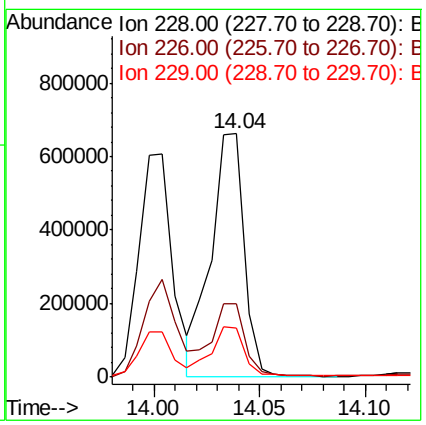


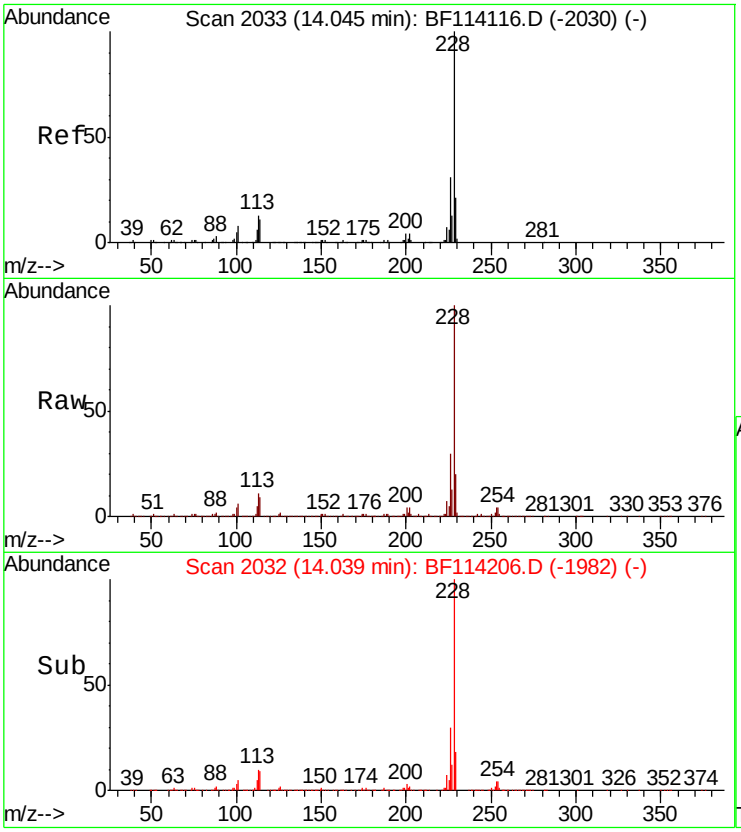


#81
Benzo(a)anthracene
Concen: 20.279 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.03 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion:228 Resp: 720965

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.2	33.2
229	20.0	16.4	24.6



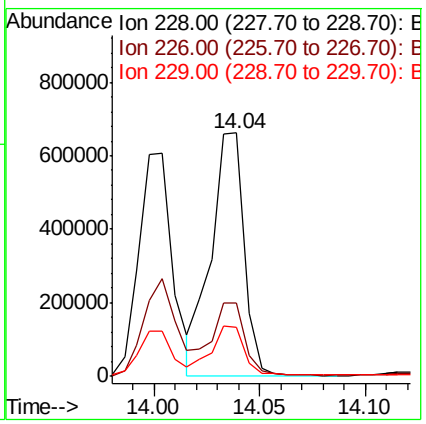


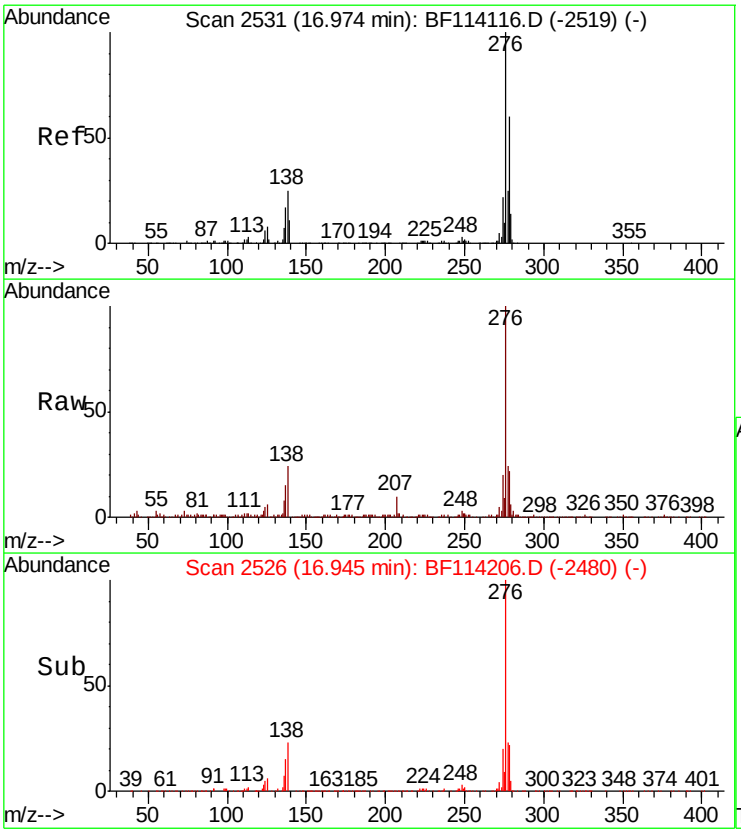
#83
Chrysene
Concen: 20.687 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion:228 Resp: 720965

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.0	17.0	25.6

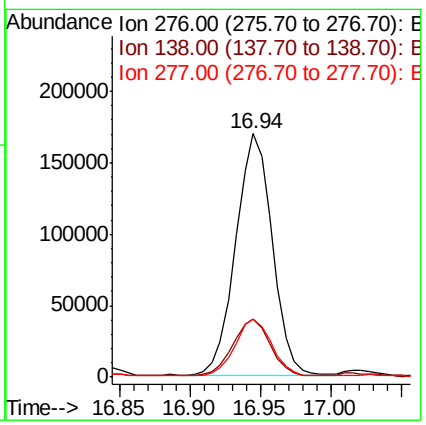


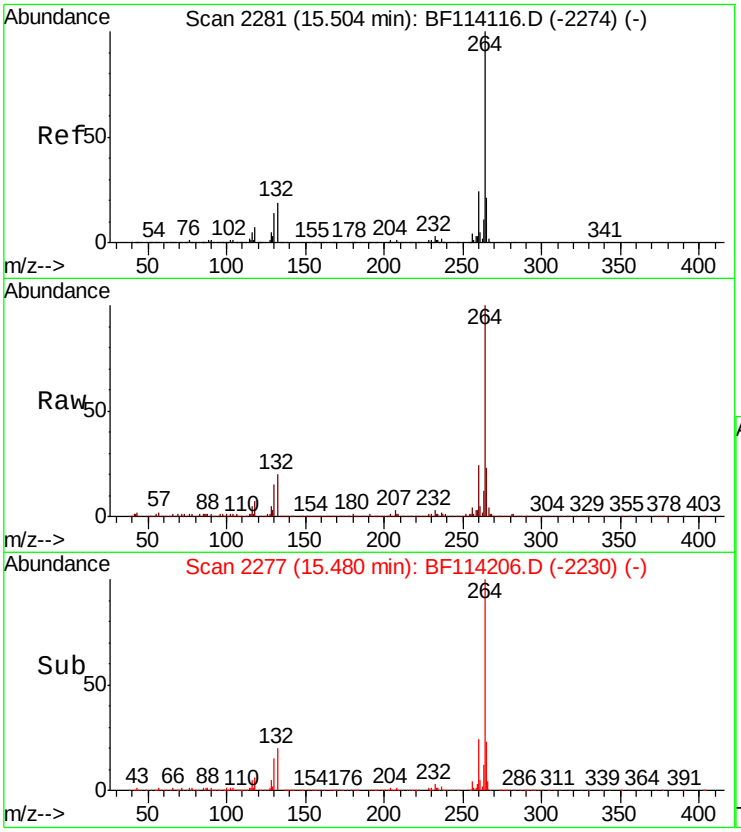


#86
Indeno(1,2,3-cd)pyrene
Concen: 9.962 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.03 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion:276 Resp: 306849

Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.2	30.2
277	23.5	20.0	30.0



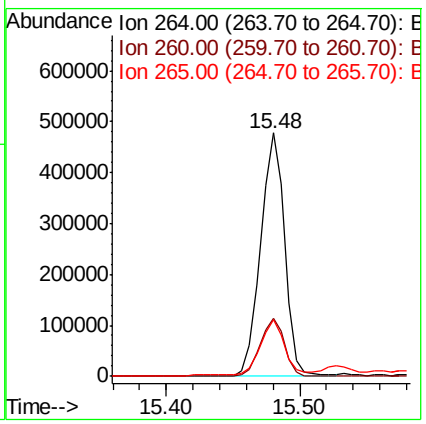


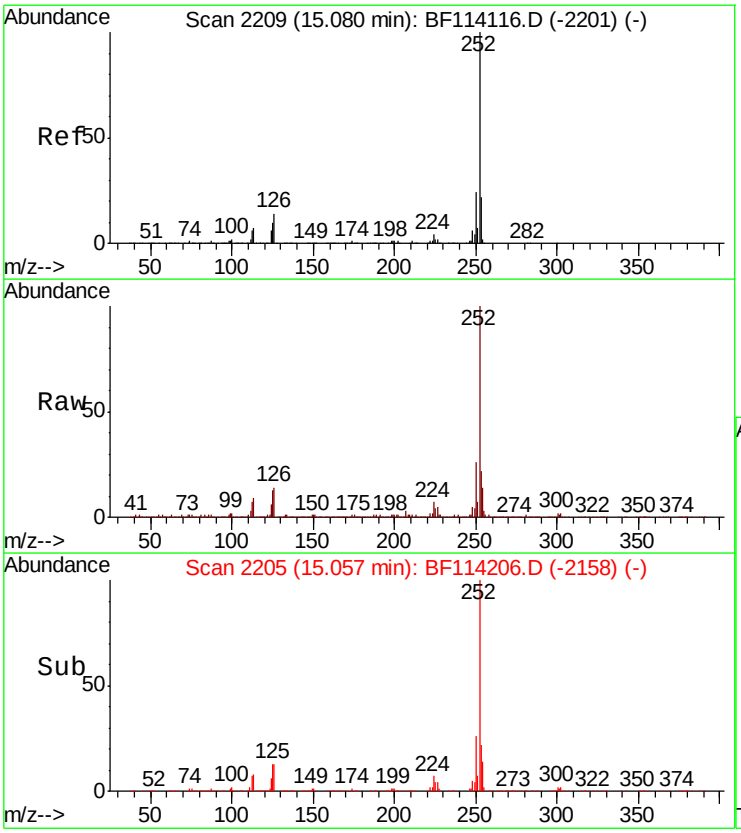
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion:264 Resp: 594002

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	23.2	16.9	25.3

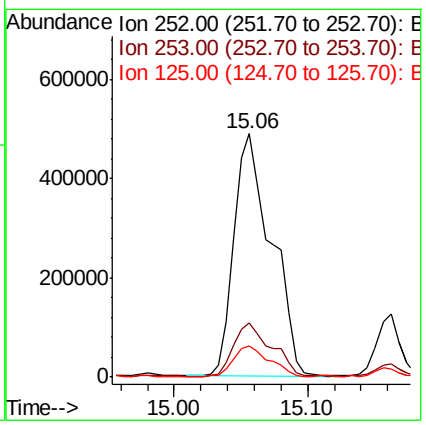


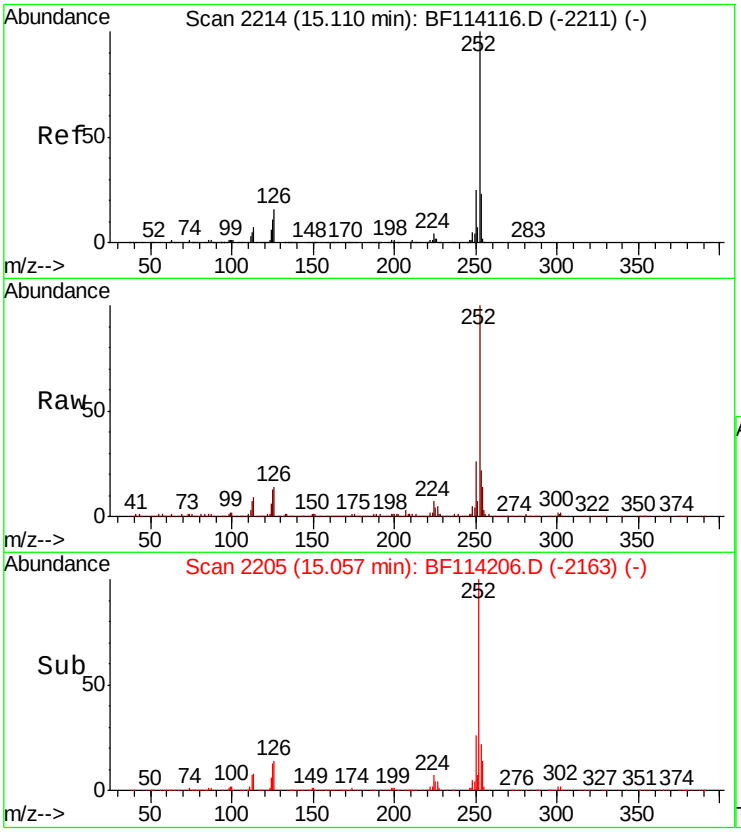


#88
Benzo(b)fluoranthene
Concen: 25.067 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion:252 Resp: 953921

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	12.8	8.3	12.5#



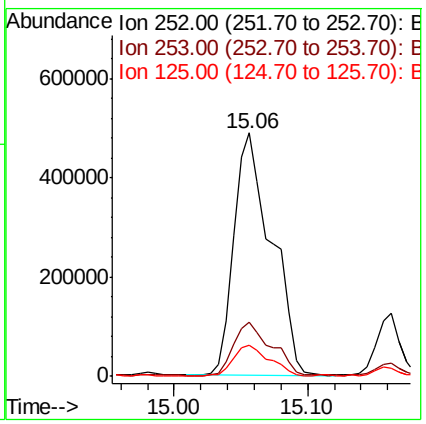


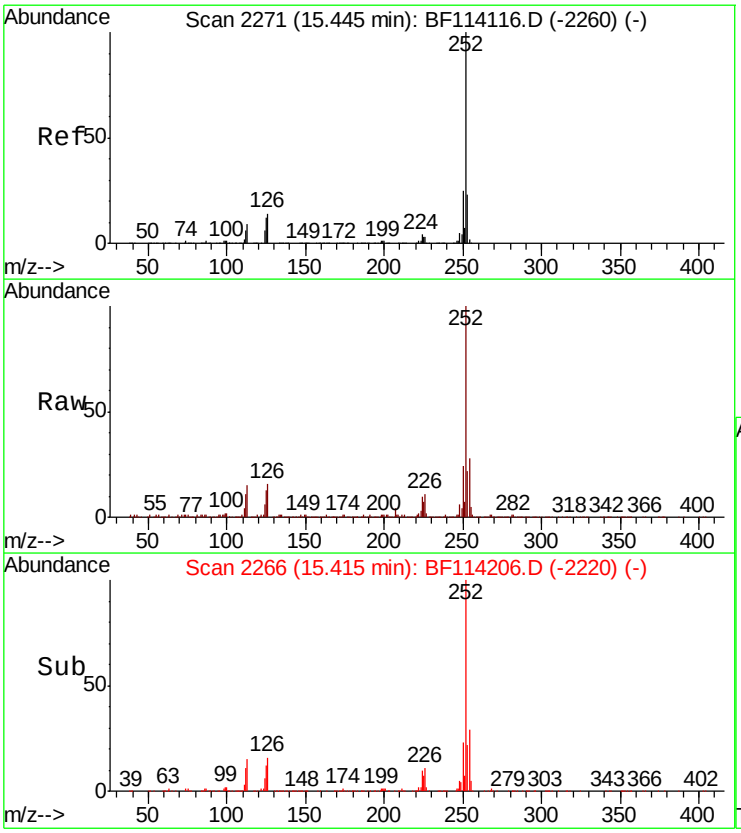
#89
Benzo(k)fluoranthene
Concen: 27.288 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.05 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion:252 Resp: 953921

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	12.8	8.6	13.0

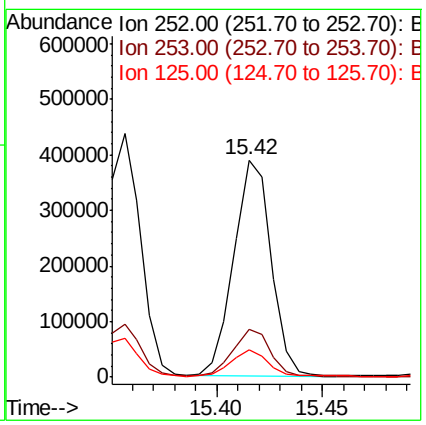


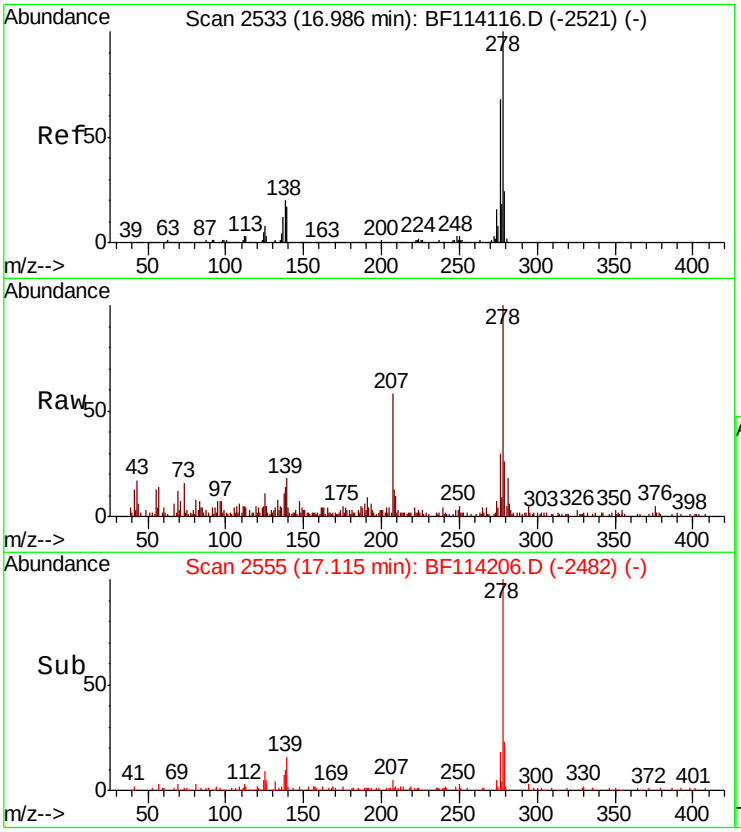


#90
Benzo(a)pyrene
Concen: 14.263 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion:252 Resp: 477699

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.6	9.5	14.3



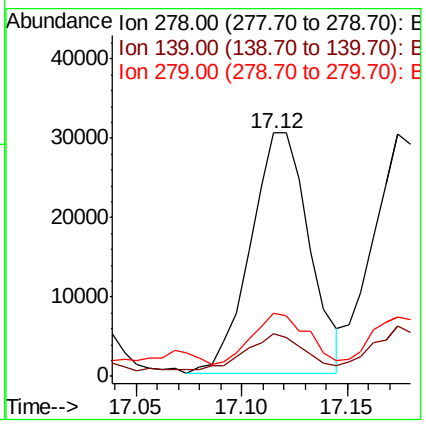


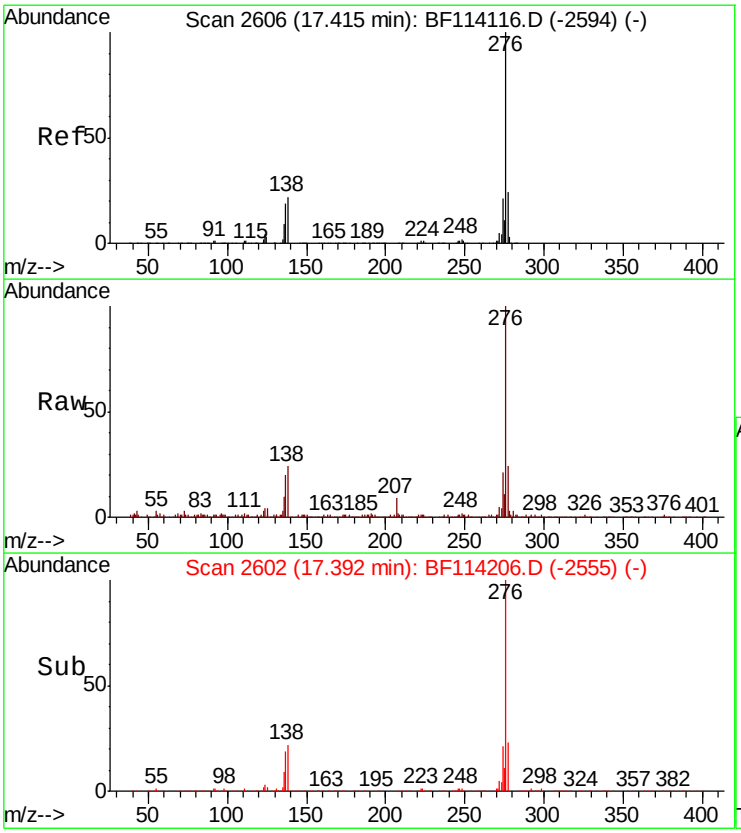
#91
Dibenzo(a,h)anthracene
Concen: 2.106 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.13 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Instrument :
BNA_F
ClientSampleId :
P026-SS009-0206-01

Tgt Ion:278 Resp: 58618

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.5	20.3
279	25.9	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 12.370 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BF114206.D
Acq: 12 May 2019 21:16

Tgt Ion:276 Resp: 344988

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	23.7	17.8	26.6