Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082619\
Data File : BN007420.D
Acq On : 26 Aug 2019 21:24
Operator : HP/JU
Sample : K4515-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S302A-J-1.5-2.0-082319

Quant Time: Aug 27 05:47:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3497	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	14302	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	8499	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	17322	0.40	ng		0.00
27) Chrysene-d12	21.03	240	16085	0.40	ng		0.01
34) Perylene-d12	23.13	264	18075	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	3730	0.30	ng		0.00
5) Phenol-d6	6.60	99	4734	0.30	ng		0.00
8) Nitrobenzene-d5	8.53	82	3602	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	6745	0.28	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1373	0.31	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	8381	0.24	ng		0.00
25) Fluoranthene-d10	18.85	212	13673	0.25	ng		0.00
29) Terphenyl-d14	19.47	244	10568	0.25	ng		0.00
Target Compounds							Qvalue
18) Fluorene	15.11	166	769	0.021	ng		91
20) 4-Bromophenyl-phenylether	16.04	248	242	0.035	ng	#	1
23) Phenanthrene	16.84	178	10371	0.199	ng		99
24) Anthracene	16.93	178	1831	0.035	ng	#	89
26) Fluoranthene	18.88	202	27703	0.414	ng		99
28) Pyrene	19.24	202	23662	0.366	ng	#	94
30) Benzo(a)anthracene	21.01	228	12104	0.192	ng	#	66
31) Chrysene	21.06	228	12526	0.205	ng	#	69
32) Bis(2-ethylhexyl)phthalate	20.97	149	5703	0.121	ng	#	62
33) Indeno(1,2,3-cd)pyrene	25.20	276	8654	0.118	ng		97
35) Benzo(b)fluoranthene	22.51	252	17435	0.266	ng	#	9
36) Benzo(k)fluoranthene	22.51	252	17435	0.269	ng	#	12
37) Benzo(a)pyrene	23.04	252	11801	0.189	ng	#	1
38) Dibenzo(a,h)anthracene	25.21	278	2160	0.035	ng	#	1
39) Benzo(g,h,i)perylene	25.83	276	8678	0.140	ng	#	32

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

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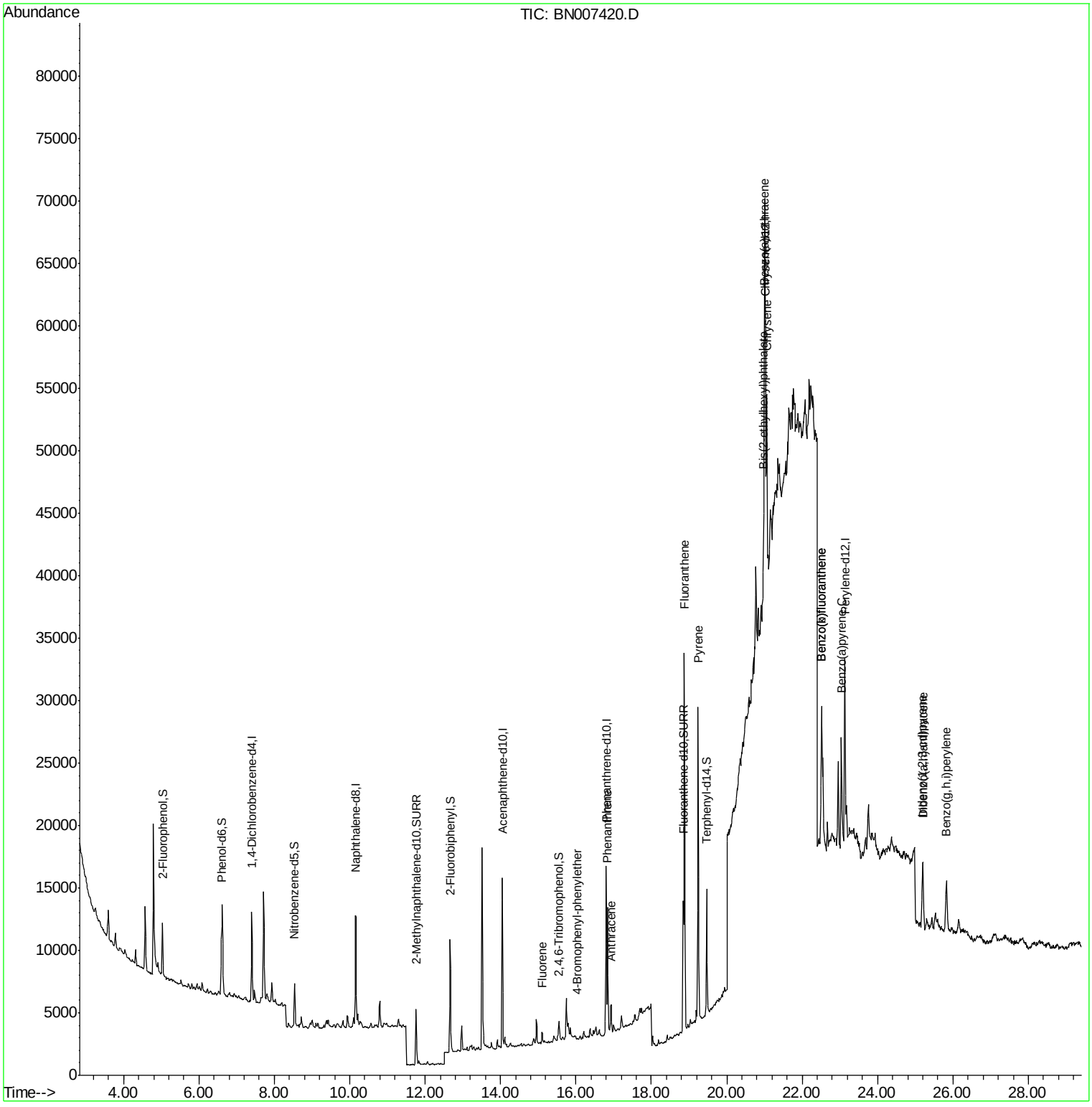
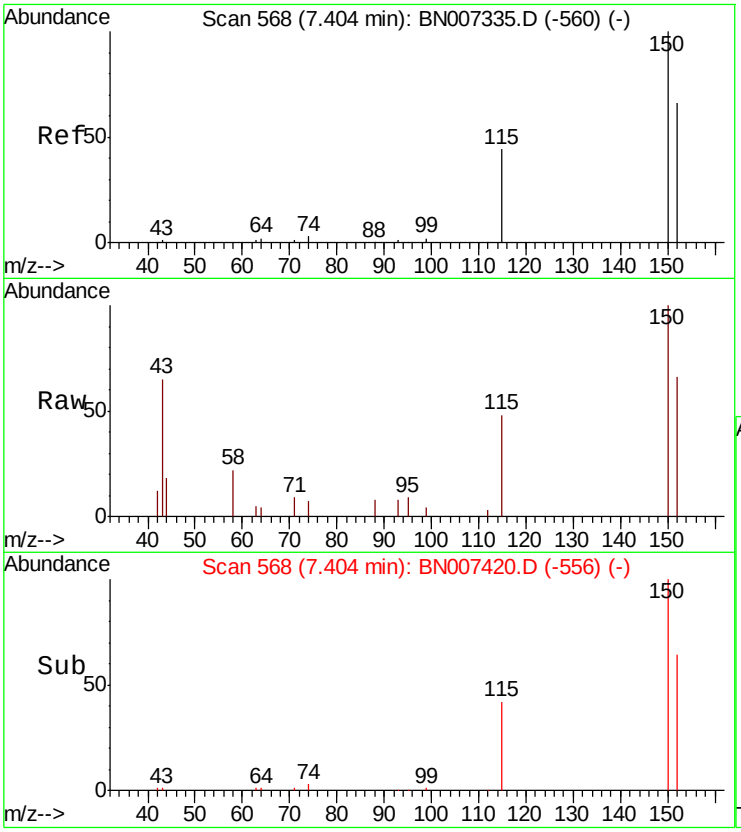


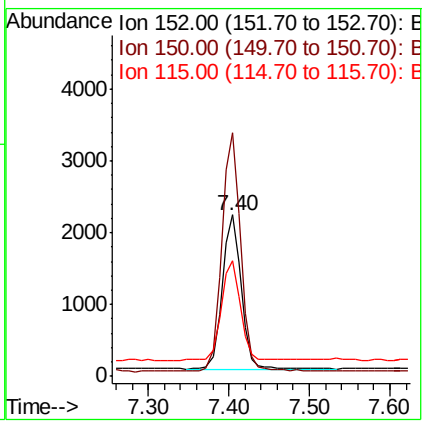


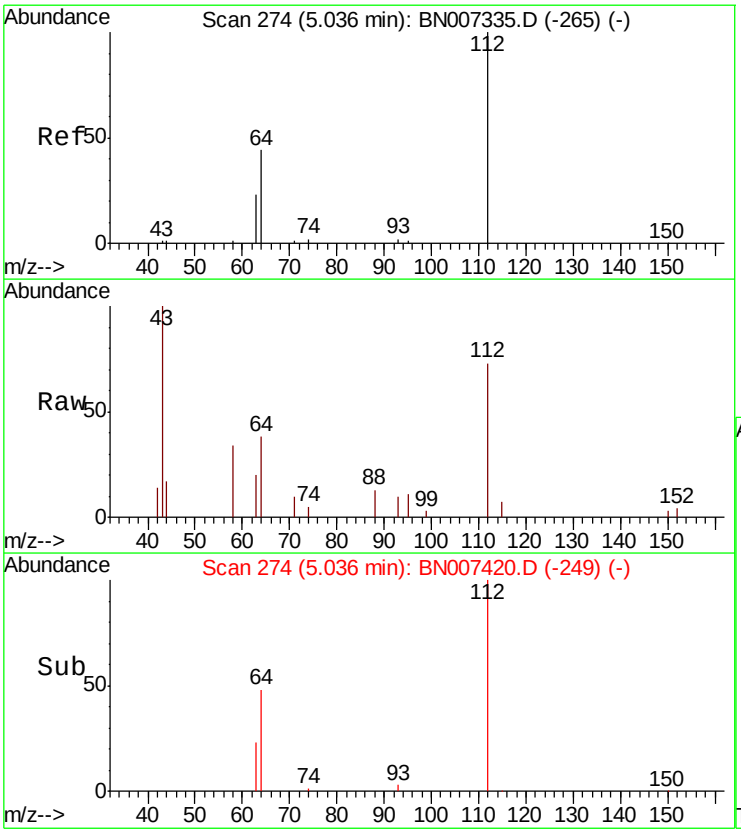
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion:152 Resp: 3497

Ion	Ratio	Lower	Upper
152	100		
150	151.1	109.1	163.7
115	71.8	59.6	89.4

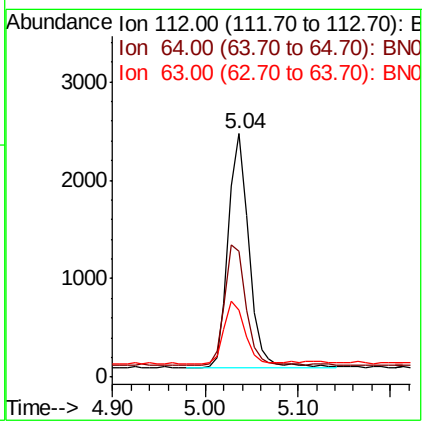


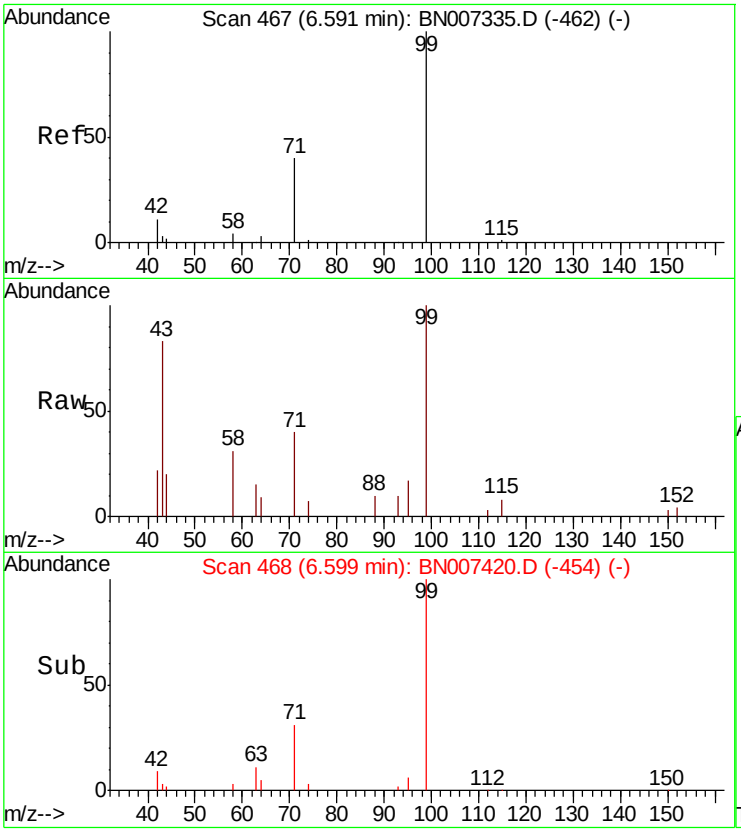


#4
2-Fluorophenol
Concen: 0.300 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:112 Resp: 3730

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.3	63.5
63	26.0	23.6	35.4



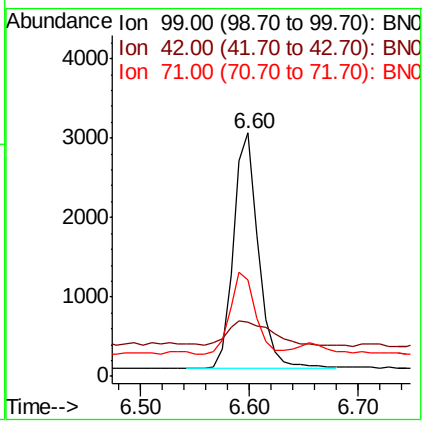


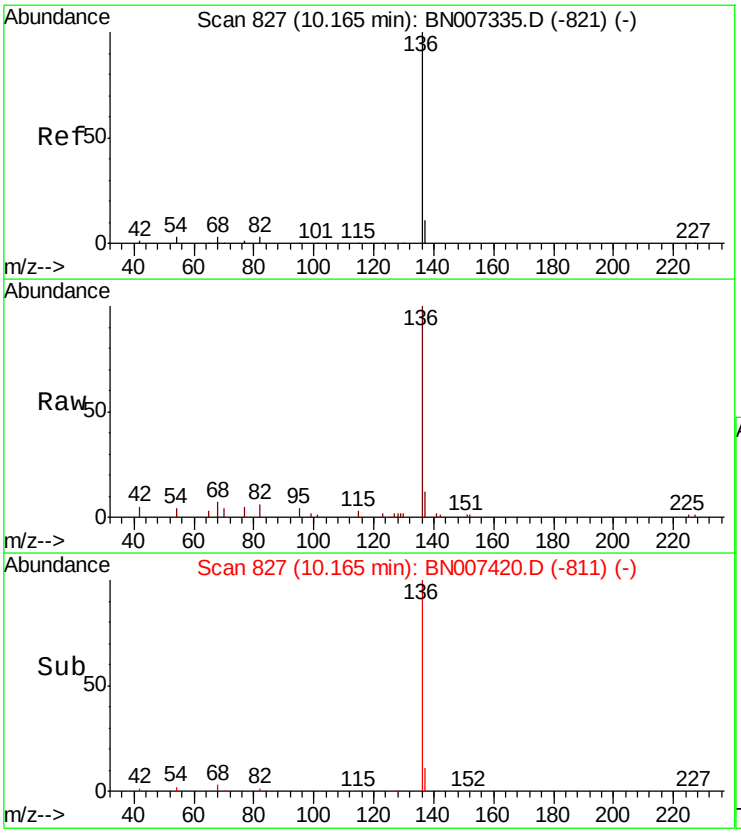
#5
Phenol-d6
Concen: 0.299 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.01 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion: 99 Resp: 4734

Ion	Ratio	Lower	Upper
99	100		
42	18.1	11.2	16.8#
71	35.2	31.8	47.8

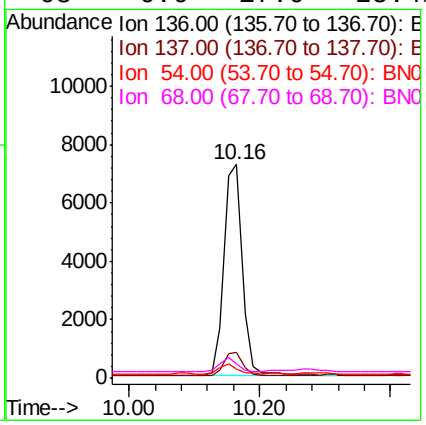


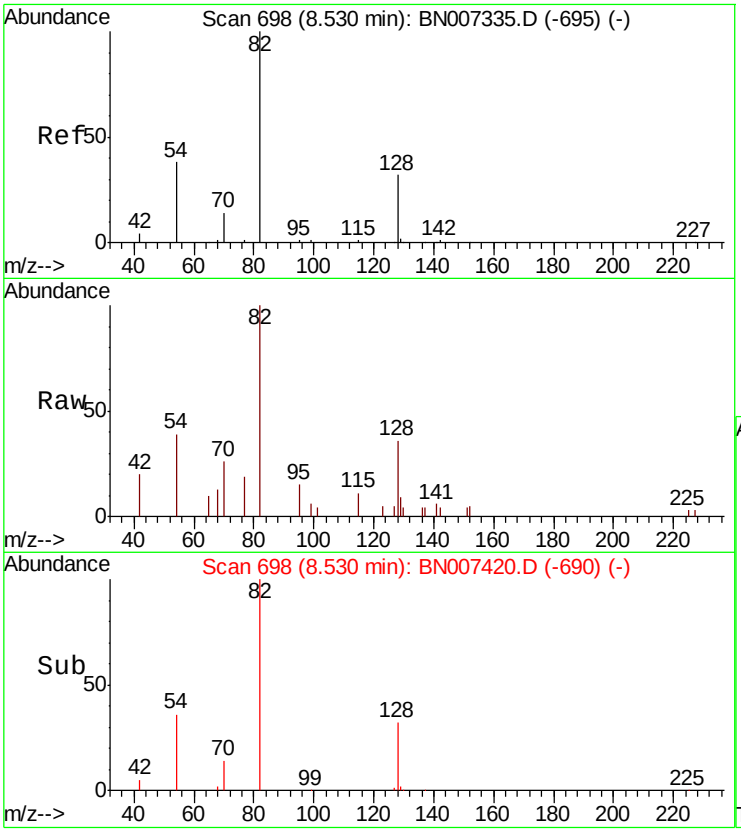


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:136 Resp: 14302

Ion	Ratio	Lower	Upper
136	100		
137	12.0	12.9	19.3#
54	4.3	8.6	12.8#
68	6.6	17.0	25.4#



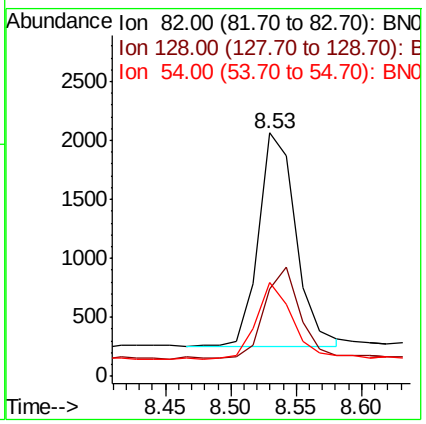


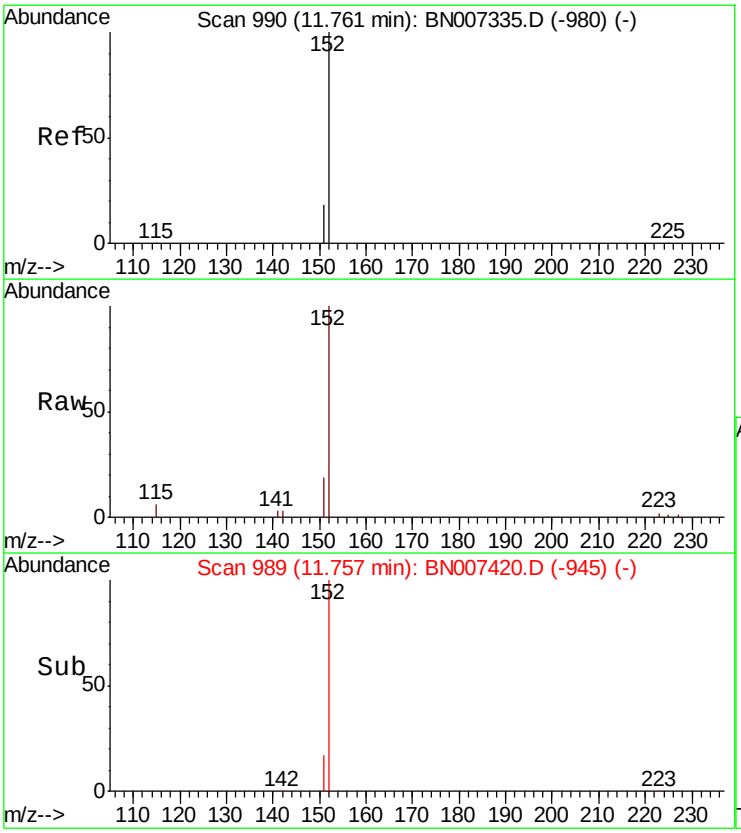
#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion: 82 Resp: 3602

Ion	Ratio	Lower	Upper
82	100		
128	35.9	19.7	29.5#
54	38.6	25.8	38.6

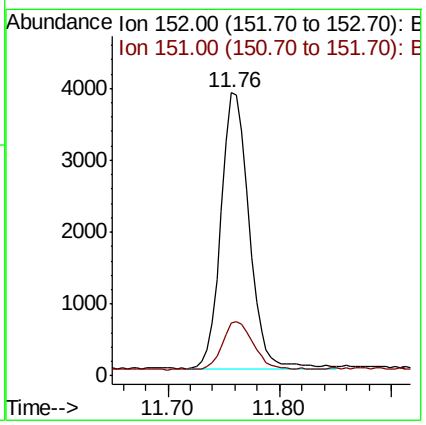


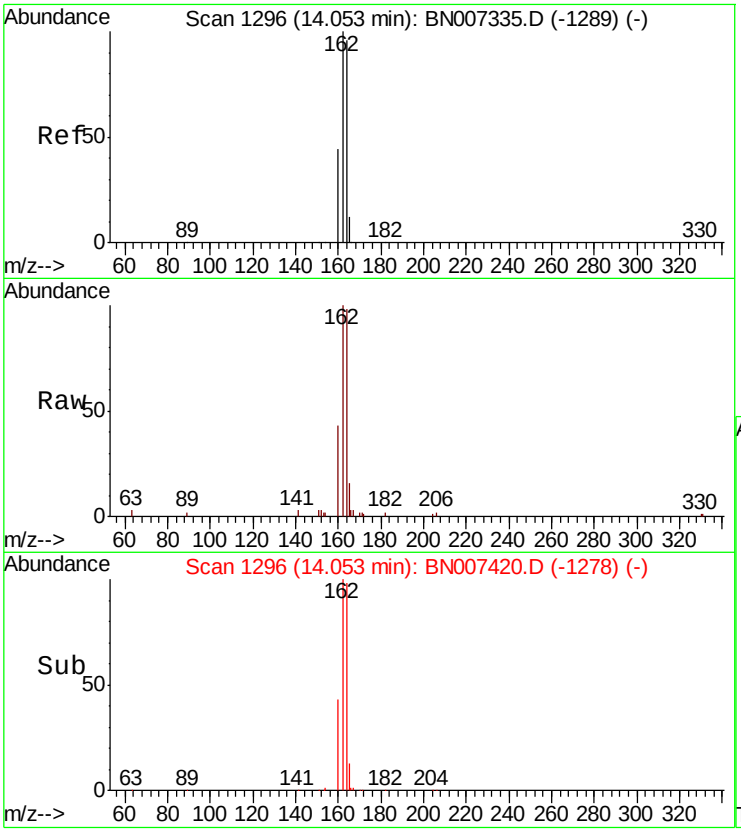


#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:152 Resp: 6745

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2



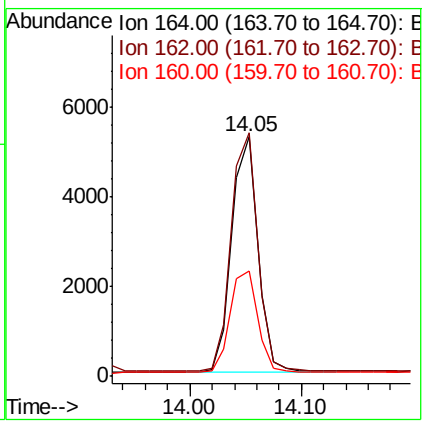


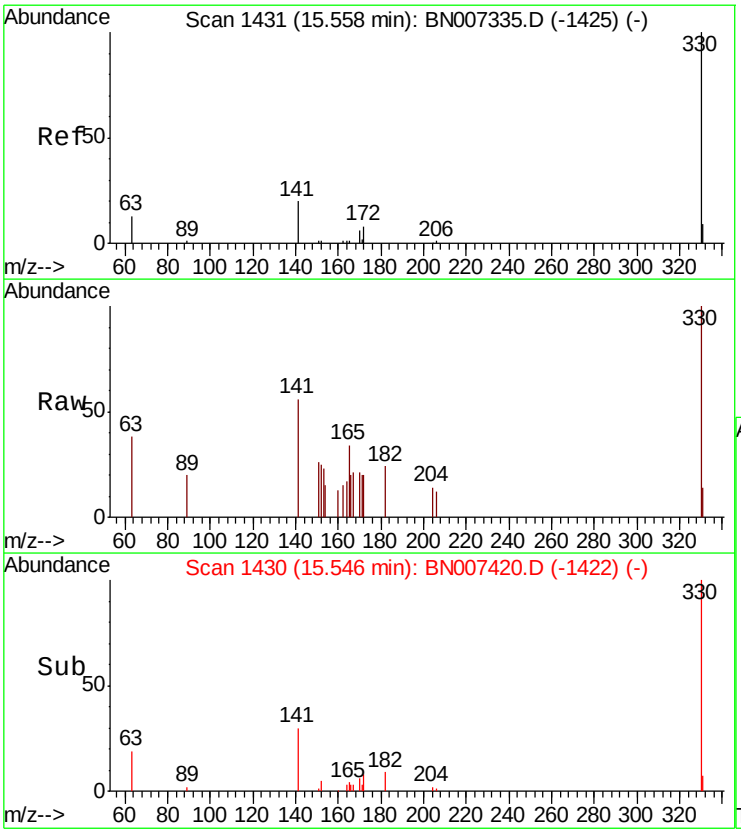
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion:164 Resp: 8499

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.5	125.3
160	44.1	38.2	57.4

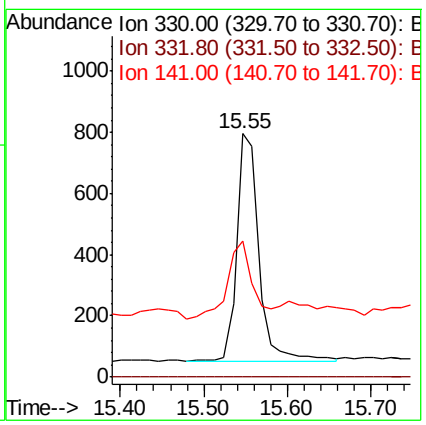


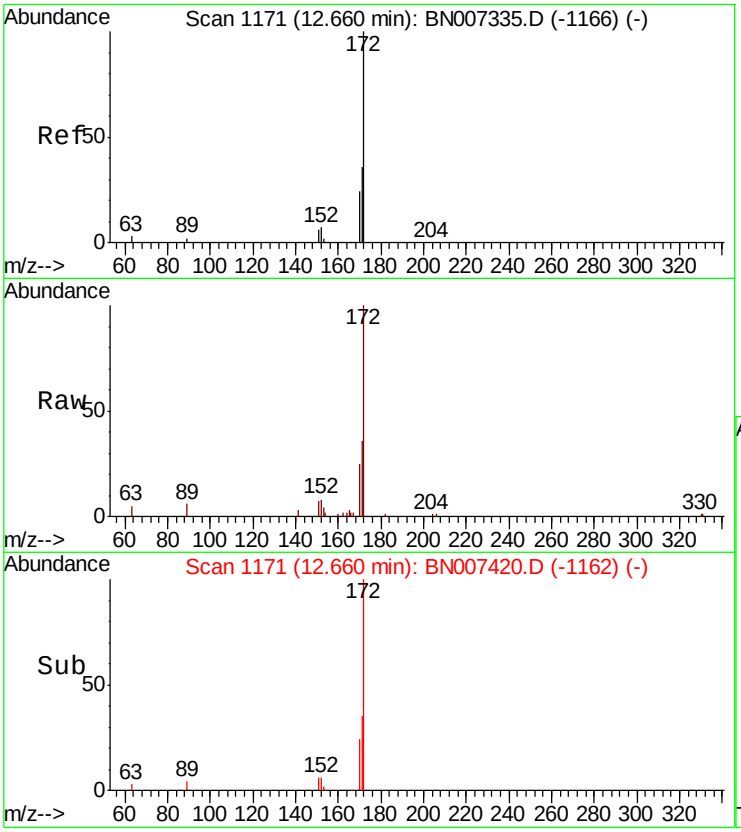


#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:330 Resp: 1373

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.9	26.9	40.3



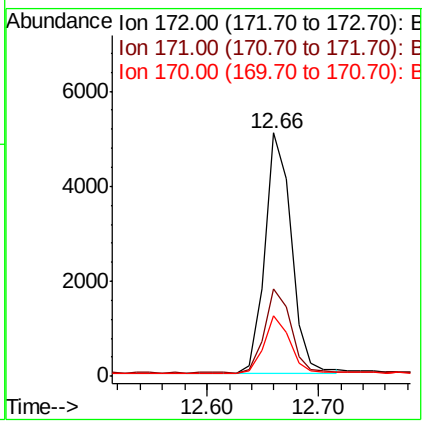


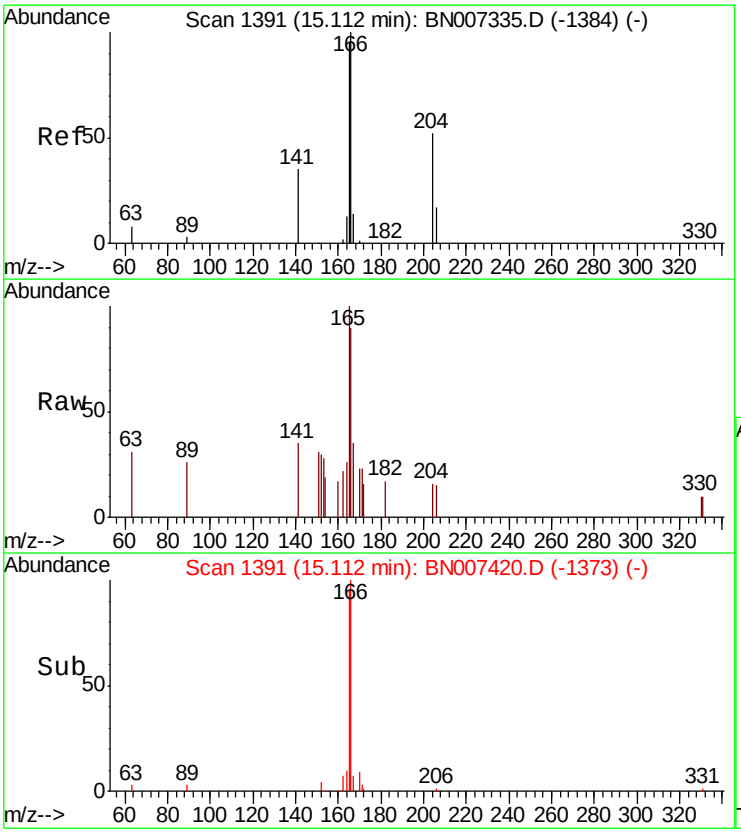
#15
2-Fluorobiphenyl
Concen: 0.245 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion:172 Resp: 8381

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.3	45.5
170	25.0	20.7	31.1

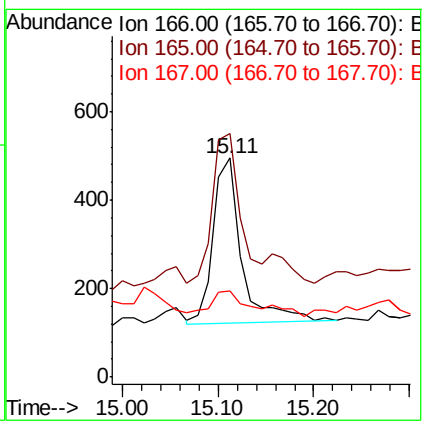


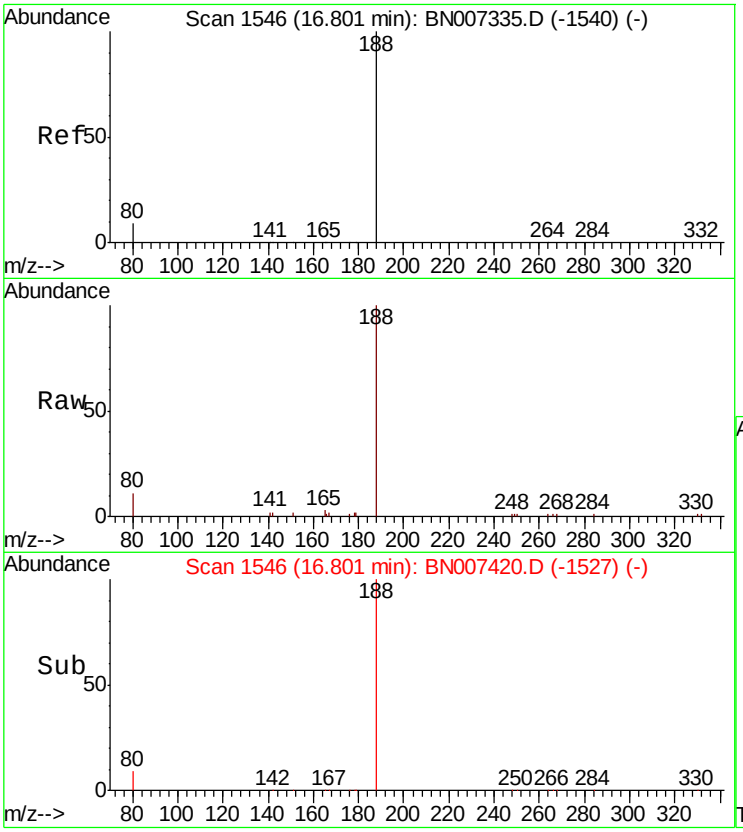


#18
Fluorene
Concen: 0.021 ng
RT: 15.11 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:166 Resp: 769

Ion	Ratio	Lower	Upper
166	100		
165	89.2	79.0	118.4
167	13.8	10.6	15.8



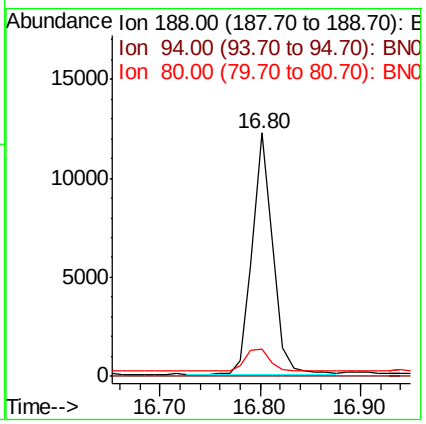


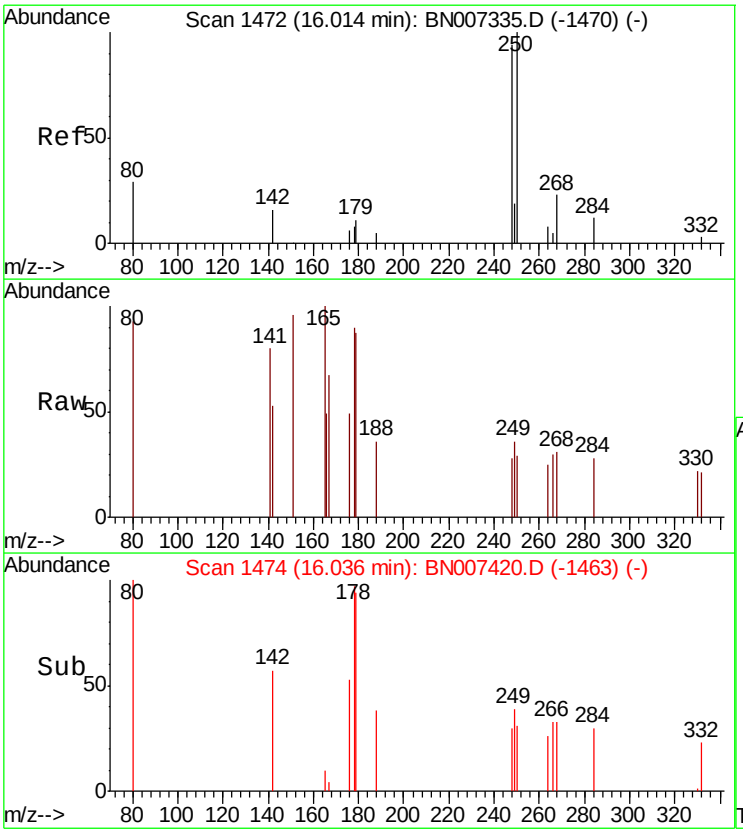
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion:188 Resp: 17322

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	11.8	17.8#

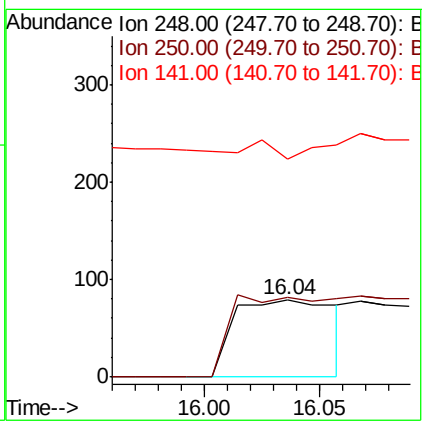


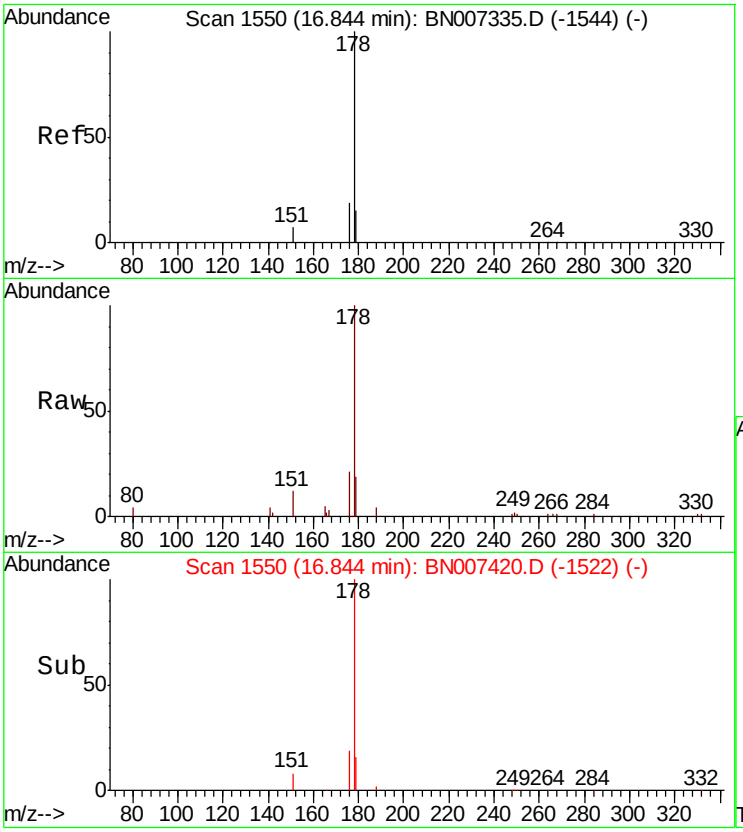


#20
4-Bromophenyl-phenylether
Concen: 0.035 ng
RT: 16.04 min Scan# 1474
Delta R.T. 0.02 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:248 Resp: 242

Ion	Ratio	Lower	Upper
248	100		
250	103.8	85.0	127.6
141	283.5	51.7	77.5#



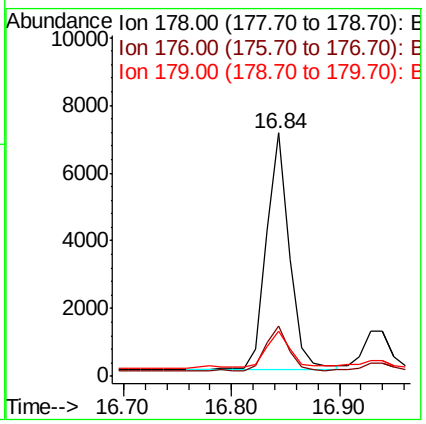


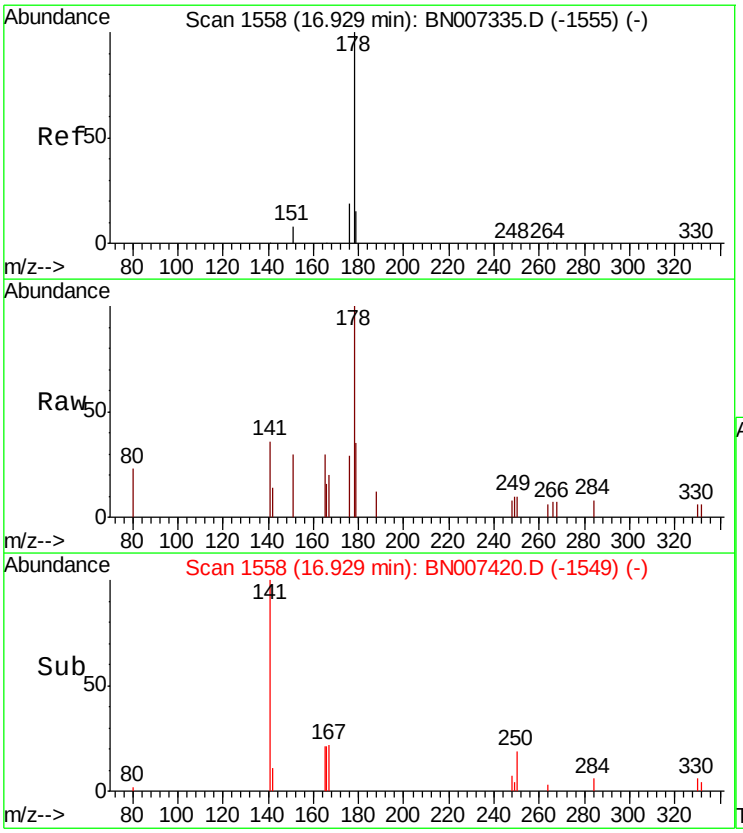
#23
Phenanthrene
Concen: 0.199 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion:178 Resp: 10371

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	14.7	12.6	19.0

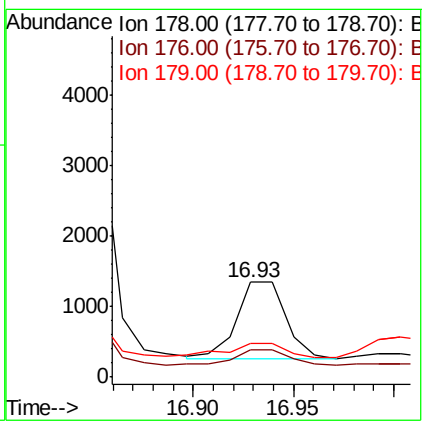


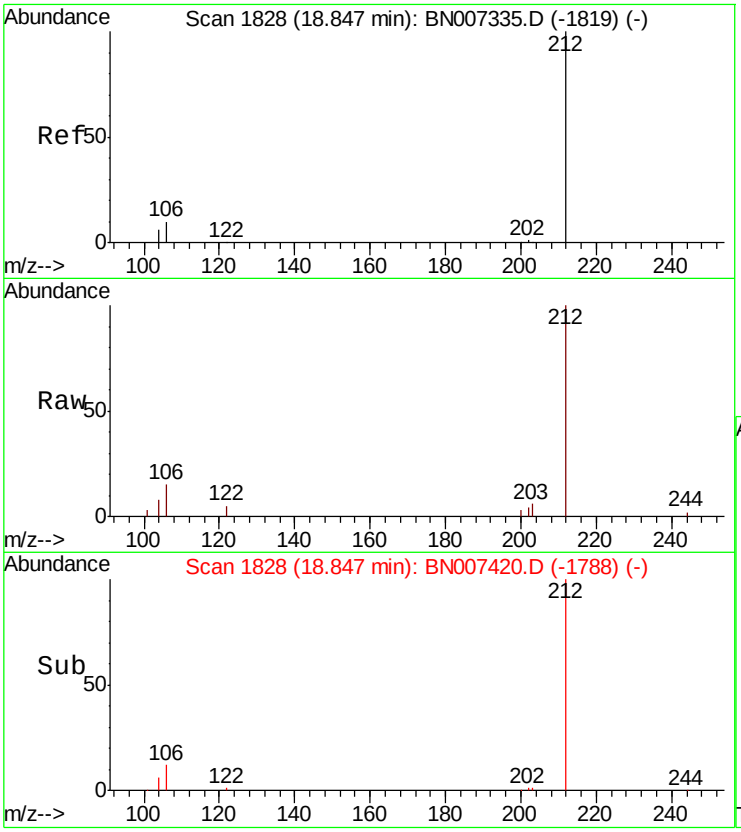


#24
Anthracene
Concen: 0.035 ng
RT: 16.93 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:178 Resp: 1831

Ion	Ratio	Lower	Upper
178	100		
176	21.3	14.9	22.3
179	22.9	12.4	18.6#



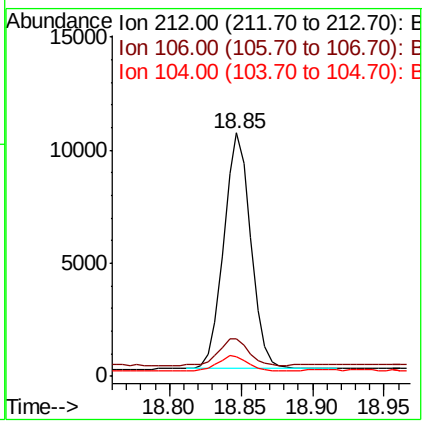


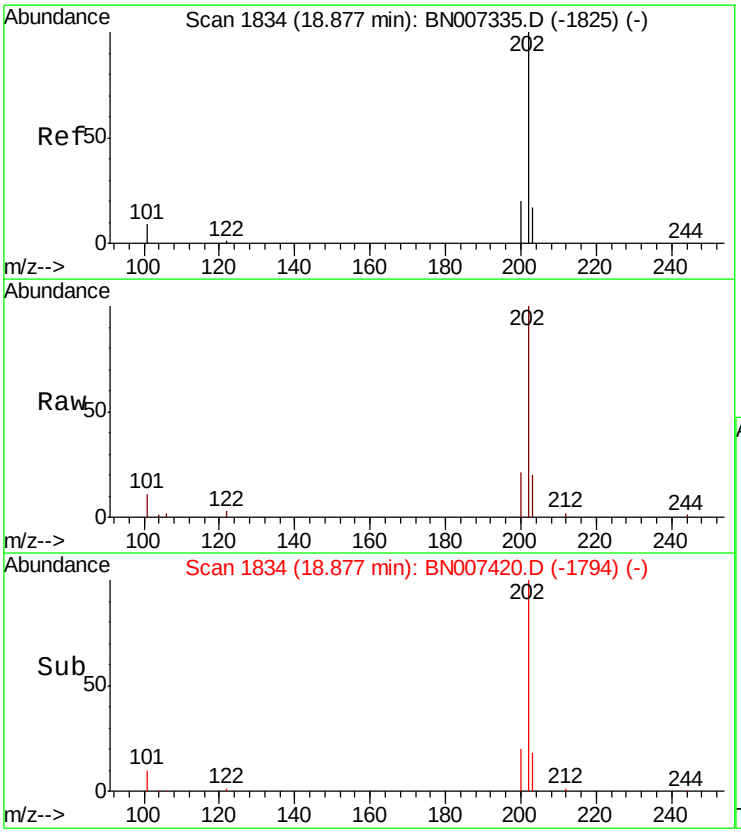
#25
Fluoranthene-d10
Concen: 0.245 ng
RT: 18.85 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion:212 Resp: 13673

Ion	Ratio	Lower	Upper
212	100		
106	12.6	9.0	13.4
104	6.8	5.4	8.2

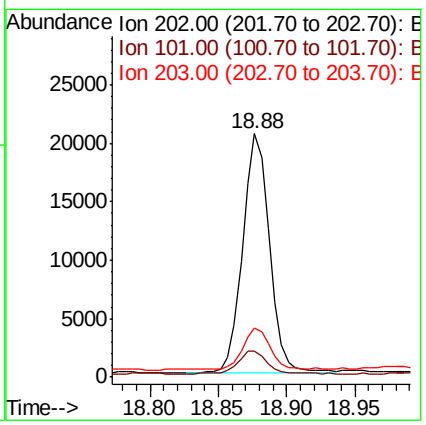


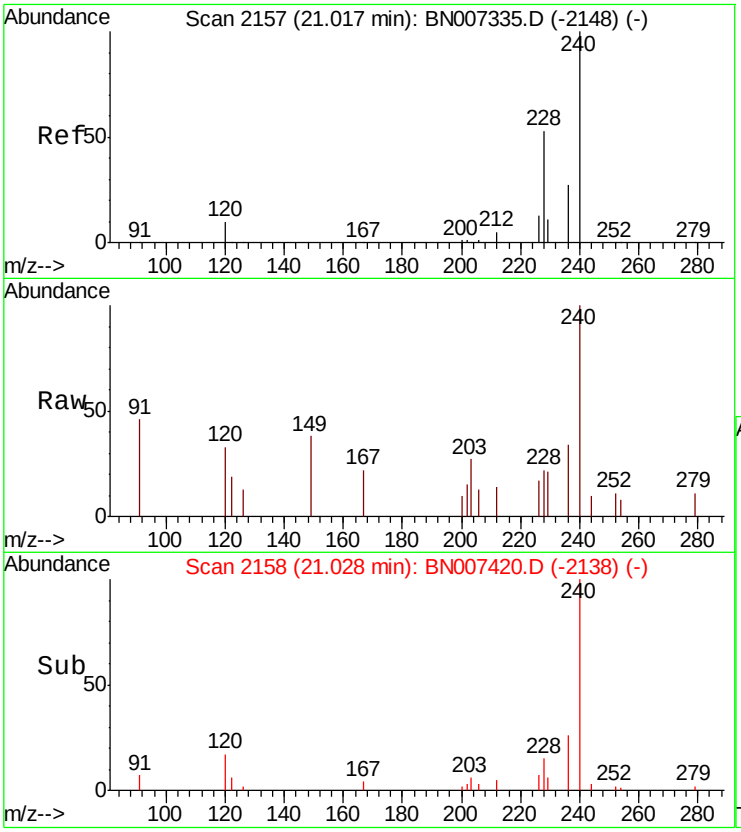


#26
Fluoranthene
Concen: 0.414 ng
RT: 18.88 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:202 Resp: 27703

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.7	11.5
203	17.6	13.7	20.5



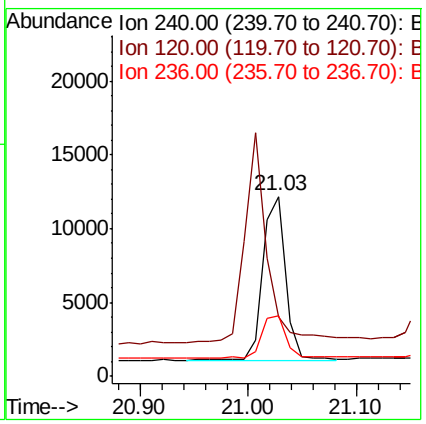


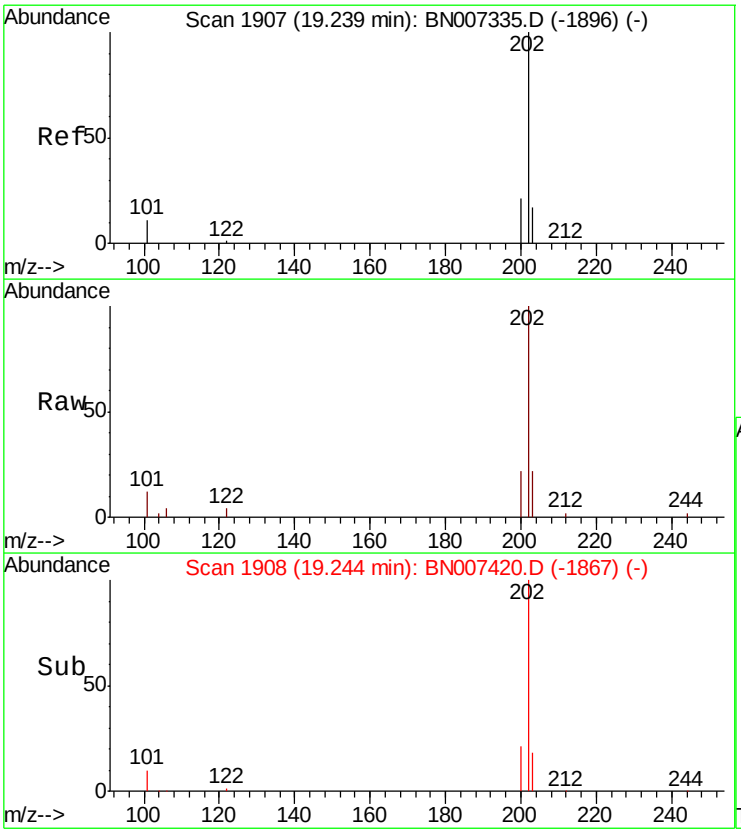
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion:240 Resp: 16085

Ion	Ratio	Lower	Upper
240	100		
120	32.9	9.6	14.4#
236	33.7	22.2	33.2#

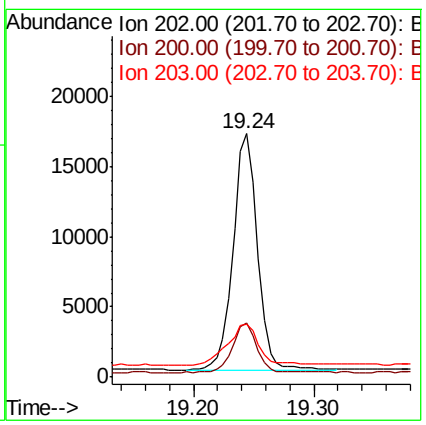


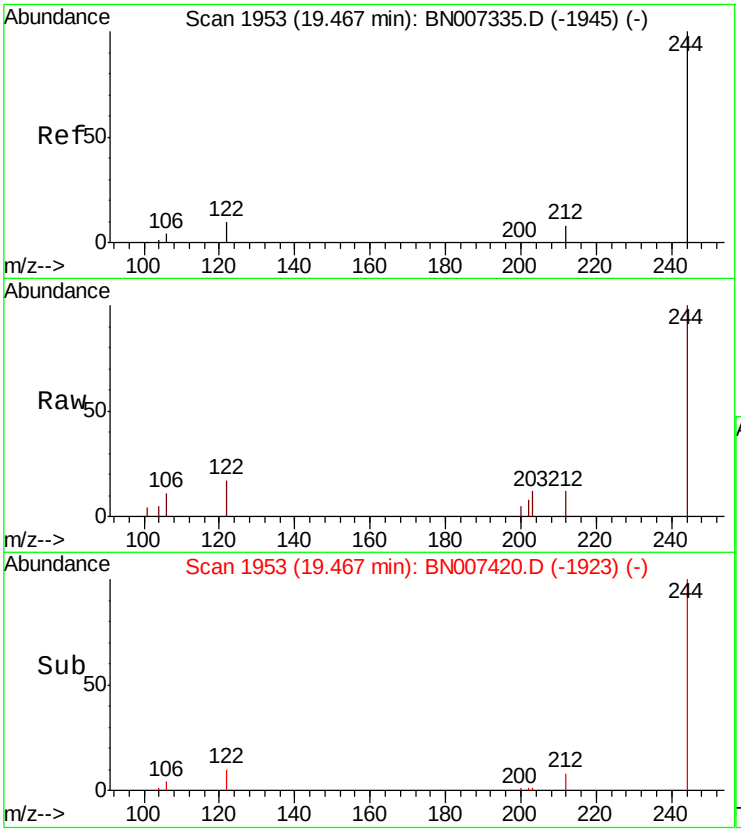


#28
Pyrene
Concen: 0.366 ng
RT: 19.24 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:202 Resp: 23662

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	22.7	14.2	21.4#



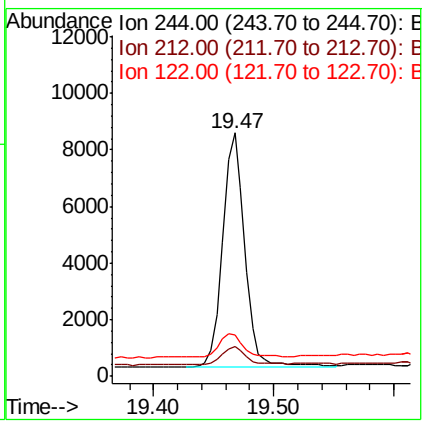


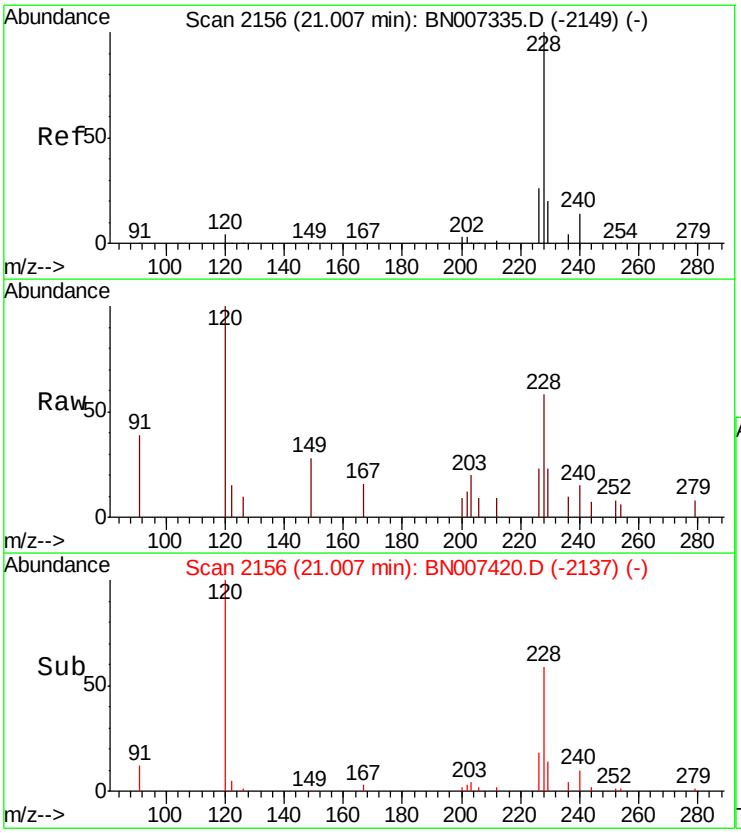
#29
Terphenyl-d14
Concen: 0.251 ng
RT: 19.47 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion:244 Resp: 10568

Ion	Ratio	Lower	Upper
244	100		
212	12.4	7.0	10.6#
122	17.0	9.6	14.4#

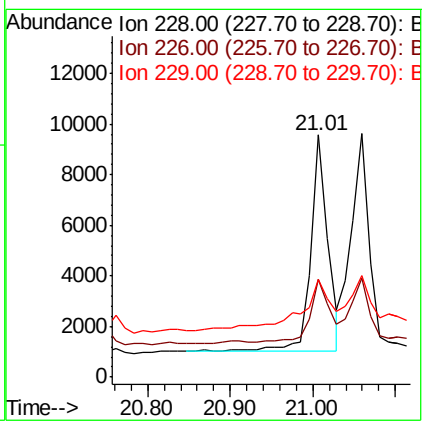


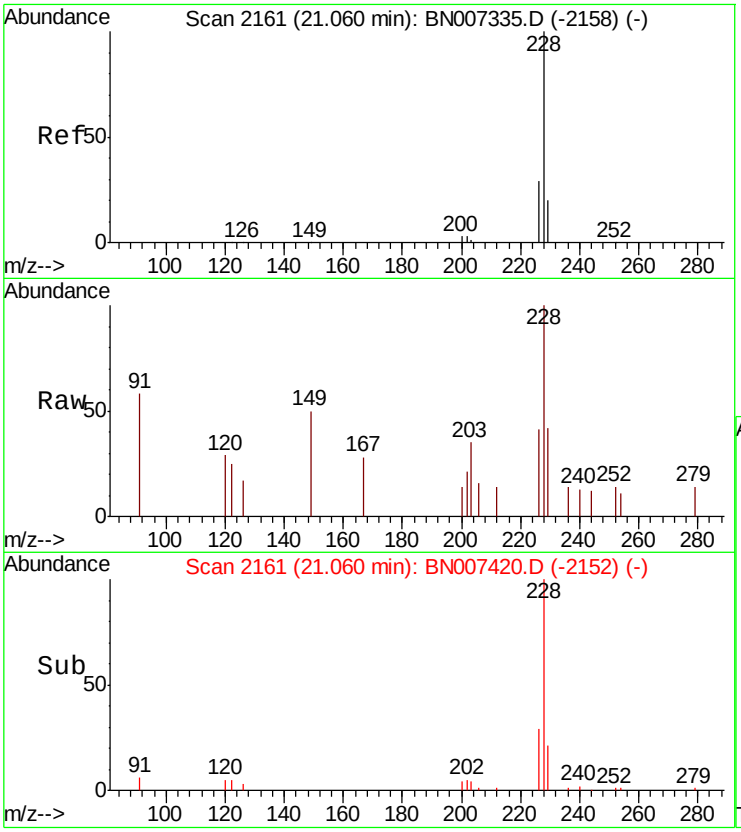


#30
Benzo(a)anthracene
Concen: 0.192 ng
RT: 21.01 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:228 Resp: 12104

Ion	Ratio	Lower	Upper
228	100		
226	40.4	21.3	31.9#
229	40.5	16.1	24.1#



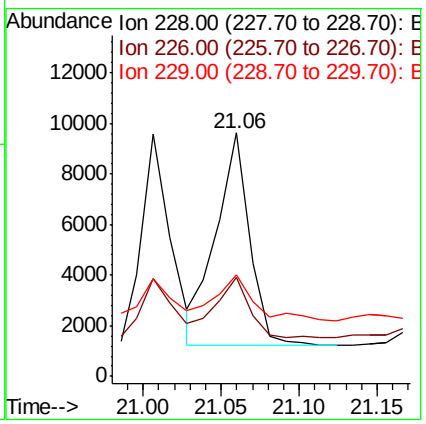


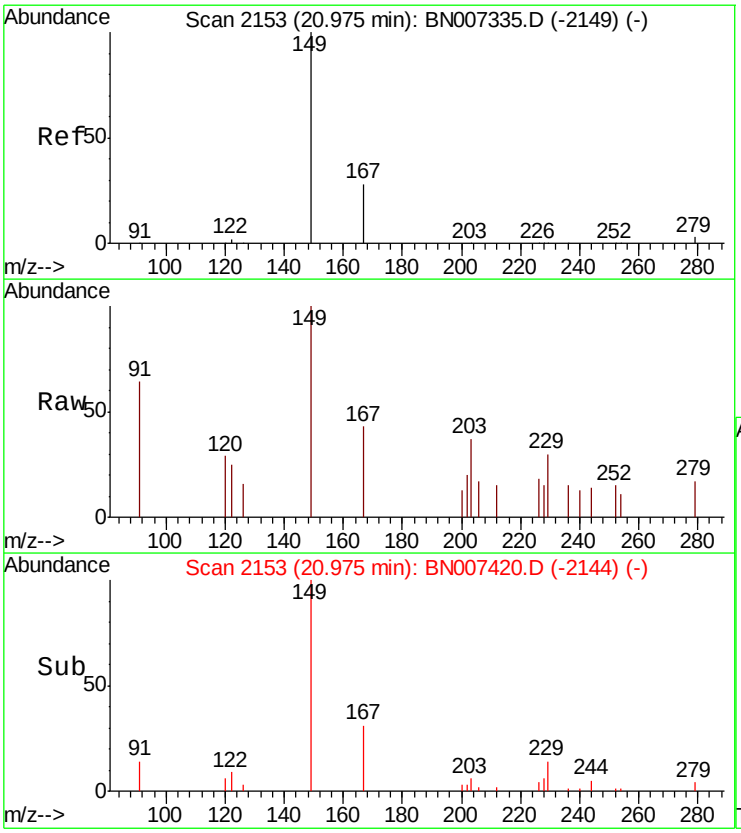
#31
Chrysene
Concen: 0.205 ng
RT: 21.06 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion:228 Resp: 12526

Ion	Ratio	Lower	Upper
228	100		
226	40.8	23.5	35.3#
229	41.7	16.6	24.8#

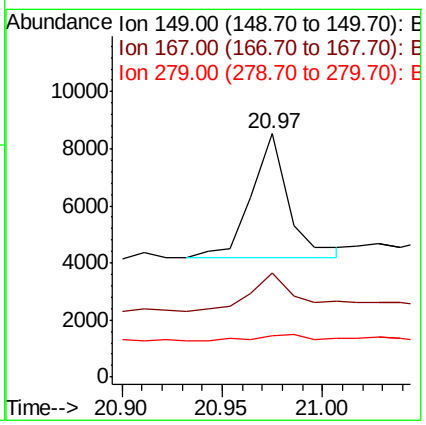


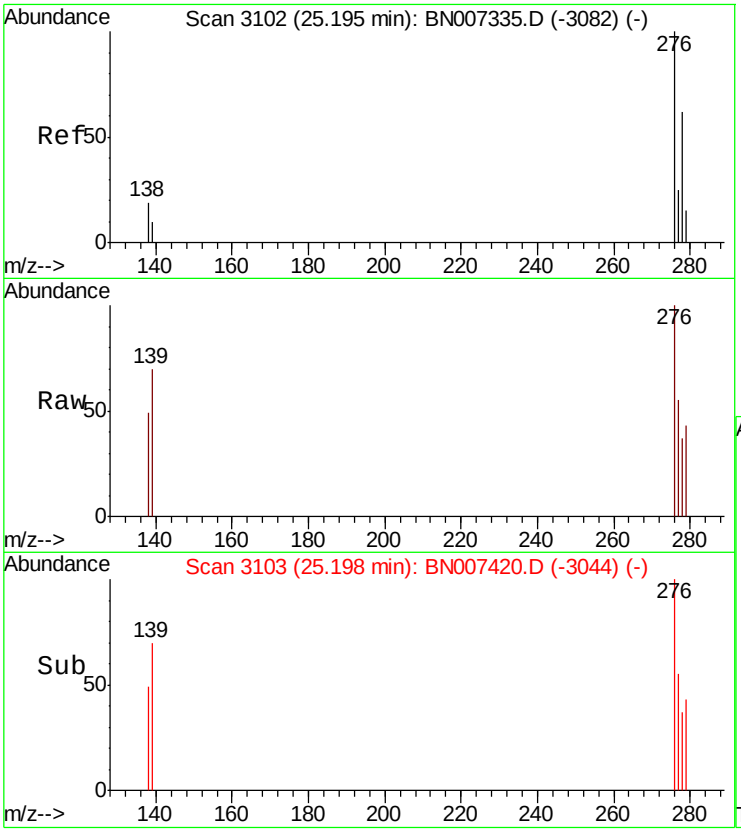


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.121 ng
RT: 20.97 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:149 Resp: 5703

Ion	Ratio	Lower	Upper
149	100		
167	50.8	22.8	34.2#
279	8.2	3.5	5.3#



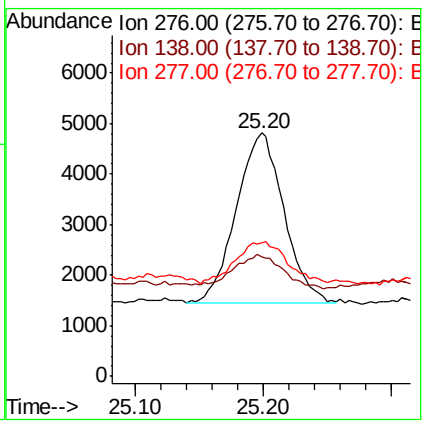


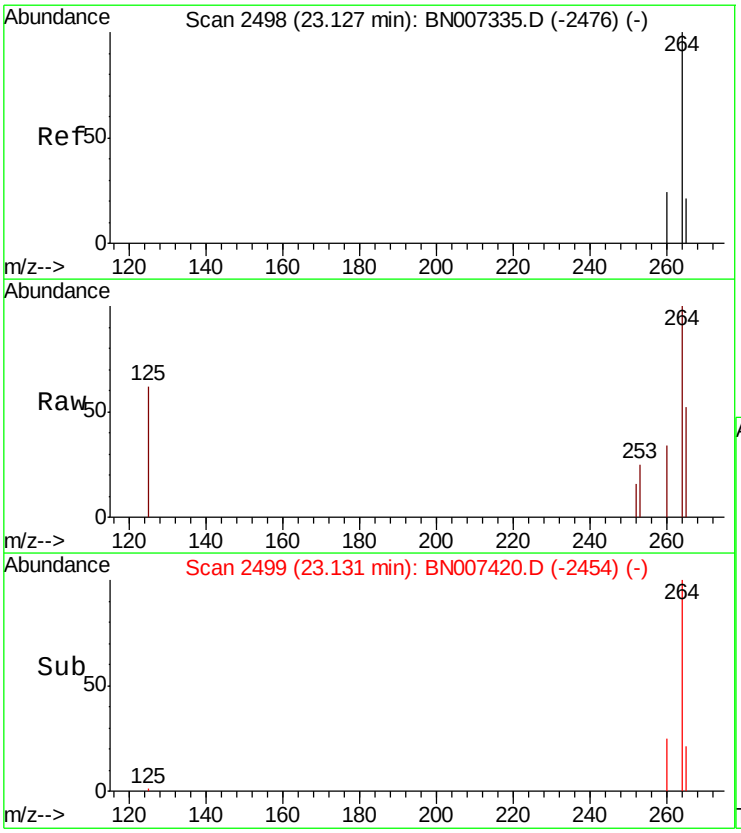
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.118 ng
RT: 25.20 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion:276 Resp: 8654

Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.1	22.7
277	26.4	19.7	29.5

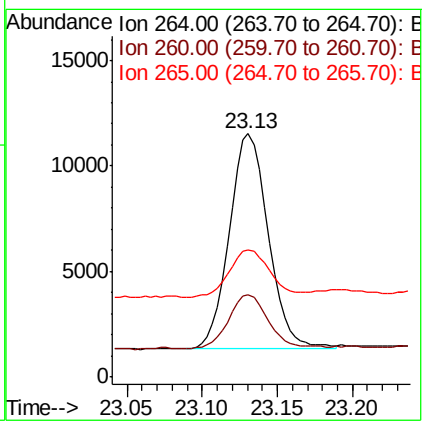


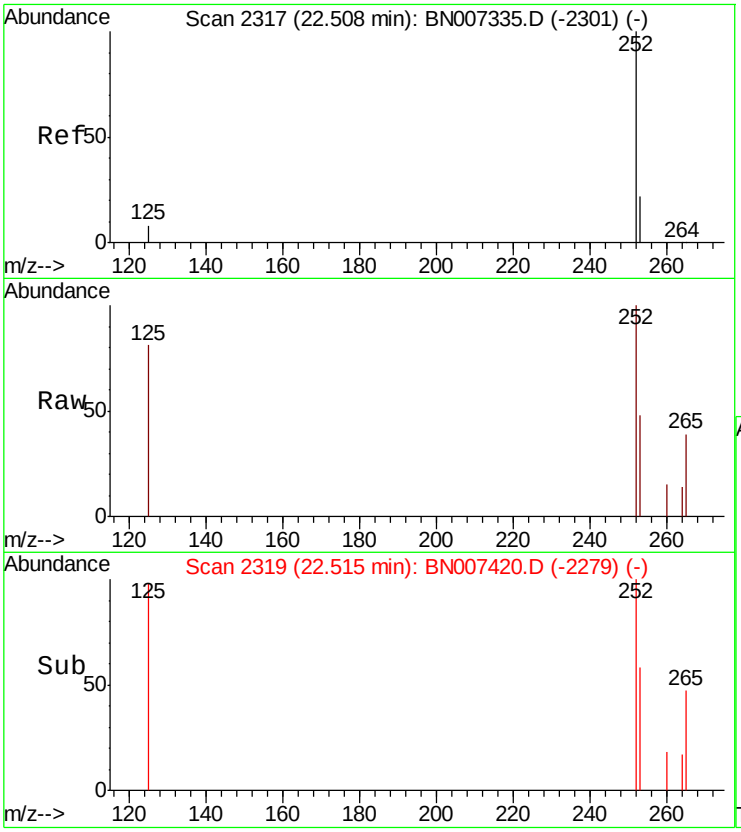


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:264 Resp: 18075

Ion	Ratio	Lower	Upper
264	100		
260	33.8	19.7	29.5#
265	52.0	29.9	44.9#



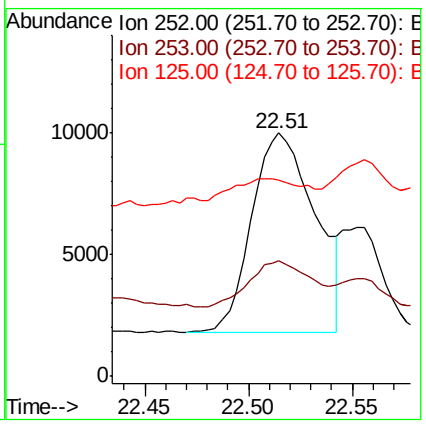


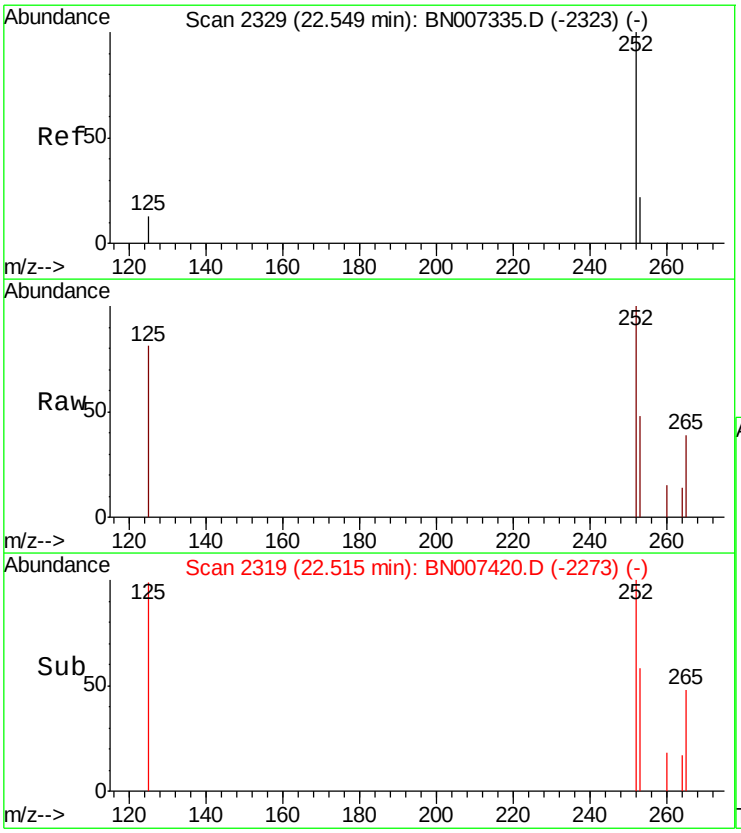
#35
Benzo(b)fluoranthene
Concen: 0.266 ng
RT: 22.51 min Scan# 2319
Delta R.T. 0.01 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion:252 Resp: 17435

Ion	Ratio	Lower	Upper
252	100		
253	47.5	19.2	28.8#
125	80.6	10.6	16.0#

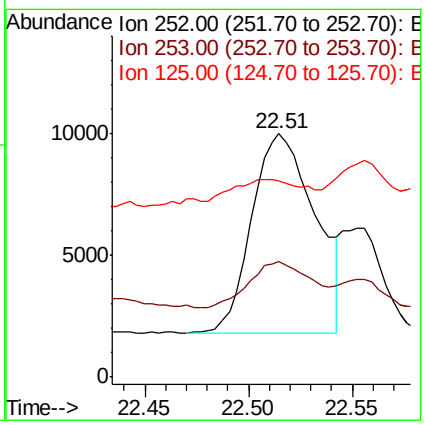


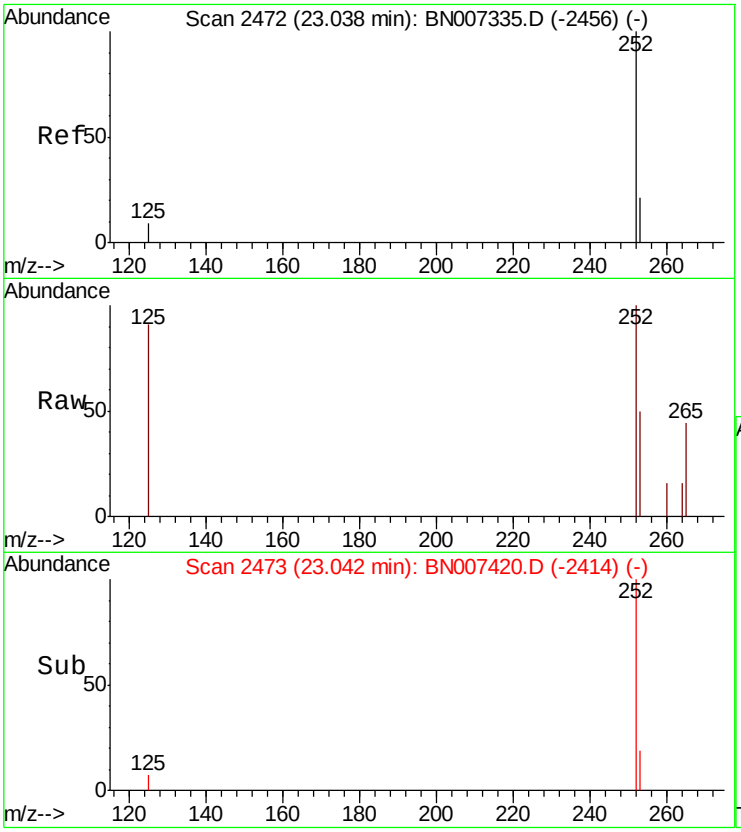


#36
Benzo(k)fluoranthene
Concen: 0.269 ng
RT: 22.51 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:252 Resp: 17435

Ion	Ratio	Lower	Upper
252	100		
253	47.5	19.4	29.2#
125	80.6	13.1	19.7#



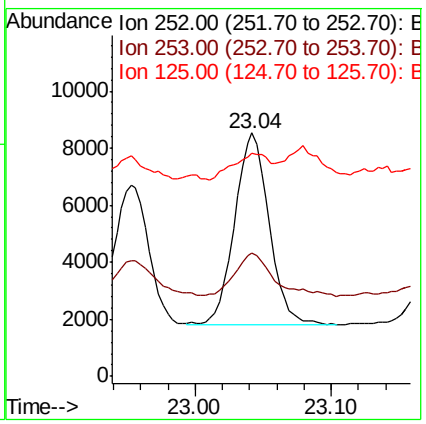


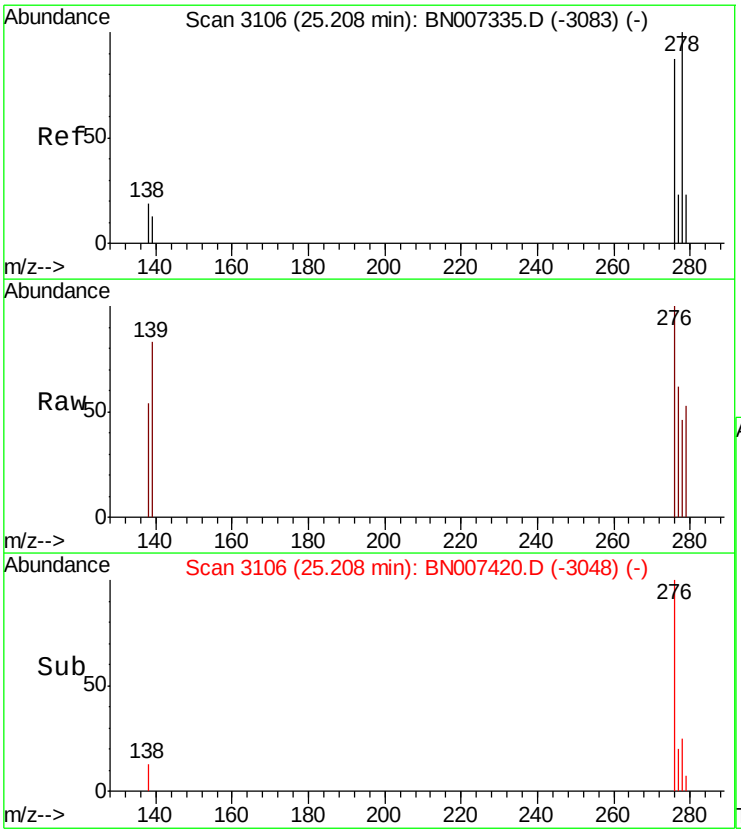
#37
Benzo(a)pyrene
Concen: 0.189 ng
RT: 23.04 min Scan# 2473
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion:252 Resp: 11801

Ion	Ratio	Lower	Upper
252	100		
253	50.4	19.5	29.3#
125	91.4	12.1	18.1#

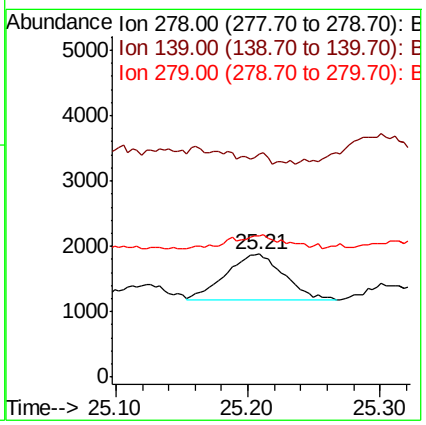


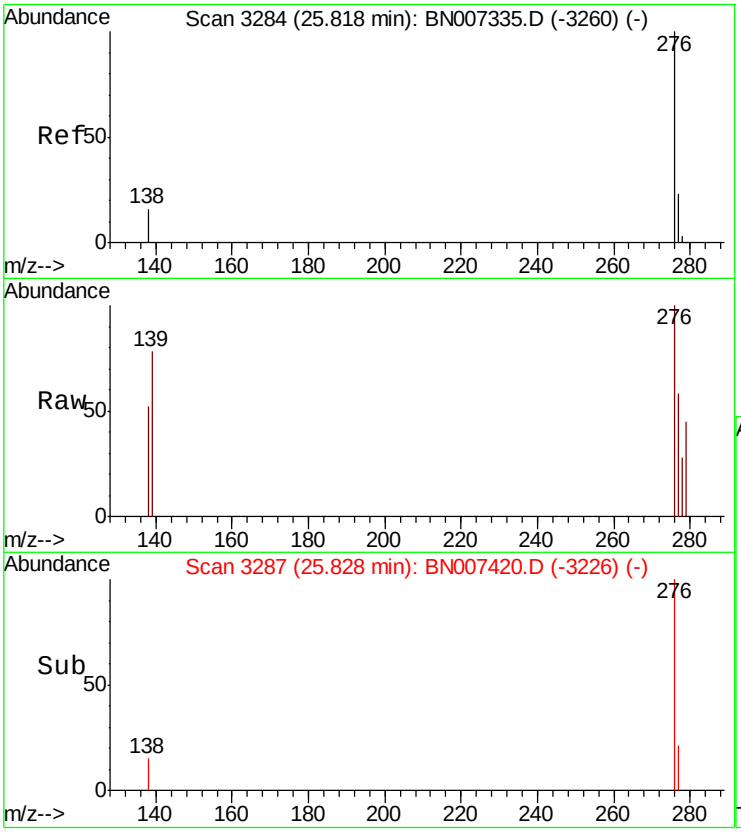


#38
Dibenzo(a,h)anthracene
Concen: 0.035 ng
RT: 25.21 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Tgt Ion:278 Resp: 2160

Ion	Ratio	Lower	Upper
278	100		
139	181.6	13.7	20.5#
279	115.3	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 0.140 ng
RT: 25.83 min Scan# 3287
Delta R.T. 0.01 min
Lab File: BN007420.D
Acq: 26 Aug 2019 21:24

Instrument :
BNA_N
ClientSampleId :
S302A-J-1.5-2.0-082319

Tgt Ion:276 Resp: 8678

Ion	Ratio	Lower	Upper
276	100		
277	58.0	19.6	29.4#
138	52.1	16.3	24.5#