Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
Data File : BN007572.D
Acq On : 10 Sep 2019 12:29
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Sep 10 16:53:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 14:17:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	4874	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	20504	0.40	ng		0.00
13) Acenaphthene-d10	14.35	164	11845	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	29322	0.40	ng		0.00
27) Chrysene-d12	21.29	240	30251	0.40	ng		0.00
34) Perylene-d12	23.52	264	32461	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	0.00	112	0d	0.00	ng		
5) Phenol-d6	6.90	99	3377	0.14	ng		0.00
8) Nitrobenzene-d5	8.86	82	1281	0.07	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	3540	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	504	0.08	ng		0.00
15) 2-Fluorobiphenyl	12.98	172	5027	0.11	ng		0.00
25) Fluoranthene-d10	19.13	212	9529	0.10	ng		0.00
29) Terphenyl-d14	19.74	244	8368	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	544	0.067	ng	#	63
6) bis(2-Chloroethyl)ether	7.19	93	617	0.035	ng		91
9) Naphthalene	10.54	128	5818	0.099	ng		96
10) Hexachlorobutadiene	10.85	225	1187	0.099	ng	#	98
12) 2-Methylnaphthalene	12.16	142	4077	0.102	ng		97
16) Acenaphthylene	14.06	152	6365	0.091	ng		100
17) Acenaphthene	14.40	154	4024	0.098	ng		100
18) Fluorene	15.39	166	5374	0.104	ng		99
20) 4-Bromophenyl-phenylether	16.29	248	1731	0.150	ng		96
21) Hexachlorobenzene	16.40	284	1827	0.093	ng		96
23) Phenanthrene	17.13	178	9174	0.104	ng		99
24) Anthracene	17.22	178	8214	0.093	ng		100
26) Fluoranthene	19.16	202	11053	0.098	ng		100
28) Pyrene	19.52	202	11461	0.094	ng		100
30) Benzo(a)anthracene	21.27	228	10899	0.092	ng		98
31) Chrysene	21.32	228	11245	0.098	ng		99
32) Bis(2-ethylhexyl)phthalate	21.24	149	4072	0.046	ng		97
33) Indeno(1,2,3-cd)pyrene	25.75	276	11883	0.086	ng	#	100
35) Benzo(b)fluoranthene	22.85	252	11186	0.095	ng	#	92
36) Benzo(k)fluoranthene	22.90	252	10719	0.092	ng	#	91
37) Benzo(a)pyrene	23.42	252	9723	0.087	ng	#	88
38) Dibenzo(a,h)anthracene	25.77	278	9664	0.087	ng	#	91
39) Benzo(g,h,i)perylene	26.42	276	10050	0.090	ng	#	93

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

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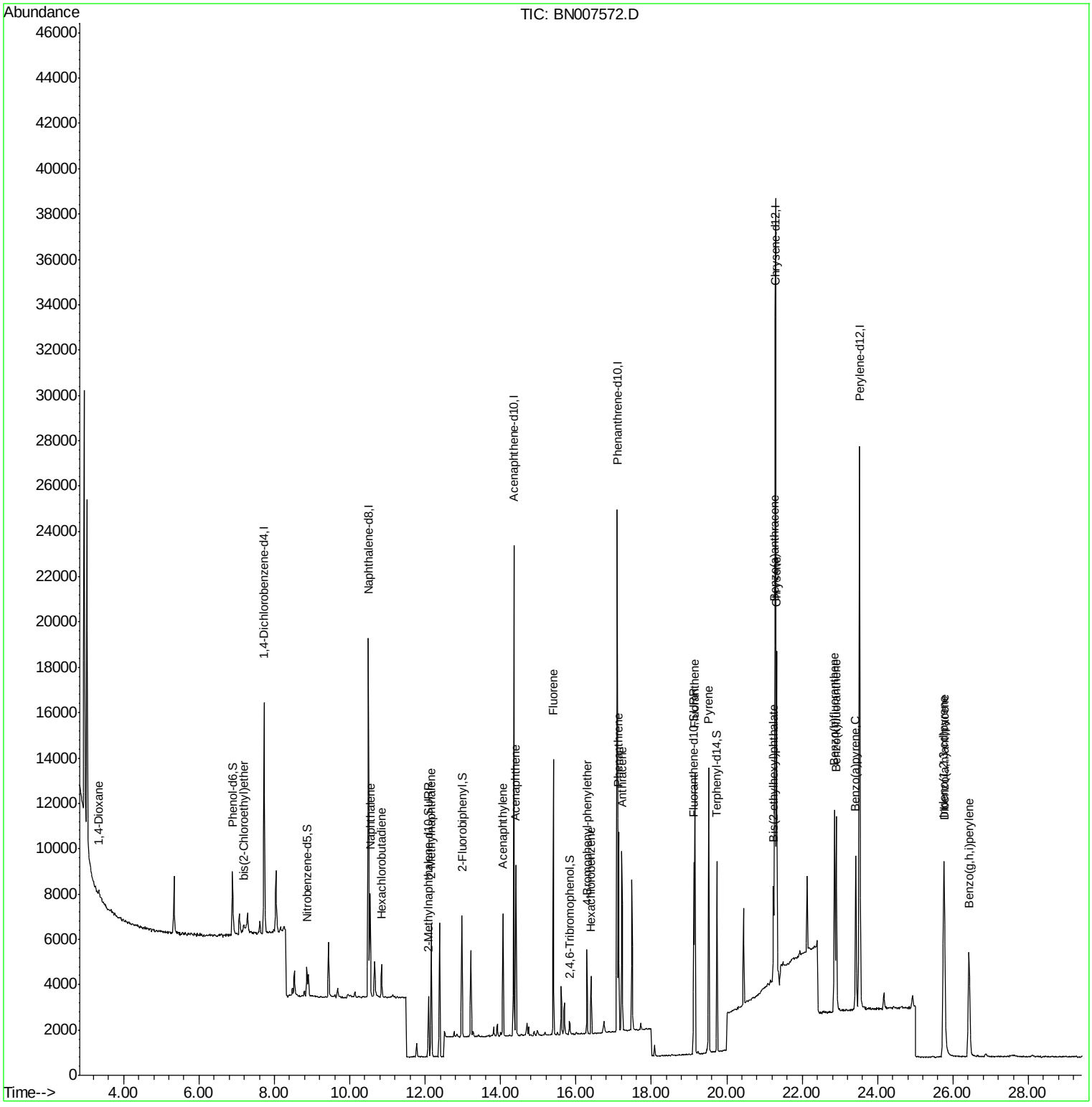
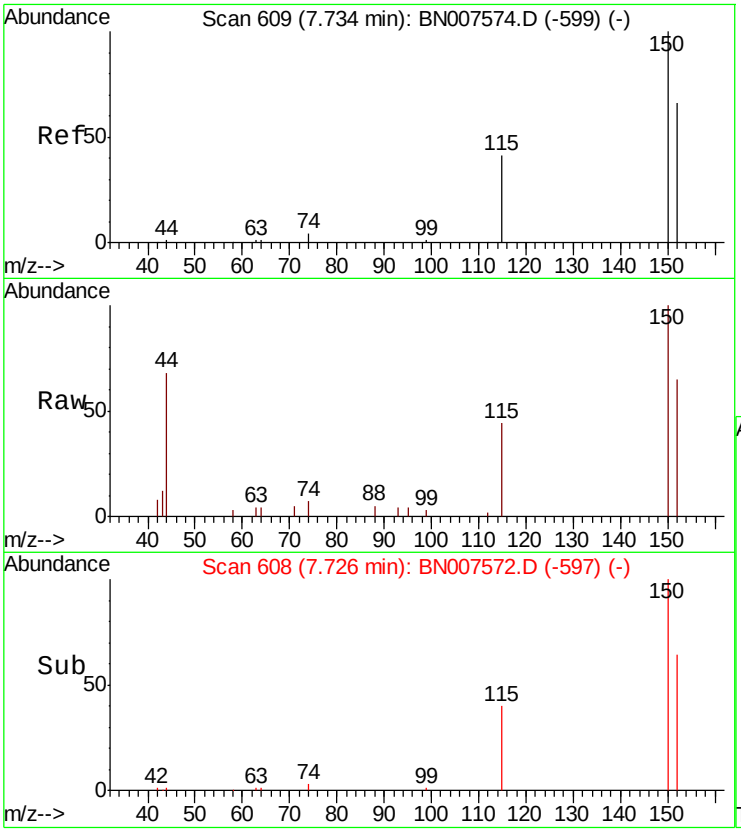
Data File : BN007572.D
Acq On : 10 Sep 2019 12:29
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 10 16:53:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 14:17:20 2019
Response via : Initial Calibration



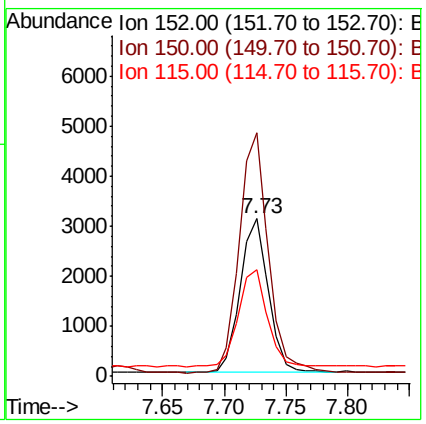


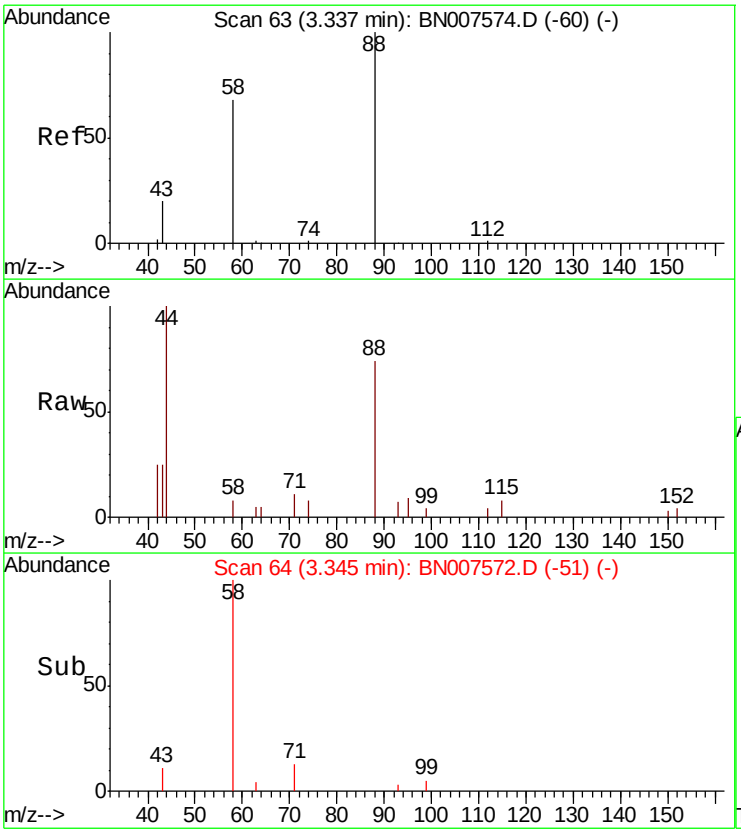
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 4874

Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.5	179.3
115	68.1	53.0	79.6

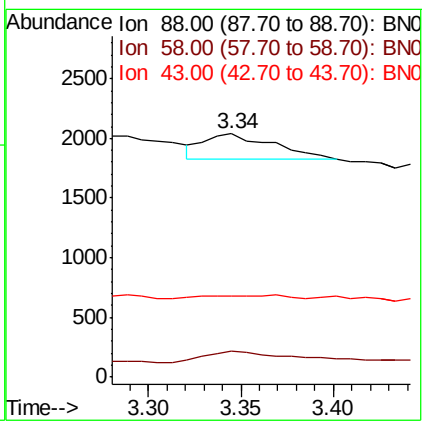


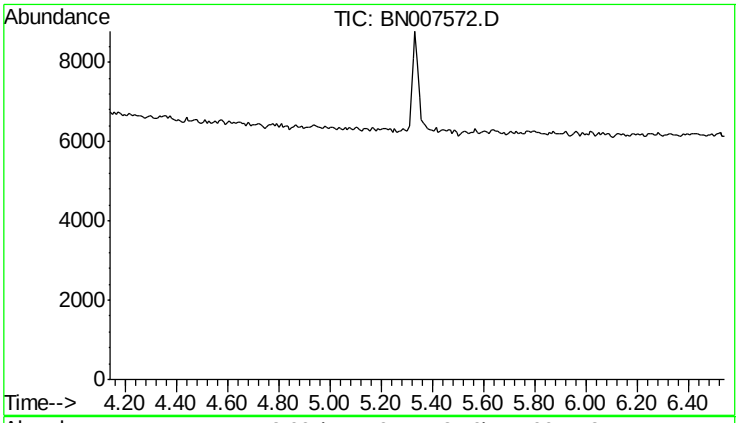


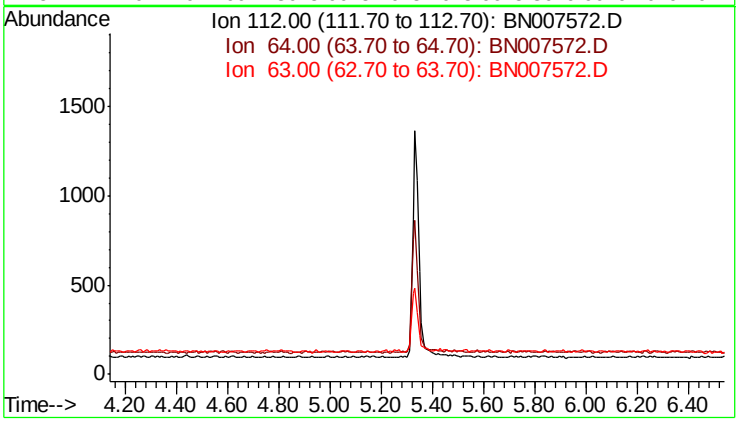
#2
1,4-Dioxane
Concen: 0.067 ng
RT: 3.34 min Scan# 64
Delta R.T. 0.01 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion: 88 Resp: 544

Ion	Ratio	Lower	Upper
88	100		
58	51.5	64.6	96.8#
43	0.0	19.2	28.8#







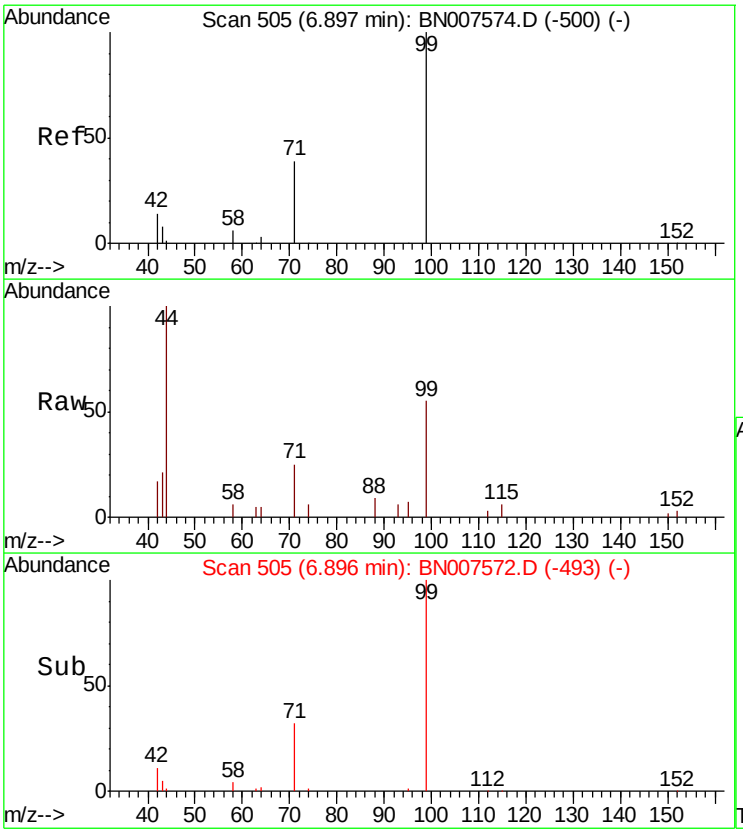
#4
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.34 min

Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	61.5
63	32.5

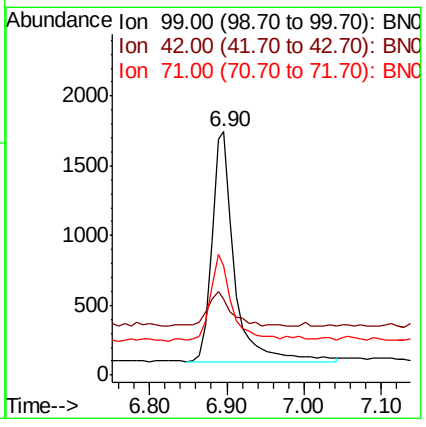
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

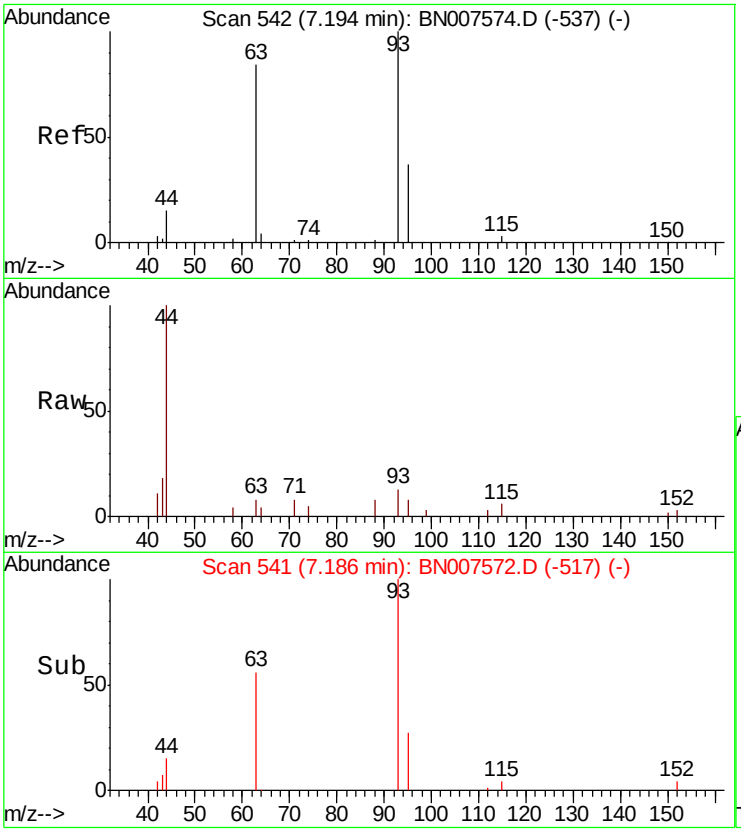


#5
Phenol-d6
Concen: 0.142 ng
RT: 6.90 min Scan# 505
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion: 99 Resp: 3377

Ion	Ratio	Lower	Upper
99	100		
42	16.8	11.8	17.8
71	35.1	28.8	43.2



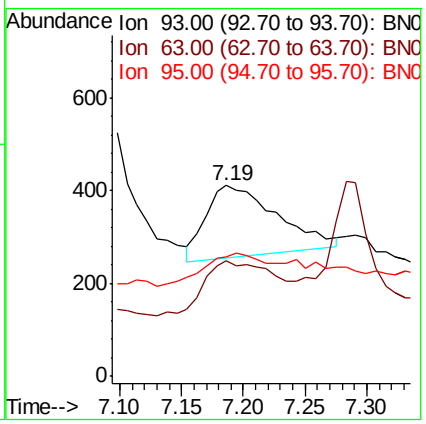


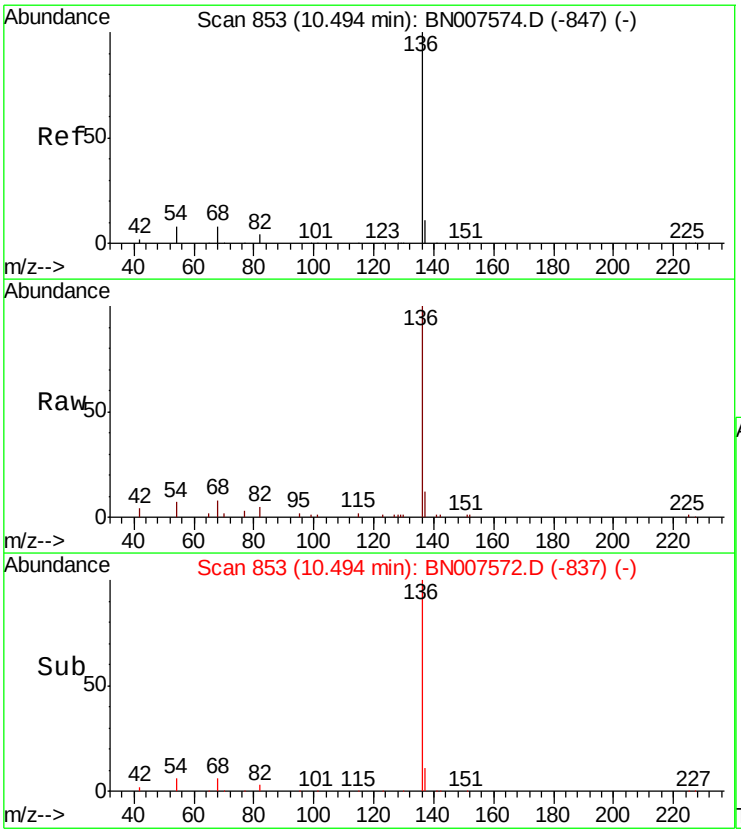
#6
bis(2-Chloroethyl)ether
Concen: 0.035 ng
RT: 7.19 min Scan# 541
Delta R.T. -0.01 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 93 Resp: 617

Ion	Ratio	Lower	Upper
93	100		
63	81.7	69.8	104.6
95	43.9	42.8	64.2

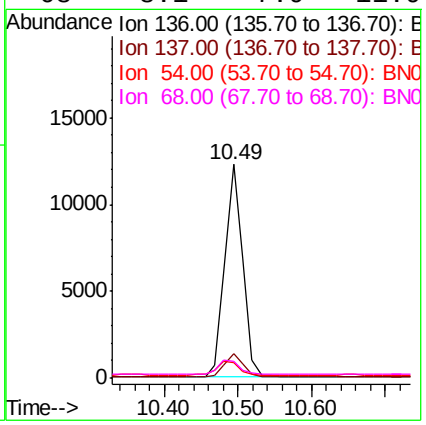


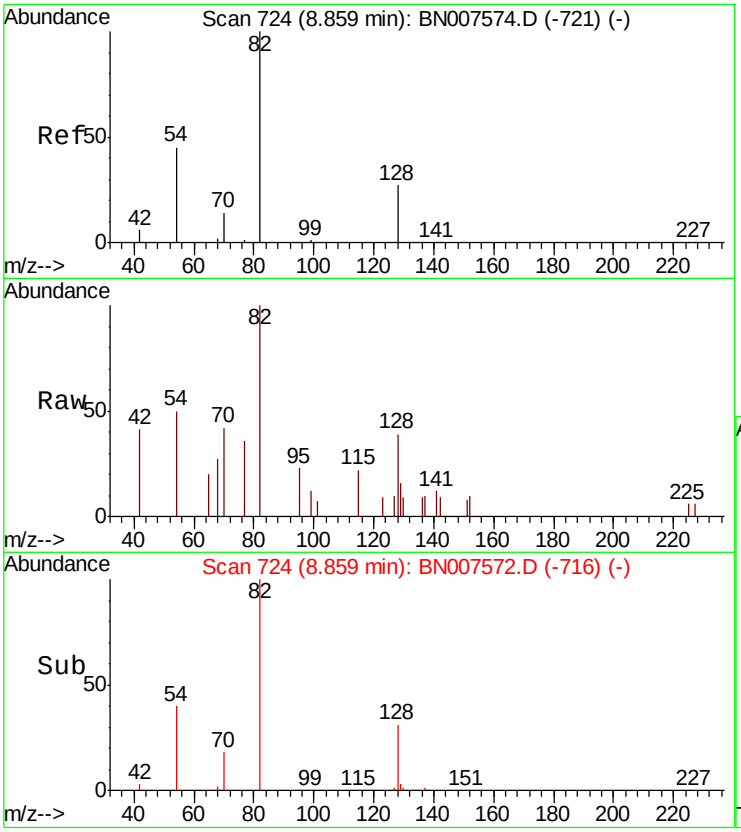


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:136 Resp: 20504

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.4	7.5	11.3#
68	8.1	7.9	11.9



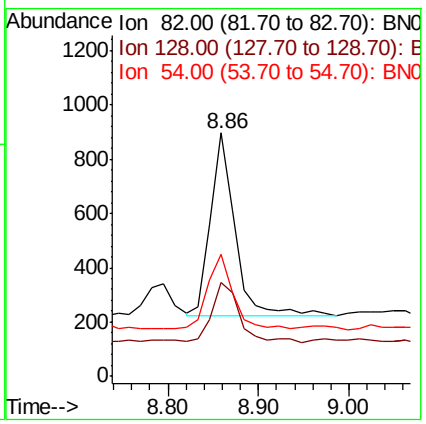


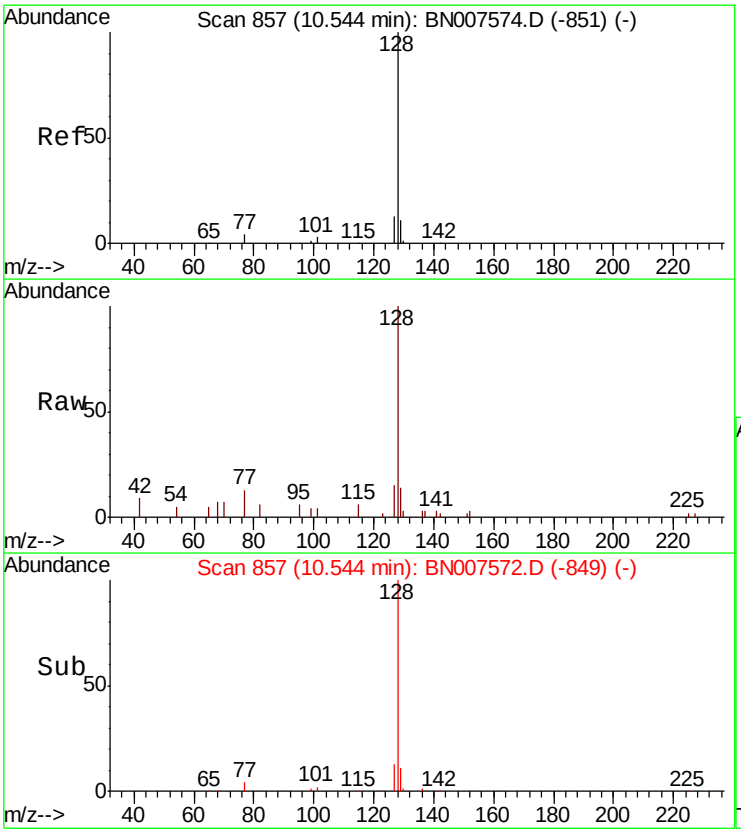
#8
Nitrobenzene-d5
Concen: 0.072 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 1281

Ion	Ratio	Lower	Upper
82	100		
128	38.6	23.4	35.2#
54	50.2	38.2	57.2

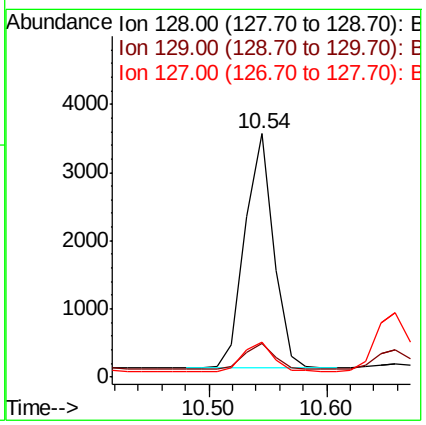


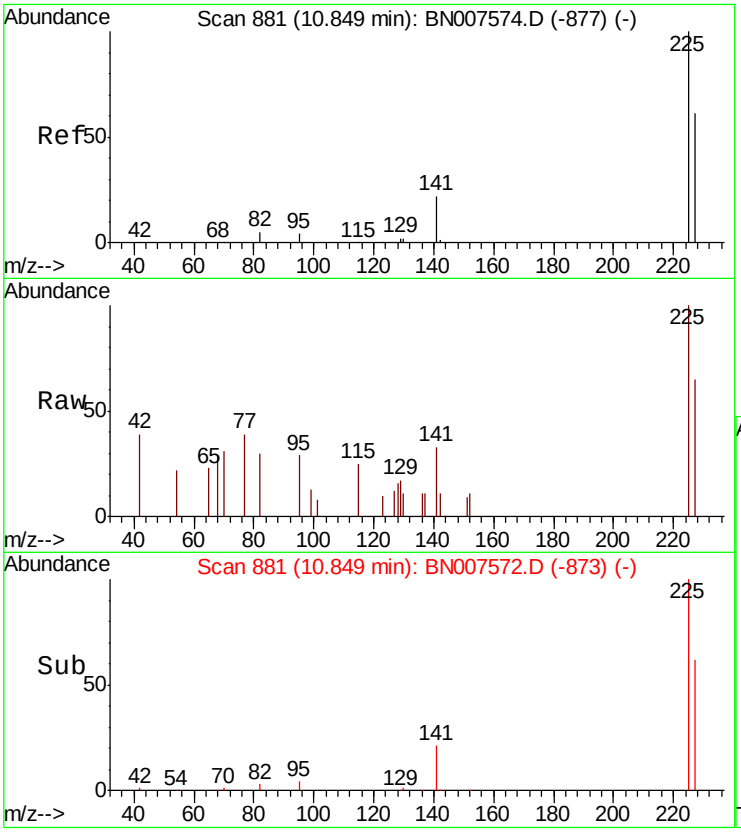


#9
Naphthalene
Concen: 0.099 ng
RT: 10.54 min Scan# 857
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:128 Resp: 5818

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.3	13.9
127	14.6	11.0	16.4



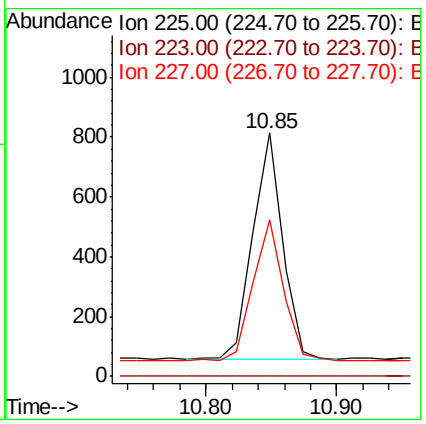


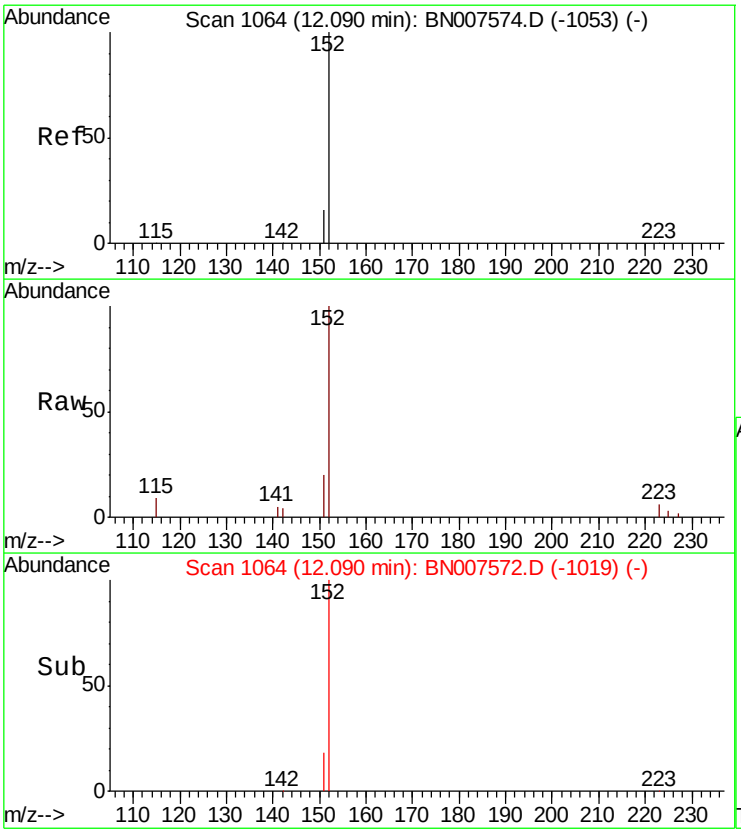
#10
Hexachlorobutadiene
Concen: 0.099 ng
RT: 10.85 min Scan# 881
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:225 Resp: 1187

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.4	75.6

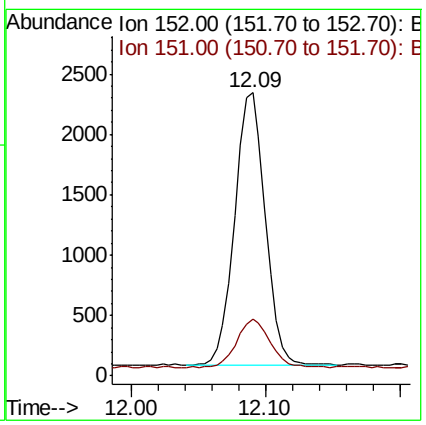


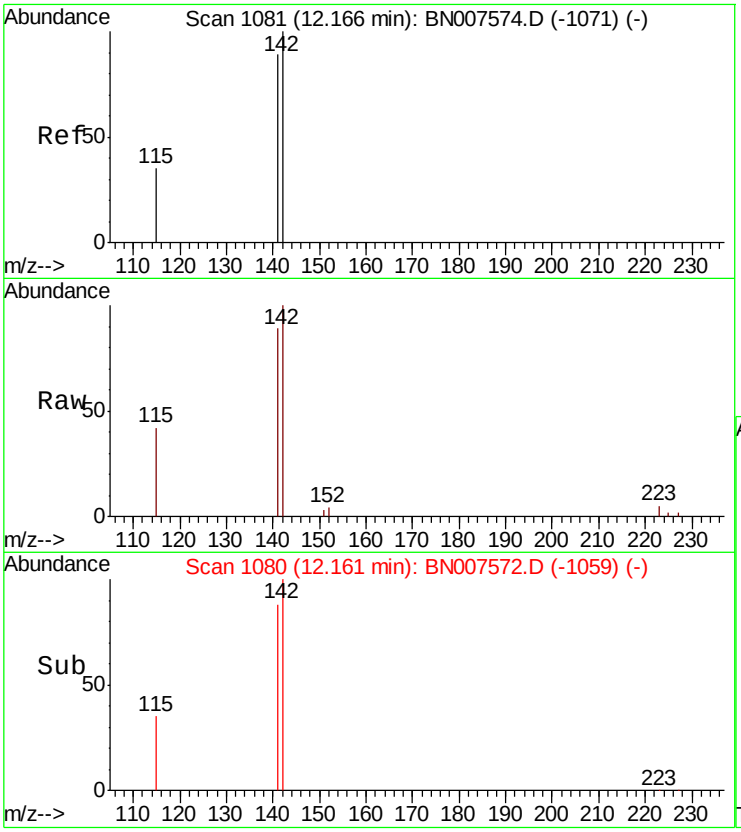


#11
2-Methylnaphthalene-d10
Concen: 0.104 ng
RT: 12.09 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:152 Resp: 3540

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9



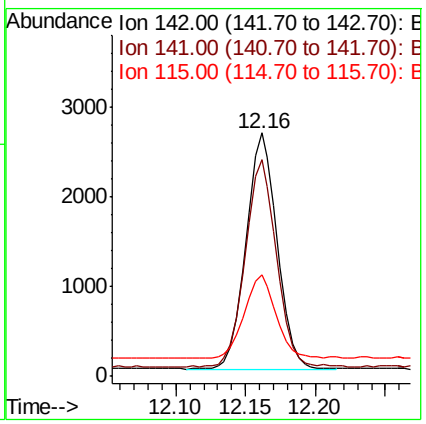


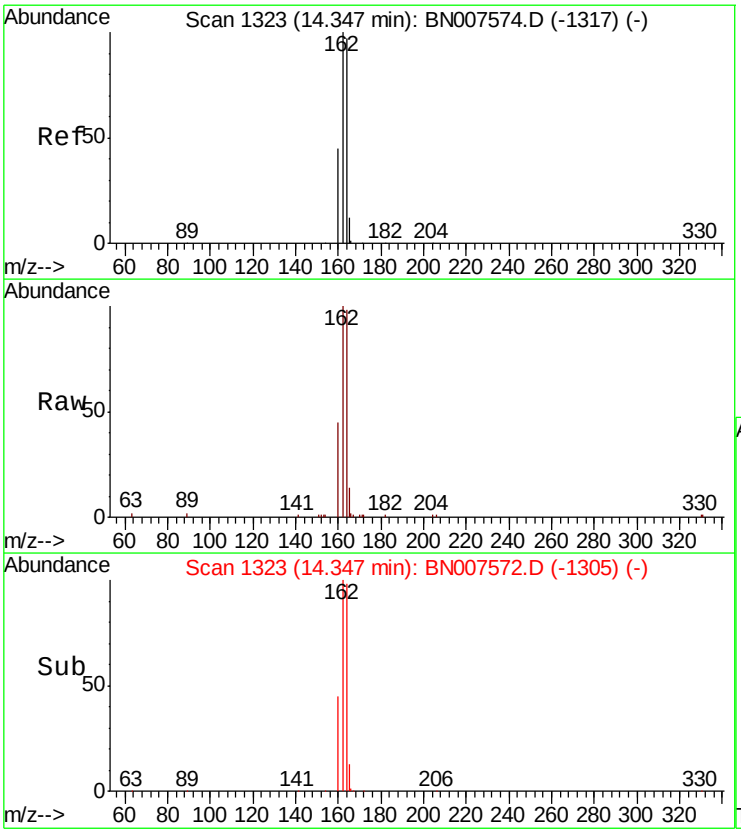
#12
2-Methylnaphthalene
Concen: 0.102 ng
RT: 12.16 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 4077

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	41.8	29.1	43.7

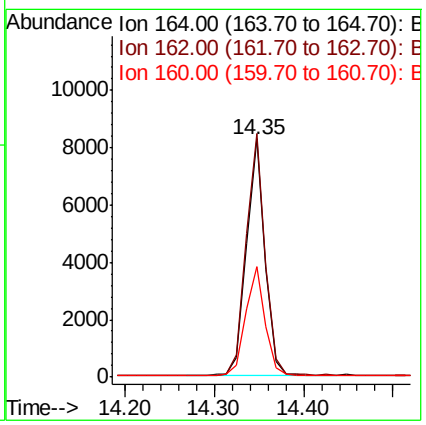


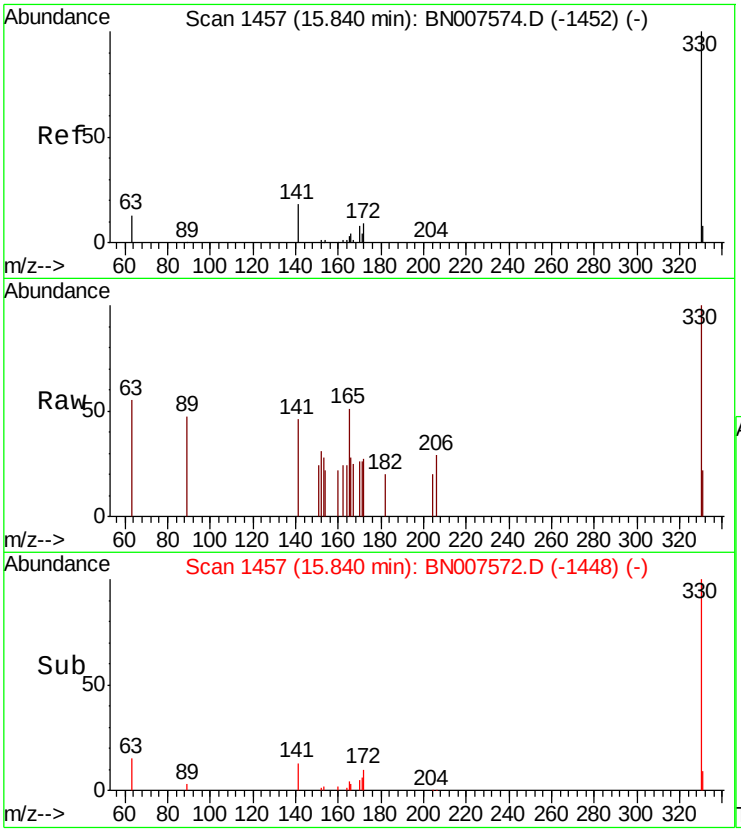


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.35 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:164 Resp: 11845

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.2
160	46.2	37.4	56.0



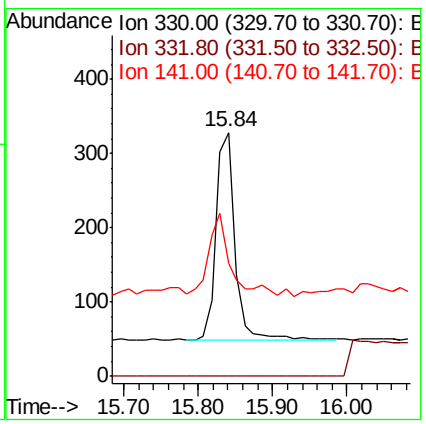


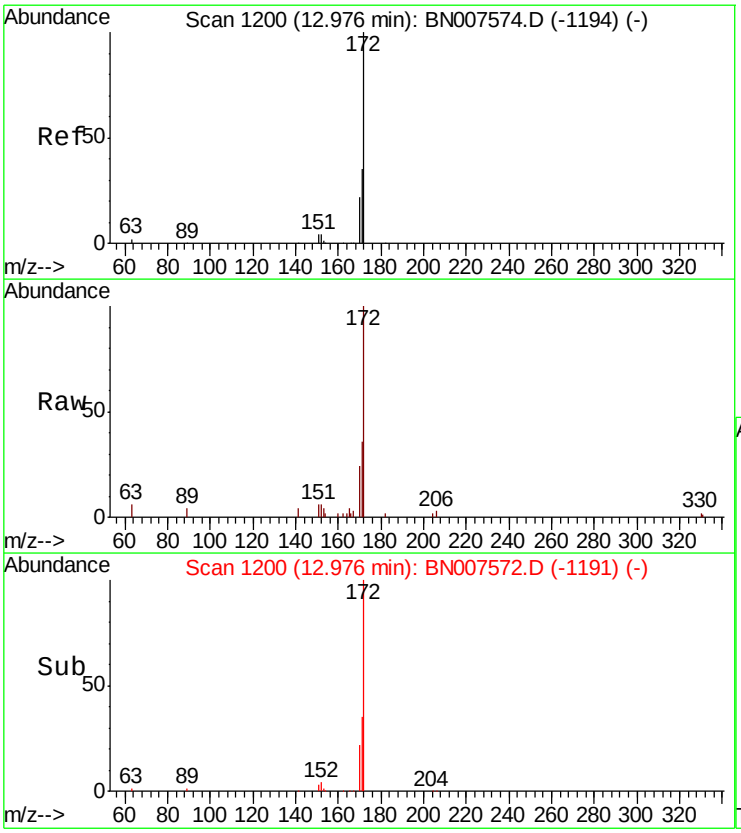
#14
2,4,6-Tribromophenol
Concen: 0.081 ng
RT: 15.84 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 504

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.7	30.6	45.8

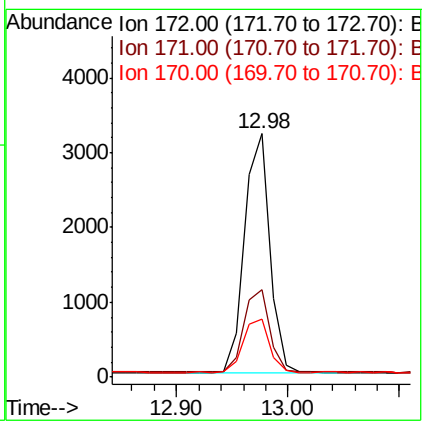


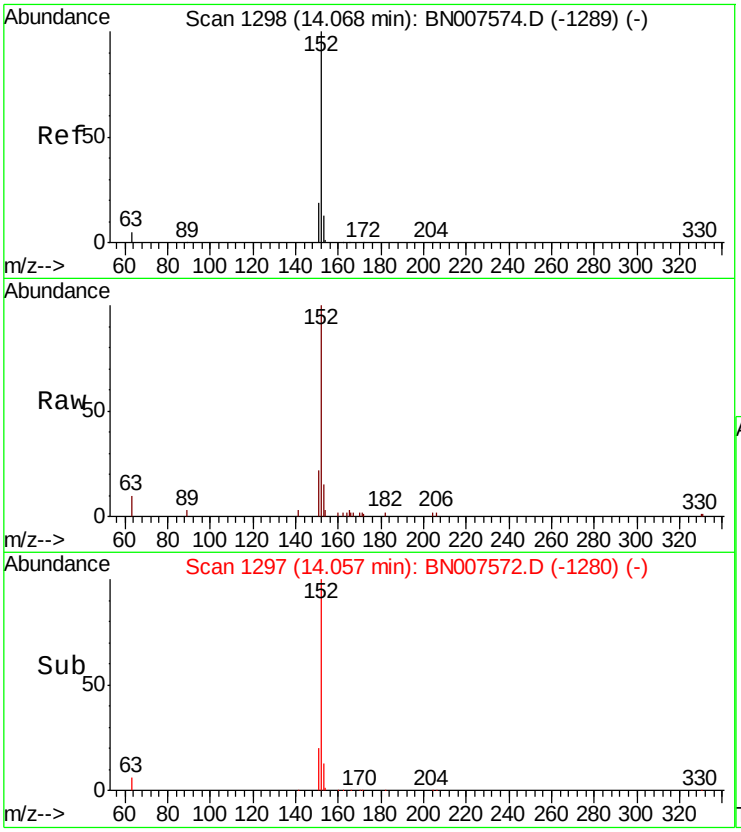


#15
2-Fluorobiphenyl
Concen: 0.105 ng
RT: 12.98 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:172 Resp: 5027

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.2
170	23.6	18.3	27.5



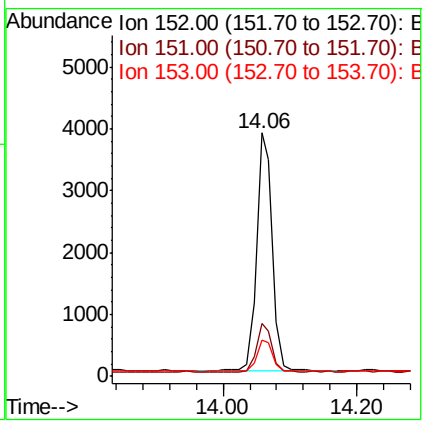


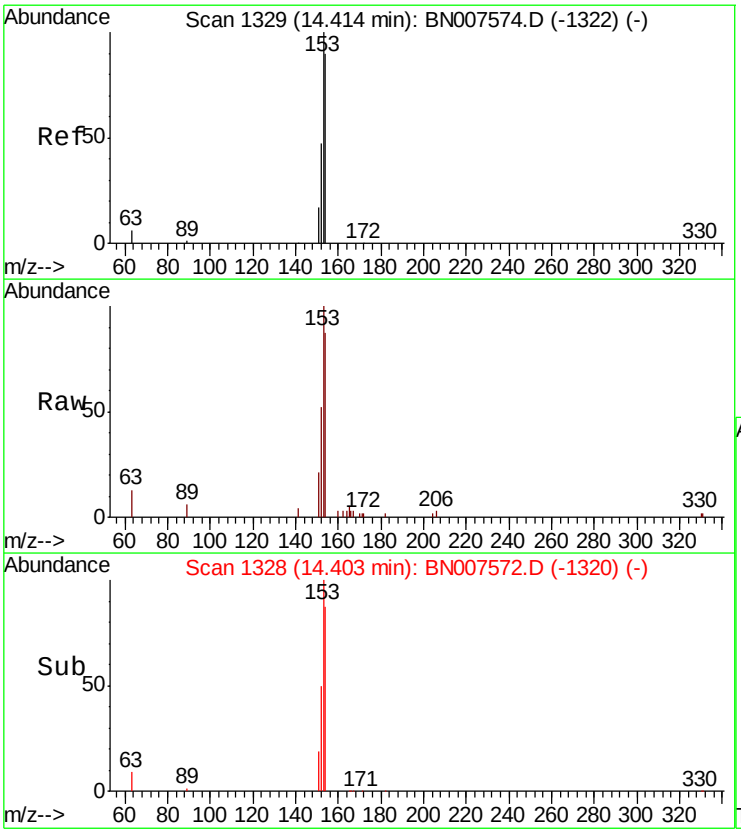
#16
Acenaphthylene
Concen: 0.091 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 6365

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.3	10.4	15.6

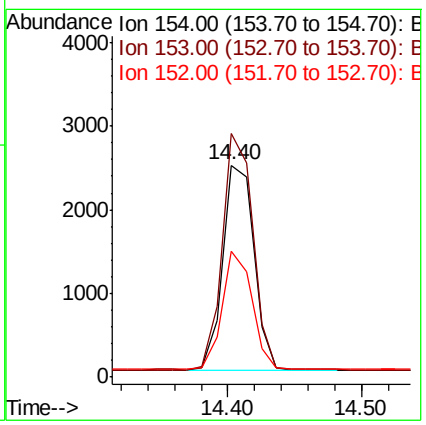


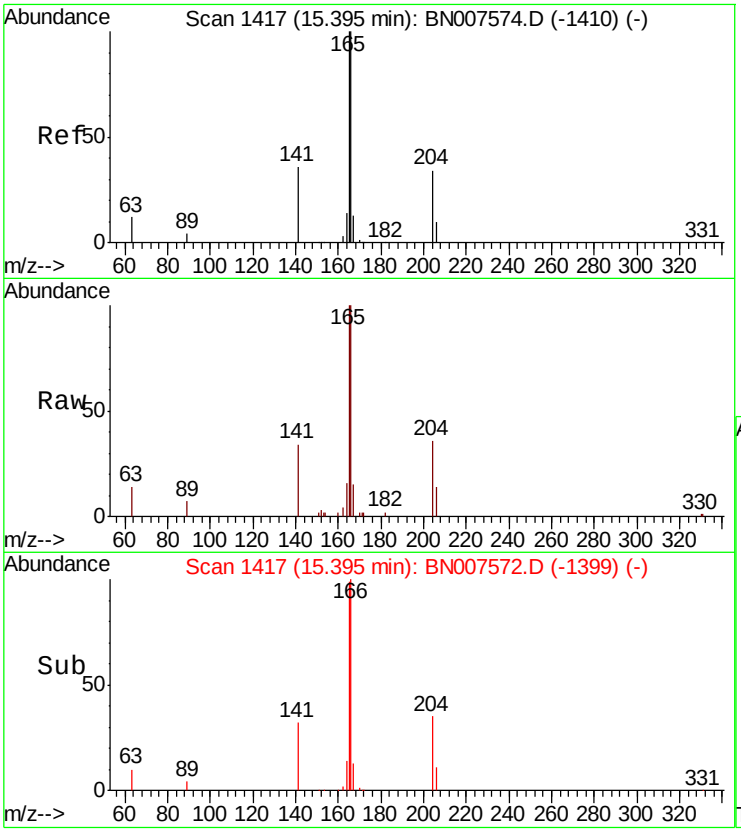


#17
Acenaphthene
Concen: 0.098 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:154 Resp: 4024

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.4	134.2
152	54.2	43.4	65.0



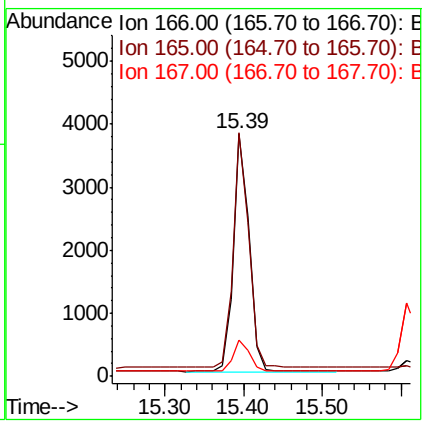


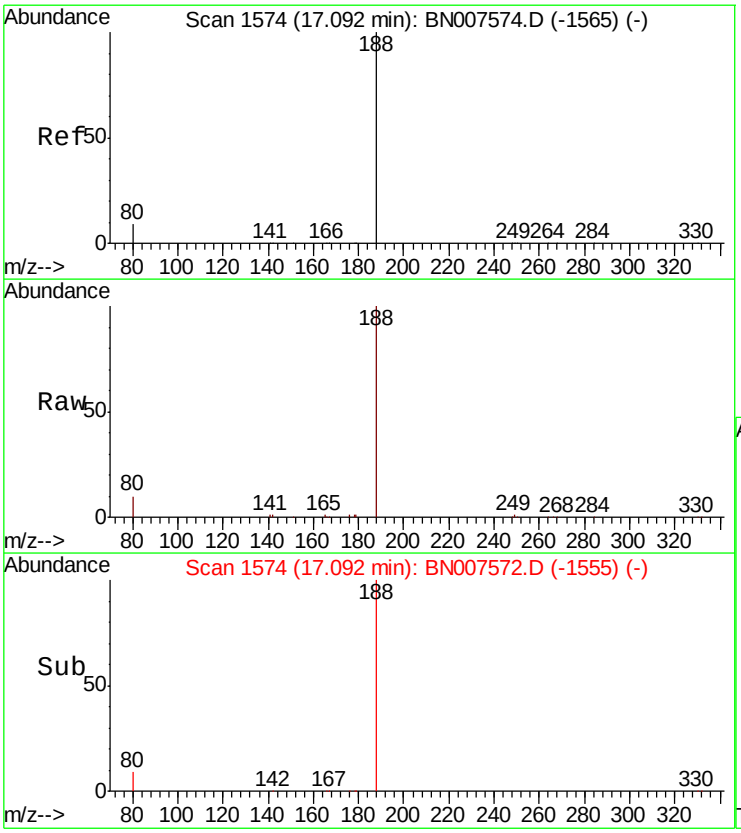
#18
Fluorene
Concen: 0.104 ng
RT: 15.39 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 5374

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.8	116.6
167	13.6	11.0	16.4

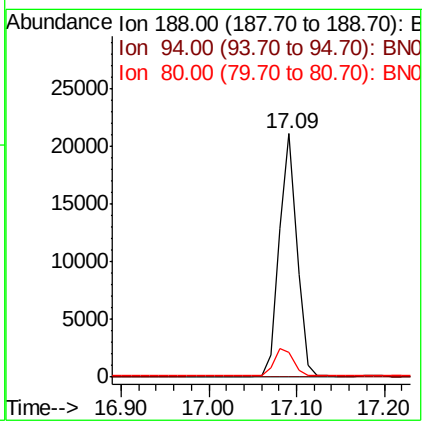


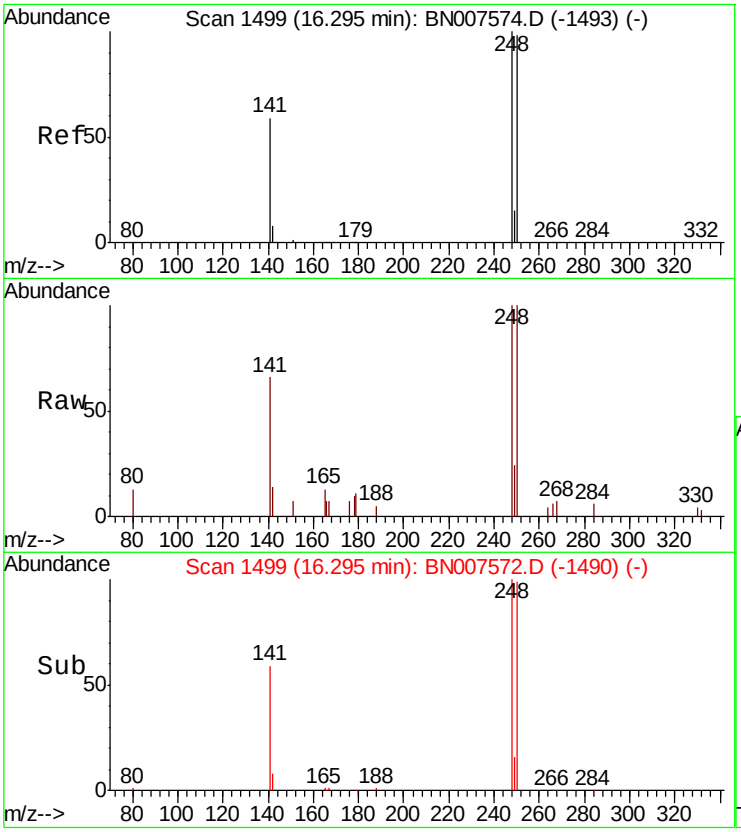


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:188 Resp: 29322

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	8.1	12.1



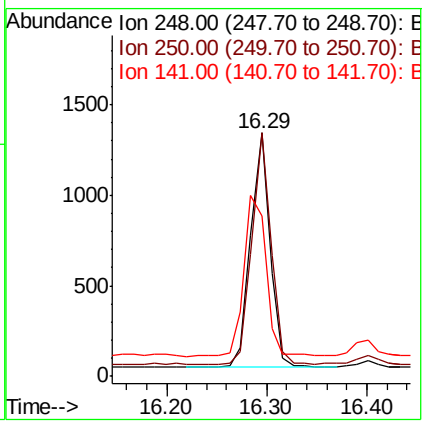


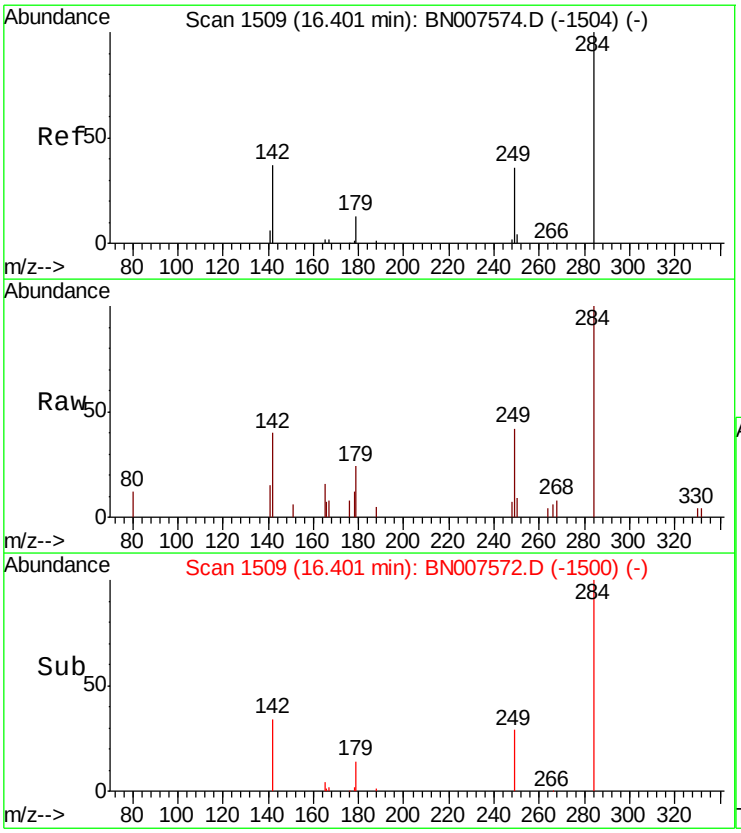
#20
4-Bromophenyl-phenylether
Concen: 0.150 ng
RT: 16.29 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 1731

Ion	Ratio	Lower	Upper
248	100		
250	100.0	78.9	118.3
141	66.1	48.3	72.5

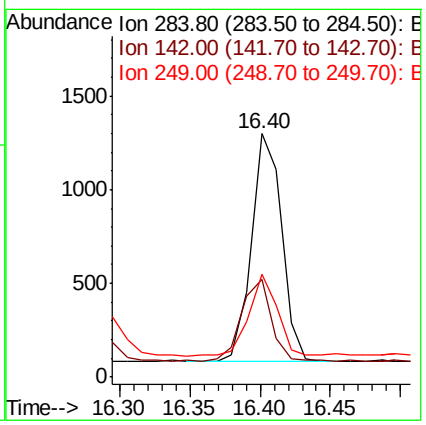


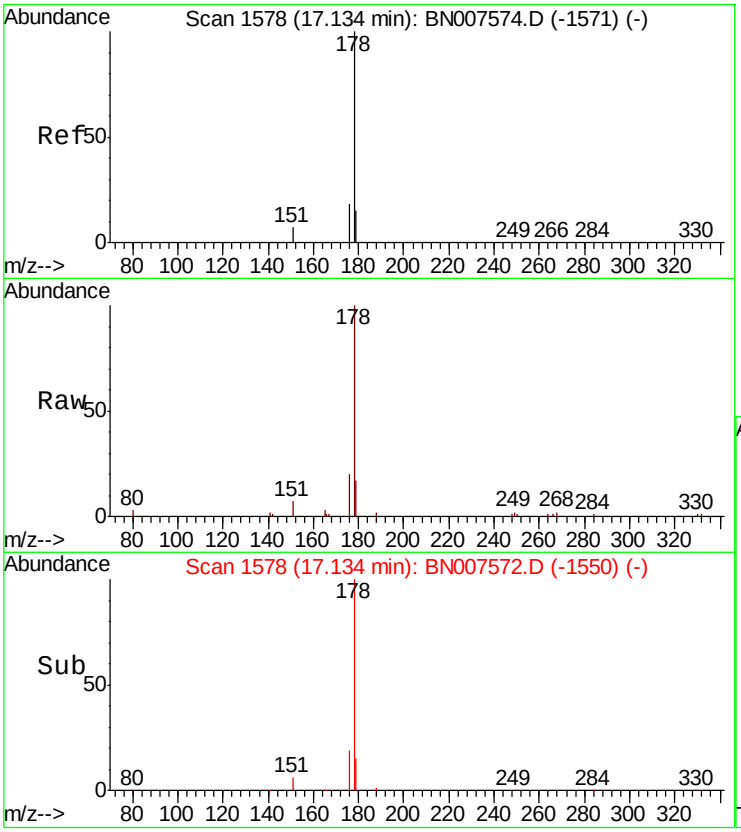


#21
Hexachlorobenzene
Concen: 0.093 ng
RT: 16.40 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:284 Resp: 1827

Ion	Ratio	Lower	Upper
284	100		
142	37.1	27.9	41.9
249	34.8	26.0	39.0



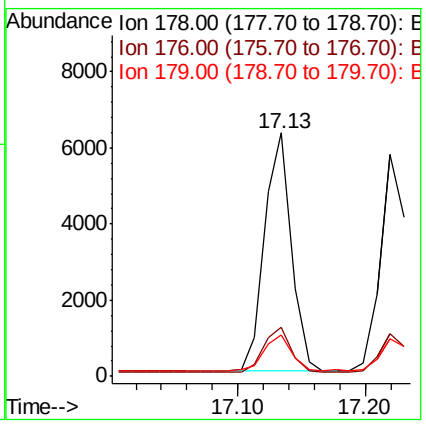


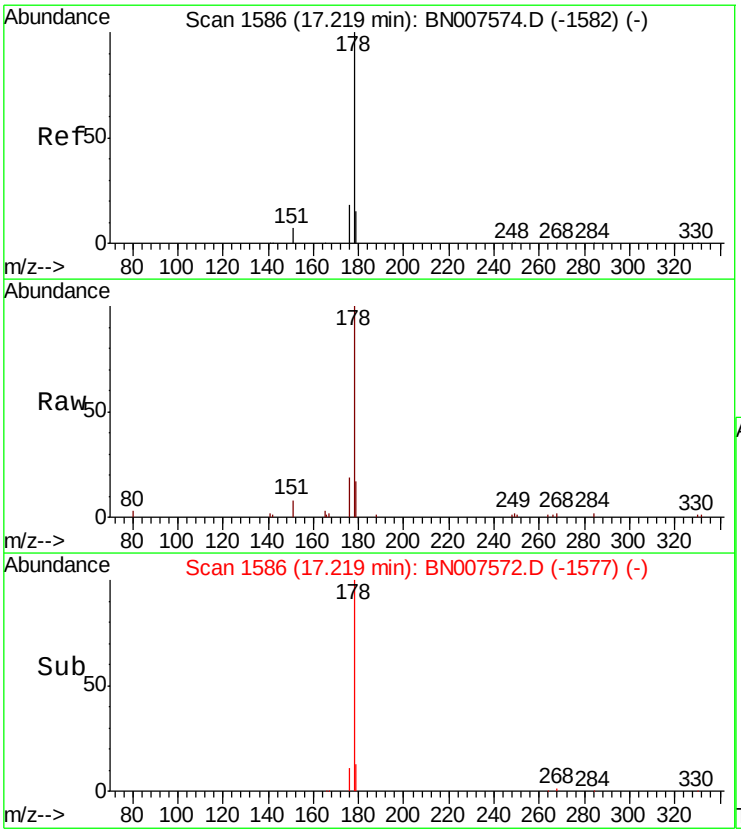
#23
Phenanthrene
Concen: 0.104 ng
RT: 17.13 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 9174

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.9	12.2	18.2

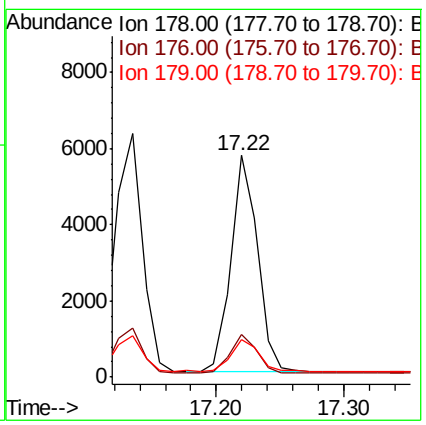


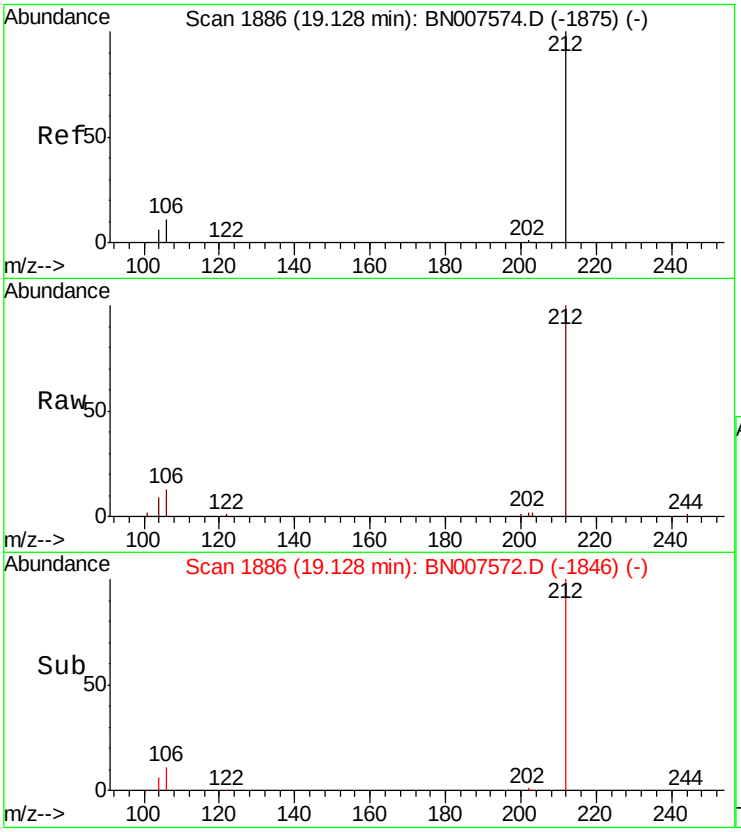


#24
Anthracene
Concen: 0.093 ng
RT: 17.22 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:178 Resp: 8214

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.4	21.6
179	15.7	12.5	18.7



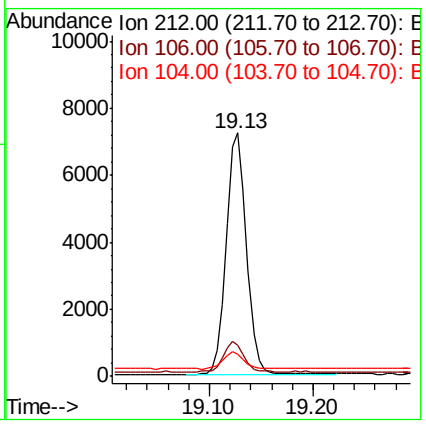


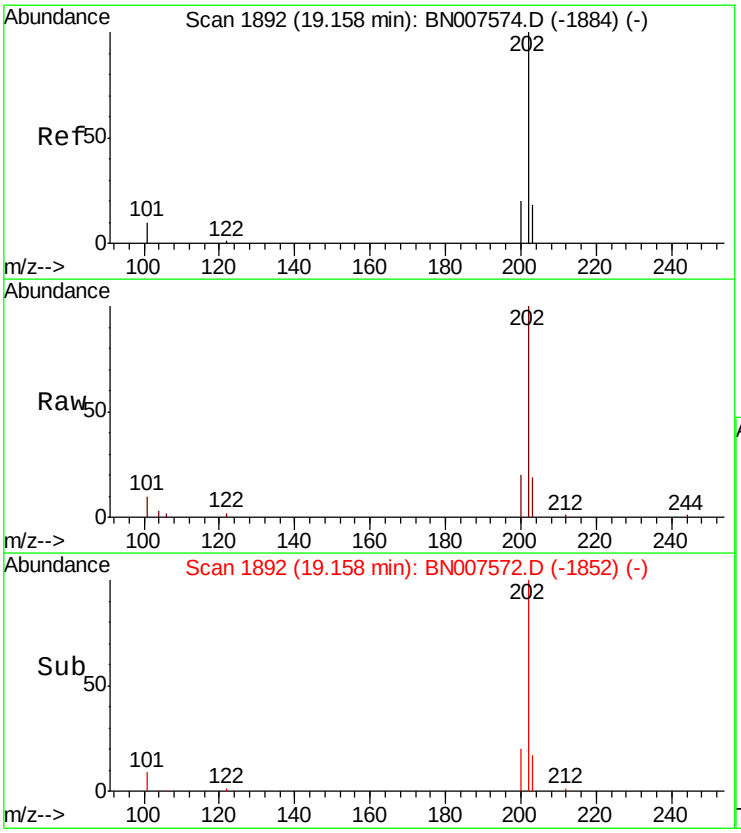
#25
Fluoranthene-d10
Concen: 0.101 ng
RT: 19.13 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 9529

Ion	Ratio	Lower	Upper
212	100		
106	12.4	9.7	14.5
104	7.7	5.5	8.3

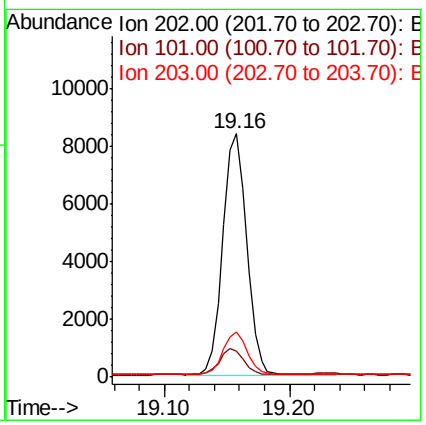


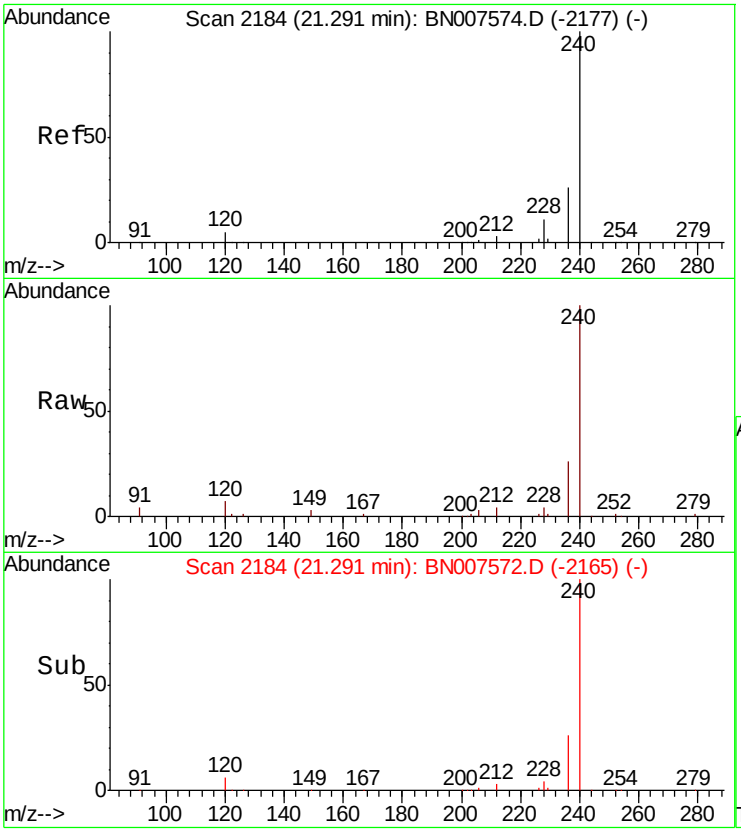


#26
Fluoranthene
Concen: 0.098 ng
RT: 19.16 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:202 Resp: 11053

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
203	17.2	13.8	20.8



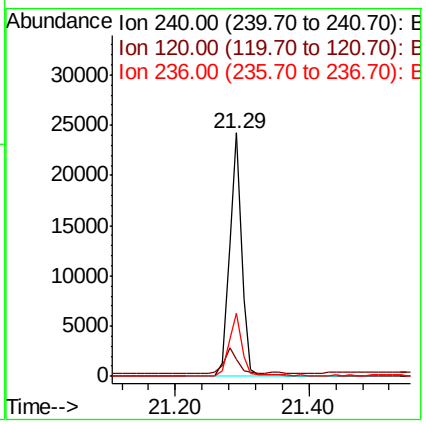


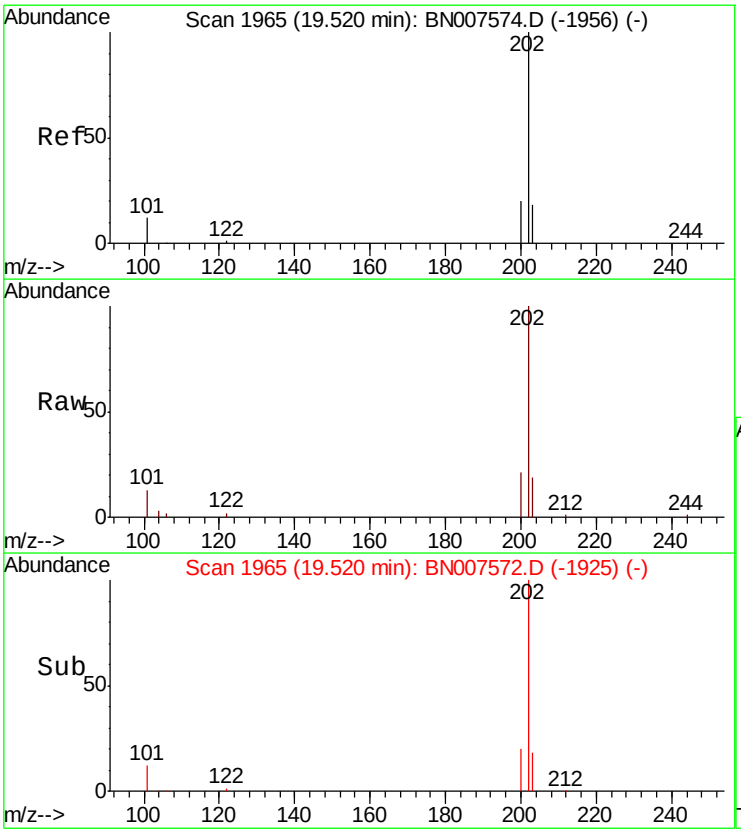
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 30251

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.0	7.4
236	26.2	20.6	31.0

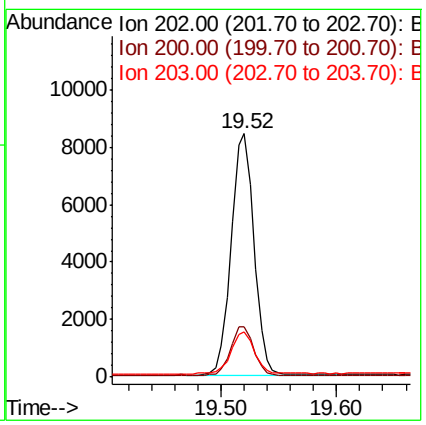


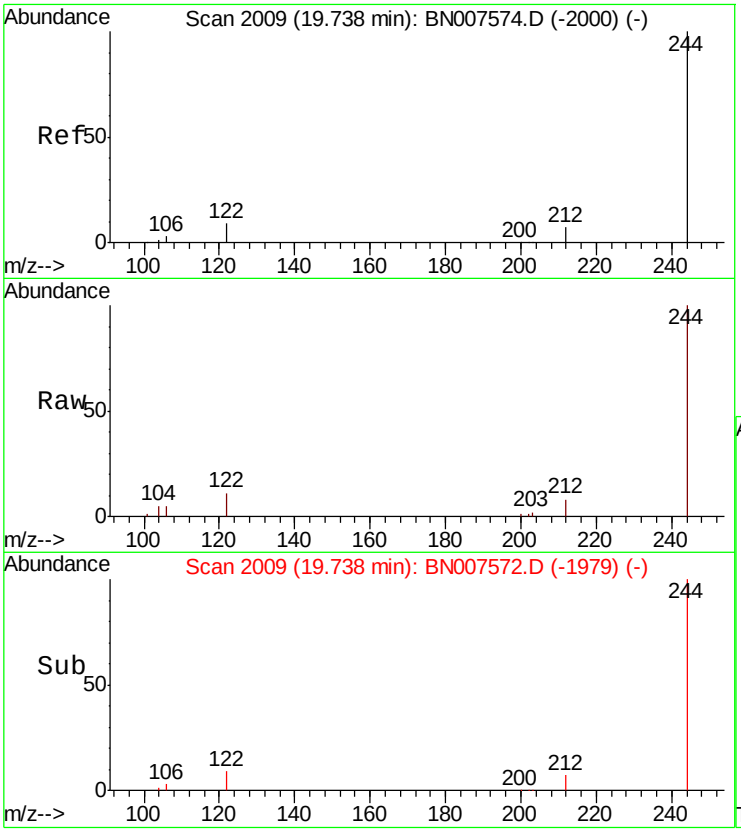


#28
Pyrene
Concen: 0.094 ng
RT: 19.52 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:202 Resp: 11461

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	17.6	14.1	21.1



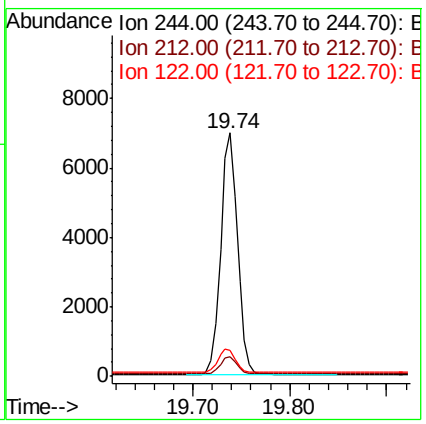


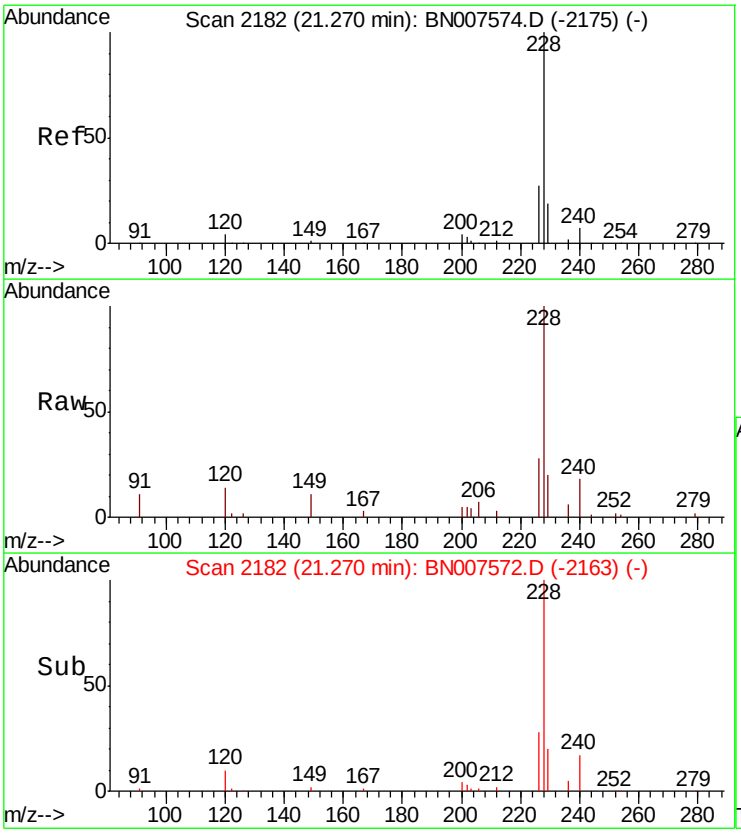
#29
Terphenyl-d14
Concen: 0.106 ng
RT: 19.74 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 8368

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	10.8	7.8	11.6

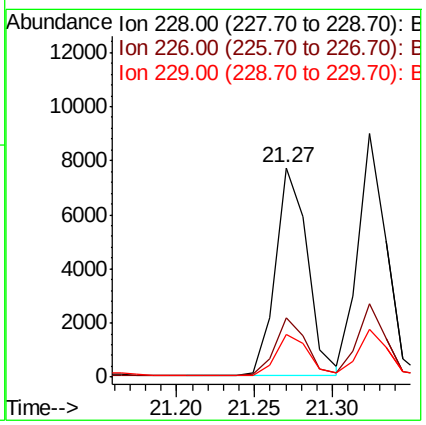


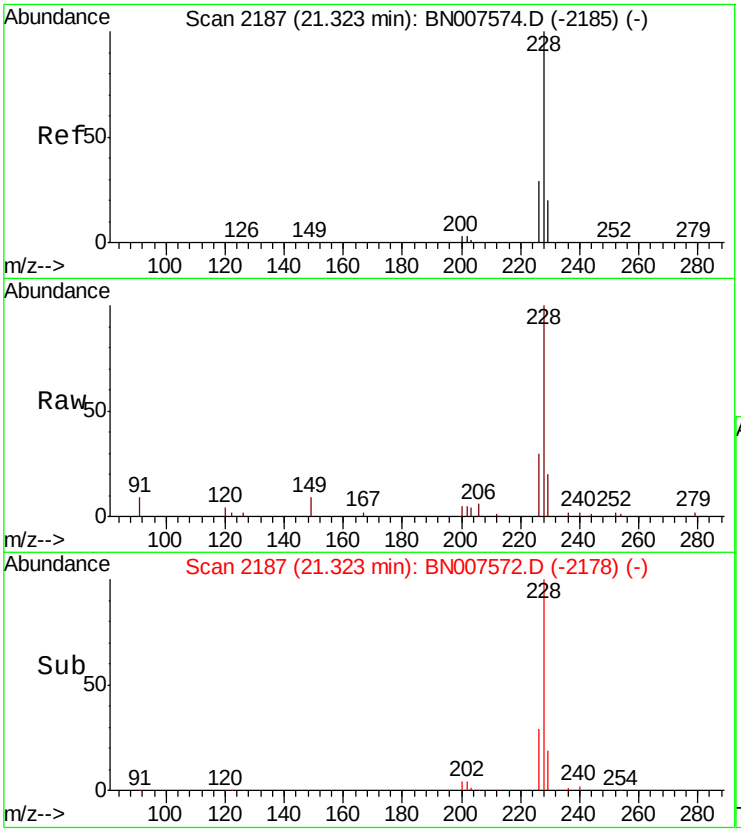


#30
Benzo(a)anthracene
Concen: 0.092 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:228 Resp: 10899

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.6	32.4
229	20.2	15.7	23.5



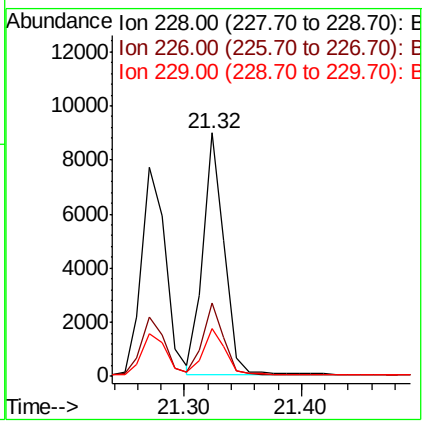


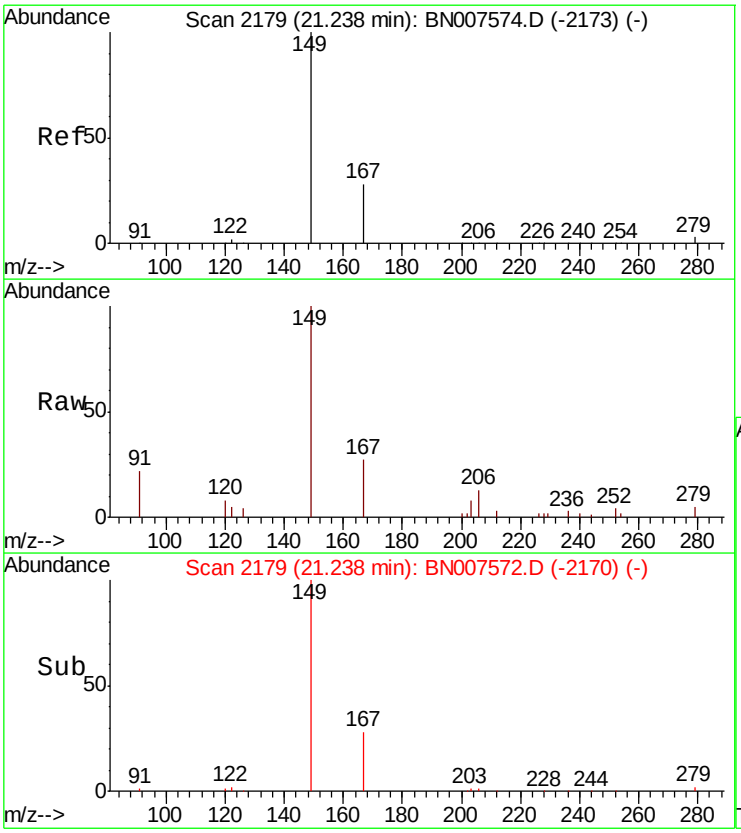
#31
Chrysene
Concen: 0.098 ng
RT: 21.32 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 11245

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	19.7	15.7	23.5

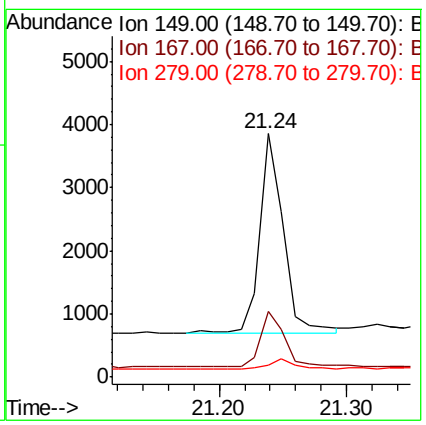


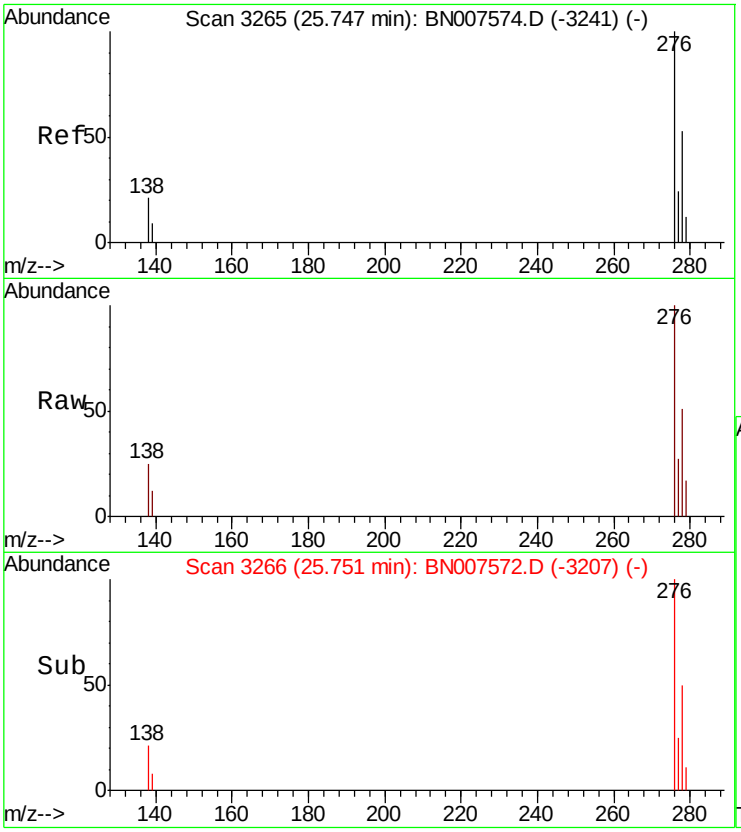


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.046 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:149 Resp: 4072

Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.1	33.1
279	5.2	3.9	5.9



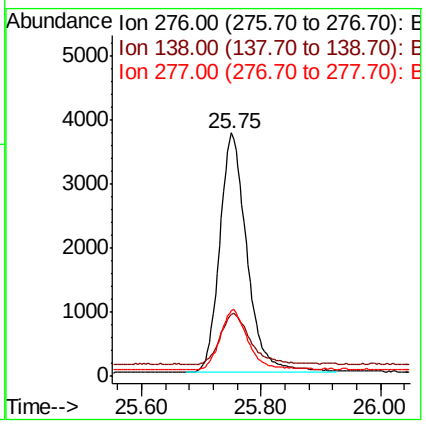


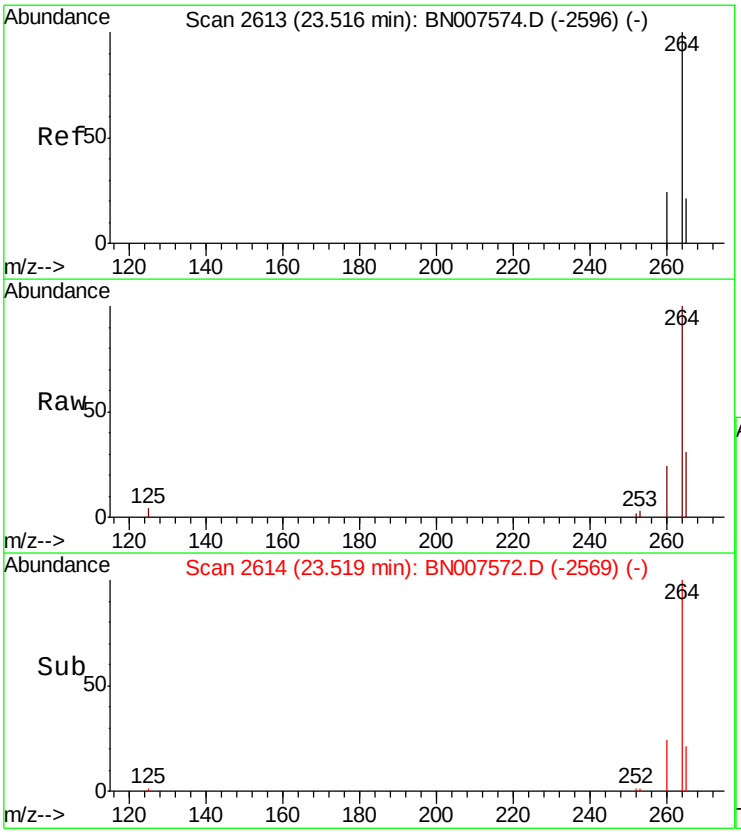
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng
RT: 25.75 min Scan# 3266
Delta R.T. 0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 11883

Ion	Ratio	Lower	Upper
276	100		
138	23.7	0.0	0.0#
277	24.8	0.0	0.0#

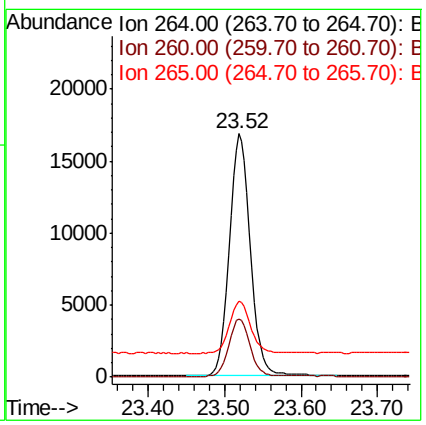


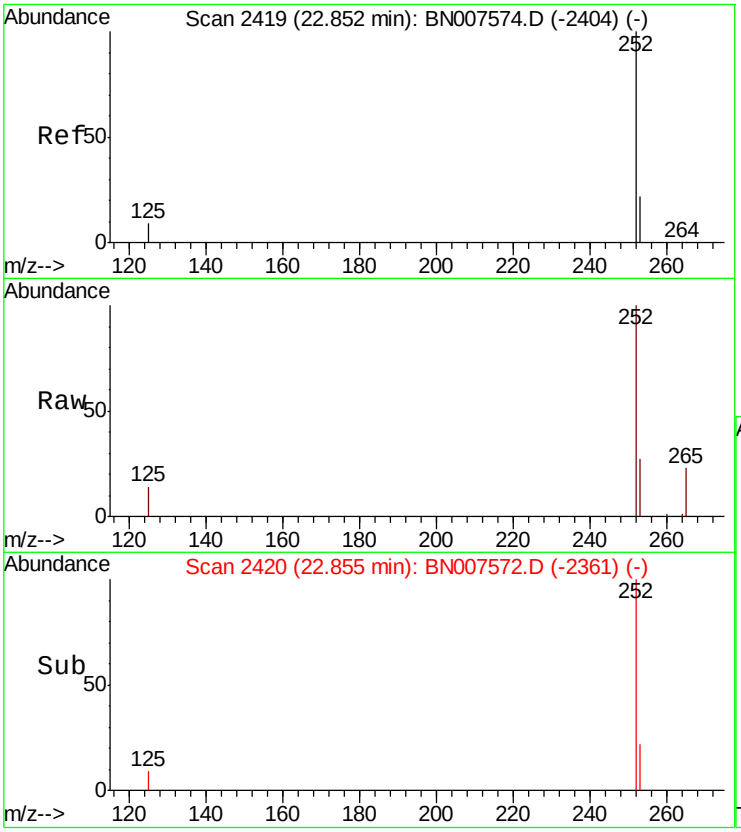


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.52 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:264 Resp: 32461

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	31.2	25.6	38.4



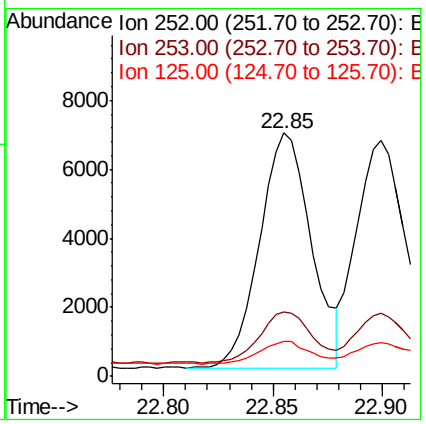


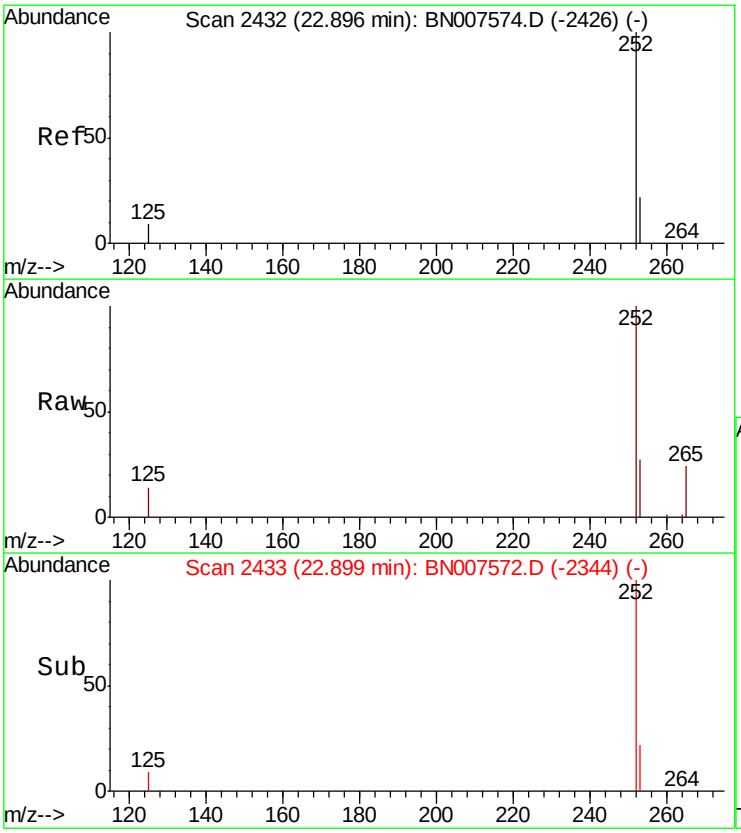
#35
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 22.85 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 11186

Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.5	27.7
125	14.1	8.2	12.2#

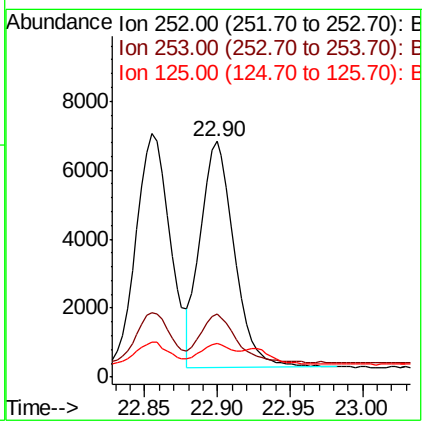


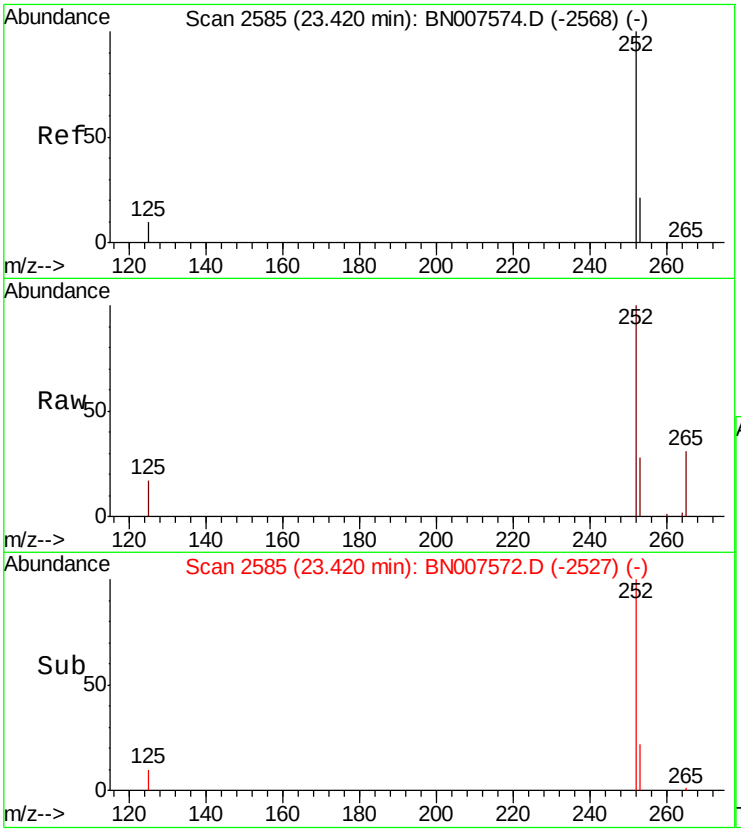


#36
Benzo(k)fluoranthene
Concen: 0.092 ng
RT: 22.90 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:252 Resp: 10719

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.4	27.6
125	14.1	8.2	12.2#



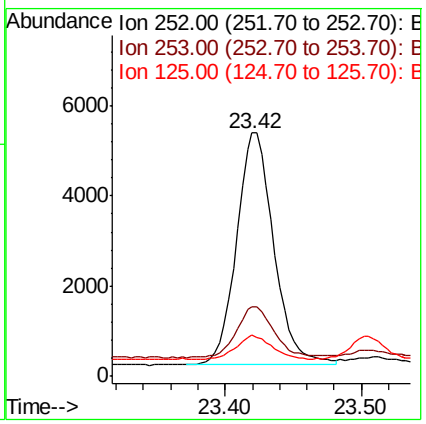


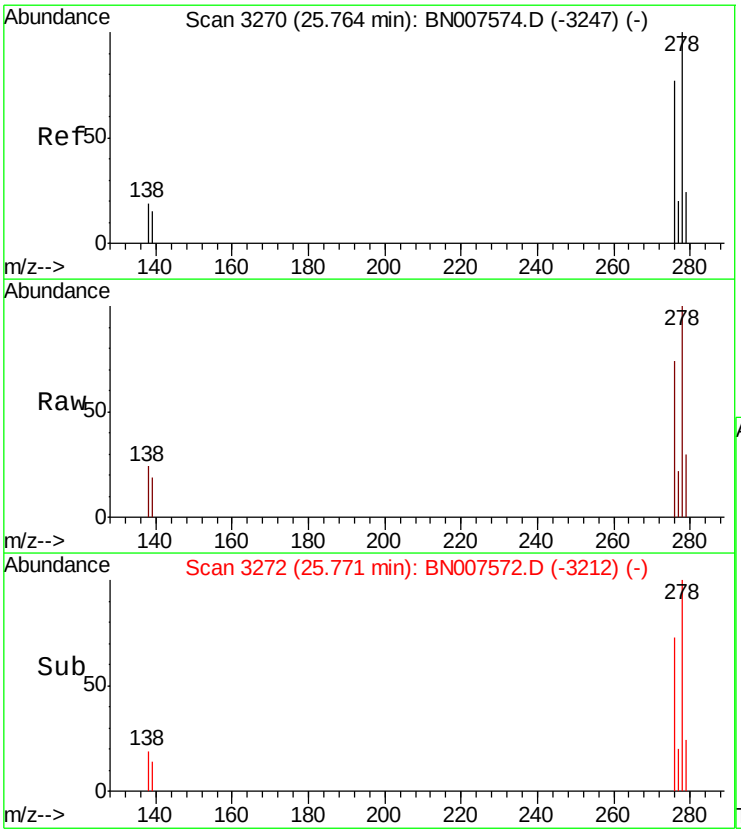
#37
Benzo(a)pyrene
Concen: 0.087 ng
RT: 23.42 min Scan# 2585
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 9723

Ion	Ratio	Lower	Upper
252	100		
253	28.5	18.6	28.0#
125	16.8	9.2	13.8#

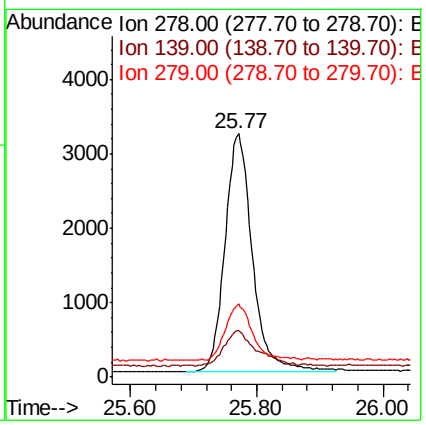


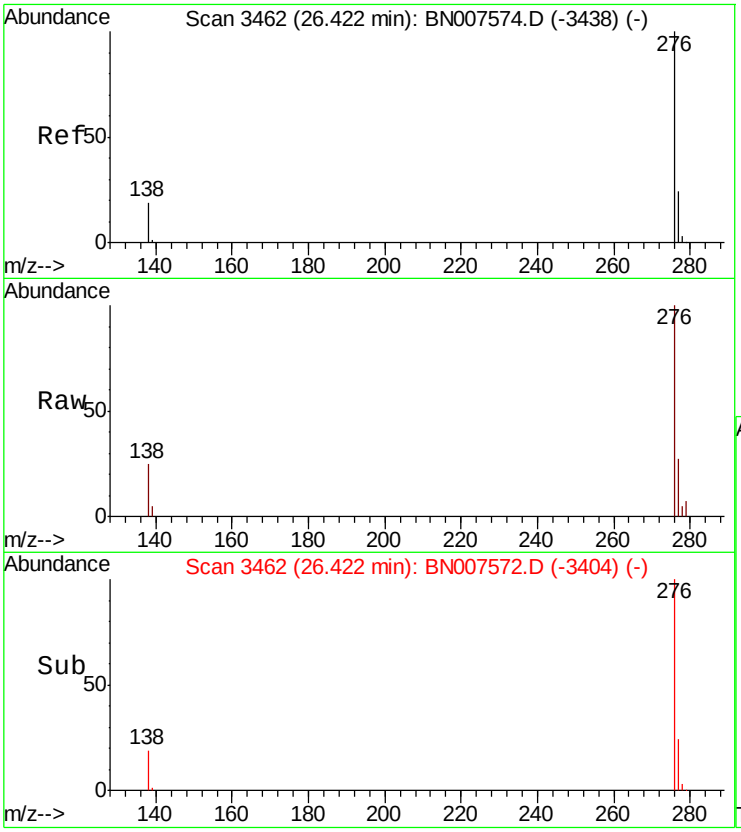


#38
Dibenzo(a,h)anthracene
Concen: 0.087 ng
RT: 25.77 min Scan# 3272
Delta R.T. 0.01 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Tgt Ion:278 Resp: 9664

Ion	Ratio	Lower	Upper
278	100		
139	18.9	12.5	18.7#
279	30.3	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.090 ng
RT: 26.42 min Scan# 3462
Delta R.T. -0.00 min
Lab File: BN007572.D
Acq: 10 Sep 2019 12:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 10050

Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.7	29.5
138	24.9	15.9	23.9#