Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\

Quantitation Report (QT Reviewed)

Data File : BN007265.D
Acq On : 20 Aug 2019 15:25
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Aug 20 18:03:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 17:50:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	5100	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	18792	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	10648	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	24609	0.40	ng		0.00
27) Chrysene-d12	21.03	240	25446	0.40	ng		0.00
34) Perylene-d12	23.14	264	26433	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	22352	1.97	ng		0.00
5) Phenol-d6	6.60	99	26493	1.70	ng		0.00
8) Nitrobenzene-d5	8.54	82	23344	1.82	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	52390	1.87	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	9123	1.84	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	74504	1.88	ng		0.00
25) Fluoranthene-d10	18.85	212	126585	1.70	ng		0.00
29) Terphenyl-d14	19.47	244	101943	1.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	10510	1.255	ng		93
3) n-Nitrosodimethylamine	3.32	42	8107	1.248	ng	#	98
6) bis(2-Chloroethyl)ether	6.85	93	24200	1.395	ng		98
9) Naphthalene	10.21	128	86078	1.710	ng		99
10) Hexachlorobutadiene	10.52	225	19013	1.742	ng	#	98
12) 2-Methylnaphthalene	11.84	142	60433	1.878	ng		99
16) Acenaphthylene	13.77	152	93773	1.865	ng		99
17) Acenaphthene	14.11	154	58973	1.747	ng		100
18) Fluorene	15.12	166	76850	1.838	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	23759	1.707	ng	#	82
21) Hexachlorobenzene	16.12	284	26422	1.457	ng		99
22) Pentachlorophenol	16.46	266	11245	4.704	ng		96
23) Phenanthrene	16.85	178	125982	1.847	ng		100
24) Anthracene	16.94	178	113742	1.924	ng		99
26) Fluoranthene	18.88	202	153273	1.790	ng		100
28) Pyrene	19.25	202	152094	1.720	ng		100
30) Benzo(a)anthracene	21.02	228	155192	1.979	ng		98
31) Chrysene	21.07	228	157023	1.787	ng		98
32) Bis(2-ethylhexyl)phthalate	20.98	149	61463	1.683	ng		98
33) Indeno(1,2,3-cd)pyrene	25.21	276	183057	1.702	ng		100
35) Benzo(b)fluoranthene	22.52	252	160469	1.932	ng		97
36) Benzo(k)fluoranthene	22.56	252	154565	1.658	ng		97
37) Benzo(a)pyrene	23.05	252	146197	1.815	ng		97
38) Dibenzo(a,h)anthracene	25.23	278	149246	1.838	ng		98
39) Benzo(g,h,i)perylene	25.83	276	150045	1.763	ng		99

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

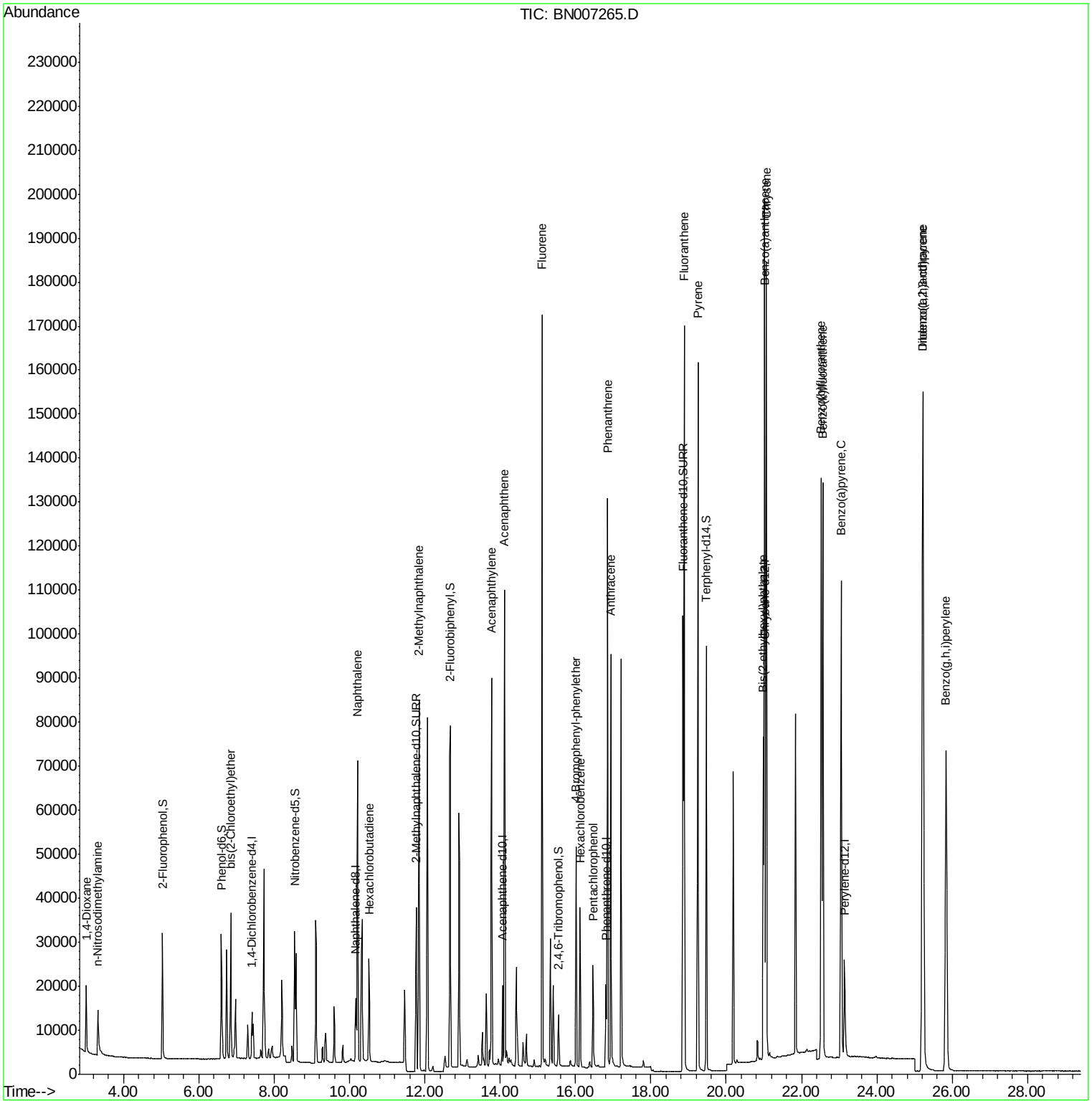
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\

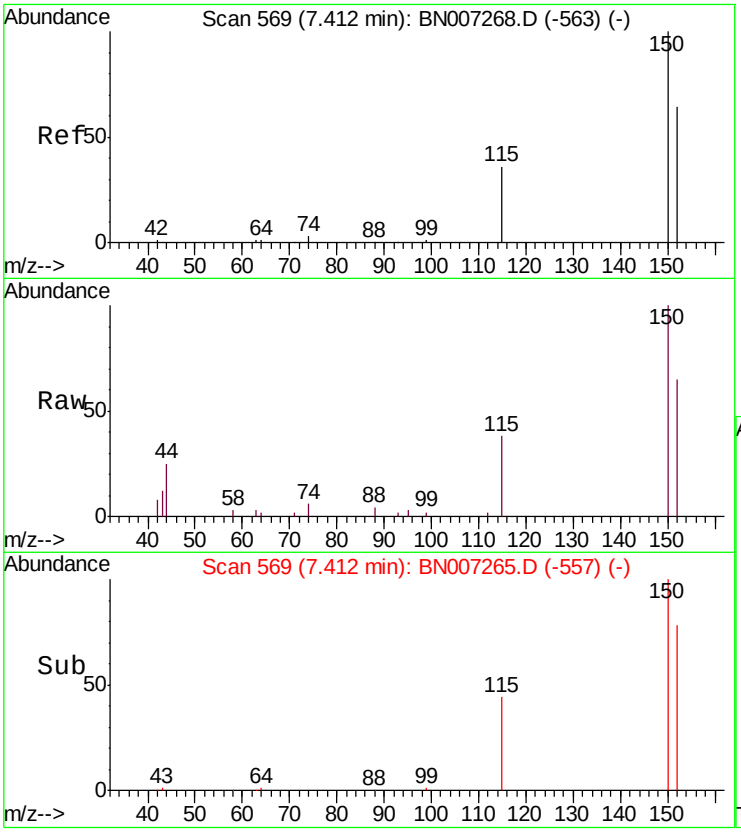
Quantitation Report (QT Reviewed)

Data File : BN007265.D
Acq On : 20 Aug 2019 15:25
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Aug 20 18:03:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 17:50:18 2019
Response via : Initial Calibration



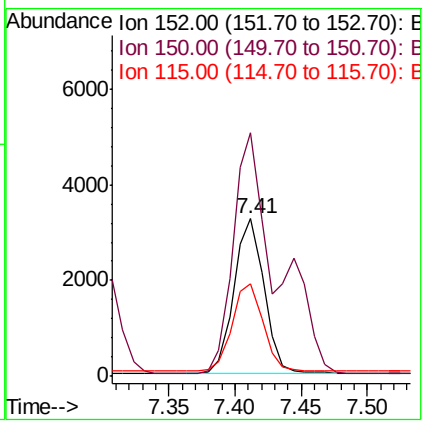


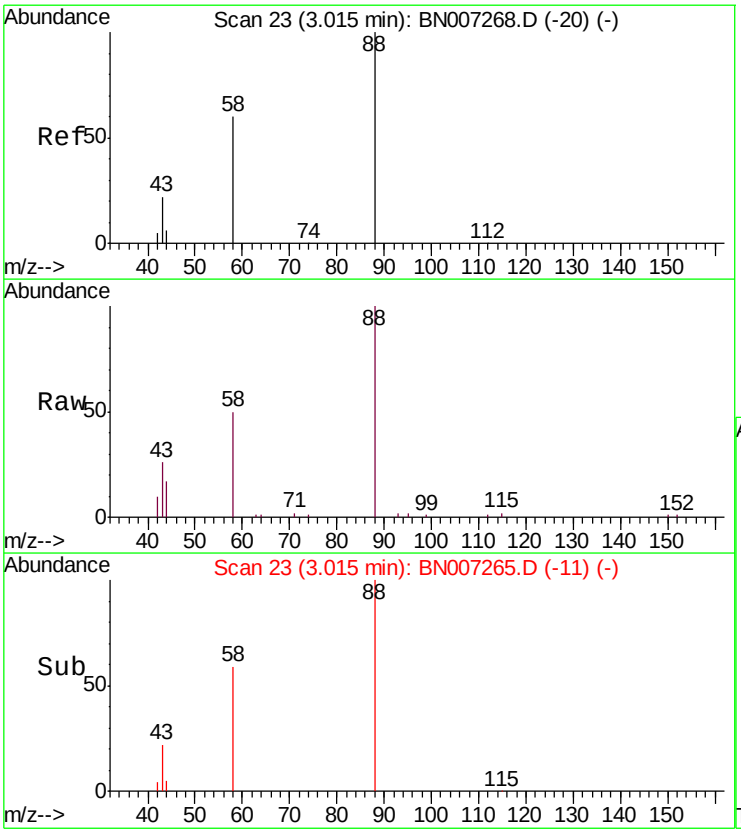
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 5100

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.8	185.8
115	58.3	47.3	70.9

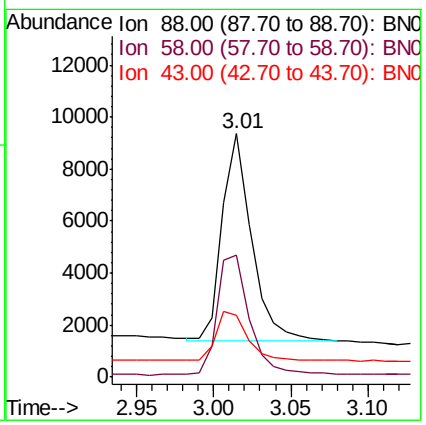


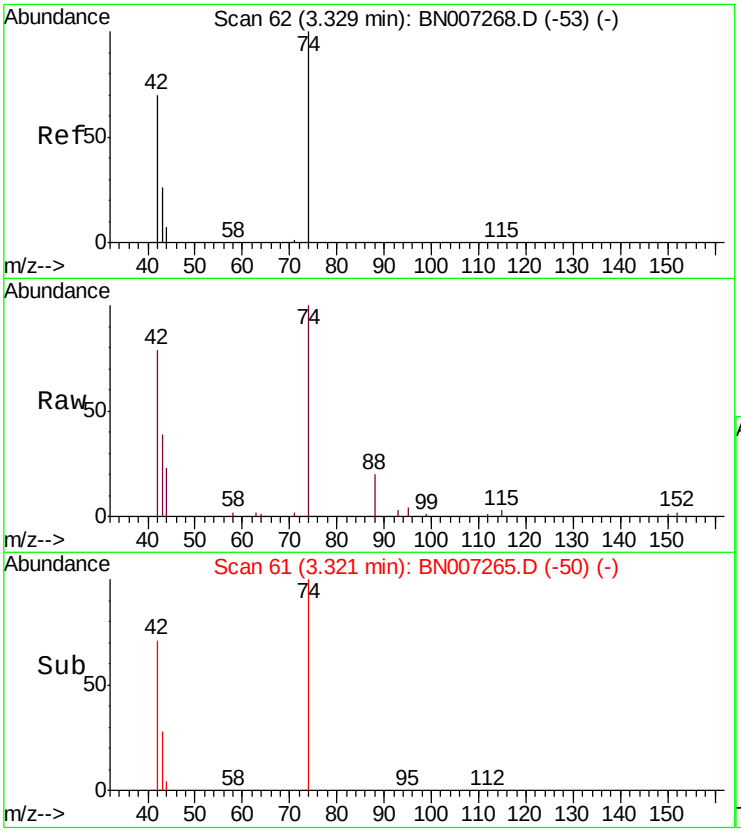


#2
1,4-Dioxane
Concen: 1.255 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion: 88 Resp: 10510

Ion	Ratio	Lower	Upper
88	100		
58	64.0	45.5	68.3
43	25.6	20.4	30.6



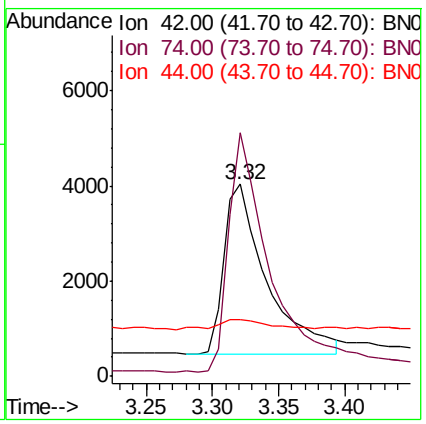


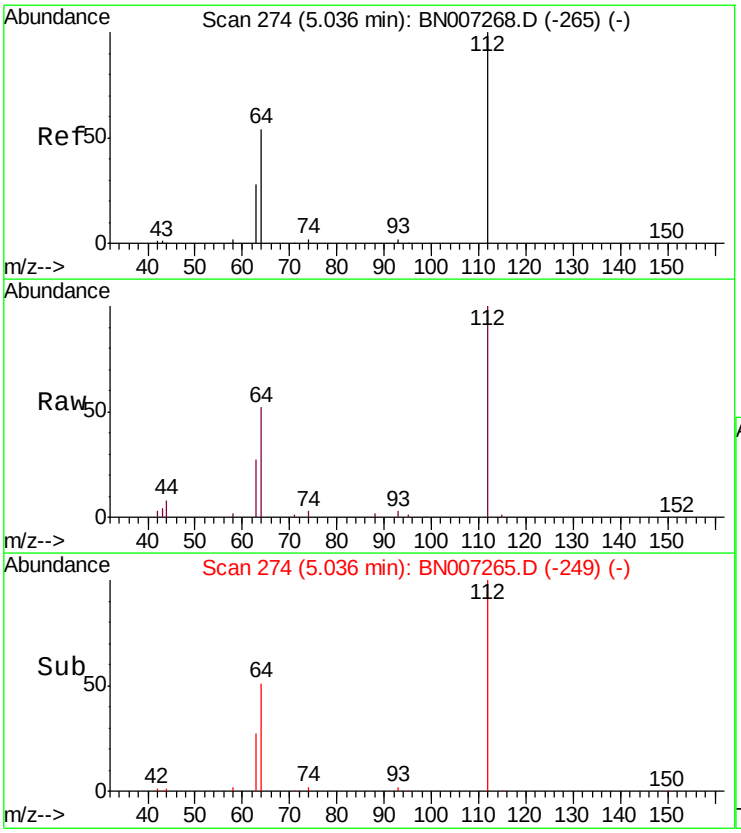
#3
n-Nitrosodimethylamine
Concen: 1.248 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 8107

Ion	Ratio	Lower	Upper
42	100		
74	133.5	109.0	163.4
44	7.9	4.2	6.2#

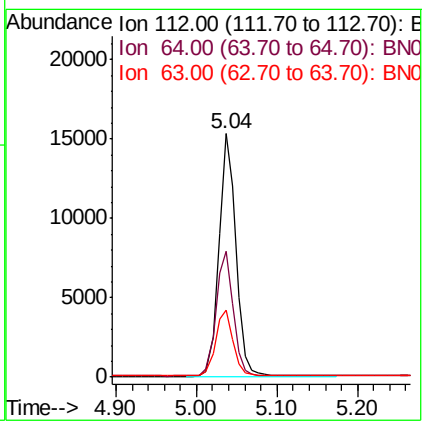


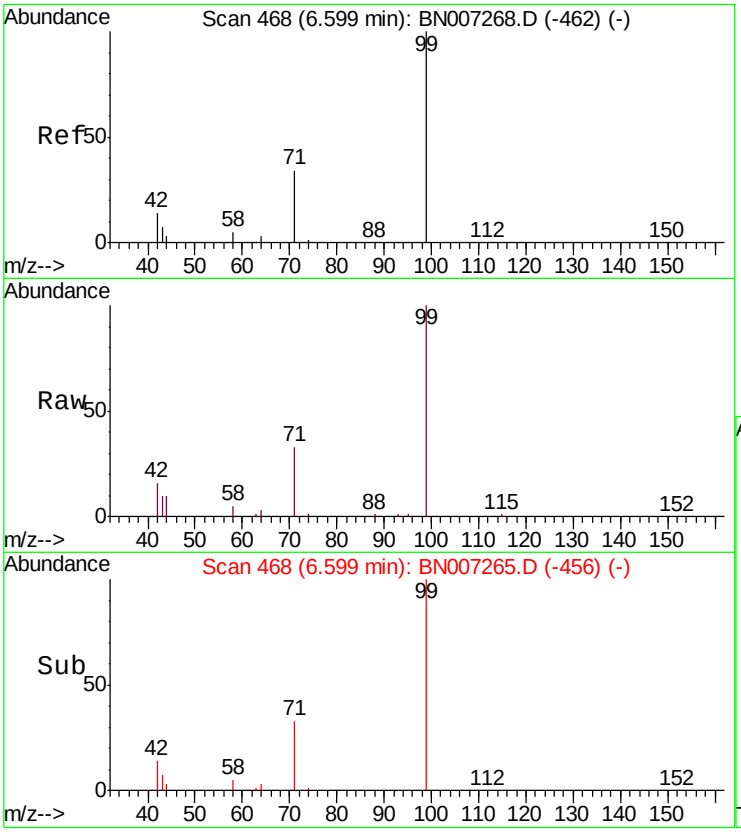


#4
2-Fluorophenol
Concen: 1.972 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:112 Resp: 22352

Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.8	62.8
63	27.4	22.6	34.0



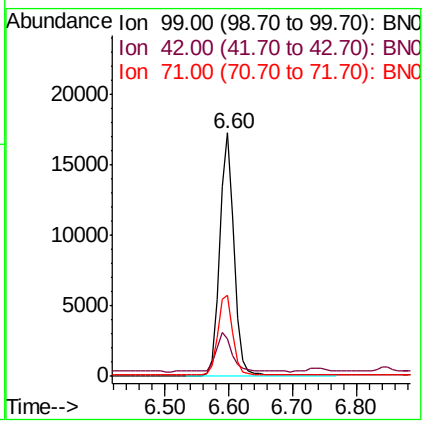


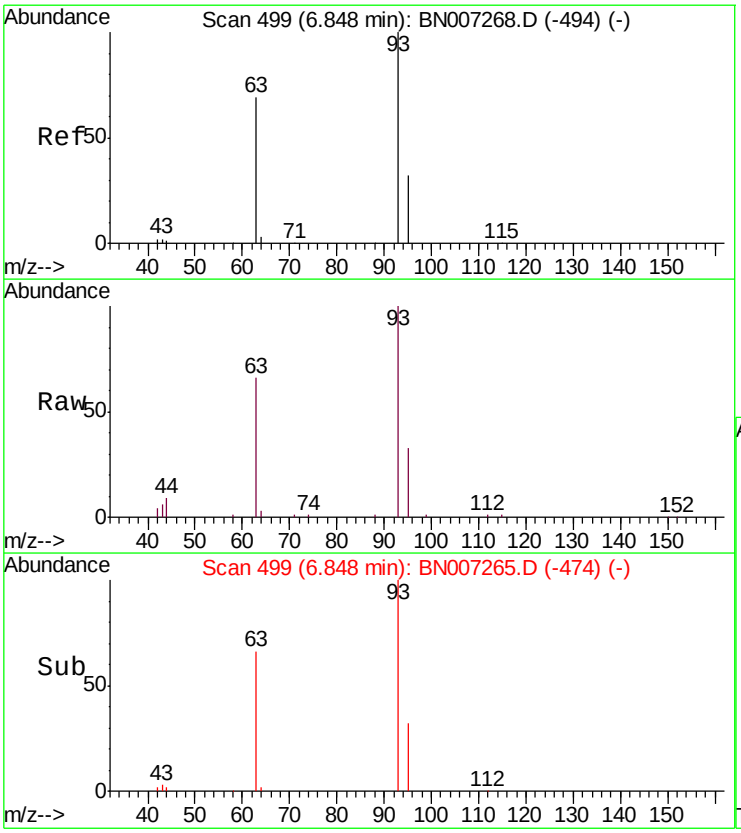
#5
Phenol-d6
Concen: 1.699 ng
RT: 6.60 min Scan# 468
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 26493

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.3	21.5
71	34.4	27.3	40.9

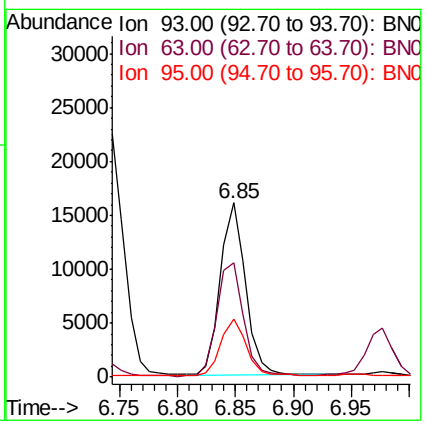


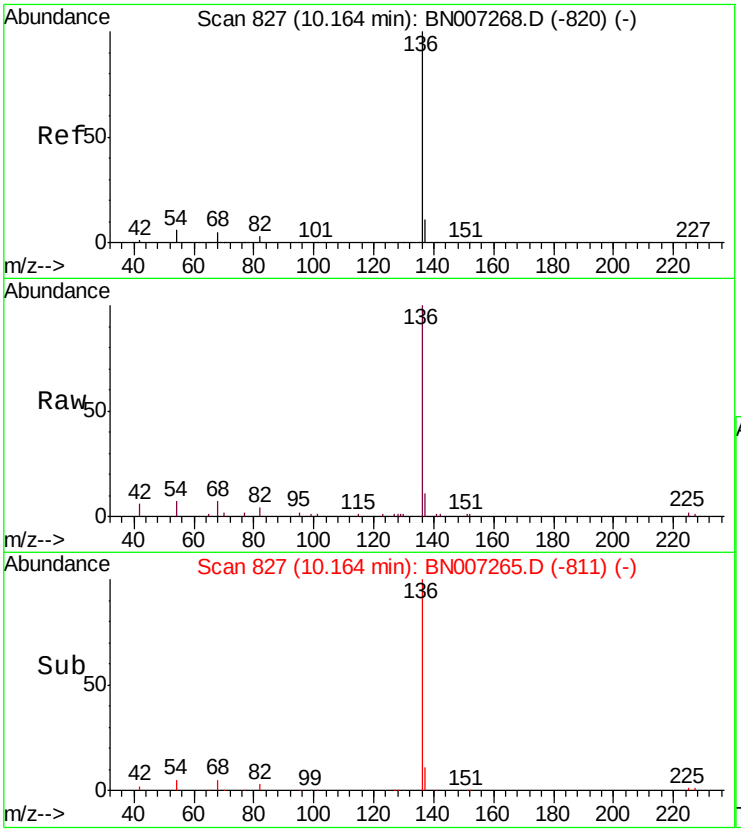


#6
bis(2-Chloroethyl)ether
Concen: 1.395 ng
RT: 6.85 min Scan# 499
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion: 93 Resp: 24200

Ion	Ratio	Lower	Upper
93	100		
63	69.7	54.4	81.6
95	33.0	25.5	38.3



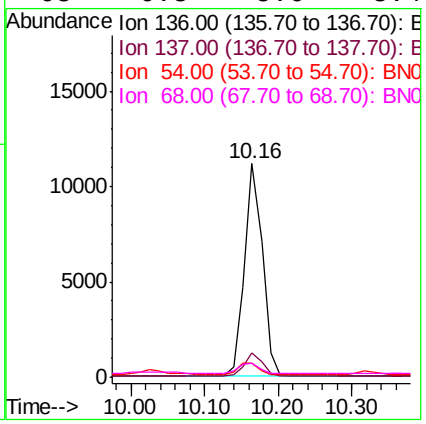


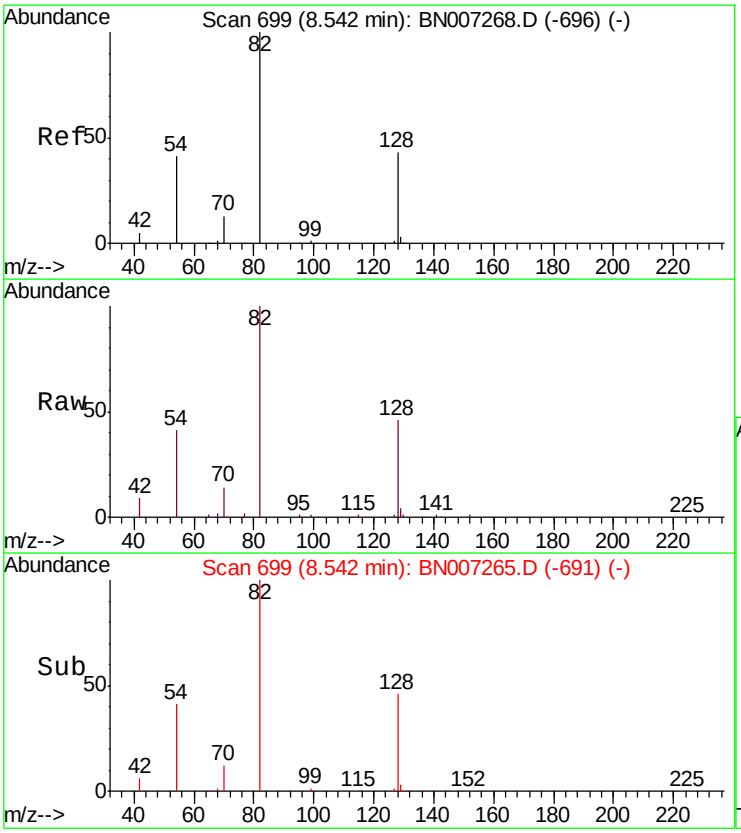
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 18792

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.7	5.9	8.9
68	6.8	5.6	8.4

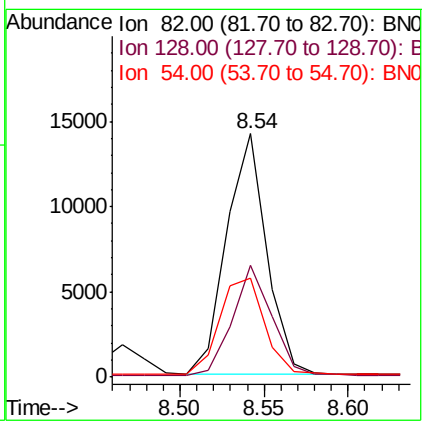


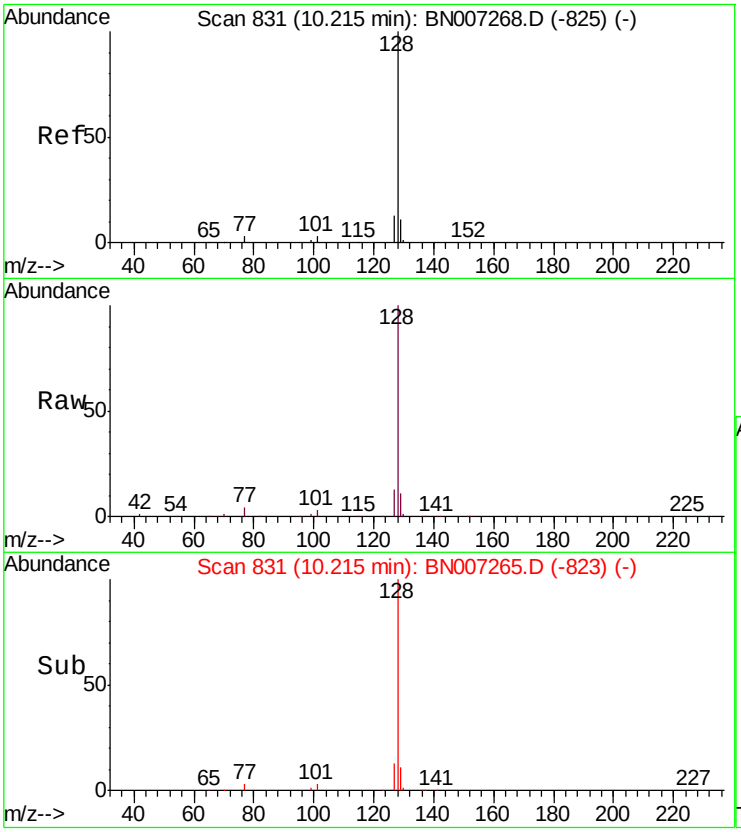


#8
Nitrobenzene-d5
Concen: 1.822 ng
RT: 8.54 min Scan# 699
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion: 82 Resp: 23344

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.8	53.6
54	40.9	34.7	52.1



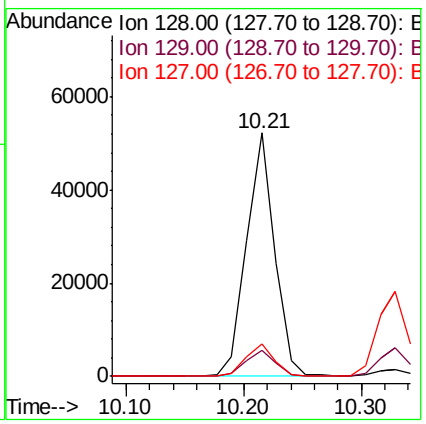


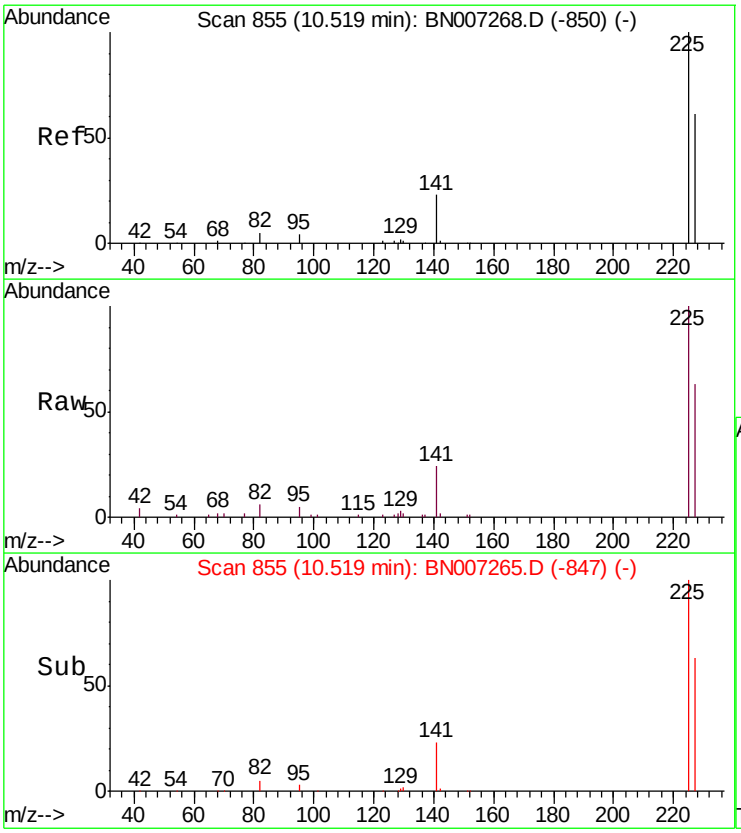
#9
Naphthalene
Concen: 1.710 ng
RT: 10.21 min Scan# 831
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 86078

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.2	10.6	16.0

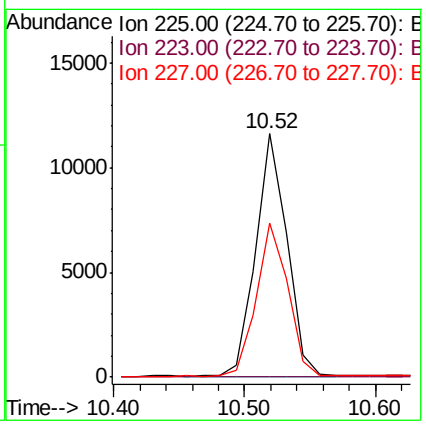


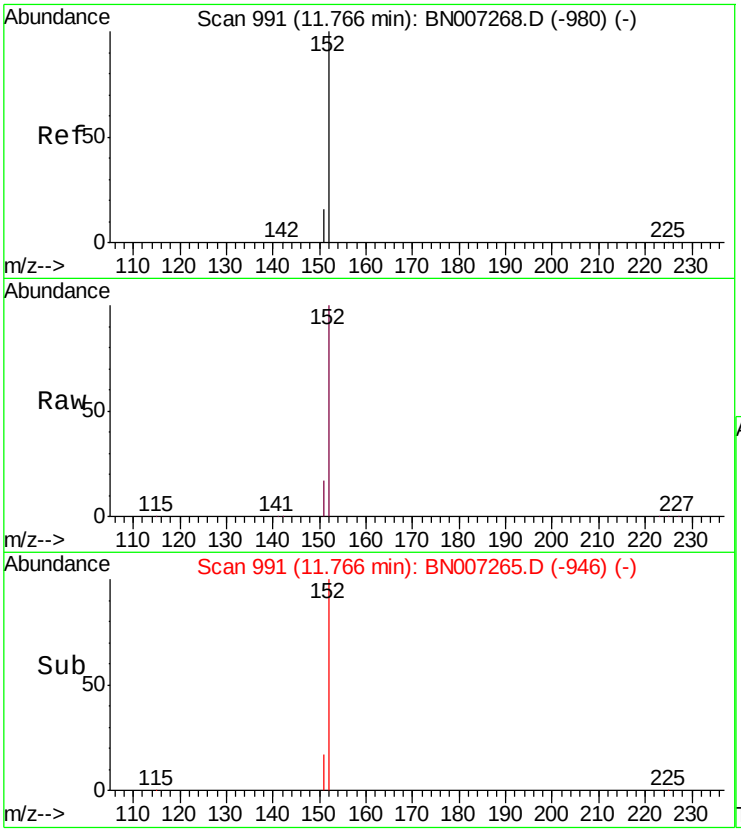


#10
Hexachlorobutadiene
Concen: 1.742 ng
RT: 10.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:225 Resp: 19013

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.2	75.2



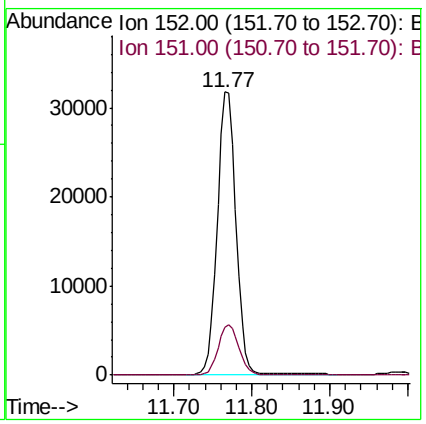


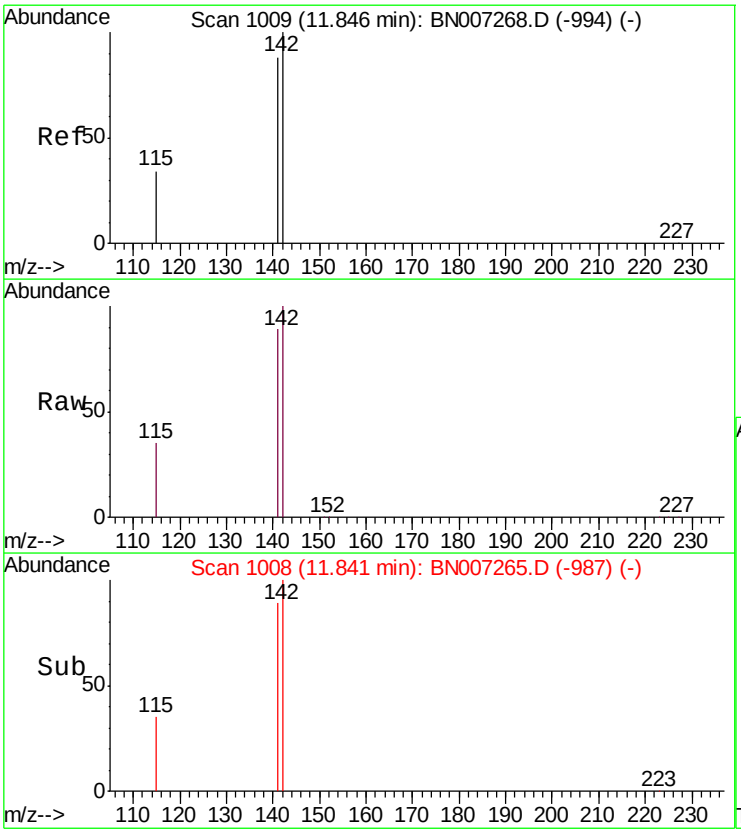
#11
2-Methylnaphthalene-d10
Concen: 1.866 ng
RT: 11.77 min Scan# 991
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 52390

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.2	22.8

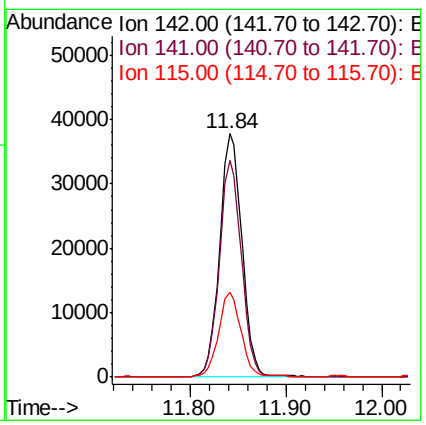


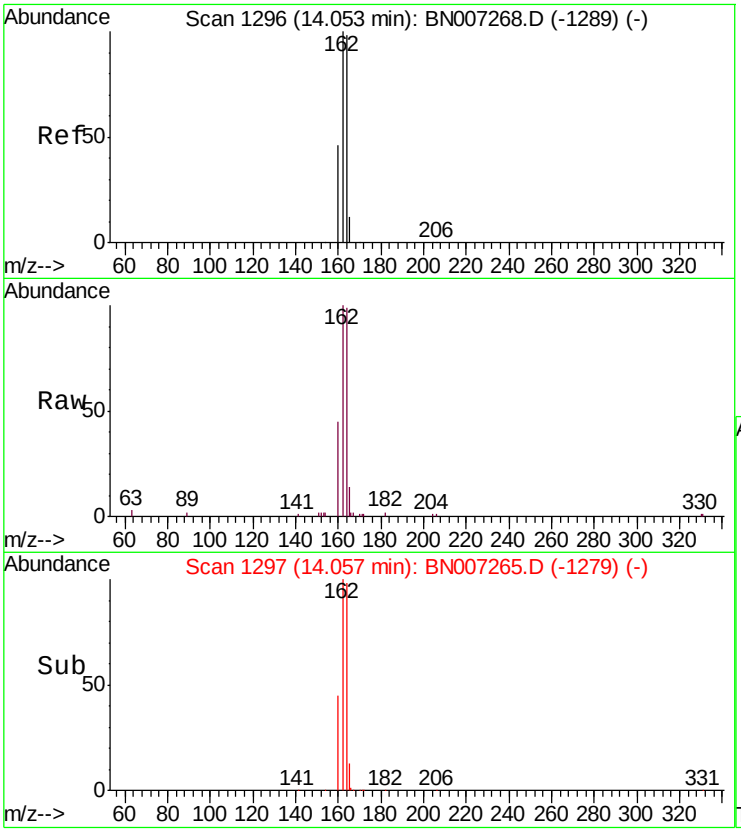


#12
2-Methylnaphthalene
Concen: 1.878 ng
RT: 11.84 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:142 Resp: 60433

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.7	106.1
115	34.8	28.1	42.1



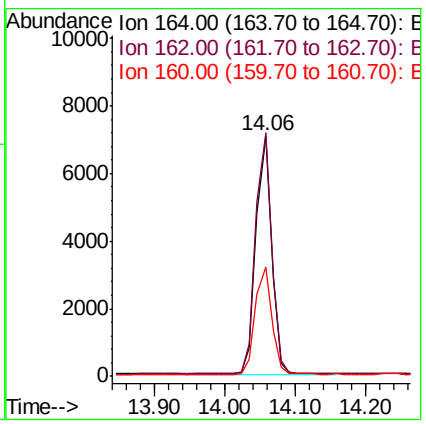


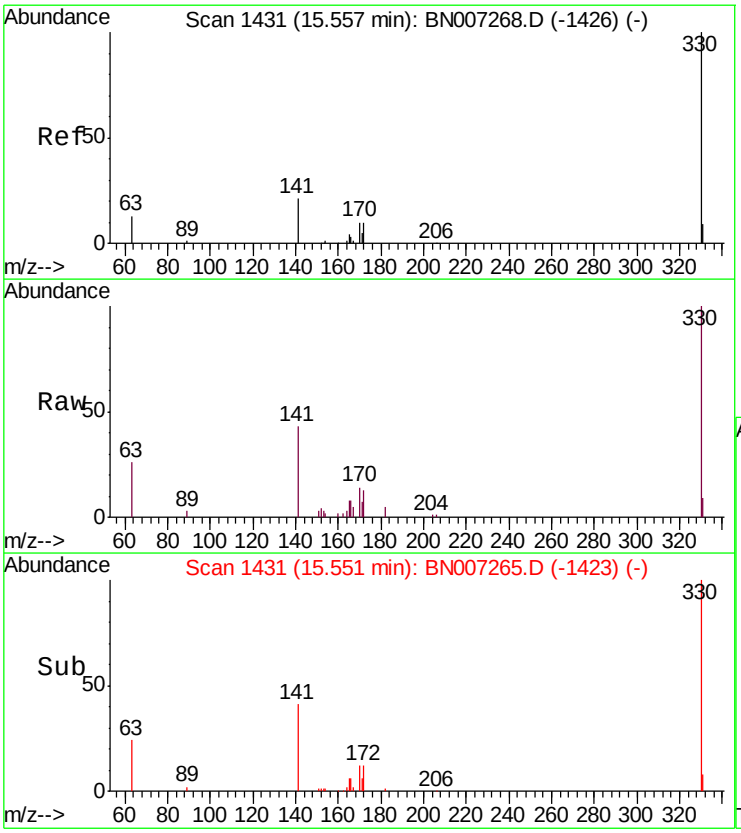
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 10648

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.0	123.0
160	45.6	38.2	57.4

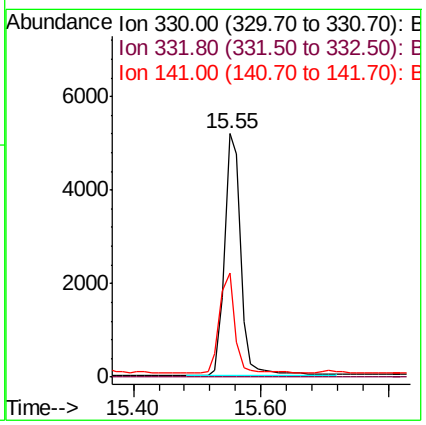


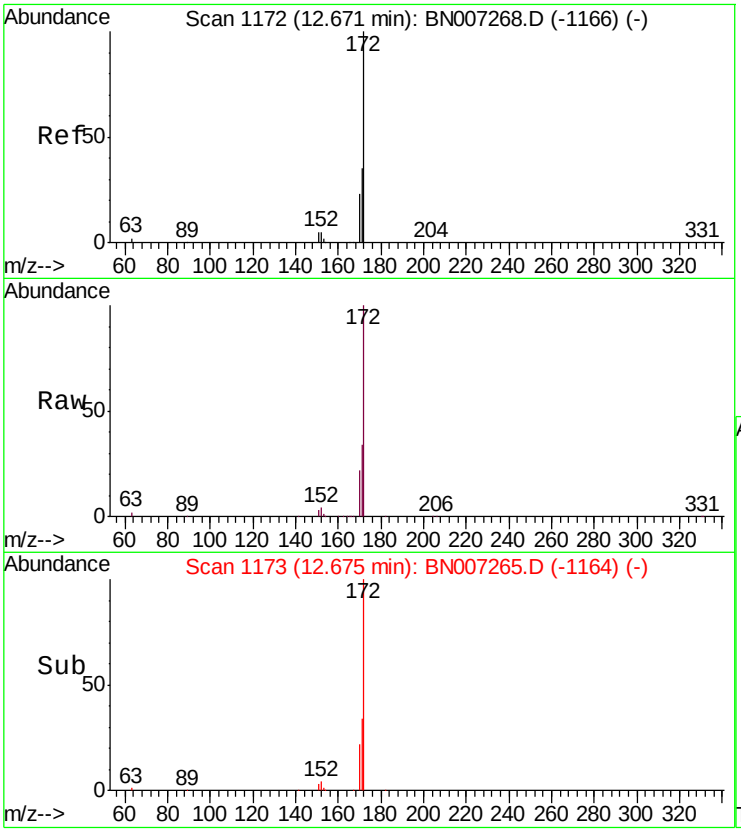


#14
2,4,6-Tribromophenol
Concen: 1.836 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:330 Resp: 9123

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.4	30.3	45.5



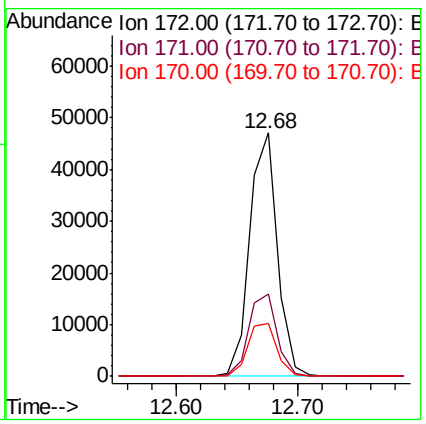


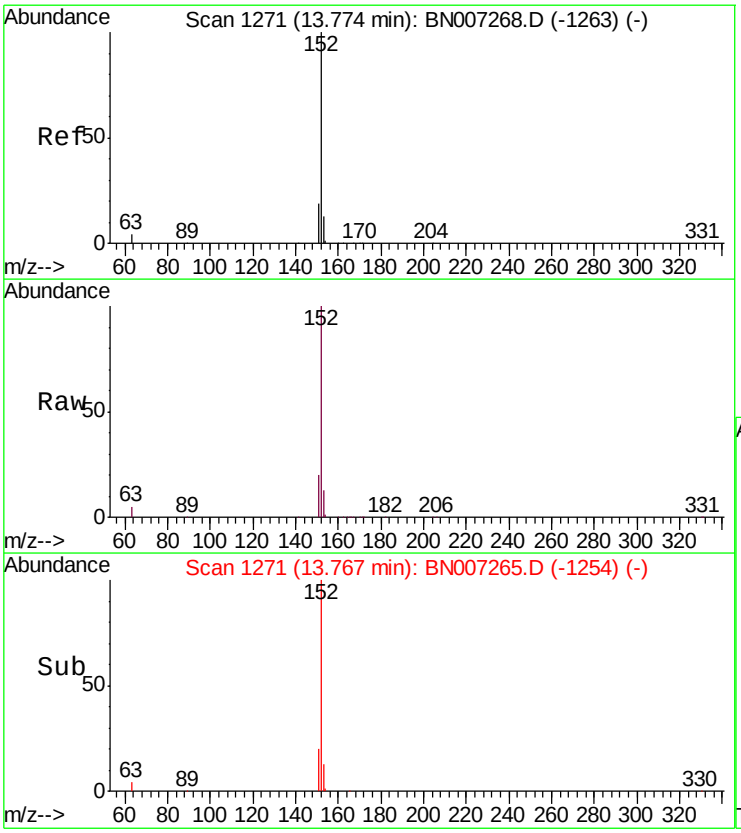
#15
2-Fluorobiphenyl
Concen: 1.879 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 74504

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.6	43.0
170	21.8	18.7	28.1

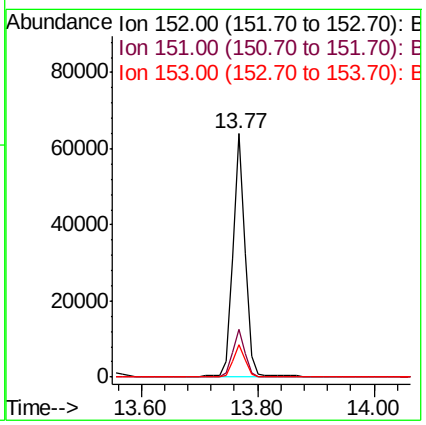


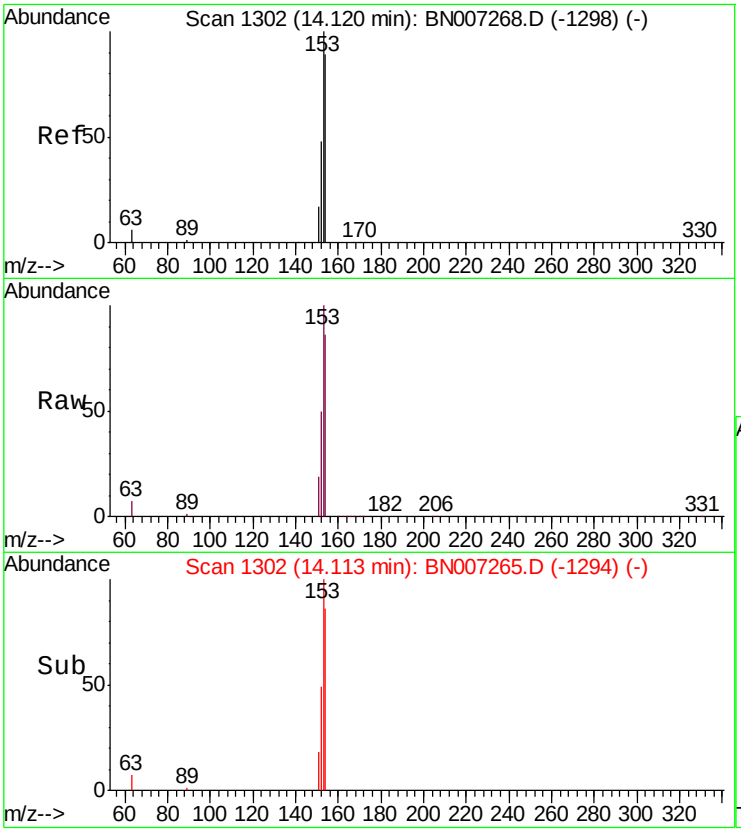


#16
Acenaphthylene
Concen: 1.865 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:152 Resp: 93773

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2
153	13.0	10.1	15.1



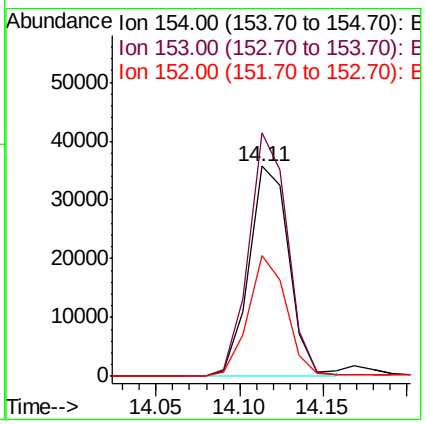


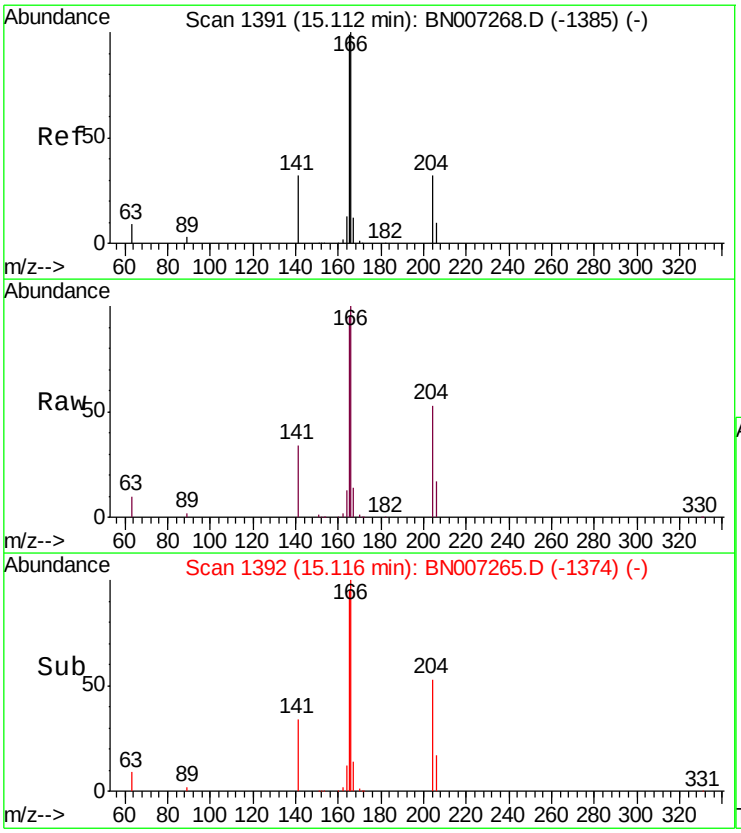
#17
Acenaphthene
Concen: 1.747 ng
RT: 14.11 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 58973

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.9	134.9
152	54.7	43.9	65.9

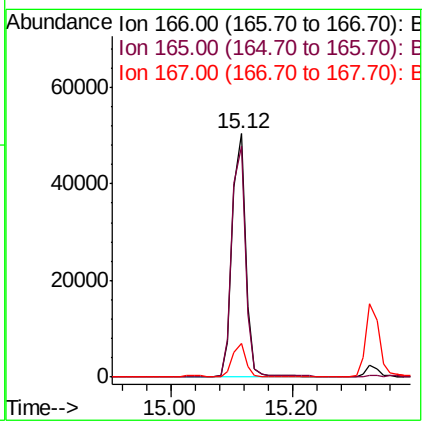


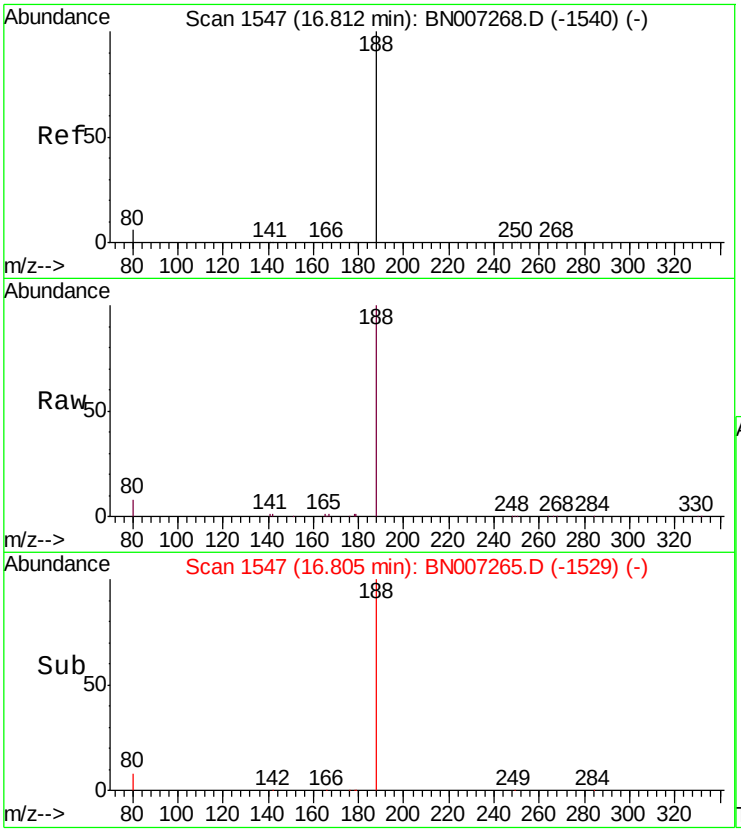


#18
Fluorene
Concen: 1.838 ng
RT: 15.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:166 Resp: 76850

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.3	117.5
167	13.2	11.1	16.7



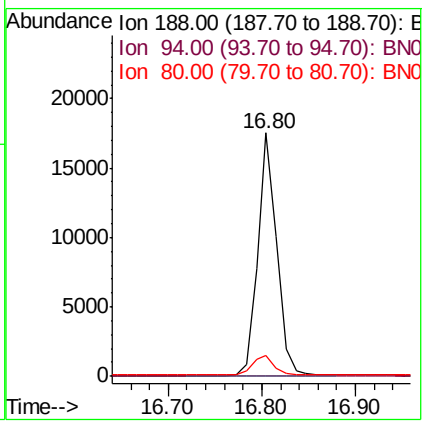


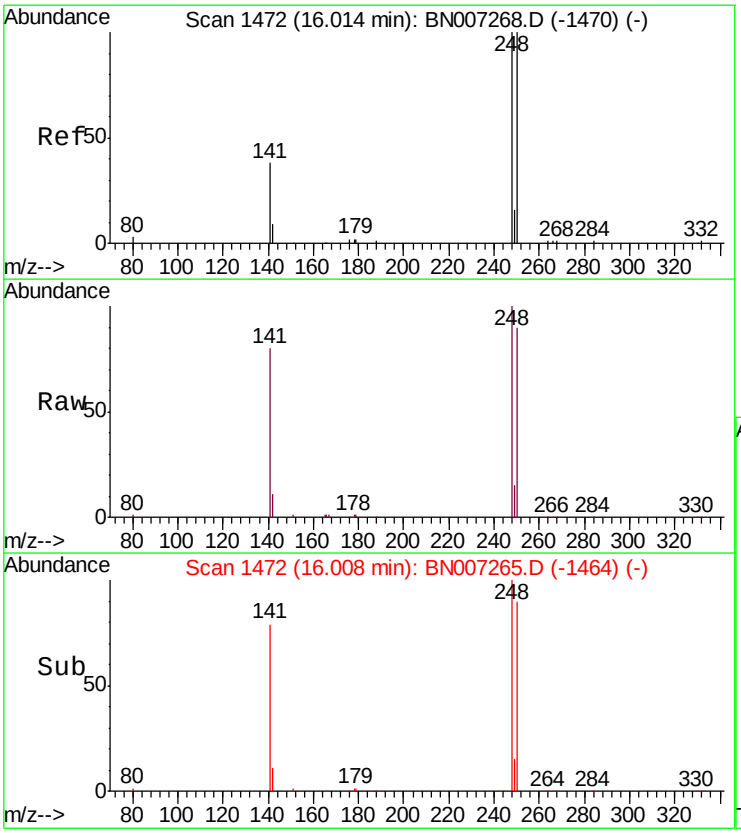
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 24609

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	5.2	7.8#

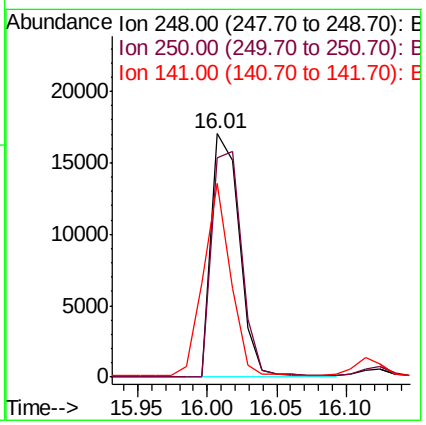


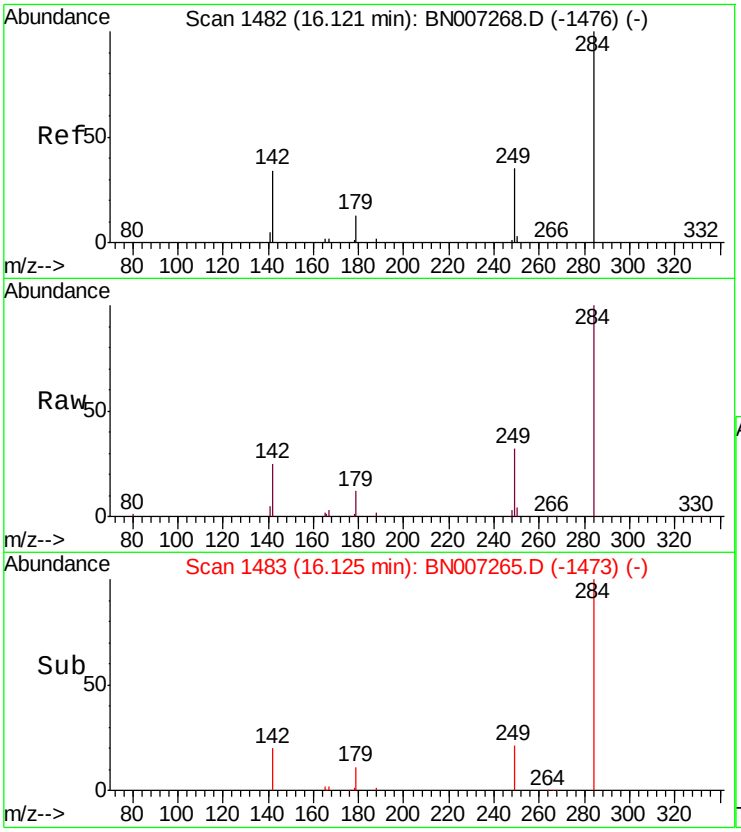


#20
4-Bromophenyl-phenylether
Concen: 1.707 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:248 Resp: 23759

Ion	Ratio	Lower	Upper
248	100		
250	90.0	79.6	119.4
141	79.8	45.1	67.7#



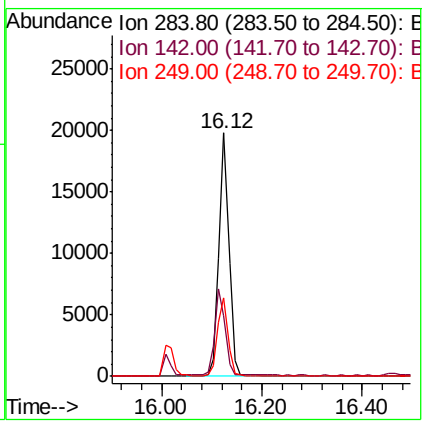


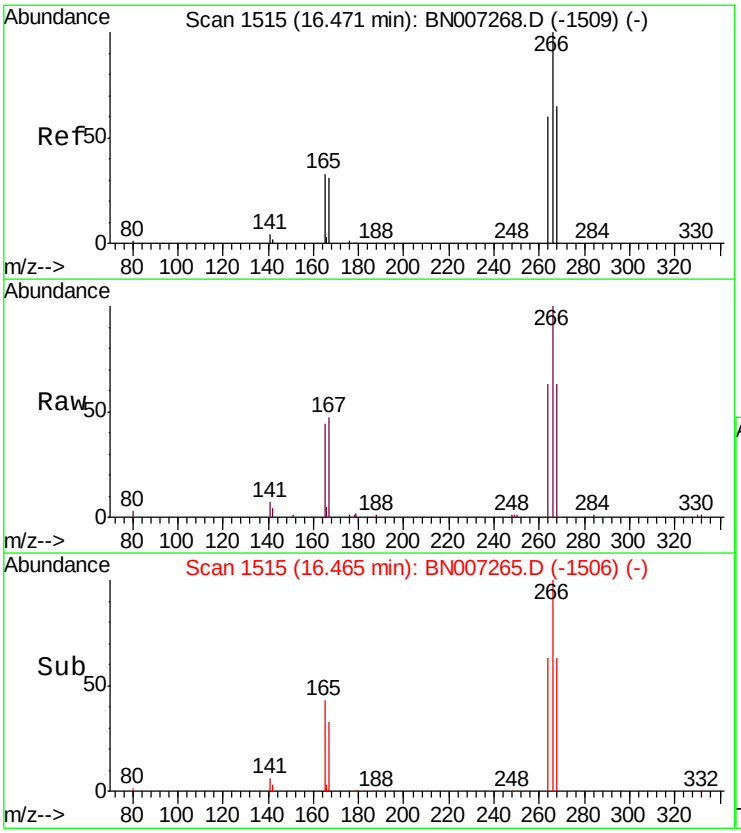
#21
Hexachlorobenzene
Concen: 1.457 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 26422

Ion	Ratio	Lower	Upper
284	100		
142	37.2	29.5	44.3
249	33.3	26.2	39.4

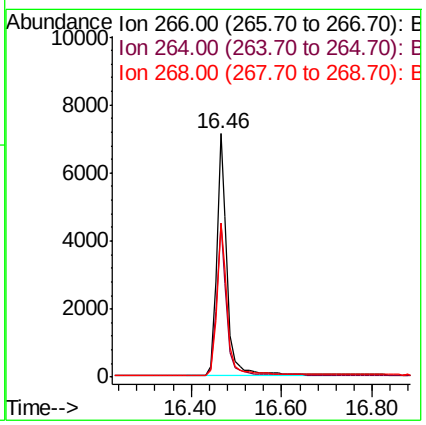


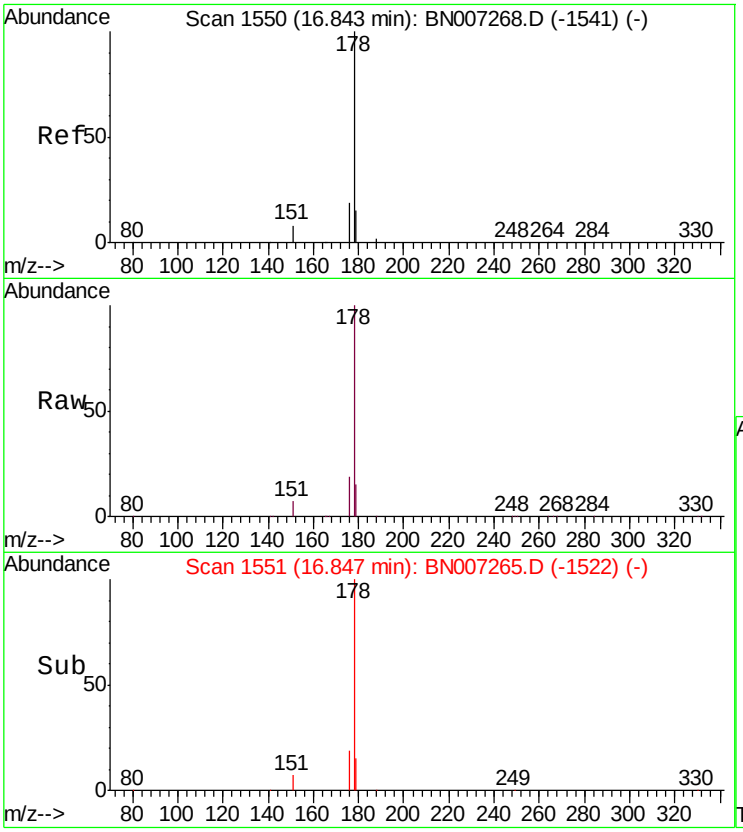


#22
Pentachlorophenol
Concen: 4.704 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:266 Resp: 11245

Ion	Ratio	Lower	Upper
266	100		
264	63.2	48.7	73.1
268	63.2	53.5	80.3



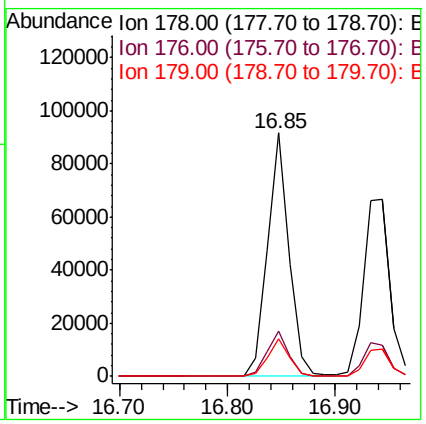


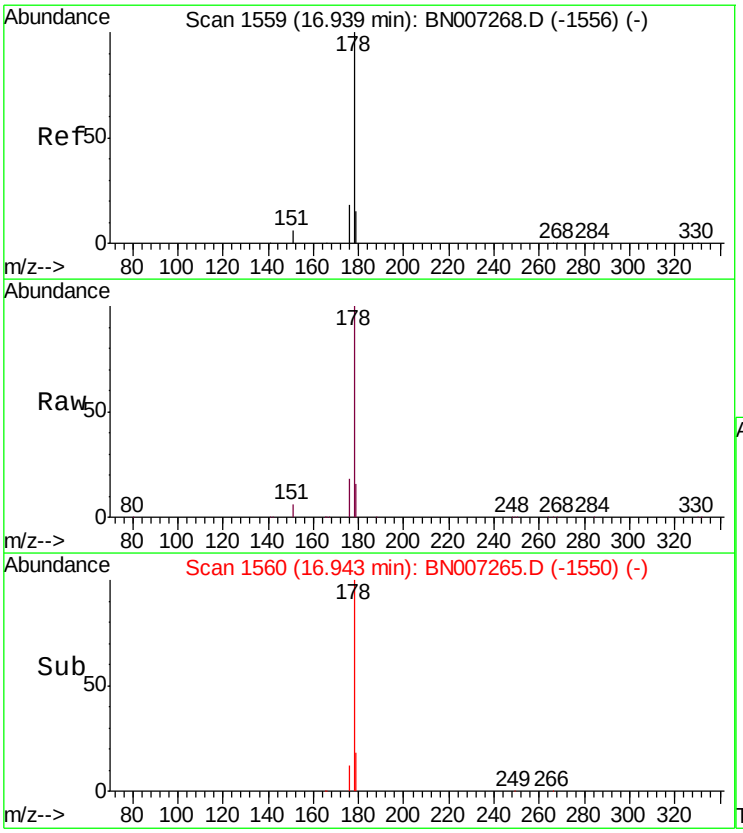
#23
Phenanthrene
Concen: 1.847 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 125982

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.3	12.3	18.5

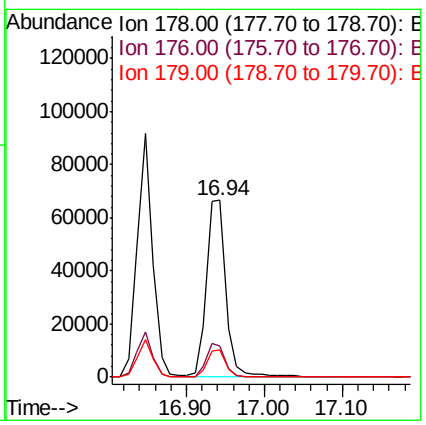


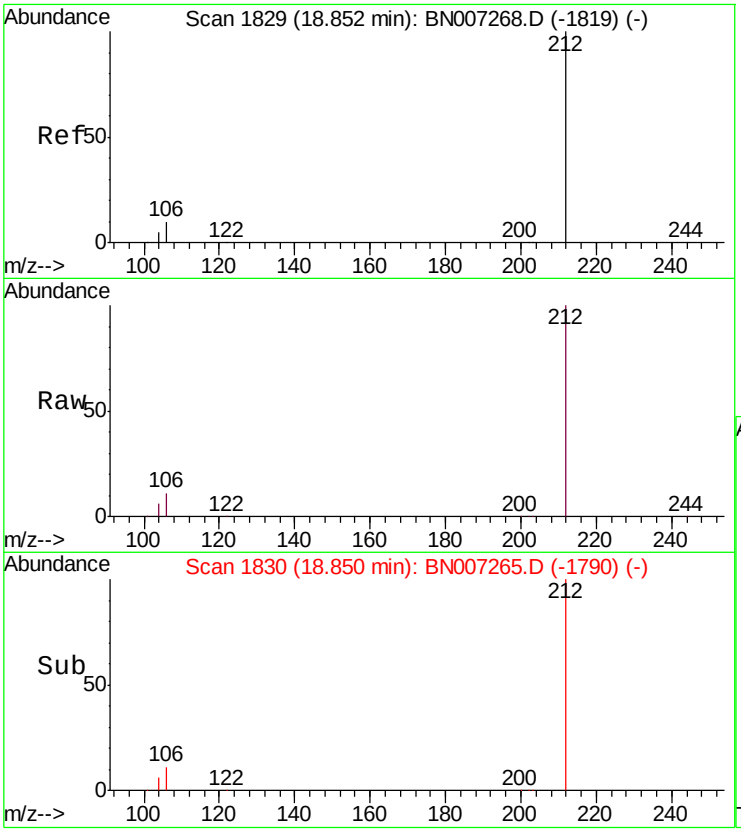


#24
Anthracene
Concen: 1.924 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:178 Resp: 113742

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	15.3	12.3	18.5



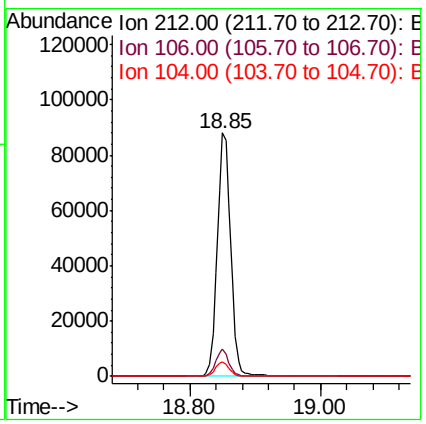


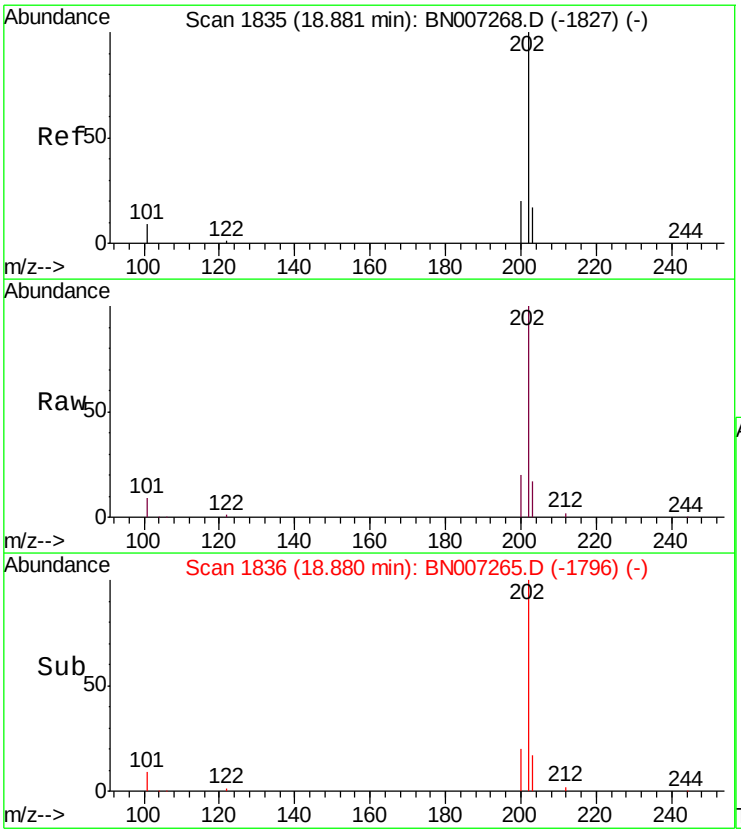
#25
Fluoranthene-d10
Concen: 1.703 ng
RT: 18.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 126585

Ion	Ratio	Lower	Upper
212	100		
106	10.5	8.2	12.4
104	5.8	4.7	7.1

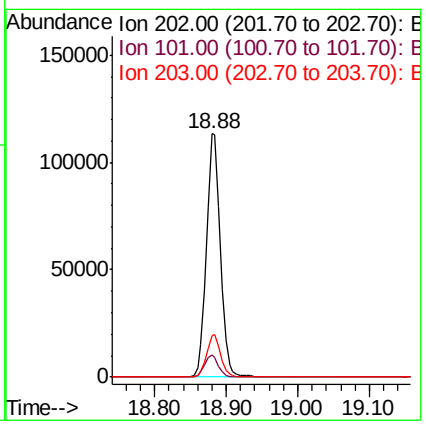


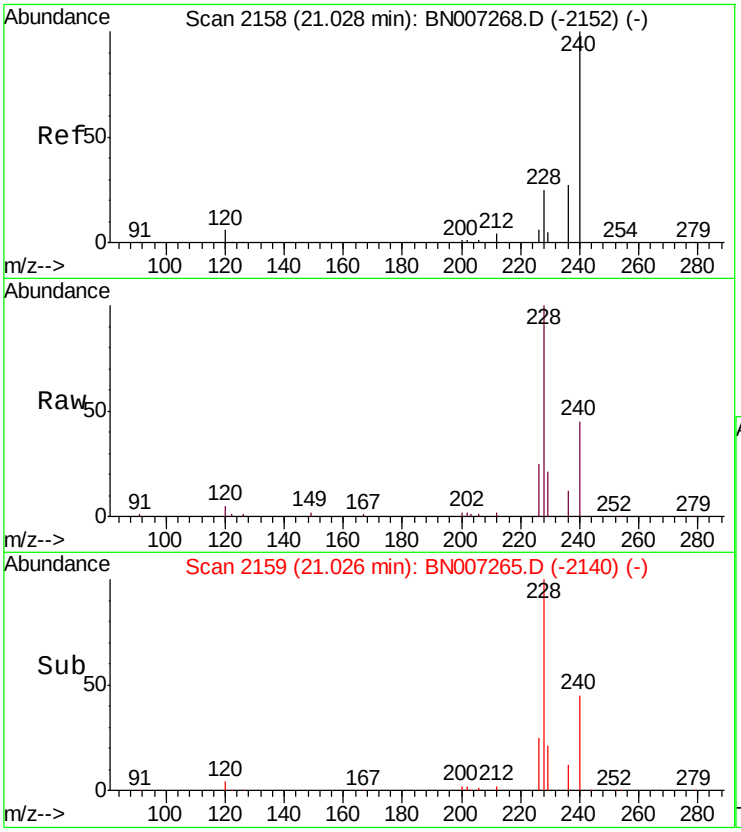


#26
Fluoranthene
Concen: 1.790 ng
RT: 18.88 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:202 Resp: 153273

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.4	13.8	20.6



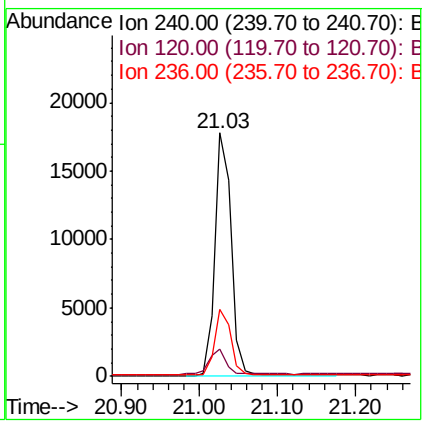


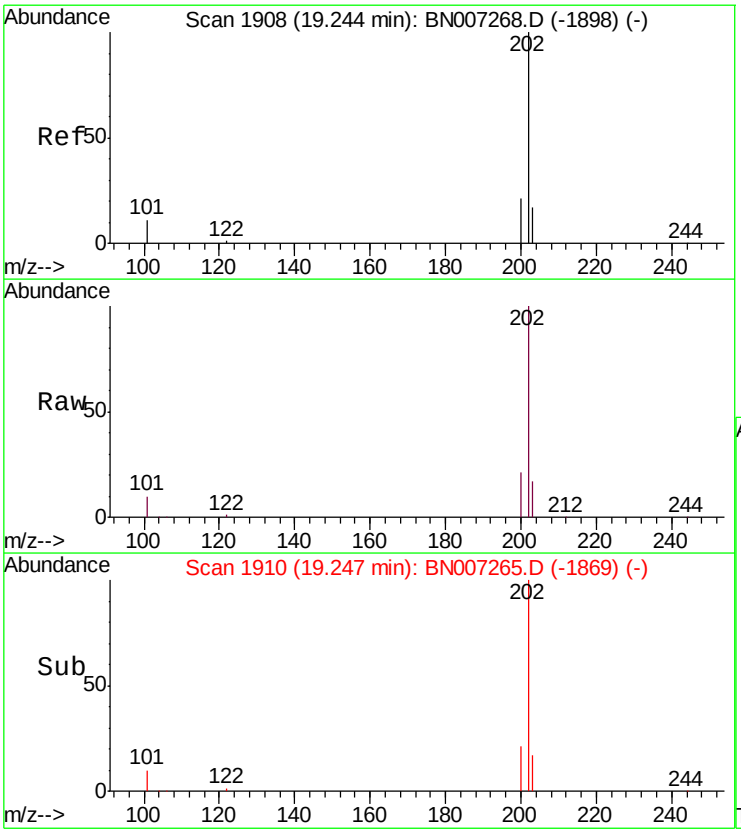
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 25446

Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.6	8.4#
236	27.3	21.6	32.4

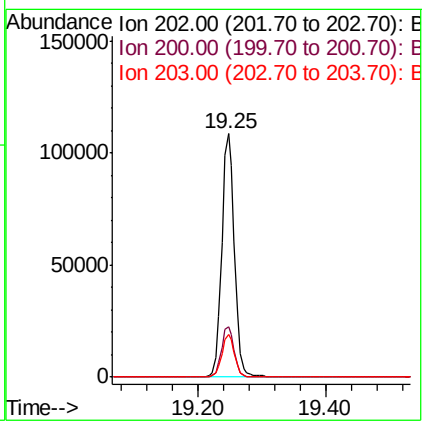


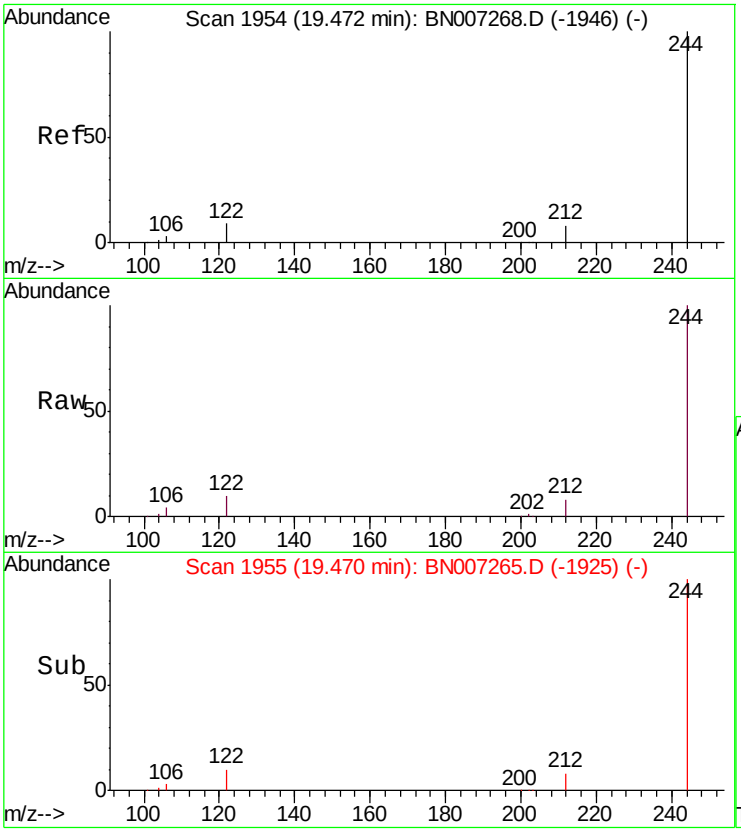


#28
Pyrene
Concen: 1.720 ng
RT: 19.25 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:202 Resp: 152094

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.5	13.9	20.9



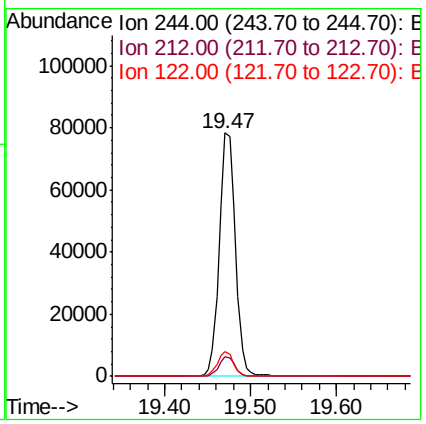


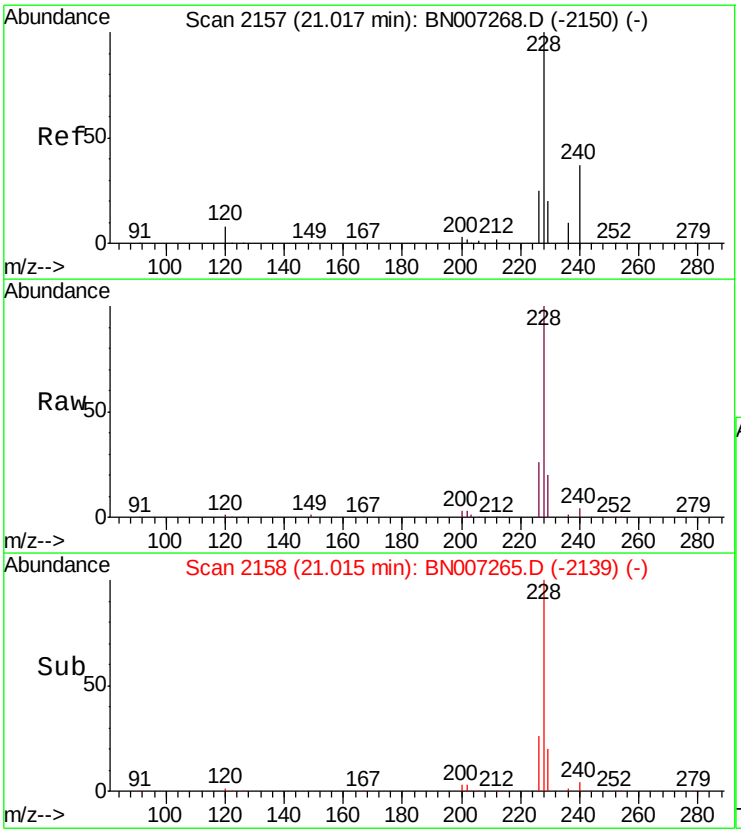
#29
Terphenyl-d14
Concen: 1.818 ng
RT: 19.47 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 101943

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.3	7.9	11.9

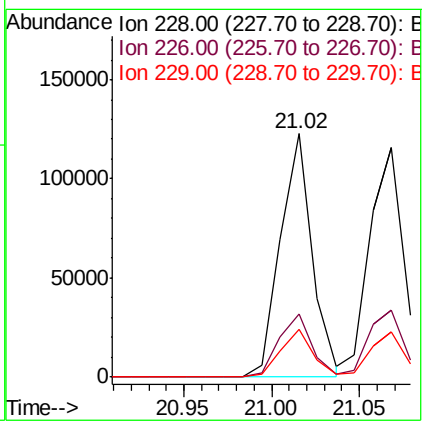


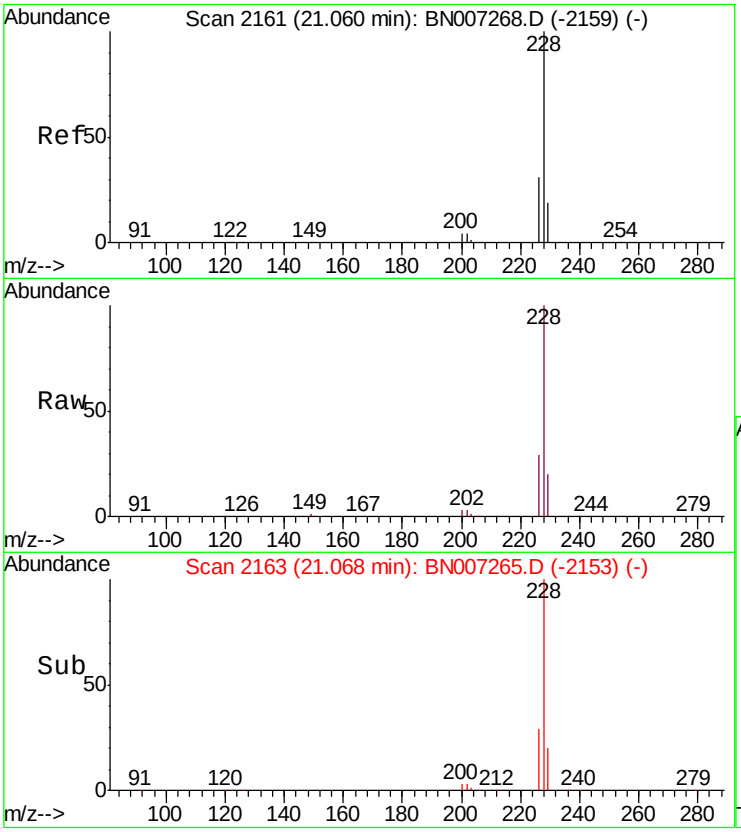


#30
Benzo(a)anthracene
Concen: 1.979 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:228 Resp: 155192

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.6	30.8
229	19.9	16.9	25.3



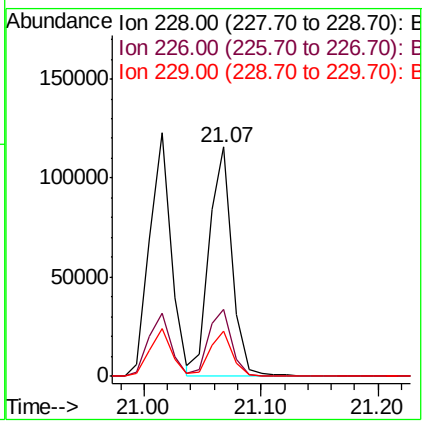


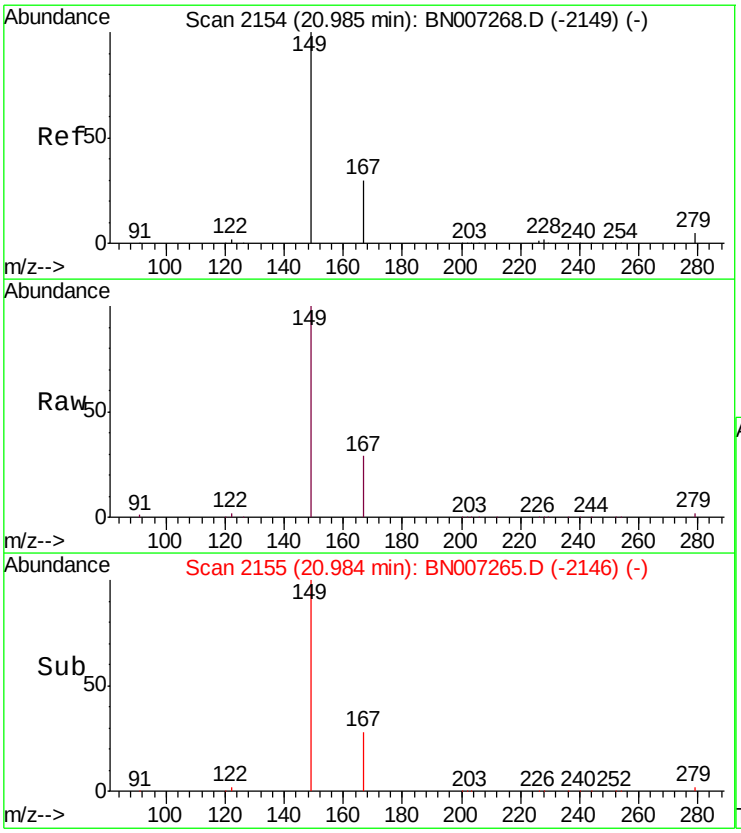
#31
Chrysene
Concen: 1.787 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 157023

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.6	36.8
229	19.9	15.6	23.4

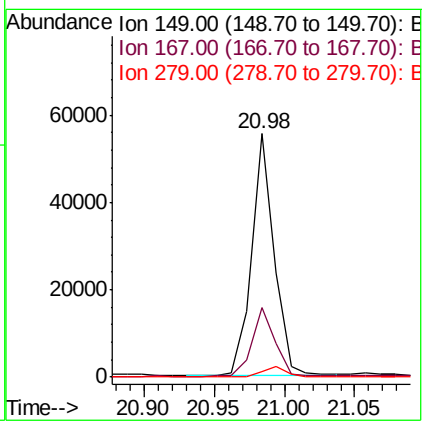


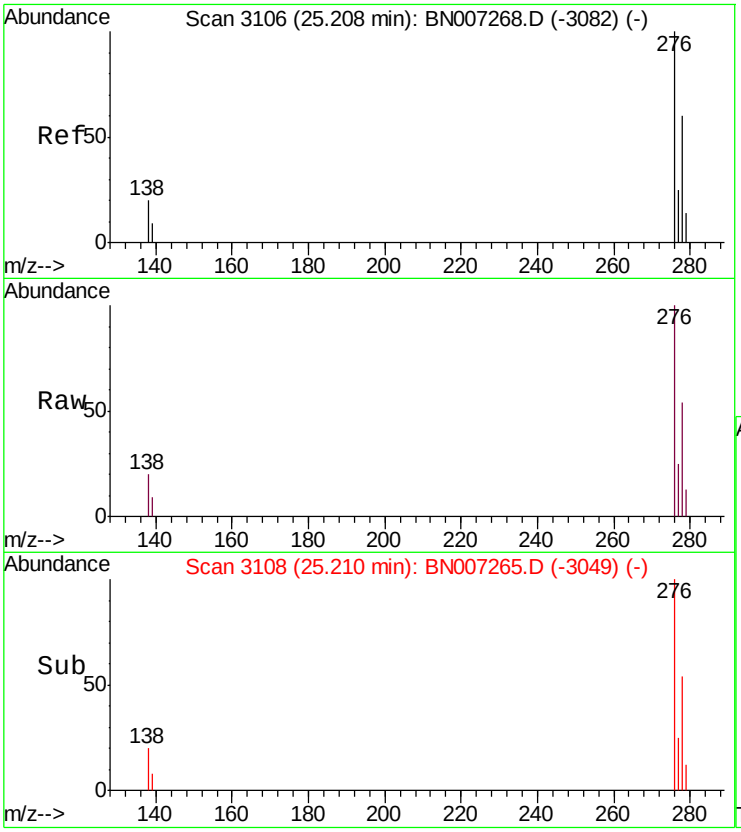


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.683 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:149 Resp: 61463

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.8	35.6
279	4.5	3.8	5.8



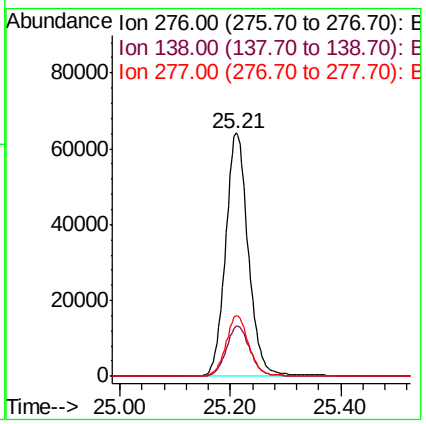


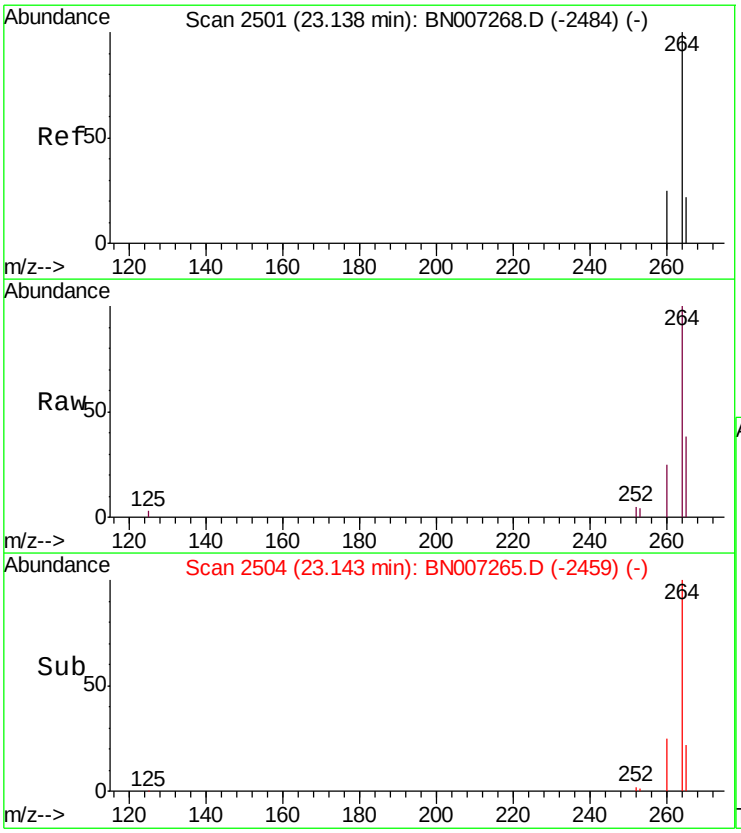
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.702 ng
RT: 25.21 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 183057

Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.1	25.7
277	25.0	20.1	30.1

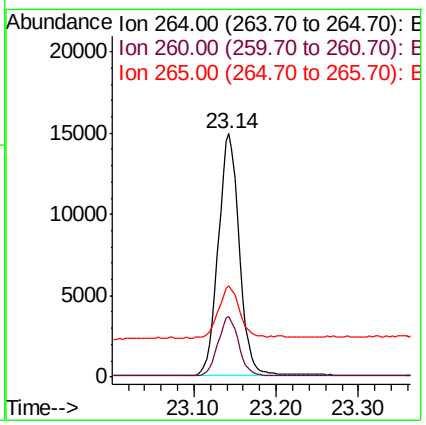


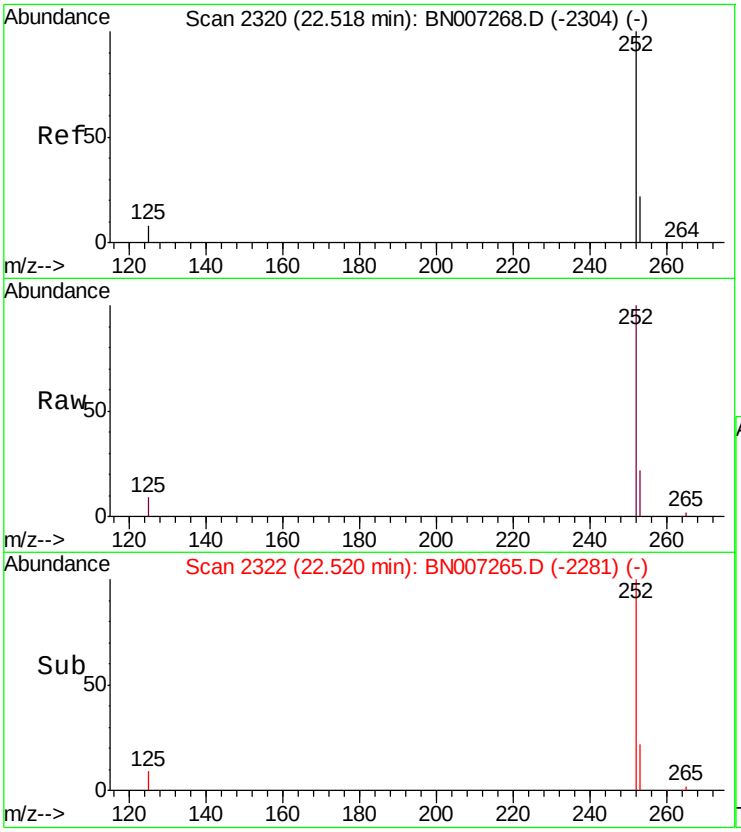


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:264 Resp: 26433

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	37.5	29.0	43.6



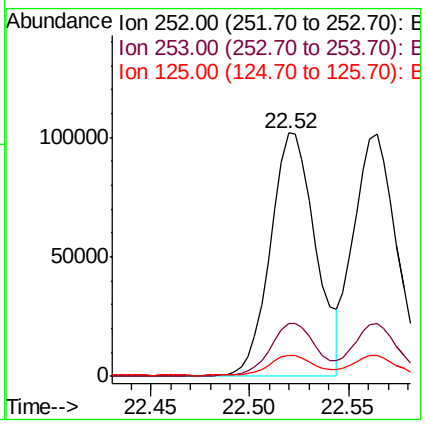


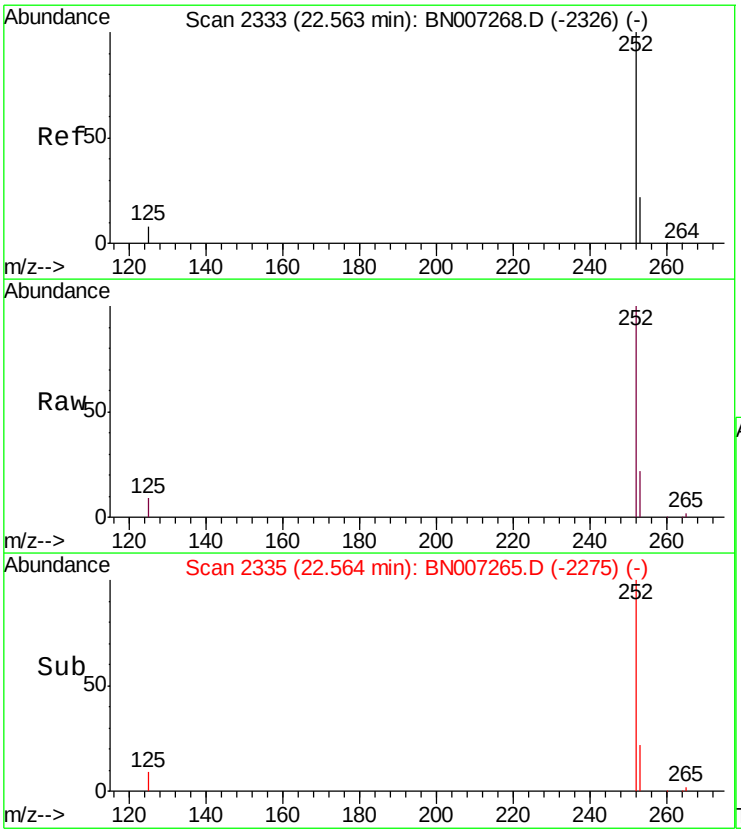
#35
Benzo(b)fluoranthene
Concen: 1.932 ng
RT: 22.52 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 160469

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	8.6	7.8	11.6

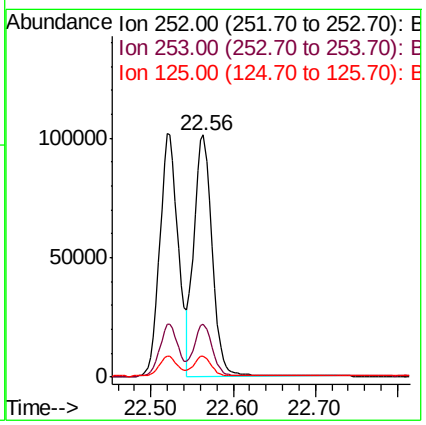


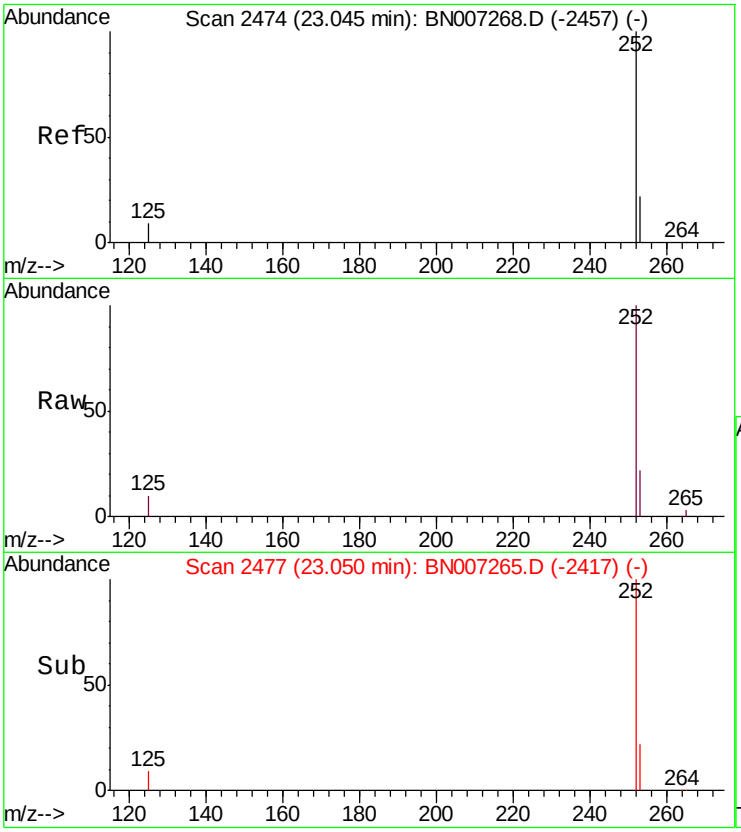


#36
Benzo(k)fluoranthene
Concen: 1.658 ng
RT: 22.56 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:252 Resp: 154565

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	8.6	8.0	12.0



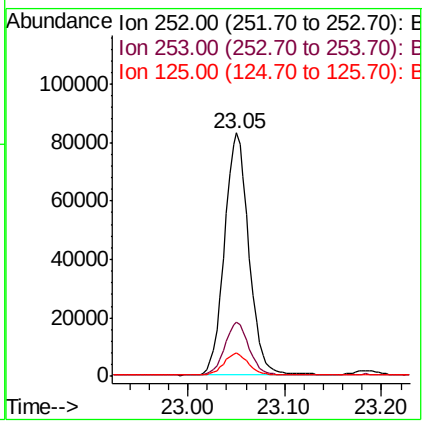


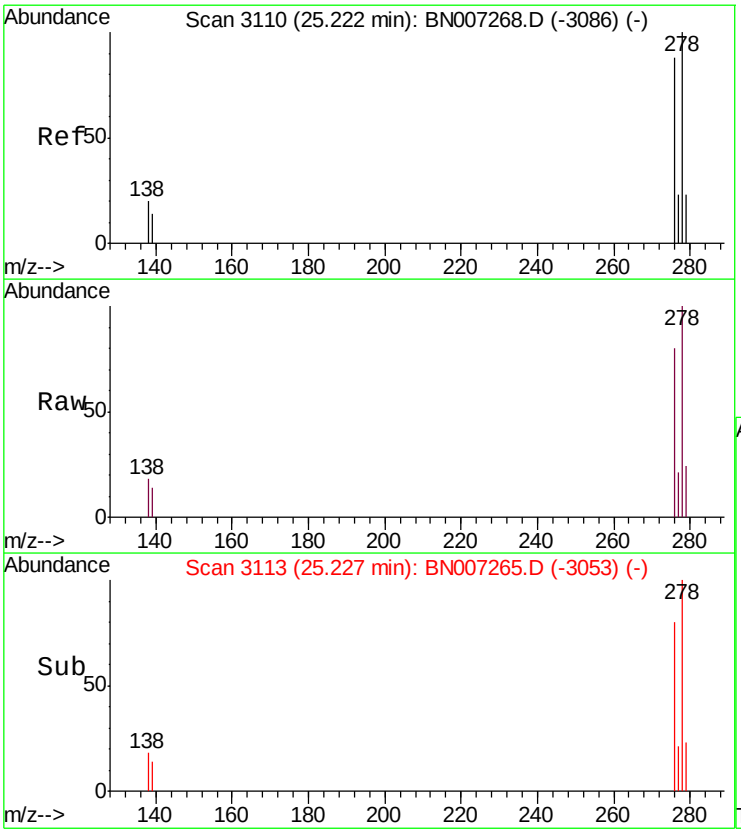
#37
Benzo(a)pyrene
Concen: 1.815 ng
RT: 23.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 146197

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.7	28.1
125	9.6	8.7	13.1

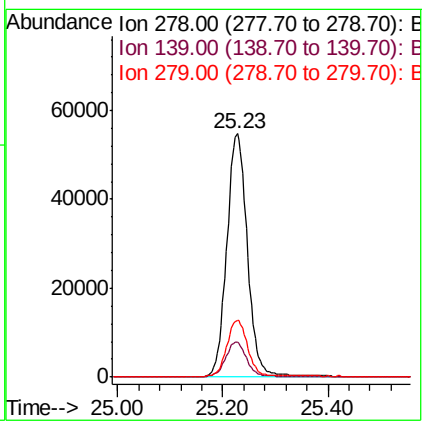


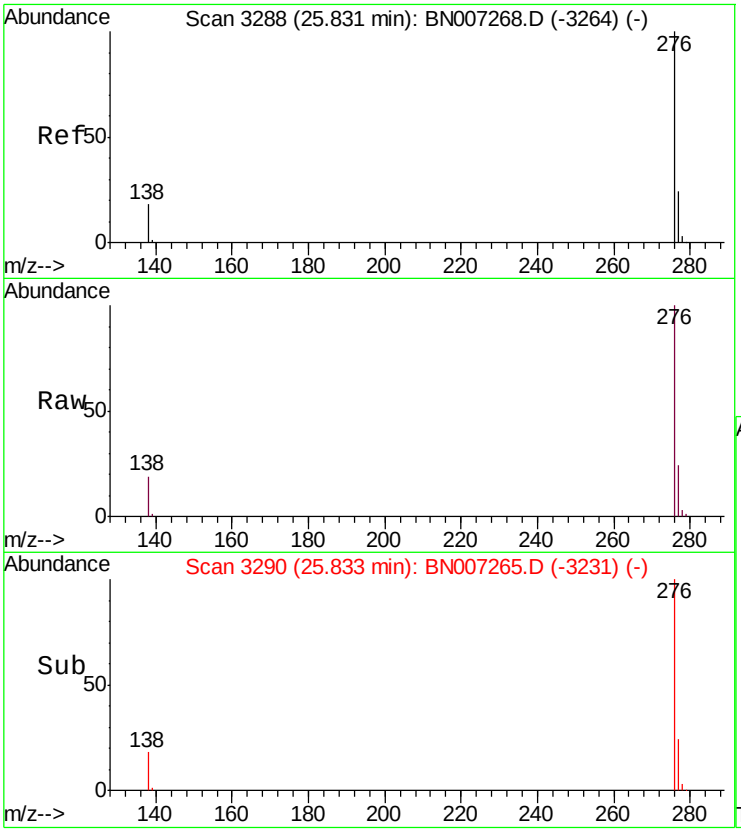


#38
Dibenzo(a,h)anthracene
Concen: 1.838 ng
RT: 25.23 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Tgt Ion:278 Resp: 149246

Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.8	17.8
279	23.5	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 1.763 ng
RT: 25.83 min Scan# 3290
Delta R.T. 0.00 min
Lab File: BN007265.D
Acq: 20 Aug 2019 15:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 150045

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.5	29.3
138	18.6	15.3	22.9