Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006728.D
Acq On : 05 Jul 2019 22:19
Operator : HP/JU
Sample : K3558-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-015-SW081-062519

Quant Time: Jul 06 00:01:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2727	0.40	ng		-0.02
7) Naphthalene-d8	10.38	136	10855	0.40	ng		-0.01
13) Acenaphthene-d10	14.24	164	6696	0.40	ng		-0.02
19) Phenanthrene-d10	17.00	188	15543	0.40	ng		-0.02
27) Chrysene-d12	21.23	240	15367	0.40	ng		-0.03
34) Perylene-d12	23.45	264	17670	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	1263	0.17	ng		0.00
5) Phenol-d6	6.81	99	1776	0.19	ng		-0.02
8) Nitrobenzene-d5	8.81	82	1011	0.12	ng		0.01
11) 2-Methylnaphthalene-d10	11.98	152	2733	0.17	ng		-0.02
14) 2,4,6-Tribromophenol	15.77	330	542	0.16	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	3715	0.14	ng		-0.02
25) Fluoranthene-d10	19.05	212	5972	0.13	ng		-0.03
29) Terphenyl-d14	19.65	244	4190	0.12	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.41	128	2966	0.100	ng	#	88
16) Acenaphthylene	13.96	152	4624	0.139	ng		99
17) Acenaphthene	14.31	154	1309	0.062	ng		97
18) Fluorene	15.31	166	2057	0.078	ng	#	95
22) Pentachlorophenol	16.75	266	5	0.114	ng	#	74
23) Phenanthrene	17.05	178	48724	1.088	ng		100
24) Anthracene	17.14	178	6491	0.160	ng		99
26) Fluoranthene	19.08	202	66785	1.270	ng		99
28) Pyrene	19.44	202	67319	1.095	ng		98
30) Benzo(a)anthracene	21.20	228	26964	0.509	ng		96
31) Chrysene	21.26	228	33044	0.605	ng		97
33) Indeno(1,2,3-cd)pyrene	25.67	276	22074	0.338	ng		94
35) Benzo(b)fluoranthene	22.79	252	43164	0.761	ng		96
36) Benzo(k)fluoranthene	22.79	252	43164	0.702	ng		97
37) Benzo(a)pyrene	23.26	252	24486	0.446	ng		97
38) Dibenzo(a,h)anthracene	25.67	278	5627	0.103	ng	#	81
39) Benzo(g,h,i)perylene	26.35	276	23997	0.427	ng		97

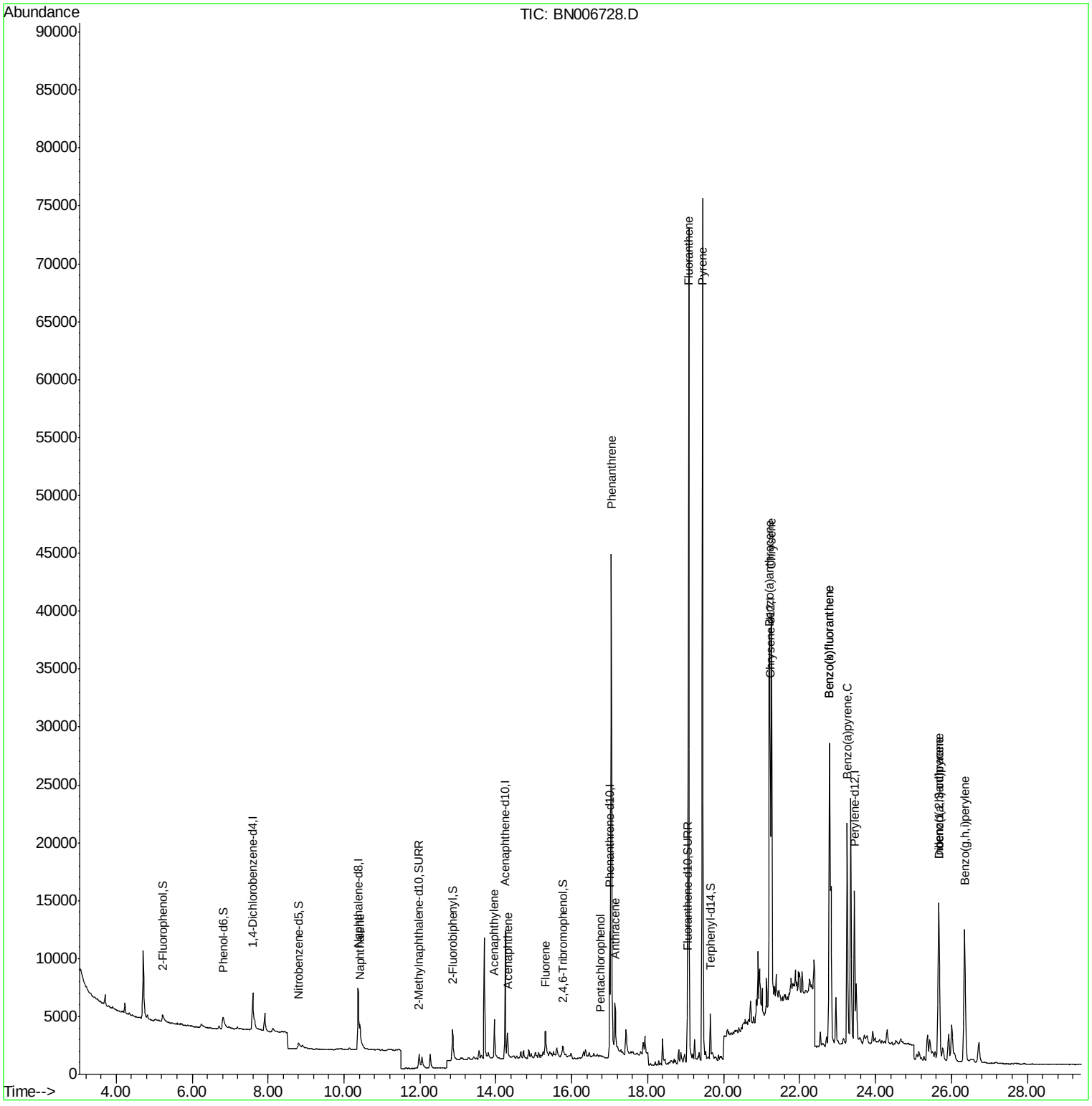
(#) = qualifier out of range (m) = manual integration (+) = signals summed

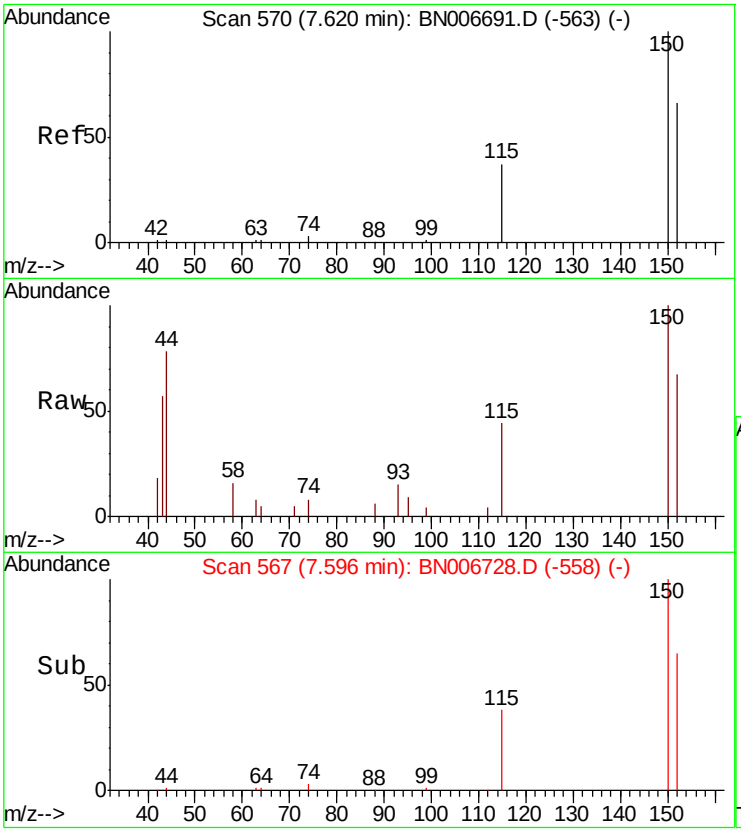
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006728.D
Acq On : 05 Jul 2019 22:19
Operator : HP/JU
Sample : K3558-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Quant Time: Jul 06 00:01:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration



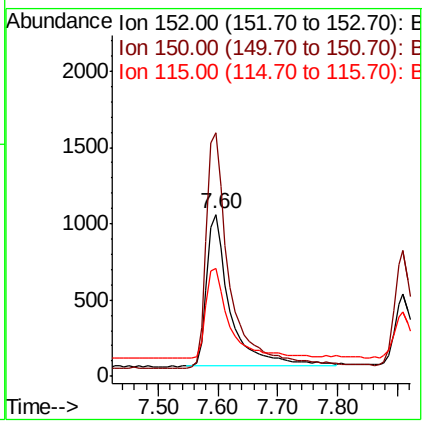


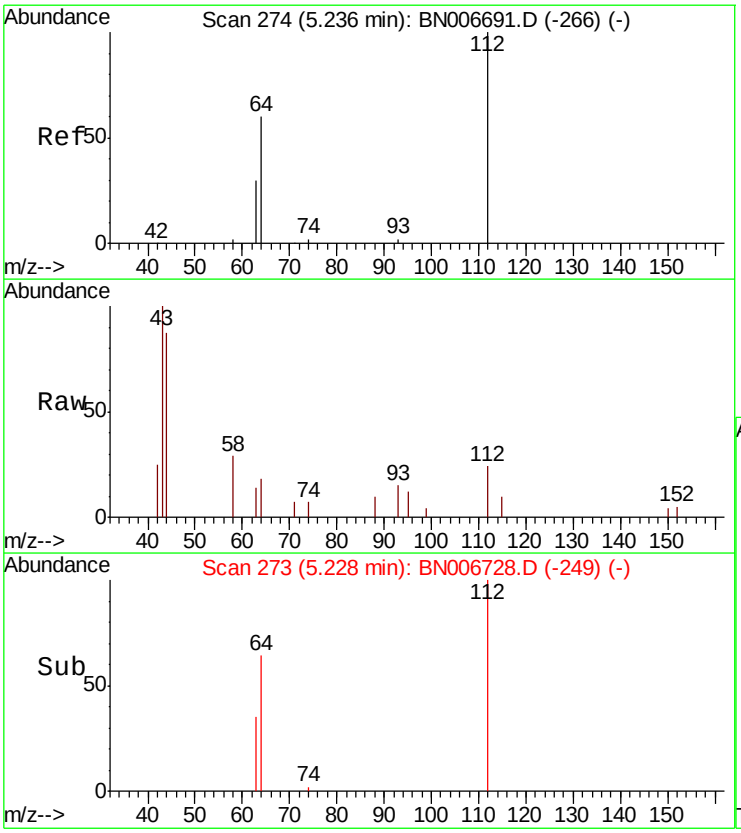
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:152 Resp: 2727

Ion	Ratio	Lower	Upper
152	100		
150	150.3	120.6	181.0
115	66.9	51.0	76.6

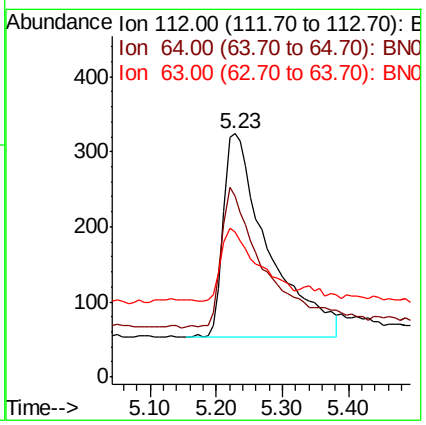


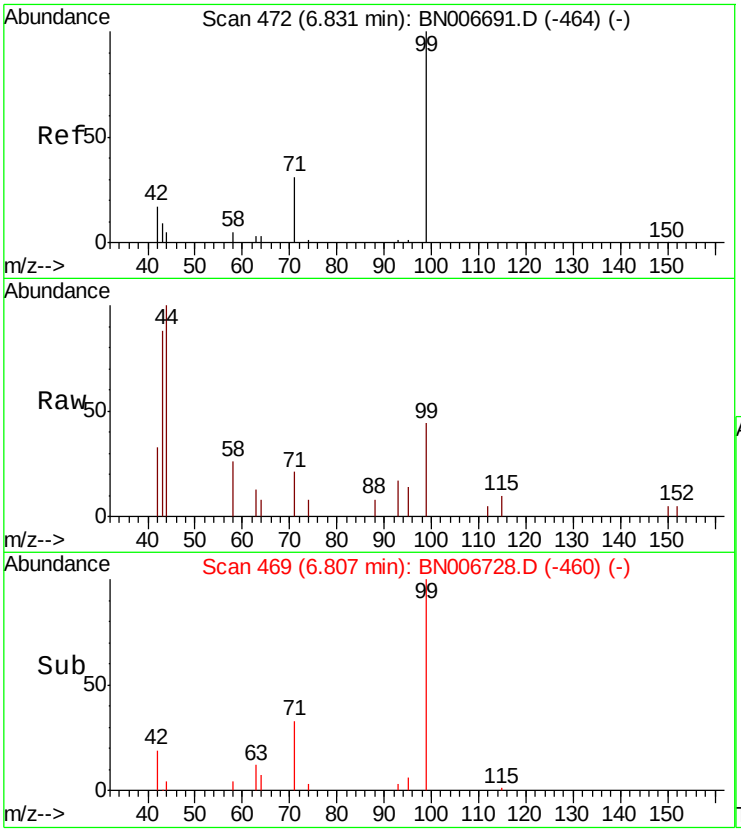


#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.23 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:112 Resp: 1263

Ion	Ratio	Lower	Upper
112	100		
64	68.3	49.8	74.6
63	30.1	25.8	38.6



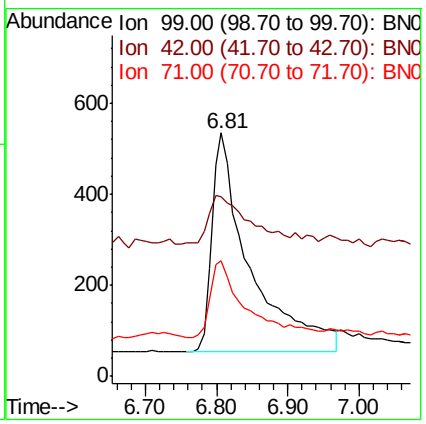


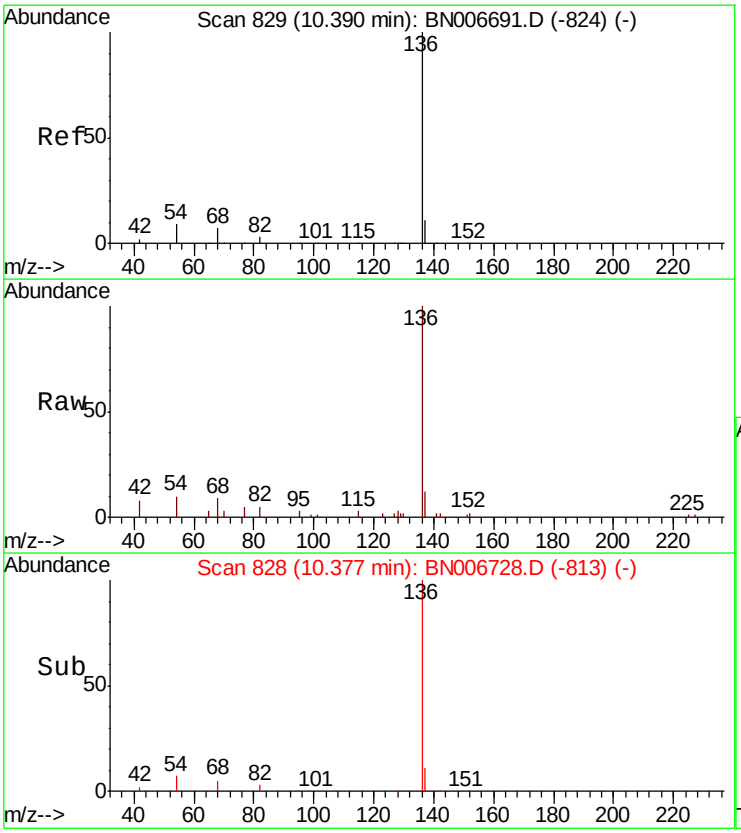
#5
Phenol-d6
Concen: 0.189 ng
RT: 6.81 min Scan# 469
Delta R.T. -0.02 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion: 99 Resp: 1776

Ion	Ratio	Lower	Upper
99	100		
42	22.7	16.6	25.0
71	34.4	26.0	39.0

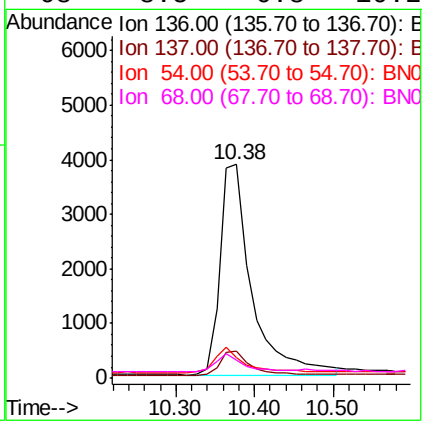


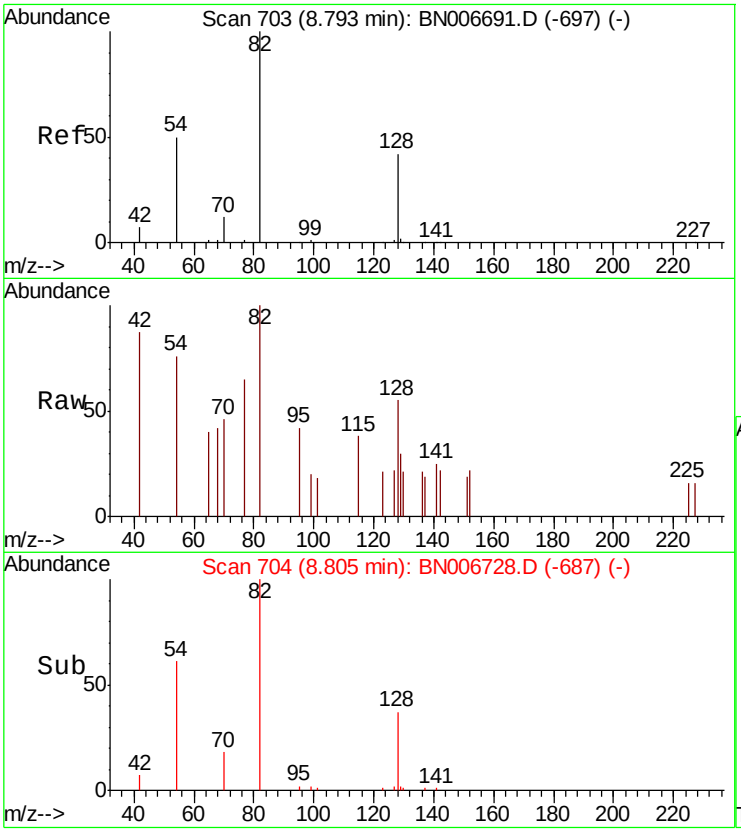


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 828
Delta R.T. -0.01 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:136 Resp: 10855

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	9.9	8.4	12.6
68	8.5	6.8	10.2



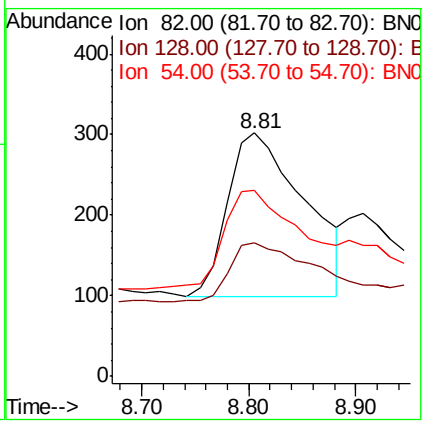


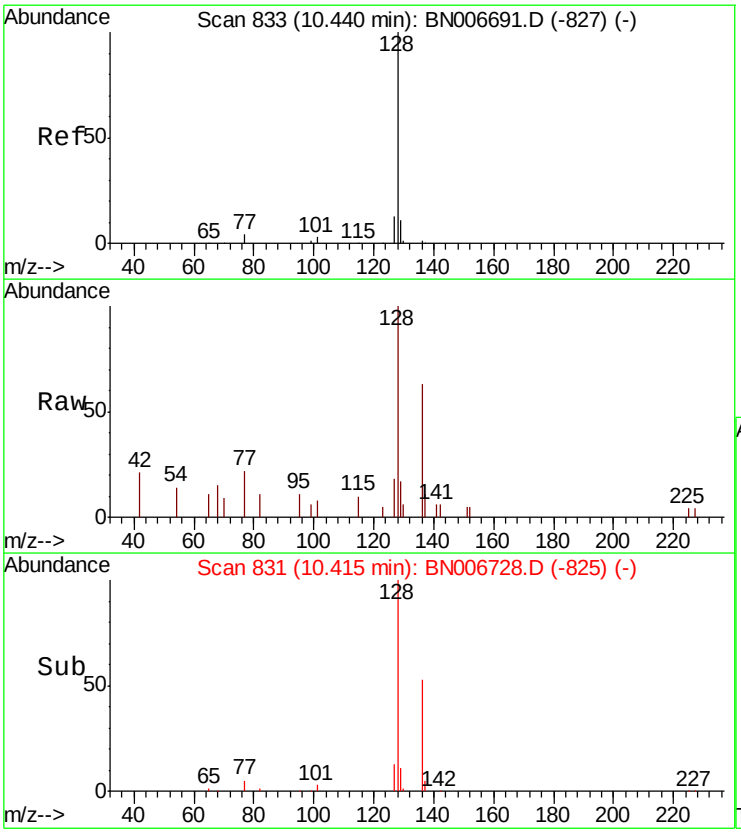
#8
Nitrobenzene-d5
Concen: 0.121 ng
RT: 8.81 min Scan# 704
Delta R.T. 0.01 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion: 82 Resp: 1011

Ion	Ratio	Lower	Upper
82	100		
128	55.0	36.1	54.1#
54	76.5	44.5	66.7#

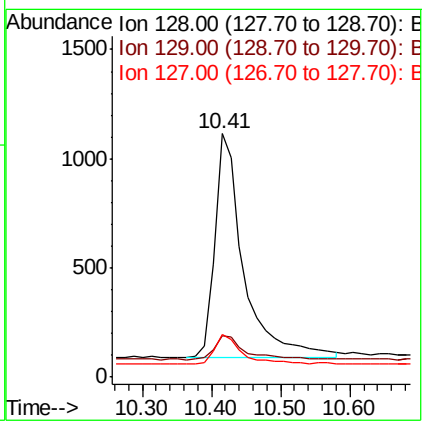


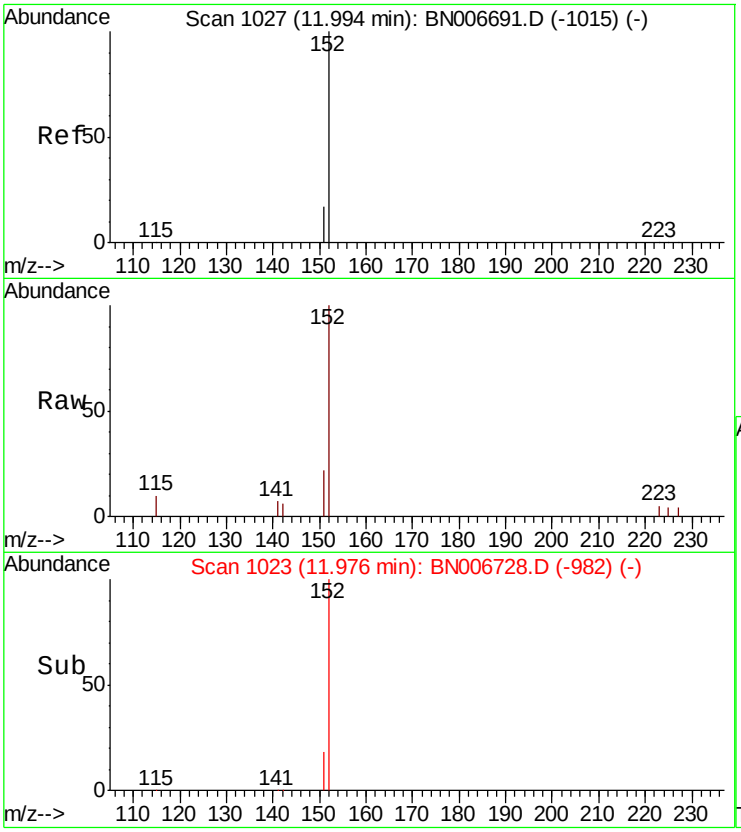


#9
Naphthalene
Concen: 0.100 ng
RT: 10.41 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:128 Resp: 2966

Ion	Ratio	Lower	Upper
128	100		
129	17.2	9.6	14.4#
127	17.8	11.0	16.4#



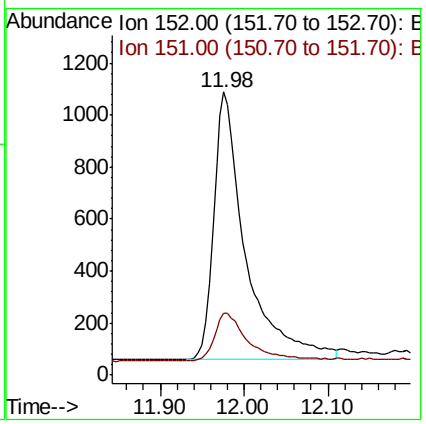


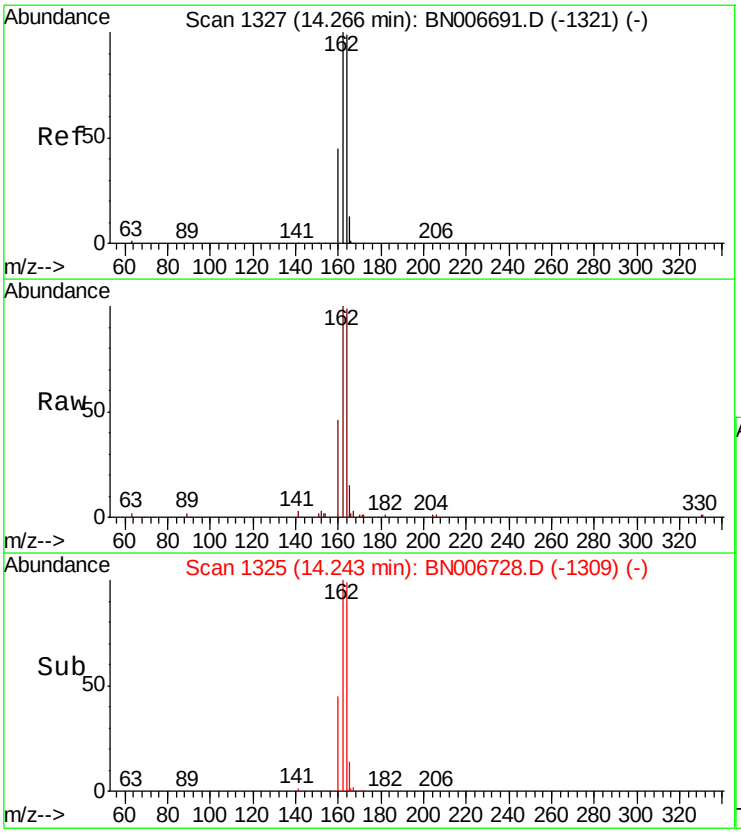
#11
2-Methylnaphthalene-d10
Concen: 0.167 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:152 Resp: 2733

Ion	Ratio	Lower	Upper
152	100		
151	19.1	14.9	22.3

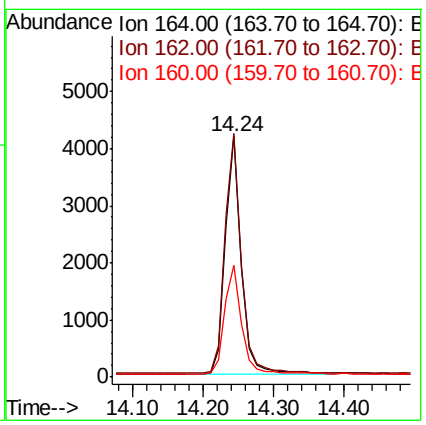


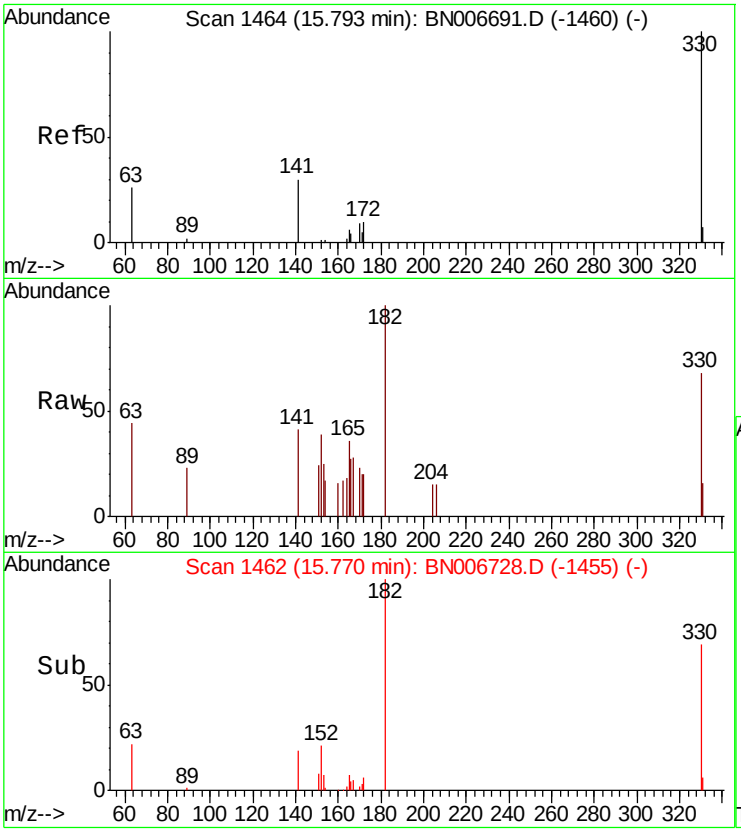


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:164 Resp: 6696

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.8	121.2
160	46.5	37.0	55.6



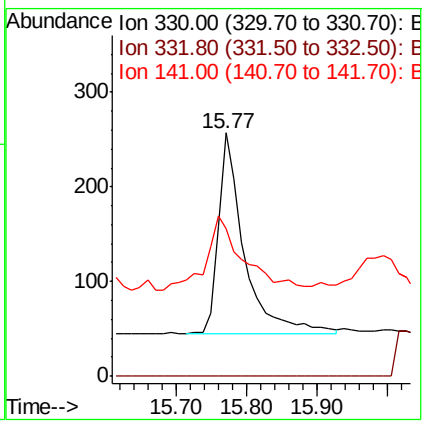


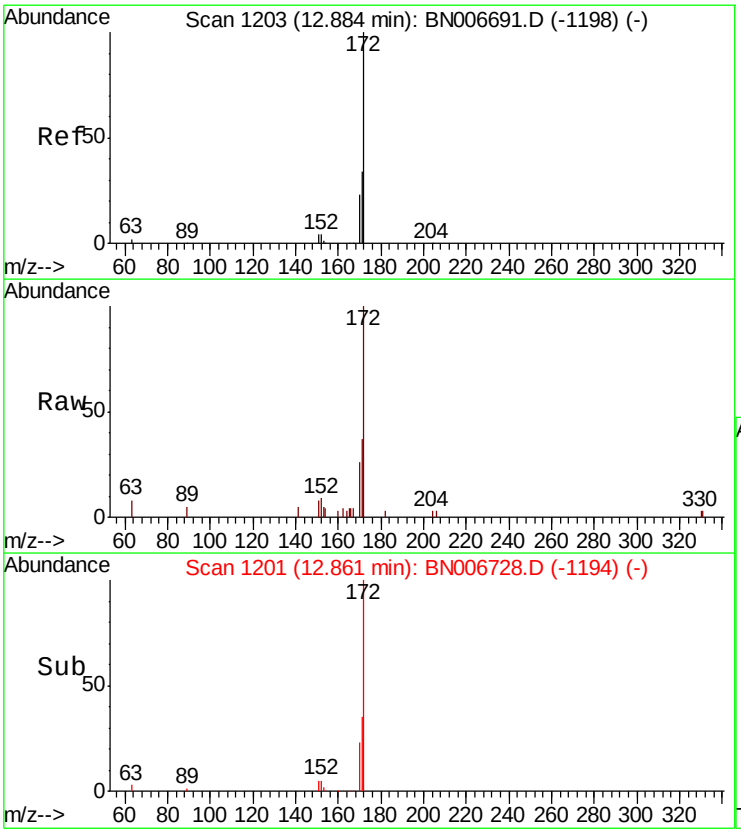
#14
2,4,6-Tribromophenol
Concen: 0.165 ng
RT: 15.77 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:330 Resp: 542

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.0	24.8	37.2#

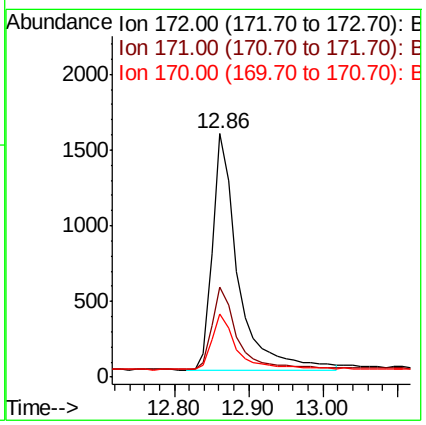


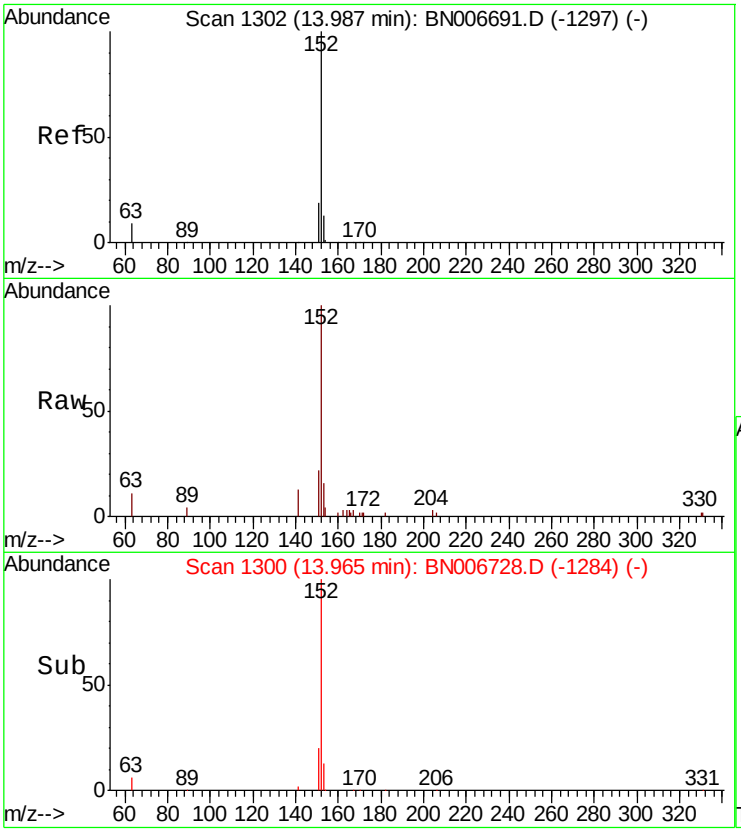


#15
2-Fluorobiphenyl
Concen: 0.142 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:172 Resp: 3715

Ion	Ratio	Lower	Upper
172	100		
171	37.0	27.8	41.6
170	25.9	18.9	28.3



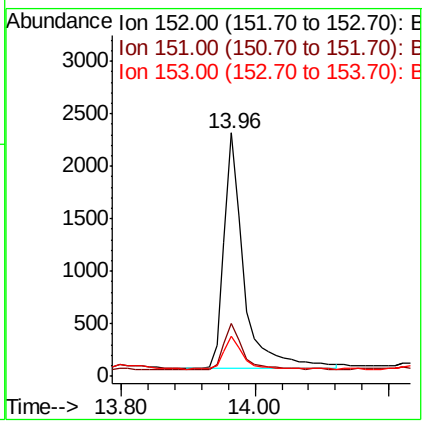


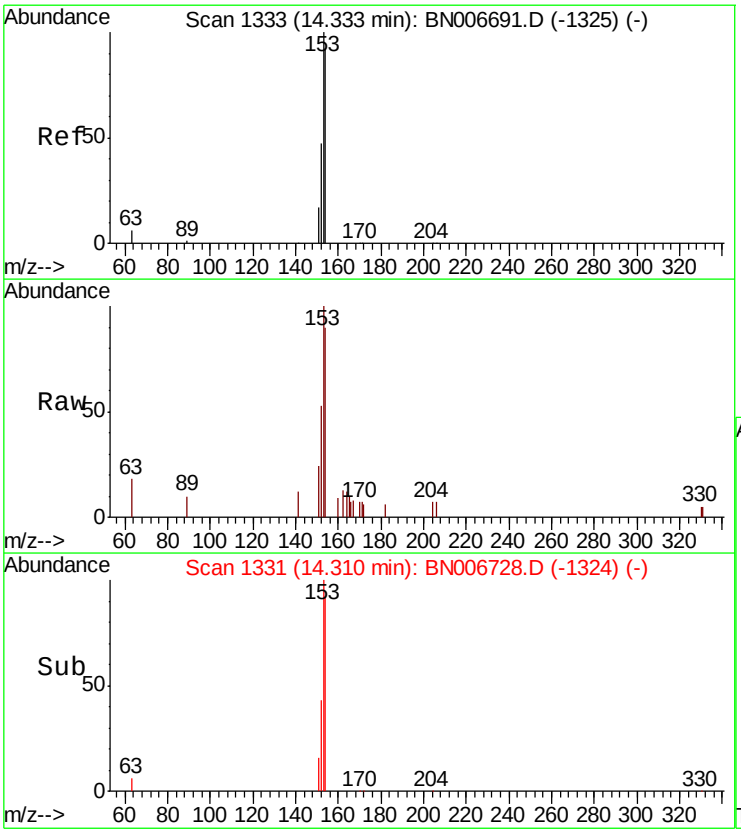
#16
Acenaphthylene
Concen: 0.139 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:152 Resp: 4624

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.7	10.6	15.8

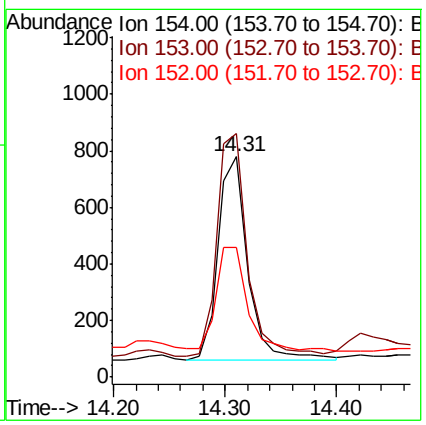


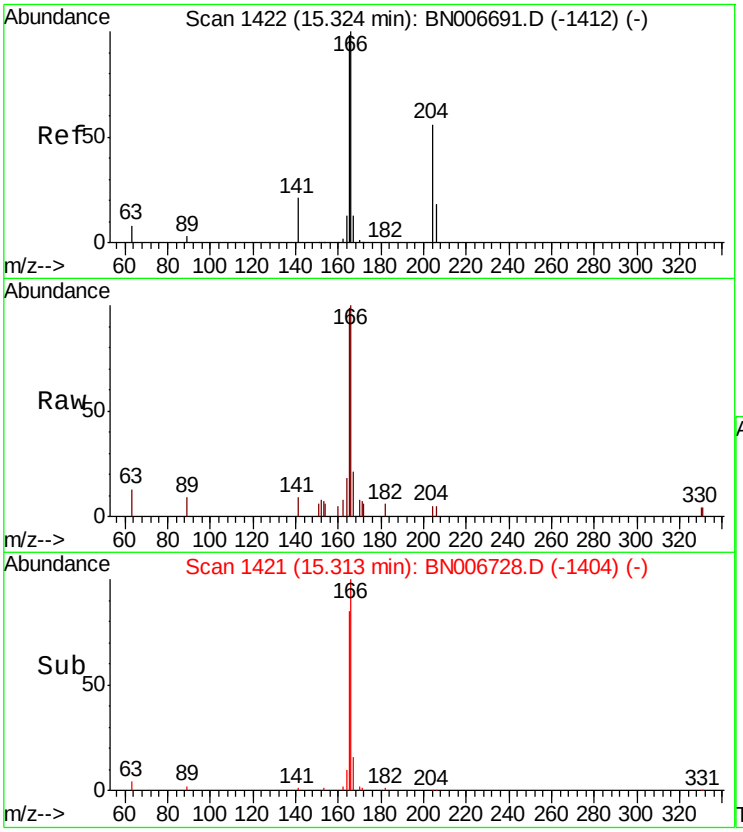


#17
Acenaphthene
Concen: 0.062 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:154 Resp: 1309

Ion	Ratio	Lower	Upper
154	100		
153	113.9	88.9	133.3
152	55.1	42.8	64.2



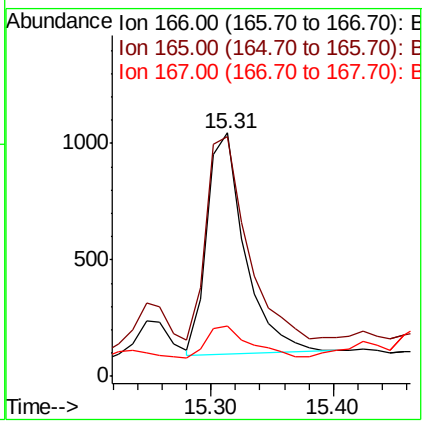


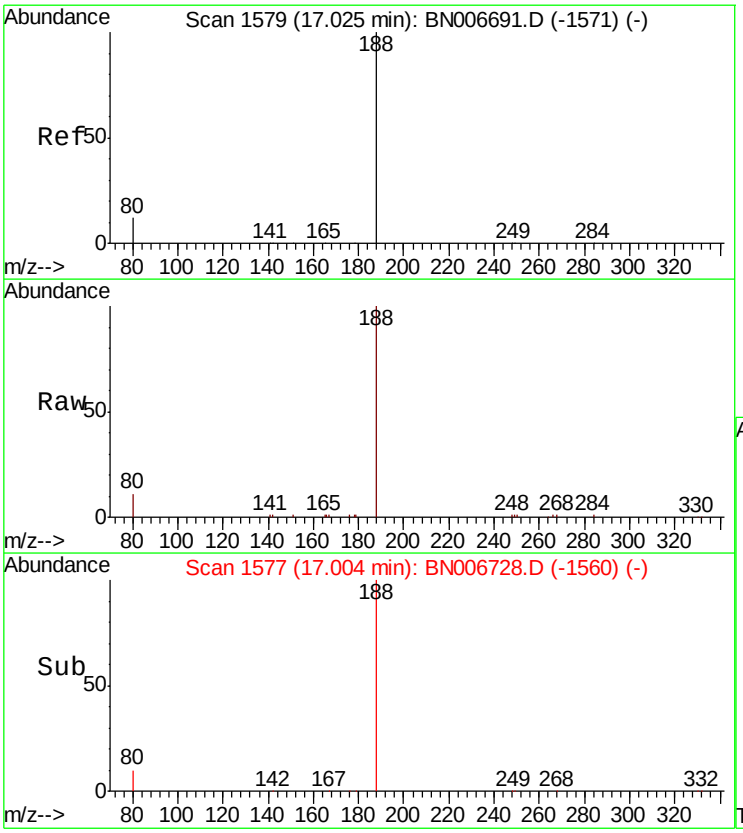
#18
Fluorene
Concen: 0.078 ng
RT: 15.31 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:166 Resp: 2057

Ion	Ratio	Lower	Upper
166	100		
165	102.1	78.0	117.0
167	16.9	10.7	16.1#

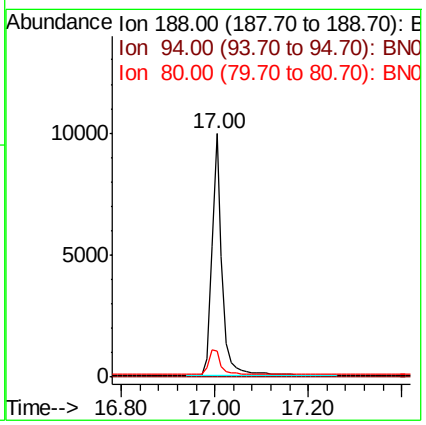


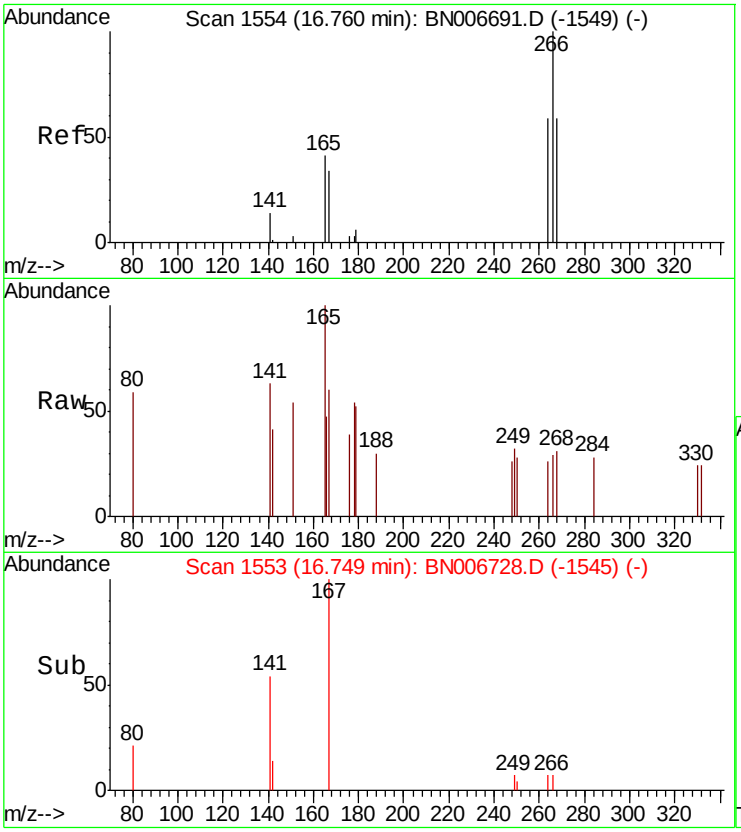


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:188 Resp: 15543

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	10.3	15.5



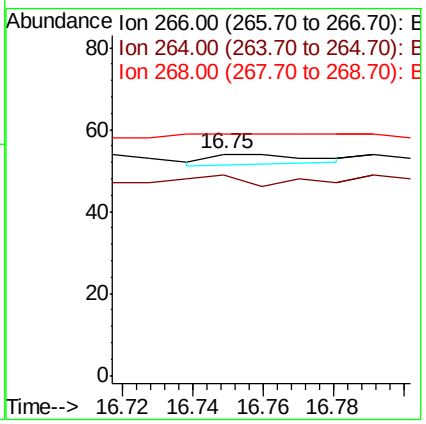


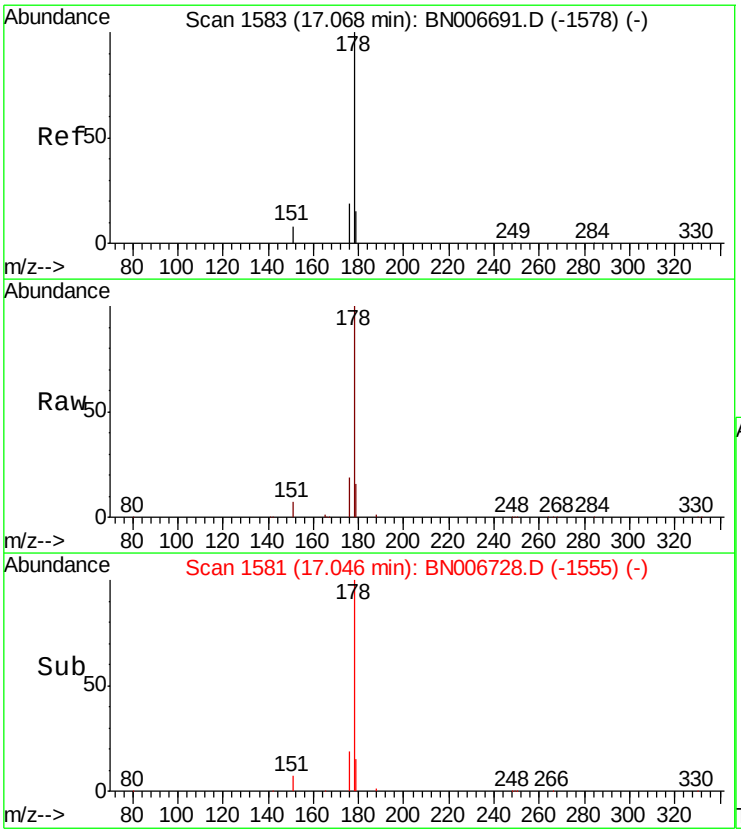
#22
Pentachlorophenol
Concen: 0.114 ng
RT: 16.75 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:266 Resp: 5

Ion	Ratio	Lower	Upper
266	100		
264	90.7	57.6	86.4#
268	109.3	66.6	99.8#

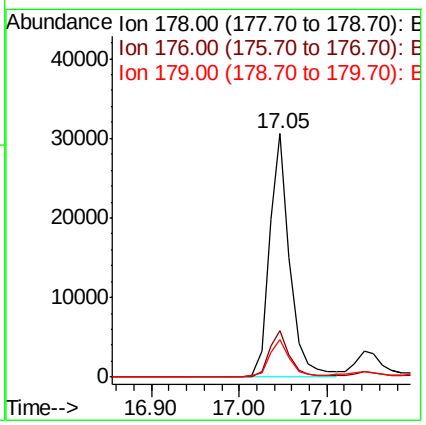


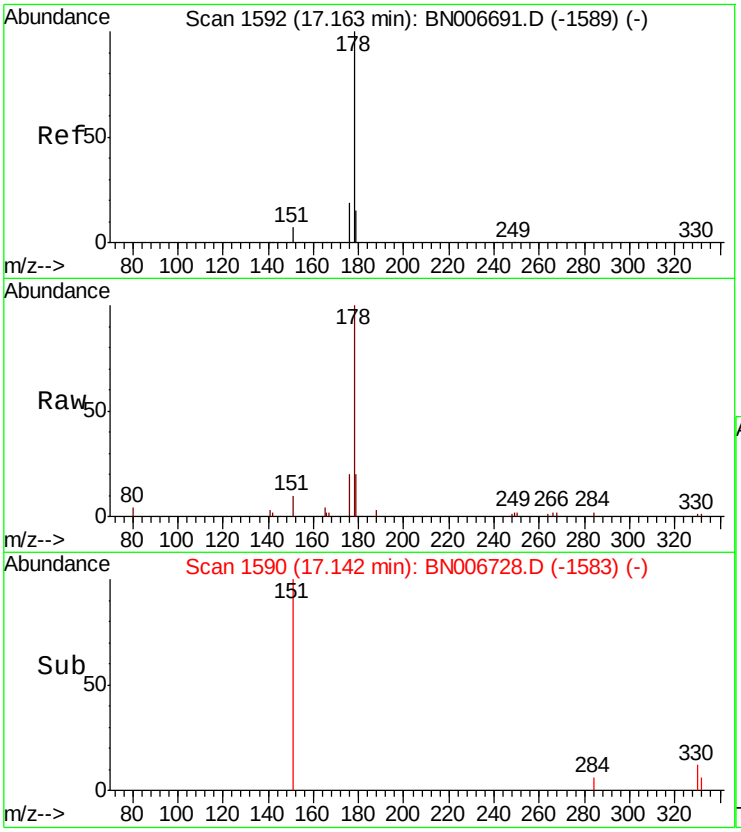


#23
Phenanthrene
Concen: 1.088 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:178 Resp: 48724

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.4	18.6



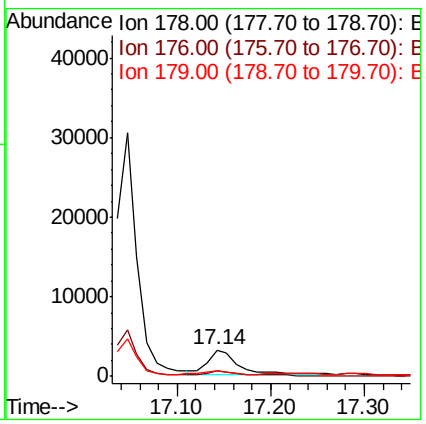


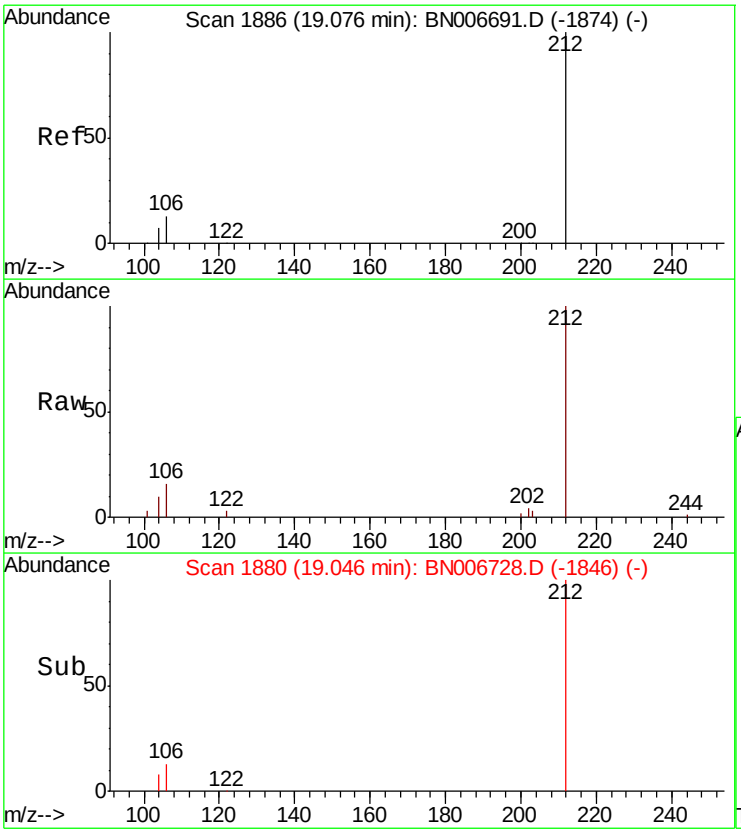
#24
Anthracene
Concen: 0.160 ng
RT: 17.14 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:178 Resp: 6491

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	14.1	11.9	17.9

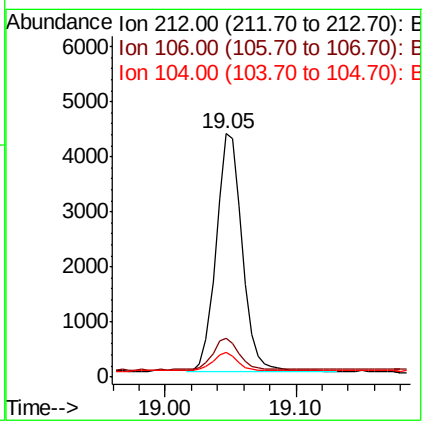


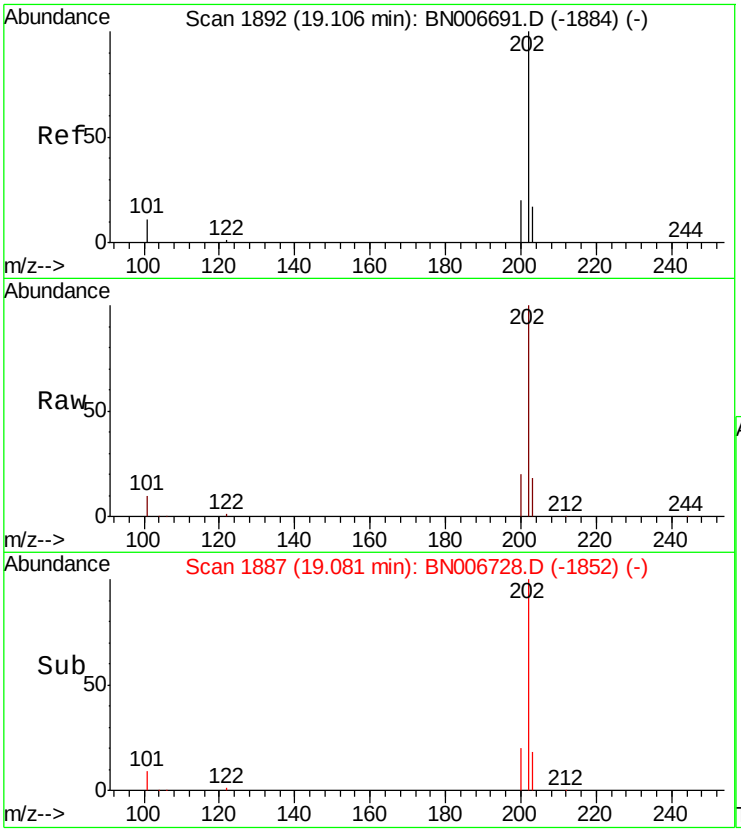


#25
Fluoranthene-d10
Concen: 0.134 ng
RT: 19.05 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:212 Resp: 5972

Ion	Ratio	Lower	Upper
212	100		
106	13.4	11.0	16.6
104	7.3	6.1	9.1



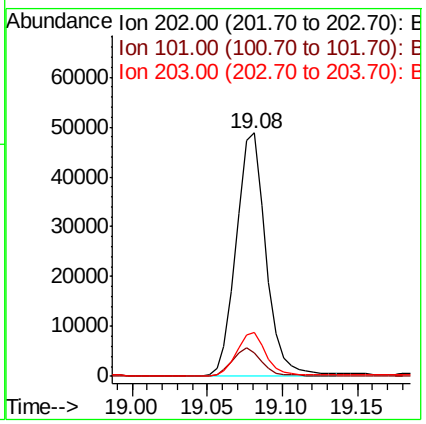


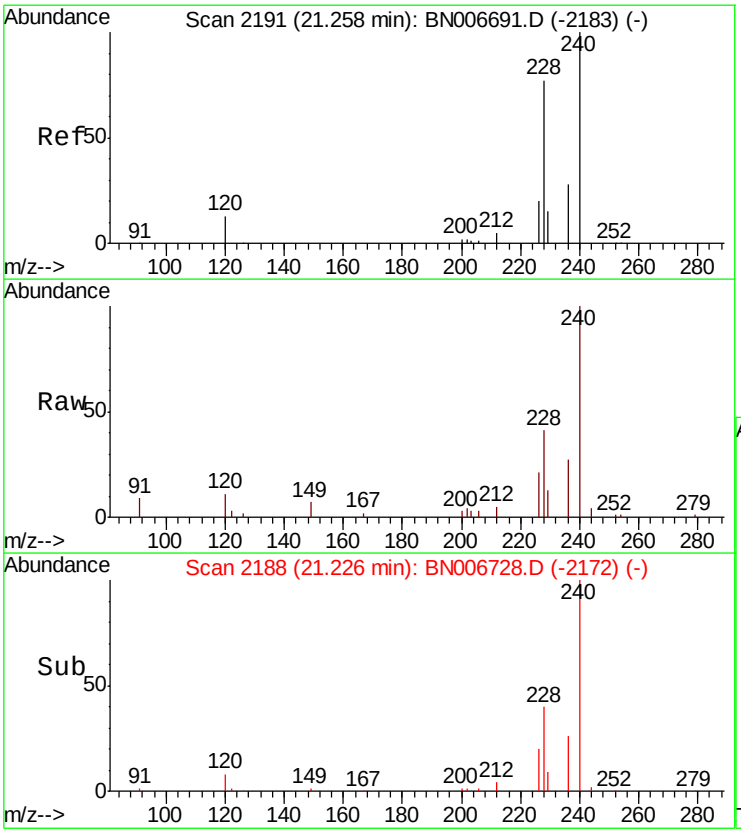
#26
Fluoranthene
Concen: 1.270 ng
RT: 19.08 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:202 Resp: 66785

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.7	13.1
203	17.4	13.8	20.6

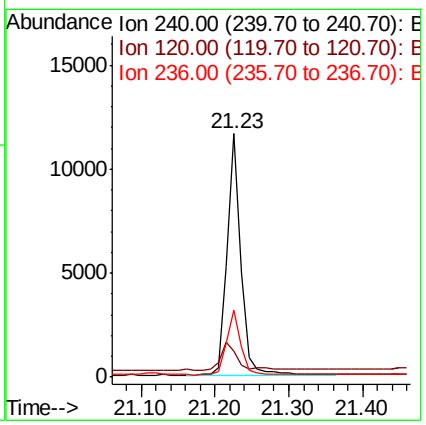


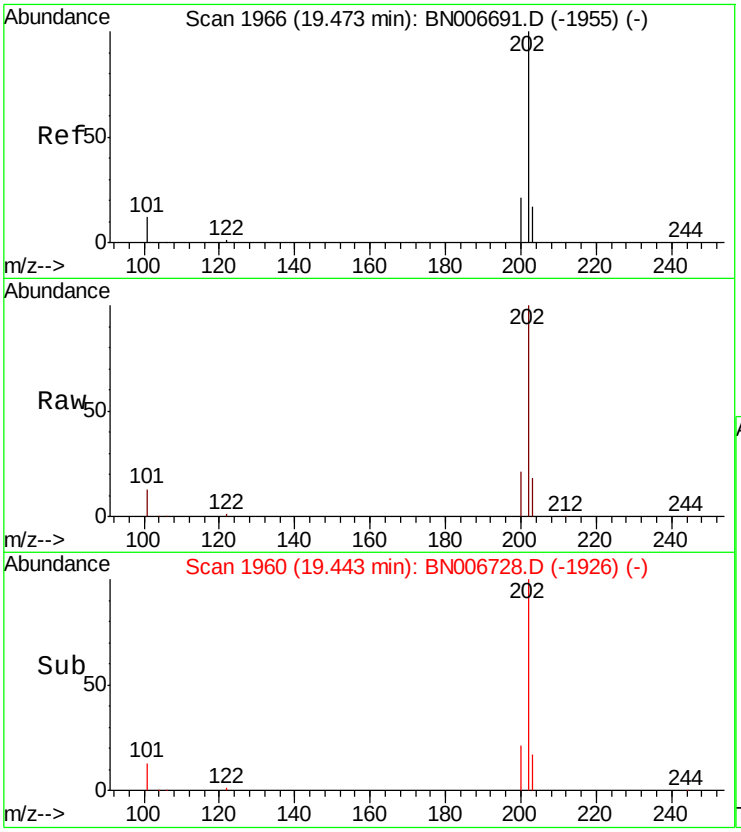


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:240 Resp: 15367

Ion	Ratio	Lower	Upper
240	100		
120	10.9	12.9	19.3#
236	27.2	23.2	34.8



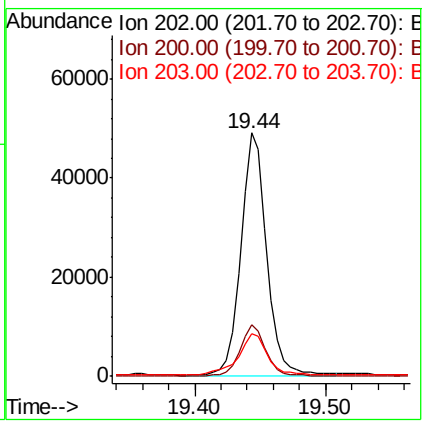


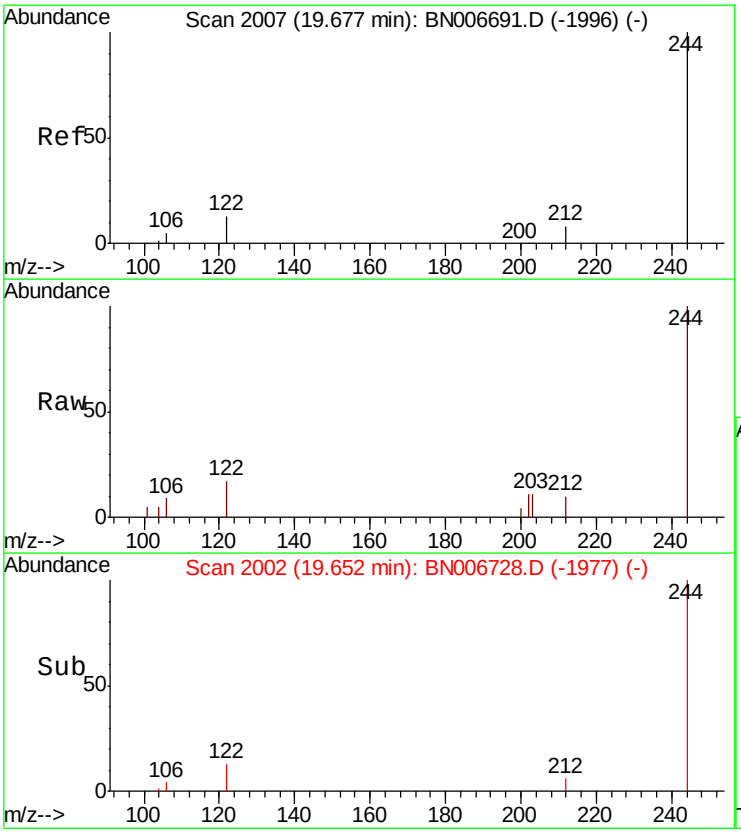
#28
Pyrene
Concen: 1.095 ng
RT: 19.44 min Scan# 1960
Delta R.T. -0.03 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:202 Resp: 67319

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	19.8	14.2	21.2

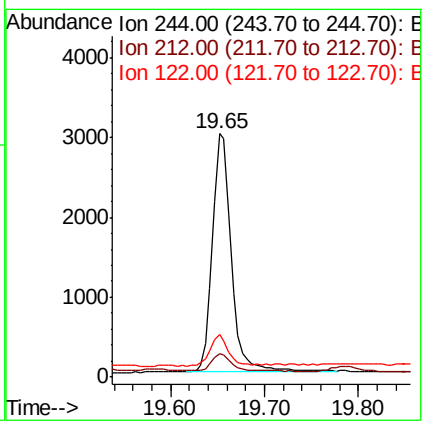


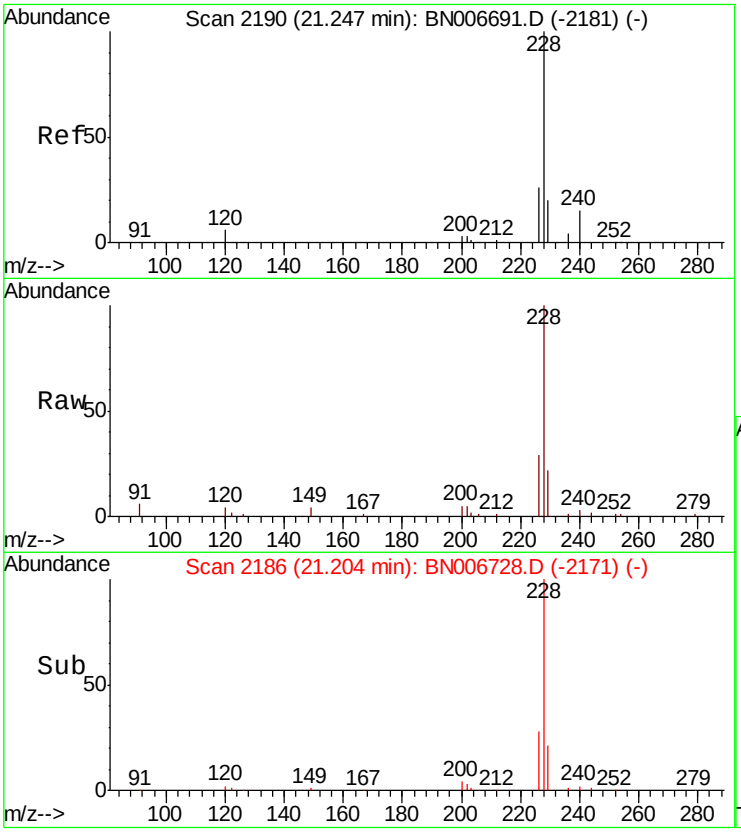


#29
Terphenyl-d14
Concen: 0.118 ng
RT: 19.65 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:244 Resp: 4190

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.0	10.4
122	17.4	11.5	17.3#



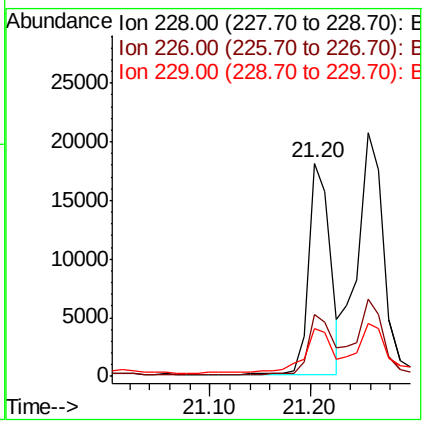


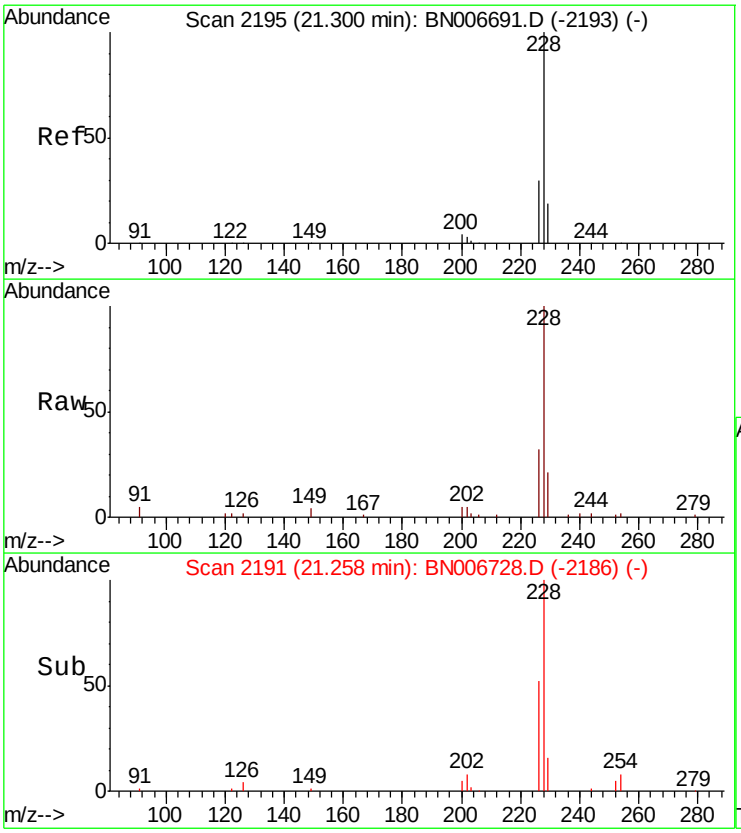
#30
Benzo(a)anthracene
Concen: 0.509 ng
RT: 21.20 min Scan# 2186
Delta R.T. -0.04 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:228 Resp: 26964

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.5	32.3
229	22.3	16.2	24.4

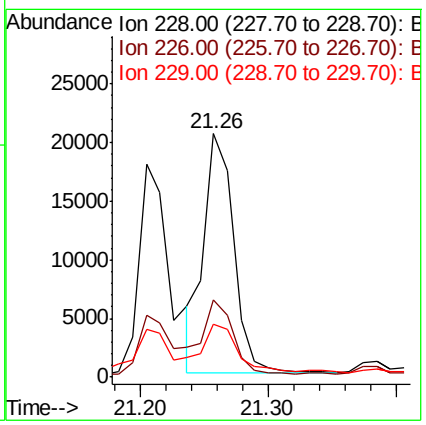


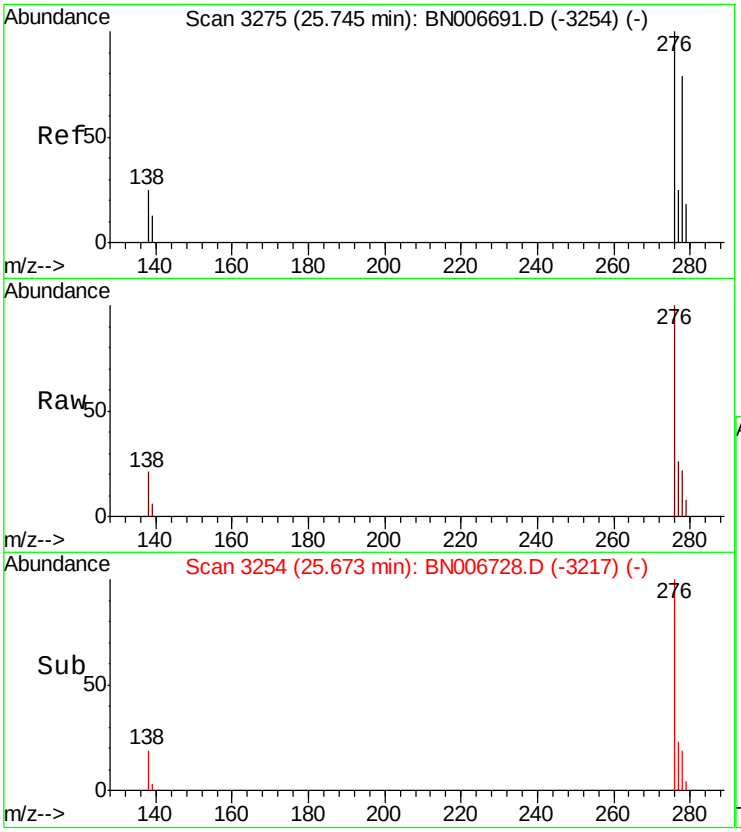


#31
Chrysene
Concen: 0.605 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:228 Resp: 33044

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.2	36.2
229	21.5	15.8	23.6



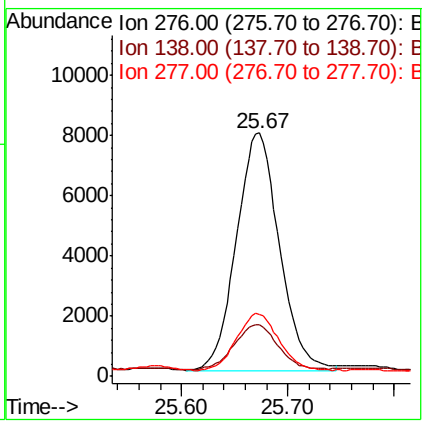


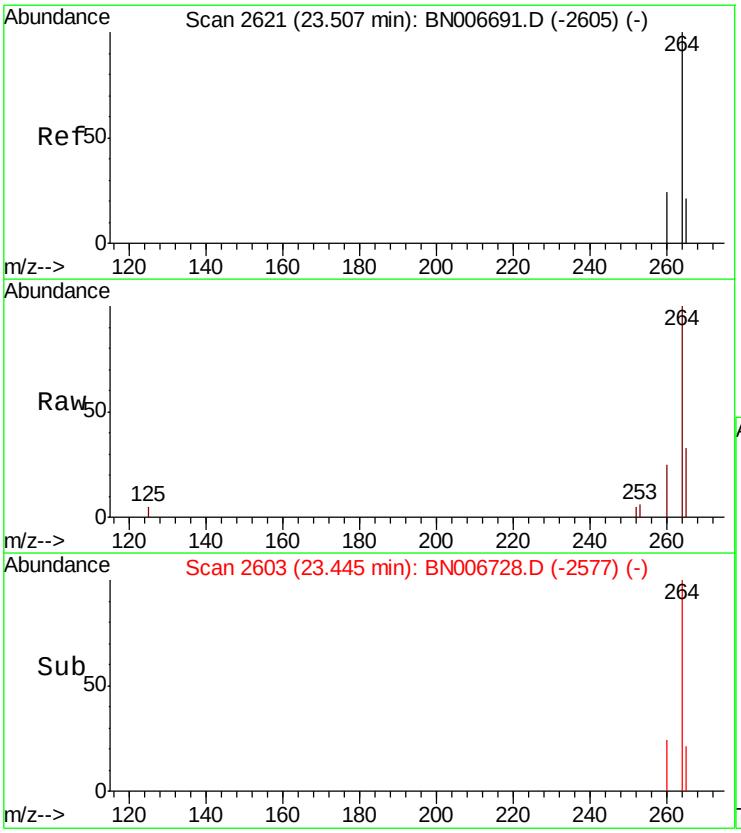
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng
RT: 25.67 min Scan# 3254
Delta R.T. -0.07 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:276 Resp: 22074

Ion	Ratio	Lower	Upper
276	100		
138	19.5	19.5	29.3
277	24.0	19.7	29.5

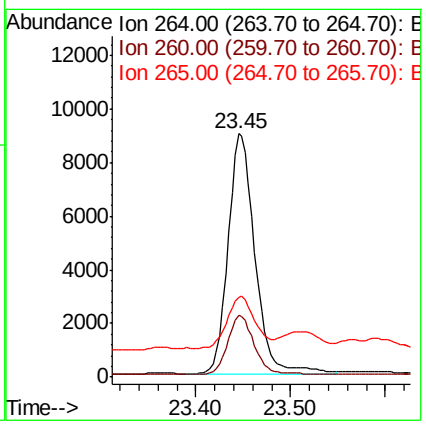


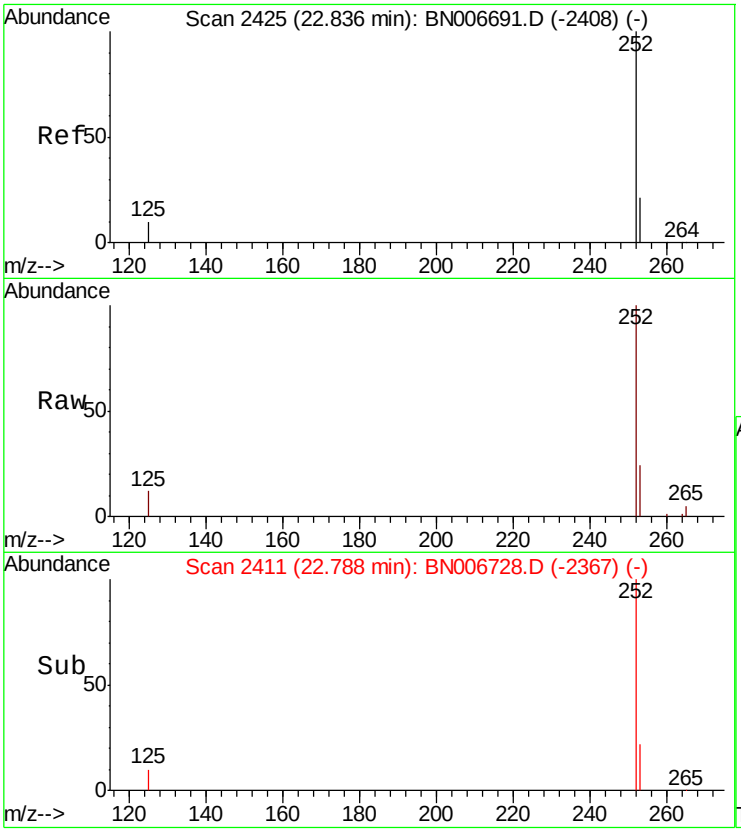


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.45 min Scan# 2603
Delta R.T. -0.06 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:264 Resp: 17670

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	33.0	33.7	50.5#



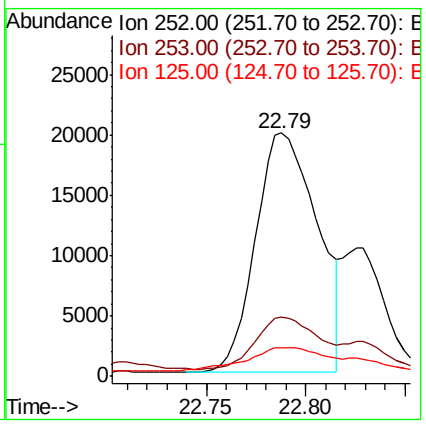


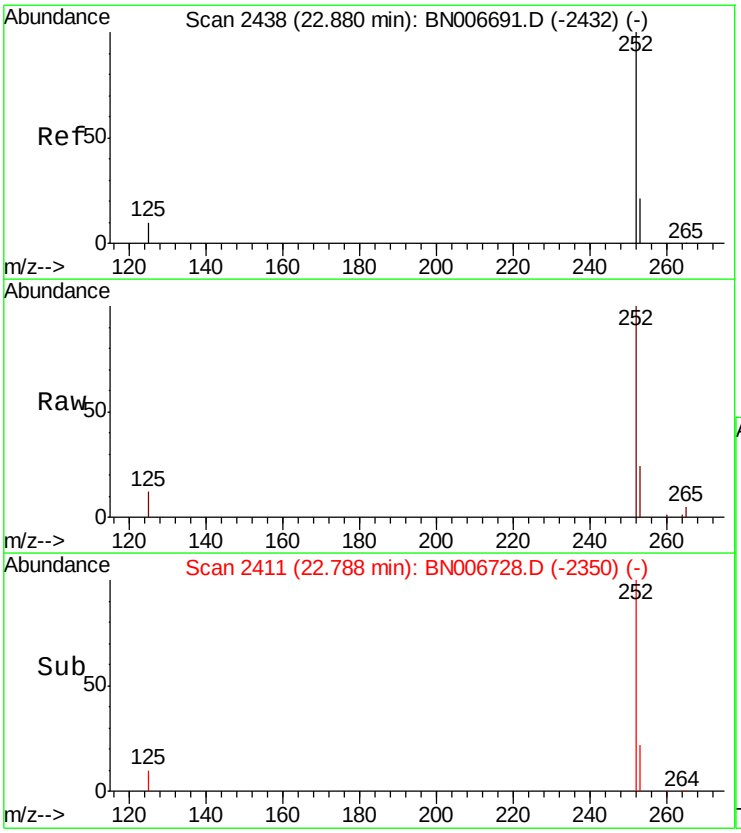
#35
Benzo(b)fluoranthene
Concen: 0.761 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.05 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:252 Resp: 43164

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.2	30.2
125	11.7	11.5	17.3

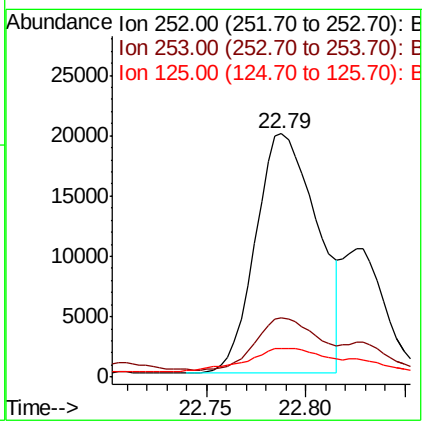


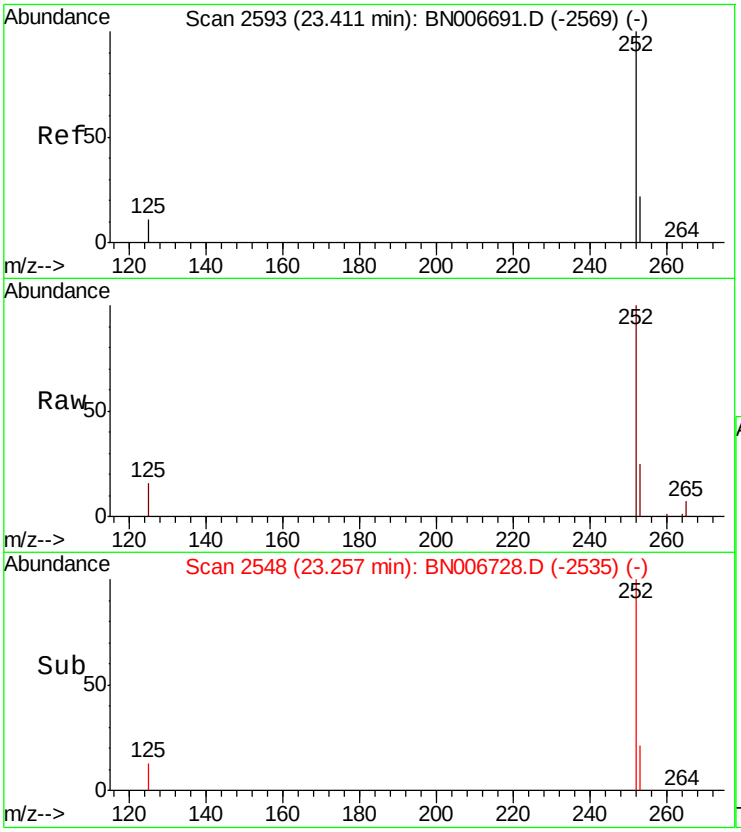


#36
Benzo(k)fluoranthene
Concen: 0.702 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.09 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:252 Resp: 43164

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.1	30.1
125	11.7	11.4	17.0



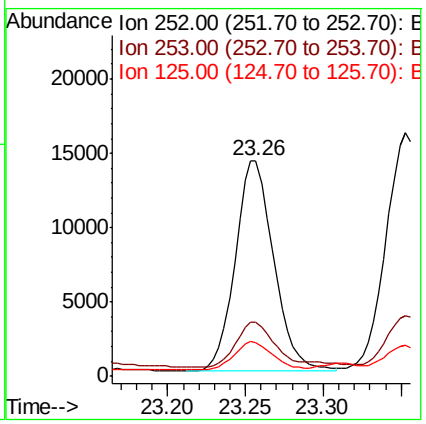


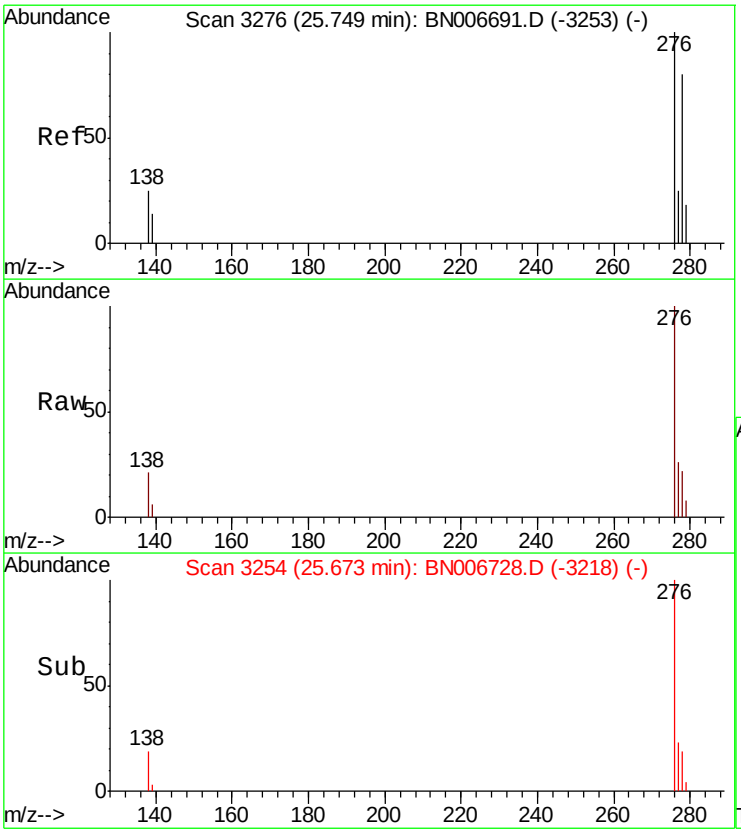
#37
Benzo(a)pyrene
Concen: 0.446 ng
RT: 23.26 min Scan# 2548
Delta R.T. -0.15 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:252 Resp: 24486

Ion	Ratio	Lower	Upper
252	100		
253	25.0	21.4	32.2
125	15.8	13.3	19.9

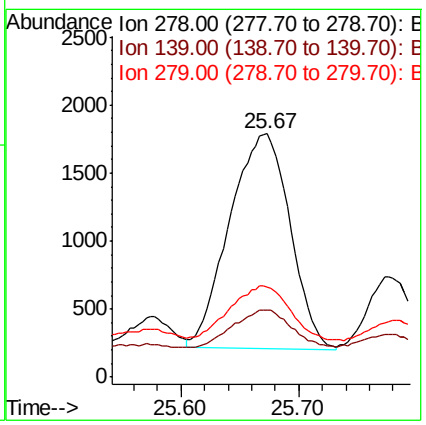


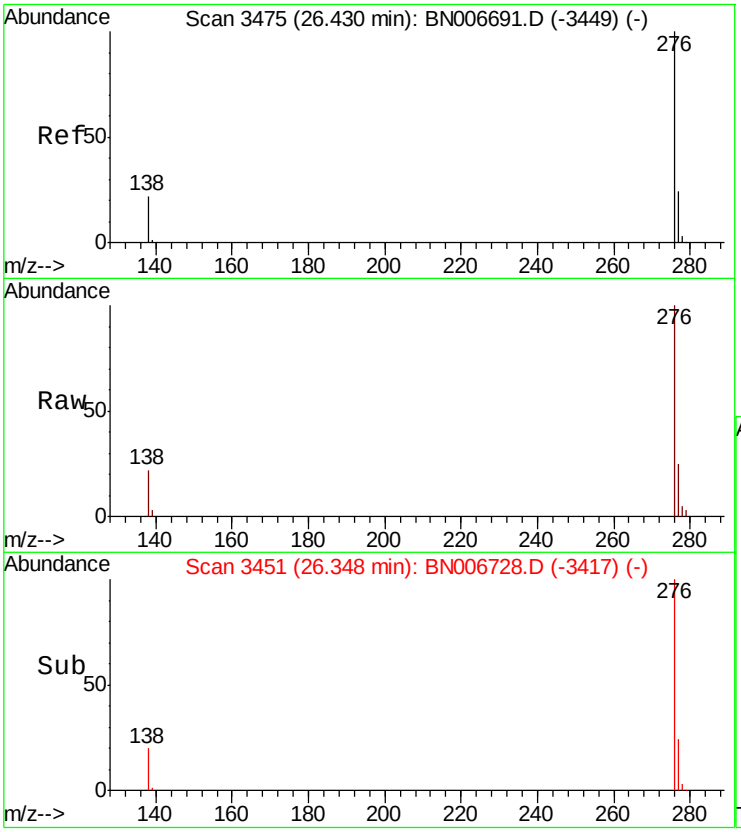


#38
Dibenzo(a,h)anthracene
Concen: 0.103 ng
RT: 25.67 min Scan# 3254
Delta R.T. -0.08 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Tgt Ion:278 Resp: 5627

Ion	Ratio	Lower	Upper
278	100		
139	27.5	16.2	24.4#
279	36.9	20.7	31.1#





#39
Benzo(g,h,i)perylene
Concen: 0.427 ng
RT: 26.35 min Scan# 3451
Delta R.T. -0.08 min
Lab File: BN006728.D
Acq: 05 Jul 2019 22:19

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW081-062519

Tgt Ion:276 Resp: 23997

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.6	30.8
138	22.0	19.7	29.5