Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082619\
Data File : BN007418.D
Acq On : 26 Aug 2019 20:13
Operator : HP/JU
Sample : K4514-13 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S301A-J-1.5-2.0-082319

Quant Time: Aug 27 05:46:37 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	4709	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	19189	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	11269	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	21426	0.40	ng		0.00
27) Chrysene-d12	21.03	240	20222	0.40	ng		0.00
34) Perylene-d12	23.13	264	23399	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	1151	0.05	ng		0.00
5) Phenol-d6	6.60	99	1369	0.04	ng		0.00
8) Nitrobenzene-d5	8.54	82	987	0.06	ng		0.01
11) 2-Methylnaphthalene-d10	11.76	152	1996	0.06	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	457	0.08	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	2502	0.06	ng		0.00
25) Fluoranthene-d10	18.85	212	4248	0.06	ng		0.00
29) Terphenyl-d14	19.47	244	3695	0.07	ng		0.00
Target Compounds							Qvalue
16) Acenaphthylene	13.77	152	1860	0.028	ng	#	90
18) Fluorene	15.10	166	1064	0.022	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	289	0.034	ng	#	1
23) Phenanthrene	16.85	178	8153	0.127	ng		98
24) Anthracene	16.93	178	2241	0.035	ng	#	95
26) Fluoranthene	18.88	202	33431	0.404	ng		98
28) Pyrene	19.24	202	31668	0.389	ng	#	96
30) Benzo(a)anthracene	21.00	228	19022	0.240	ng	#	66
31) Chrysene	21.06	228	15874	0.207	ng	#	59
32) Bis(2-ethylhexyl)phthalate	20.97	149	14417	0.262	ng	#	86
33) Indeno(1,2,3-cd)pyrene	25.20	276	10964	0.119	ng		96
35) Benzo(b)fluoranthene	22.51	252	23644	0.279	ng	#	3
36) Benzo(k)fluoranthene	22.51	252	23644	0.282	ng	#	5
37) Benzo(a)pyrene	23.04	252	16472	0.204	ng	#	1
38) Dibenzo(a,h)anthracene	25.21	278	3318	0.041	ng	#	1
39) Benzo(g,h,i)perylene	25.83	276	12116	0.151	ng	#	26

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

Quantitation Report (Not Reviewed)

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BNA_N
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S301A-J-1.5-2.0-082319

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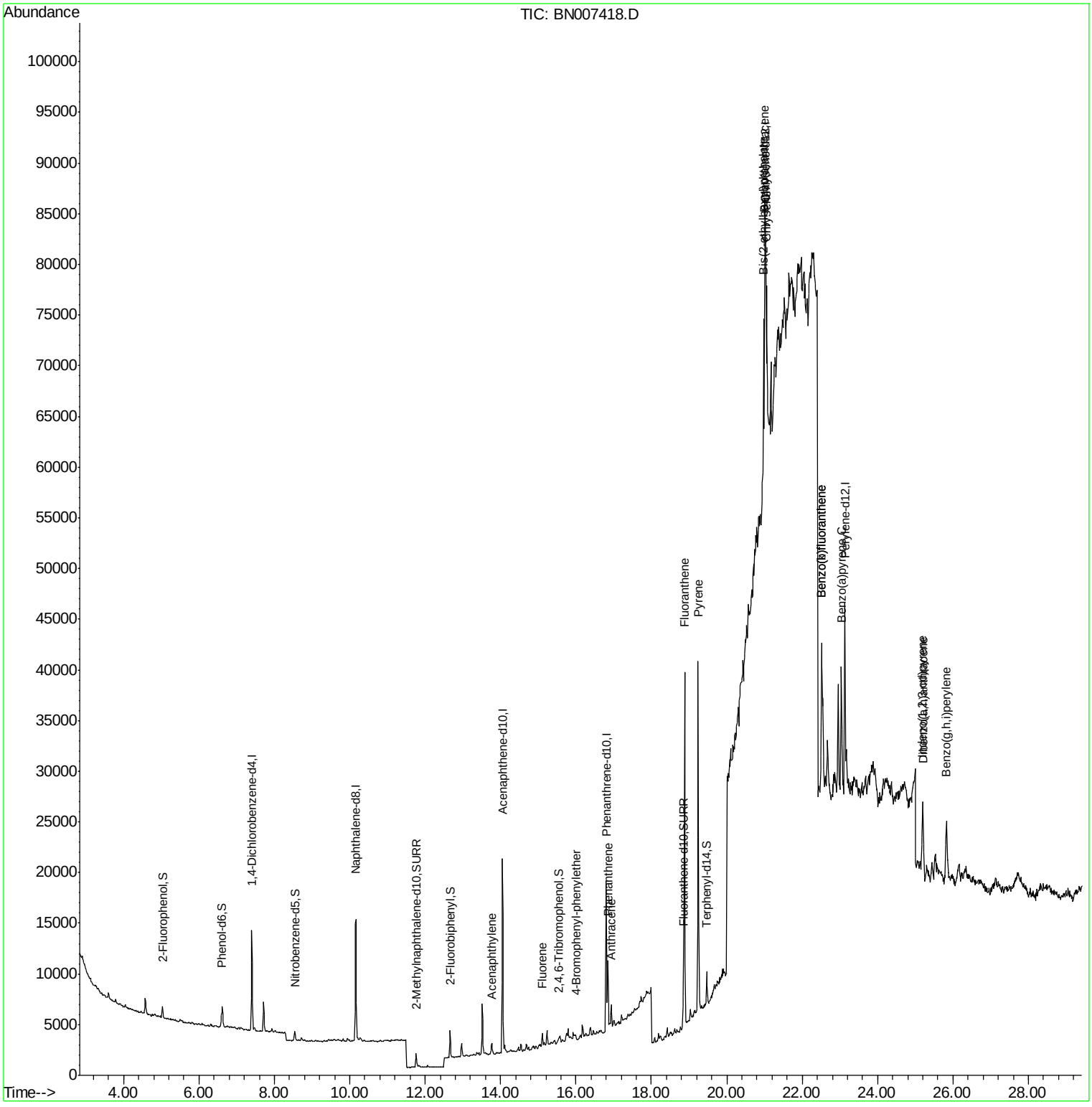
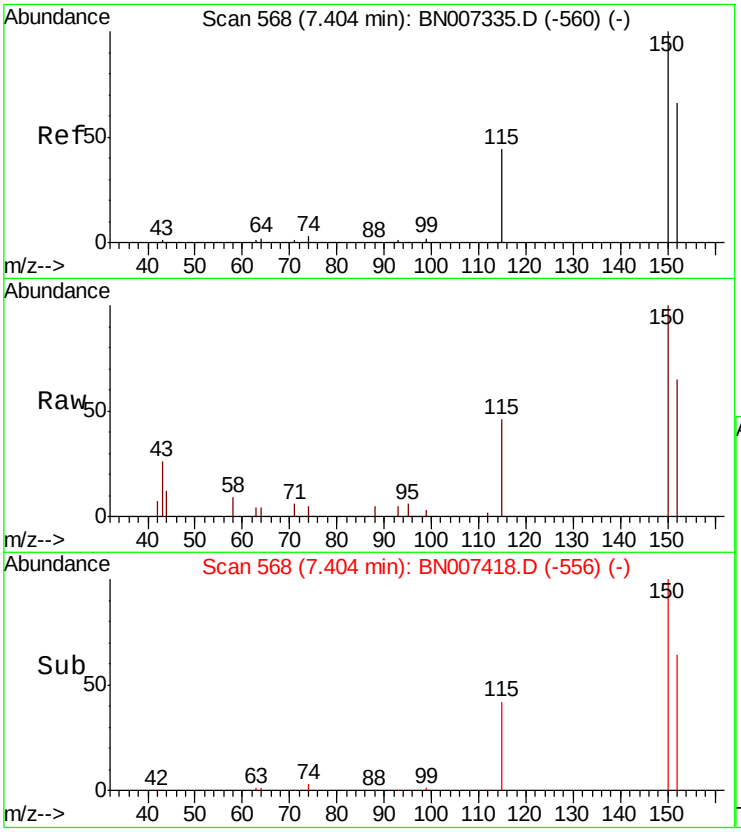
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration



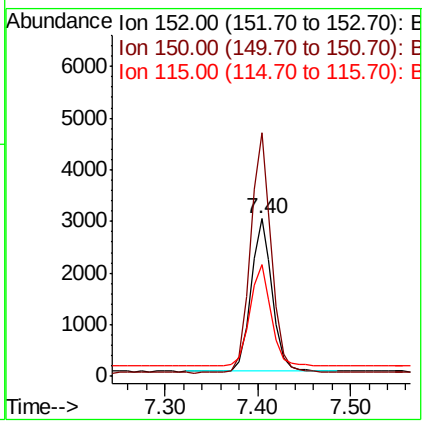


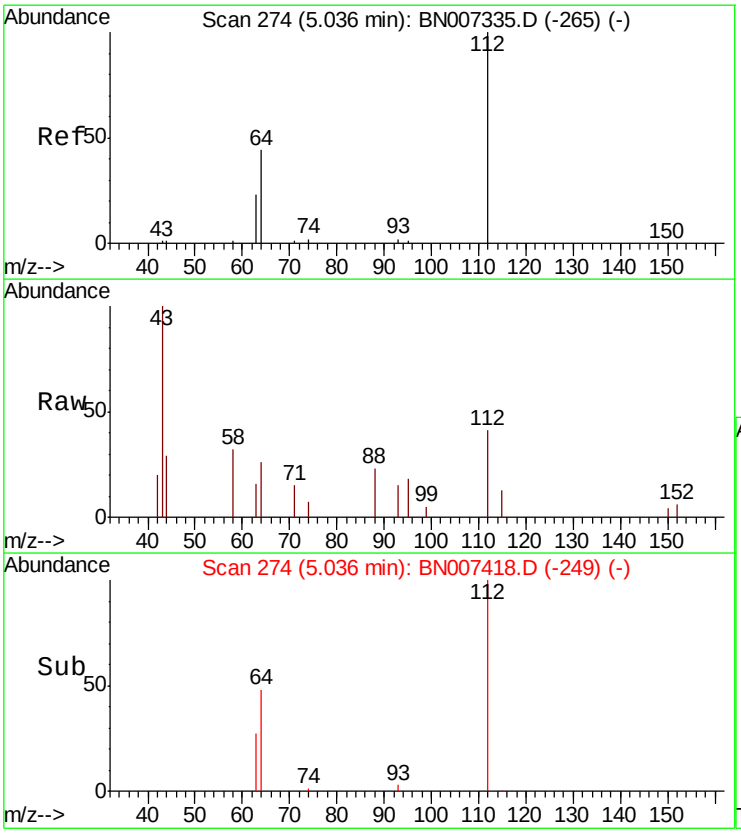
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion:152 Resp: 4709

Ion	Ratio	Lower	Upper
152	100		
150	154.3	109.1	163.7
115	70.6	59.6	89.4

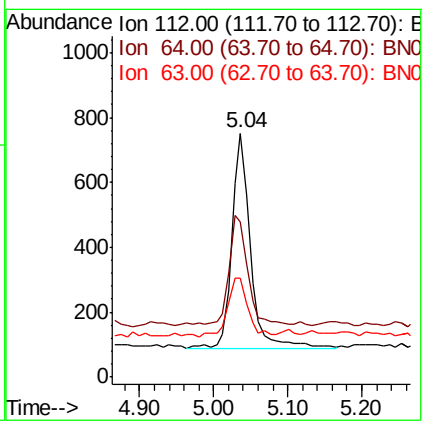


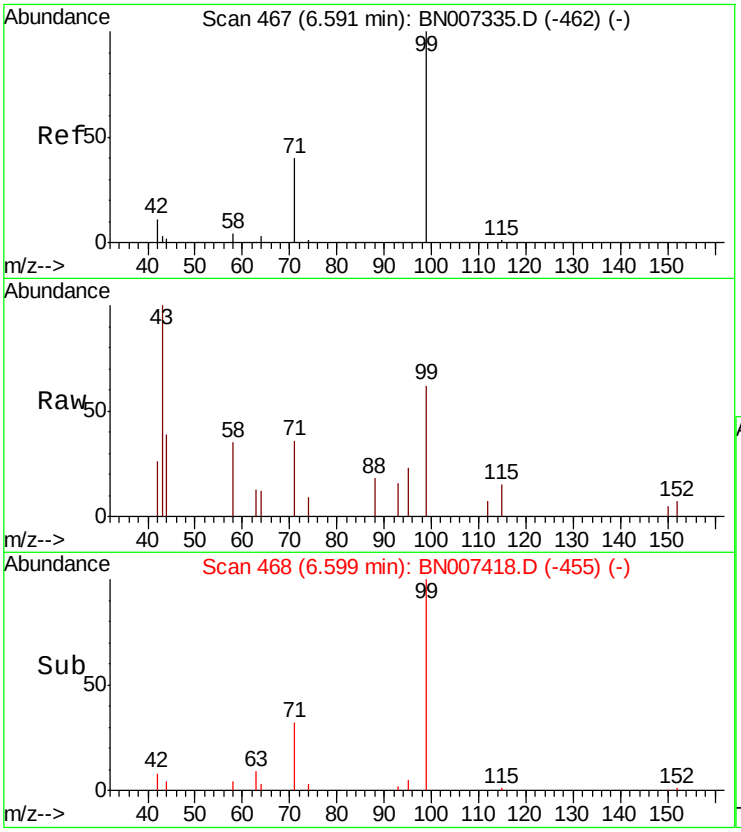


#4
2-Fluorophenol
Concen: 0.046 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:112 Resp: 1151

Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.3	63.5
63	30.3	23.6	35.4



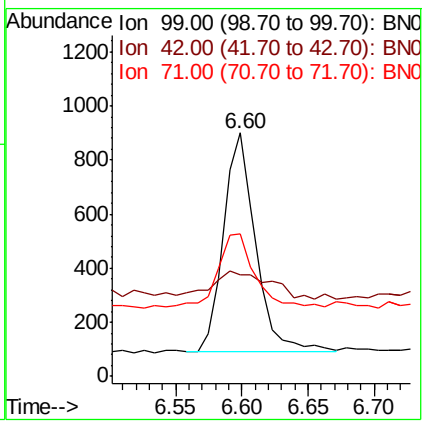


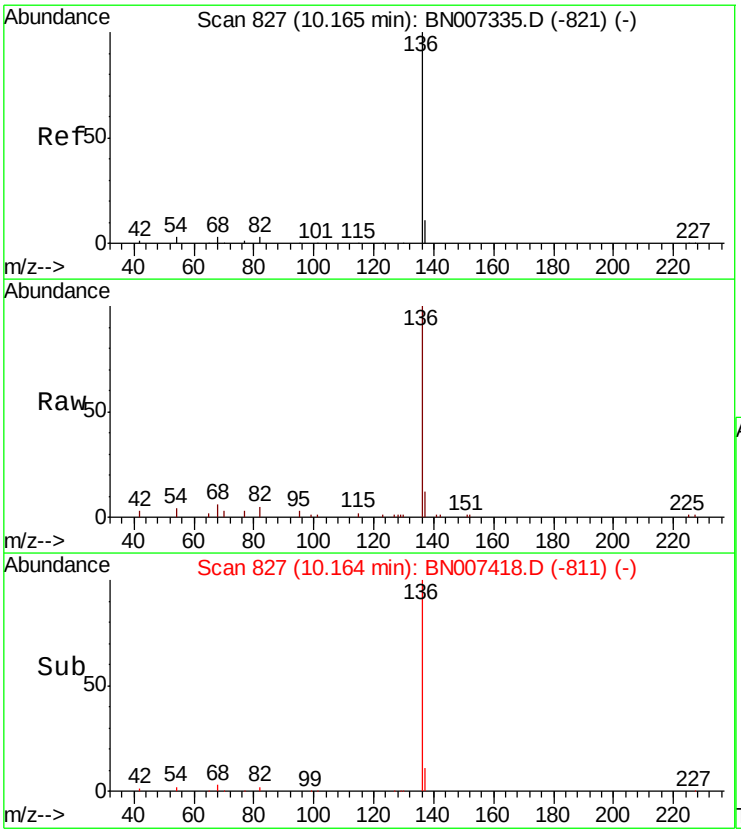
#5
Phenol-d6
Concen: 0.039 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.01 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion: 99 Resp: 1369

Ion	Ratio	Lower	Upper
99	100		
42	22.0	11.2	16.8#
71	41.0	31.8	47.8

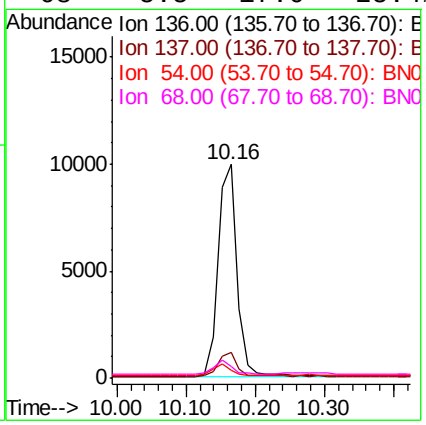


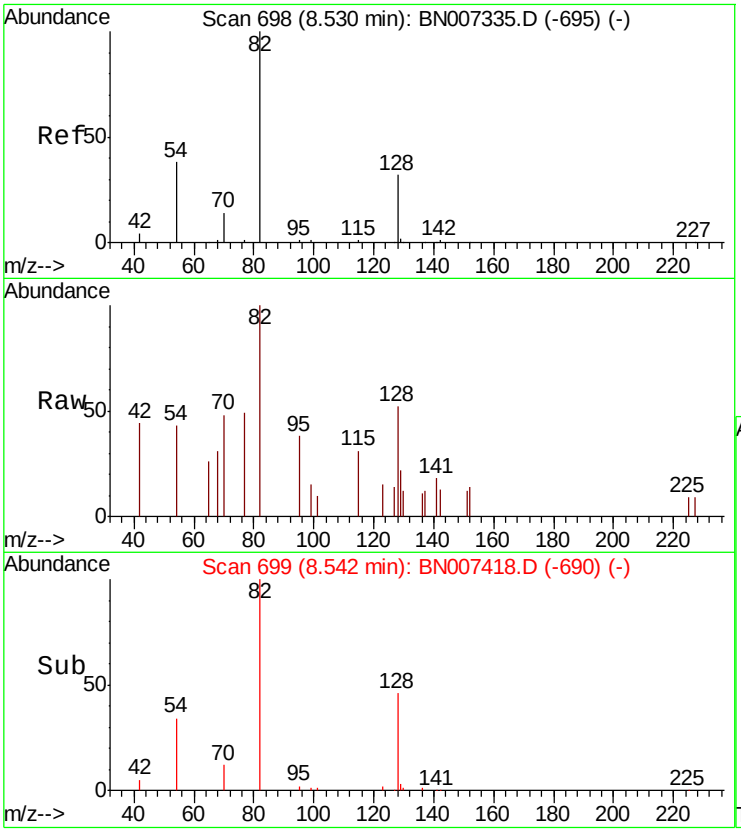


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:136 Resp: 19189

Ion	Ratio	Lower	Upper
136	100		
137	11.9	12.9	19.3#
54	3.9	8.6	12.8#
68	5.5	17.0	25.4#



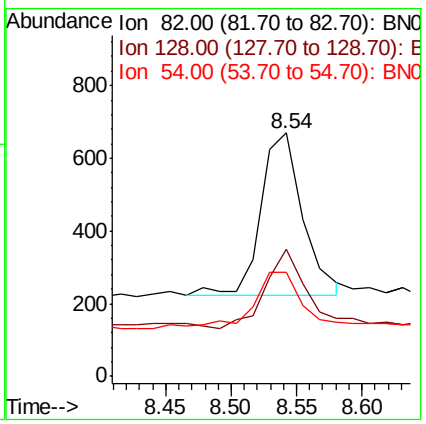


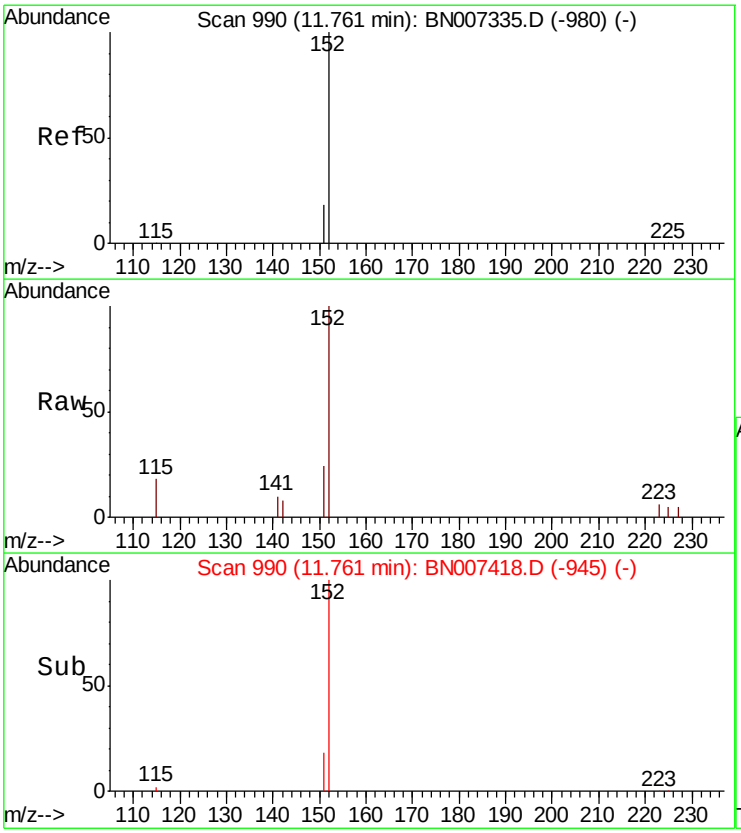
#8
Nitrobenzene-d5
Concen: 0.059 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.01 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion: 82 Resp: 987

Ion	Ratio	Lower	Upper
82	100		
128	52.2	19.7	29.5#
54	42.5	25.8	38.6#

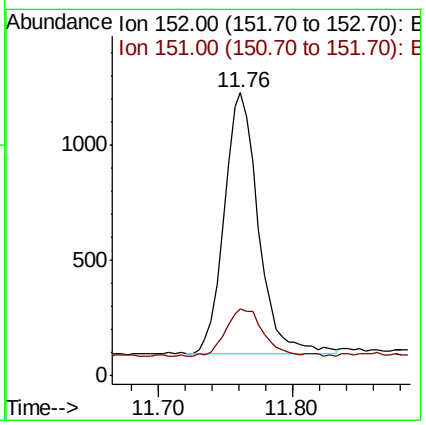


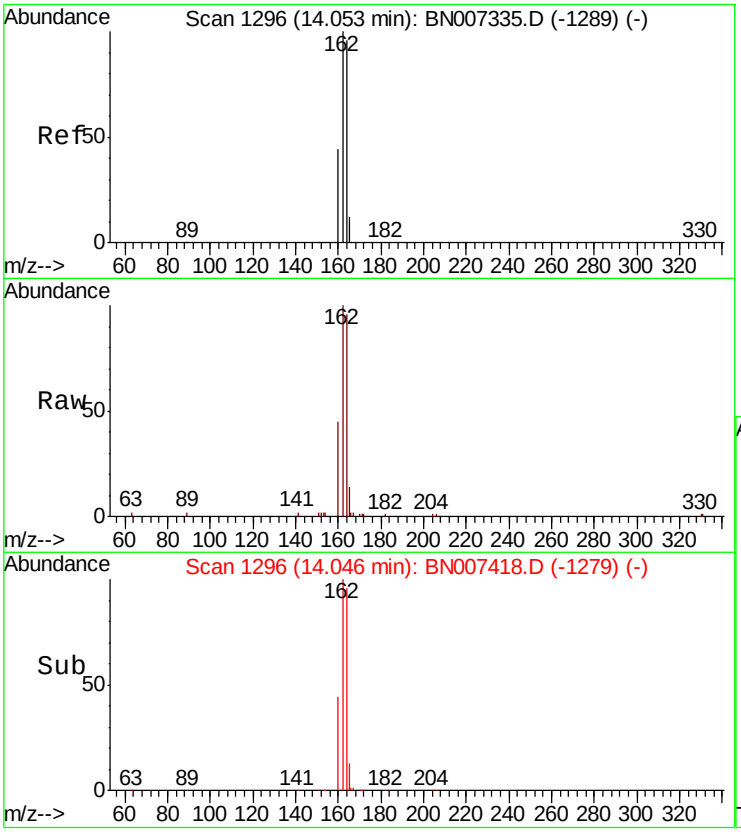


#11
2-Methylnaphthalene-d10
Concen: 0.063 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:152 Resp: 1996

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2



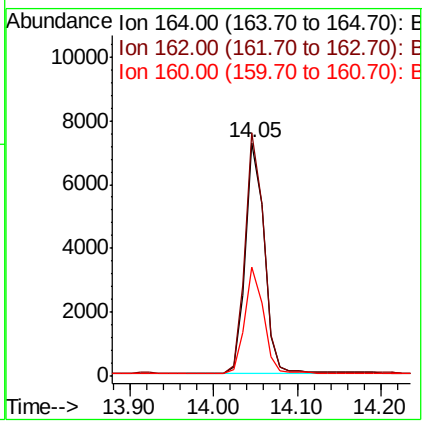


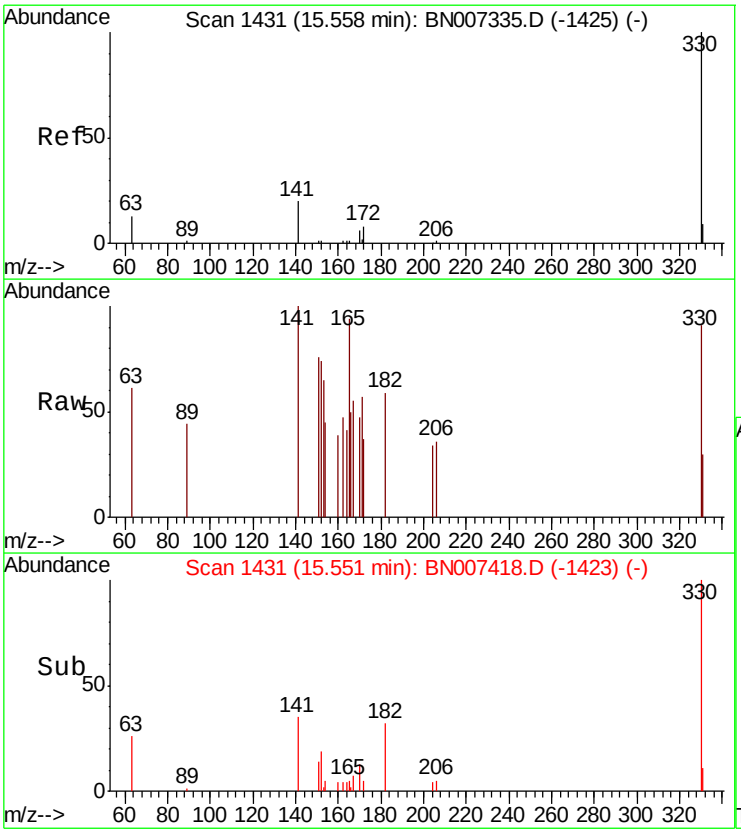
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion:164 Resp: 11269

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.5	125.3
160	46.9	38.2	57.4

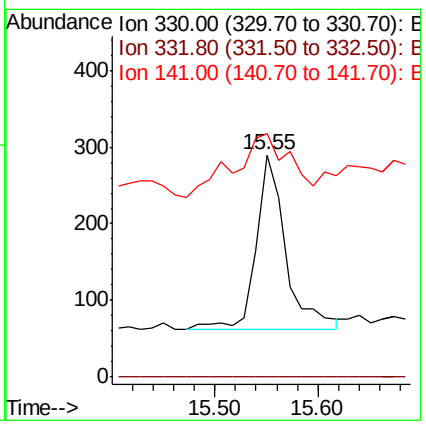


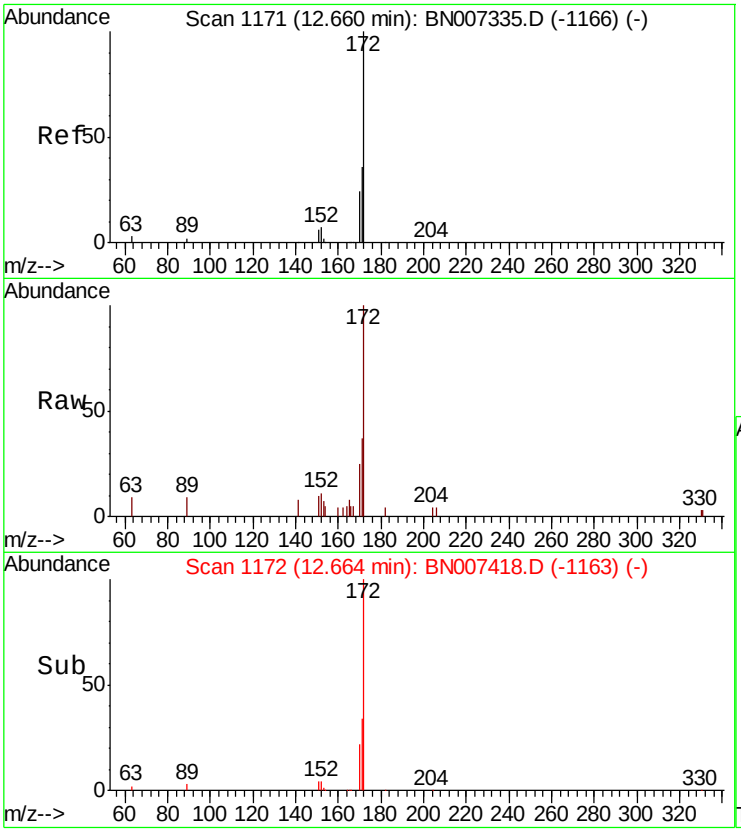


#14
2,4,6-Tribromophenol
Concen: 0.078 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:330 Resp: 457

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	69.4	26.9	40.3#



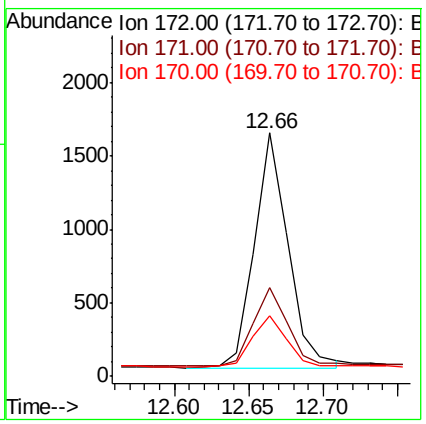


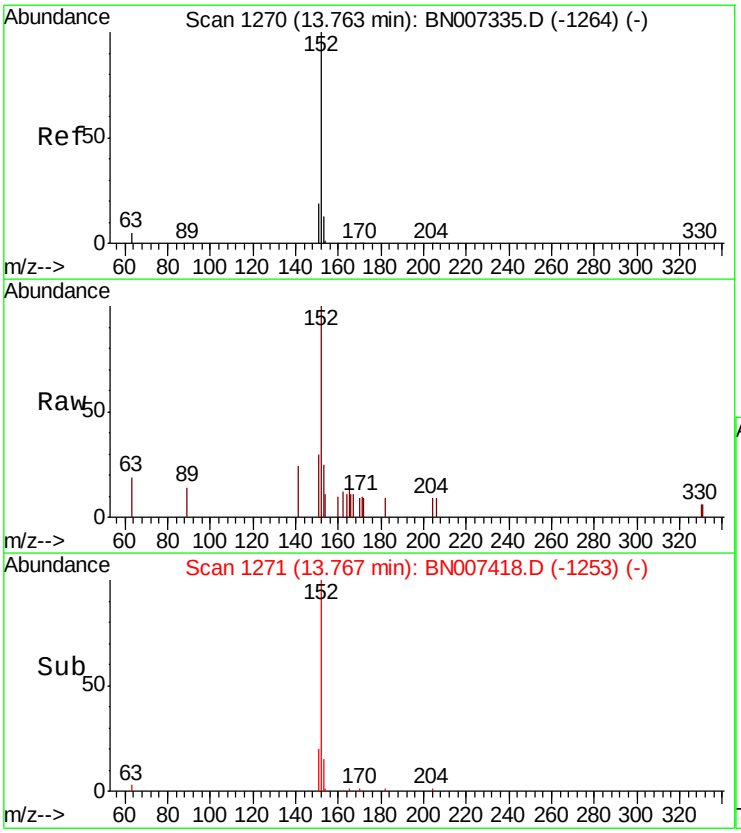
#15
2-Fluorobiphenyl
Concen: 0.055 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion:172 Resp: 2502

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.3	45.5
170	25.0	20.7	31.1

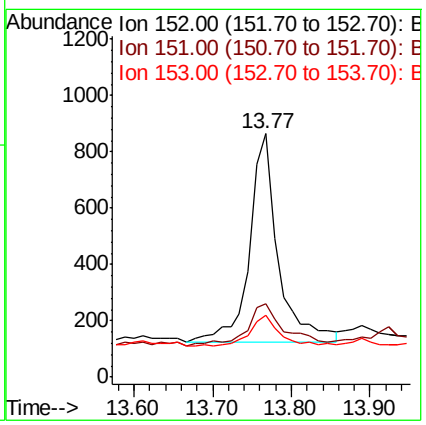


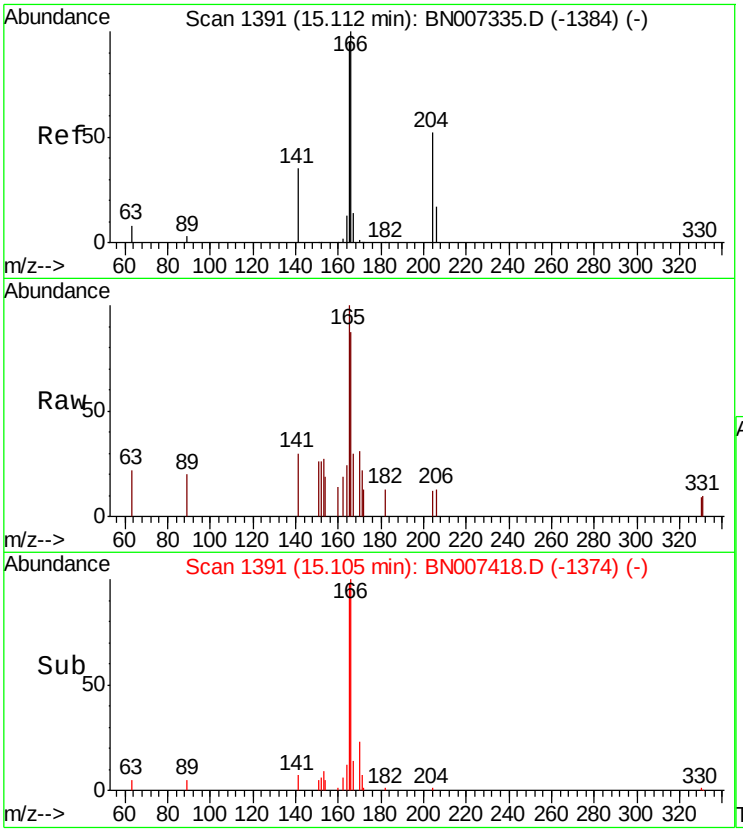


#16
Acenaphthylene
Concen: 0.028 ng
RT: 13.77 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:152 Resp: 1860

Ion	Ratio	Lower	Upper
152	100		
151	26.8	16.1	24.1#
153	14.4	10.6	15.8



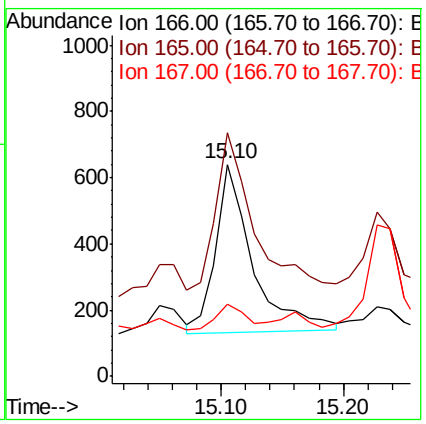


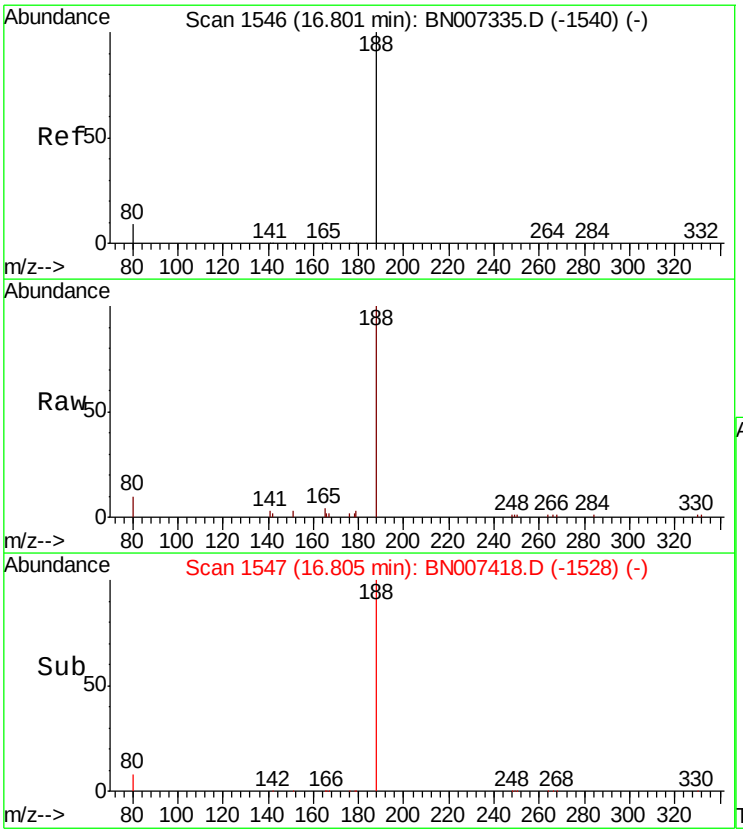
#18
Fluorene
Concen: 0.022 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion:166 Resp: 1064

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.4
167	12.6	10.6	15.8

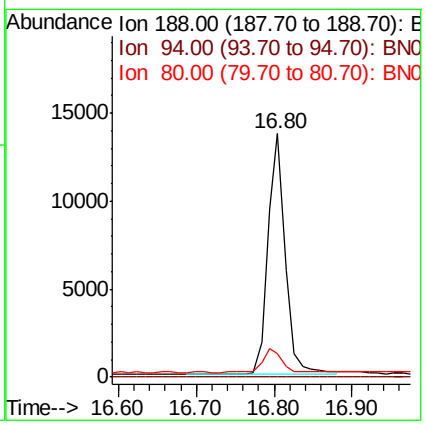


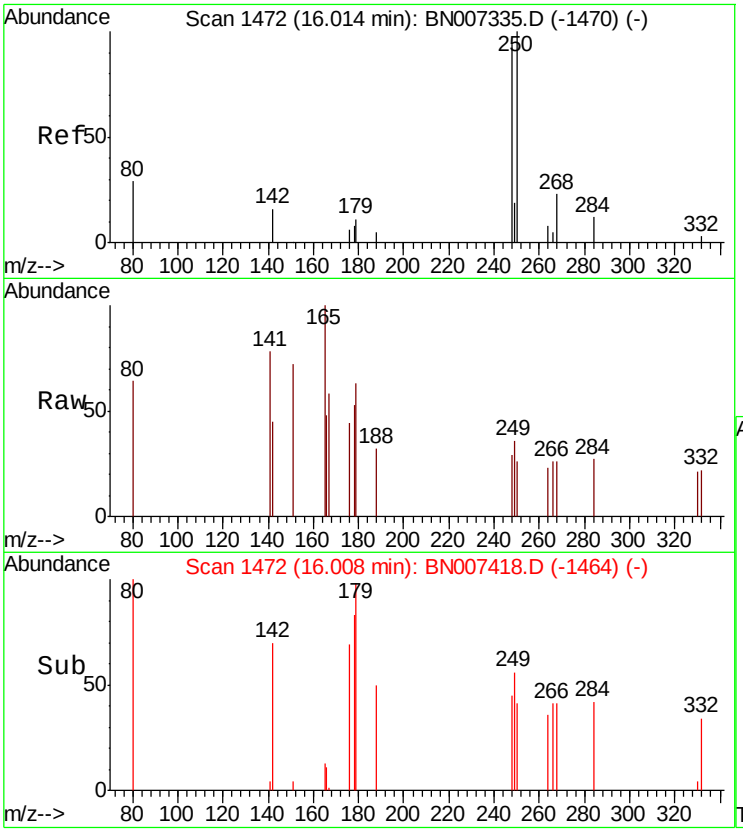


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:188 Resp: 21426

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	11.8	17.8#



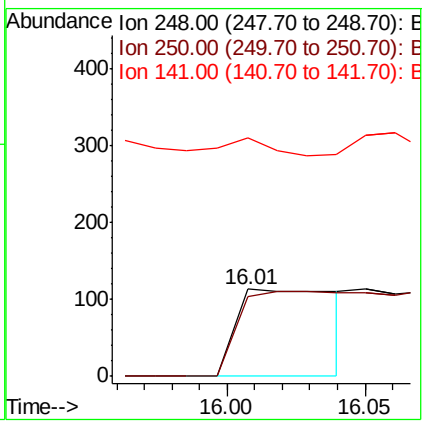


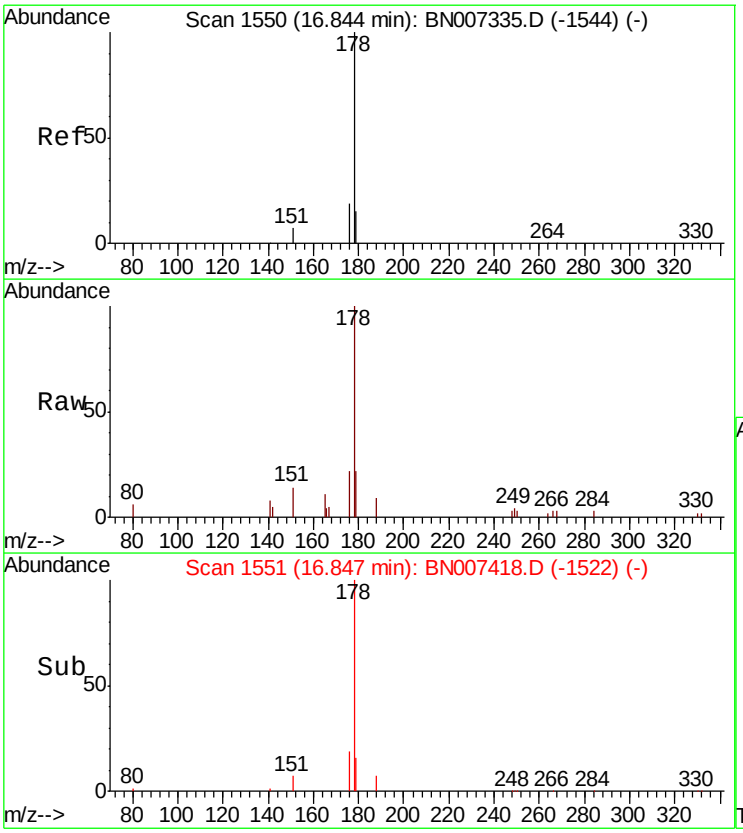
#20
4-Bromophenyl-phenylether
Concen: 0.034 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion:248 Resp: 289

Ion	Ratio	Lower	Upper
248	100		
250	91.2	85.0	127.6
141	274.3	51.7	77.5#

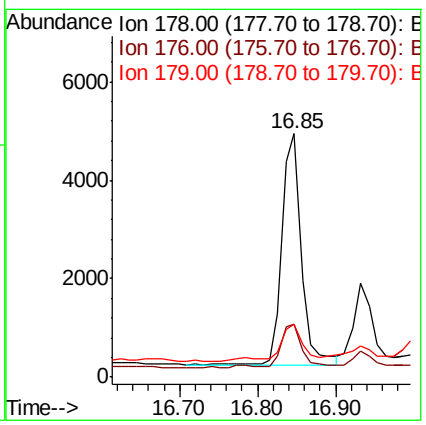


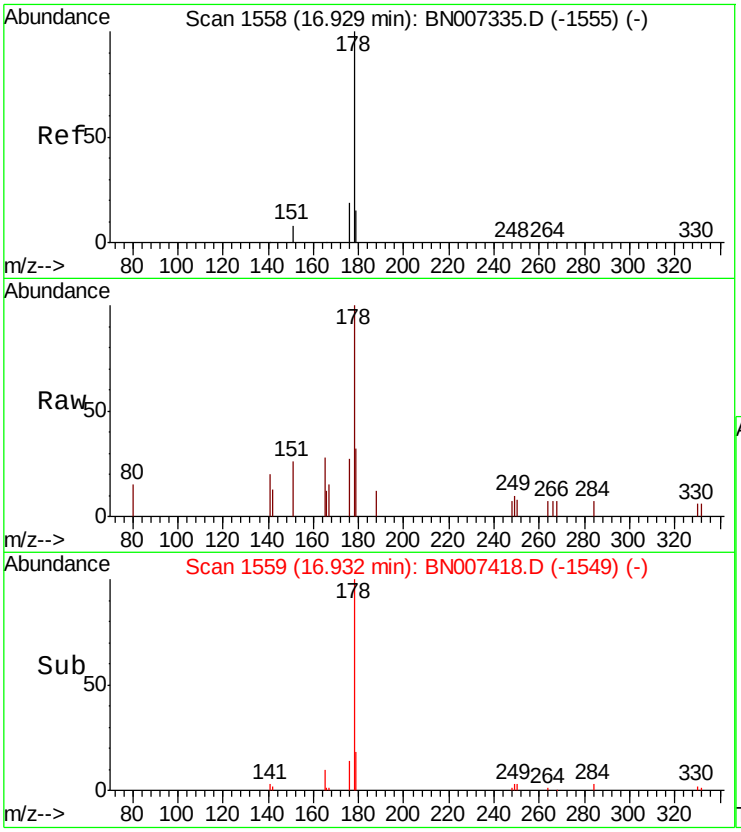


#23
Phenanthrene
Concen: 0.127 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:178 Resp: 8153

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	14.5	12.6	19.0



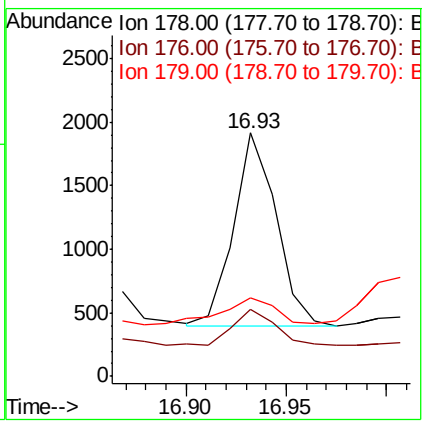


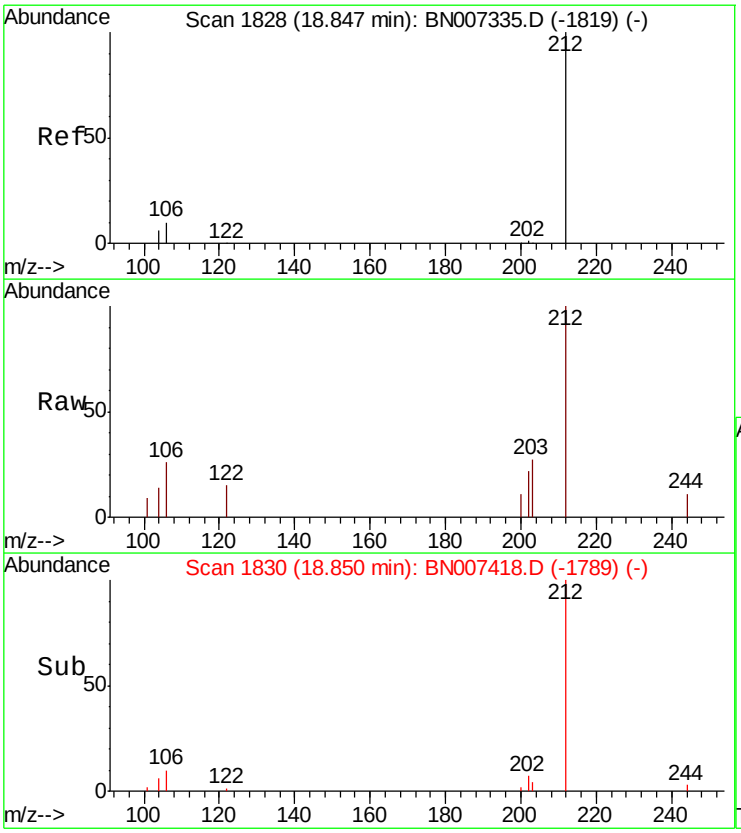
#24
Anthracene
Concen: 0.035 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion:178 Resp: 2241

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	19.0	12.4	18.6#

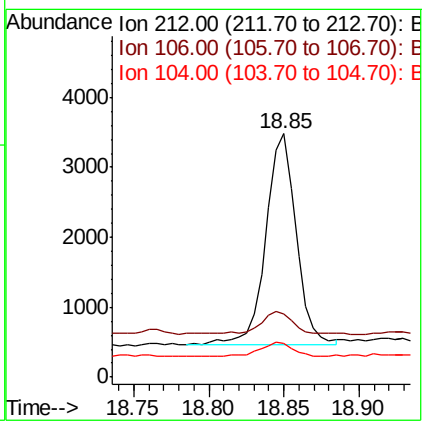


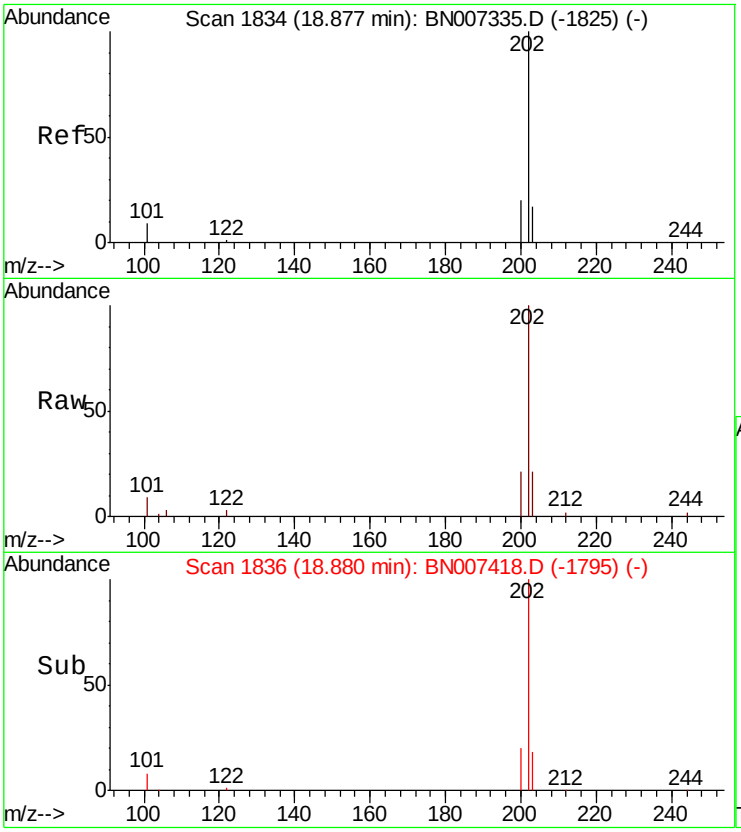


#25
Fluoranthene-d10
Concen: 0.062 ng
RT: 18.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:212 Resp: 4248

Ion	Ratio	Lower	Upper
212	100		
106	10.7	9.0	13.4
104	7.4	5.4	8.2



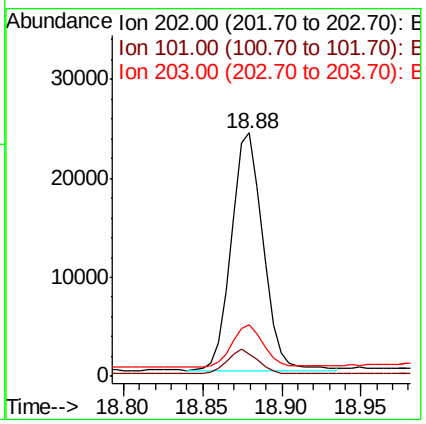


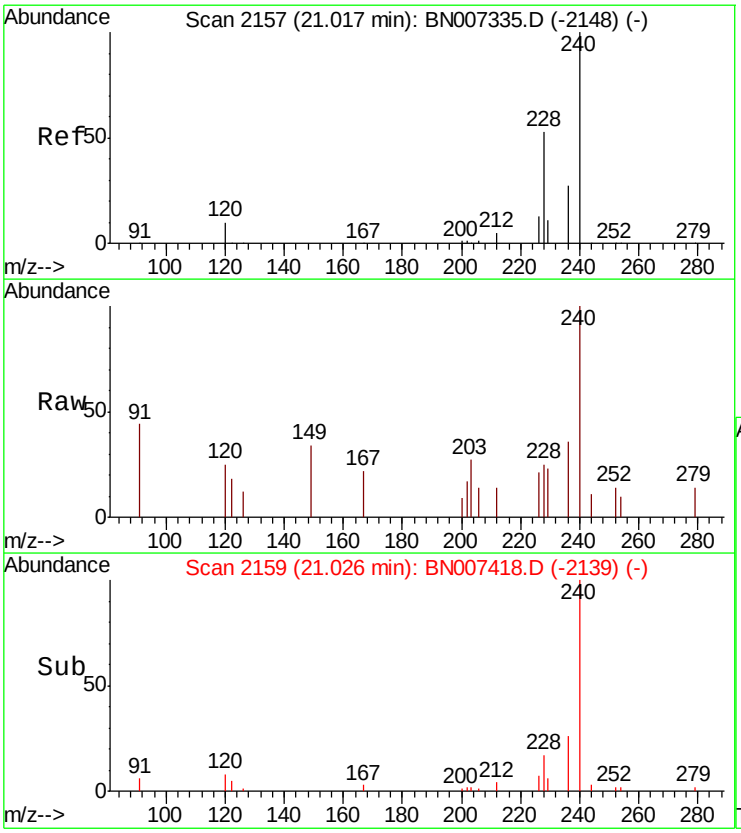
#26
Fluoranthene
Concen: 0.404 ng
RT: 18.88 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion:202 Resp: 33431

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.7	11.5
203	18.3	13.7	20.5

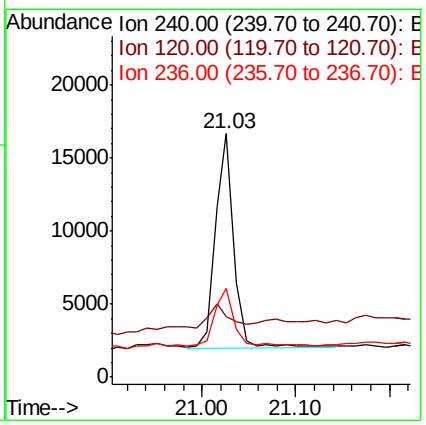


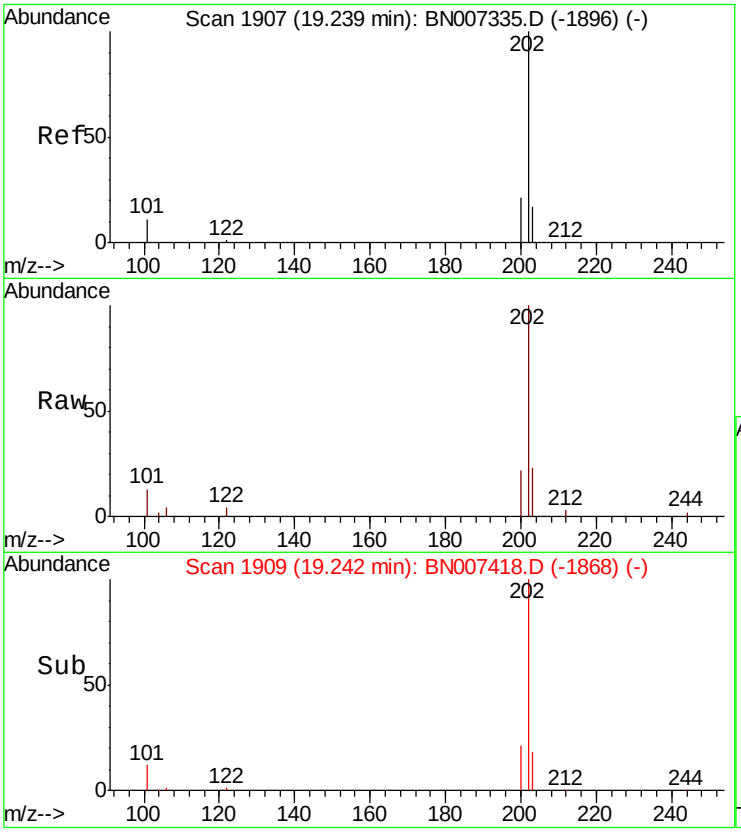


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. 0.01 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:240 Resp: 20222

Ion	Ratio	Lower	Upper
240	100		
120	24.9	9.6	14.4#
236	36.2	22.2	33.2#



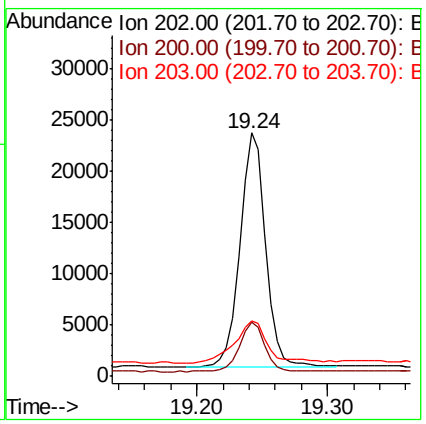


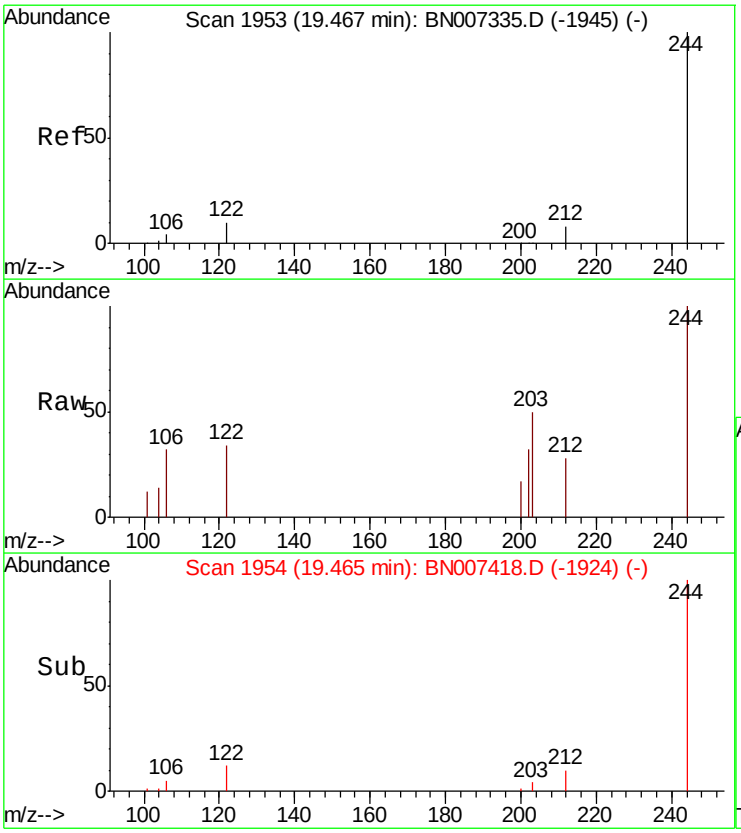
#28
Pyrene
Concen: 0.389 ng
RT: 19.24 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion:202 Resp: 31668

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	21.6	14.2	21.4#

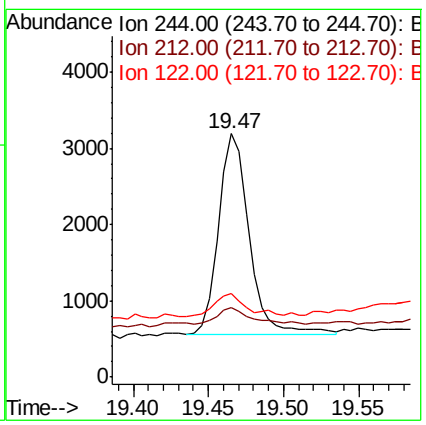


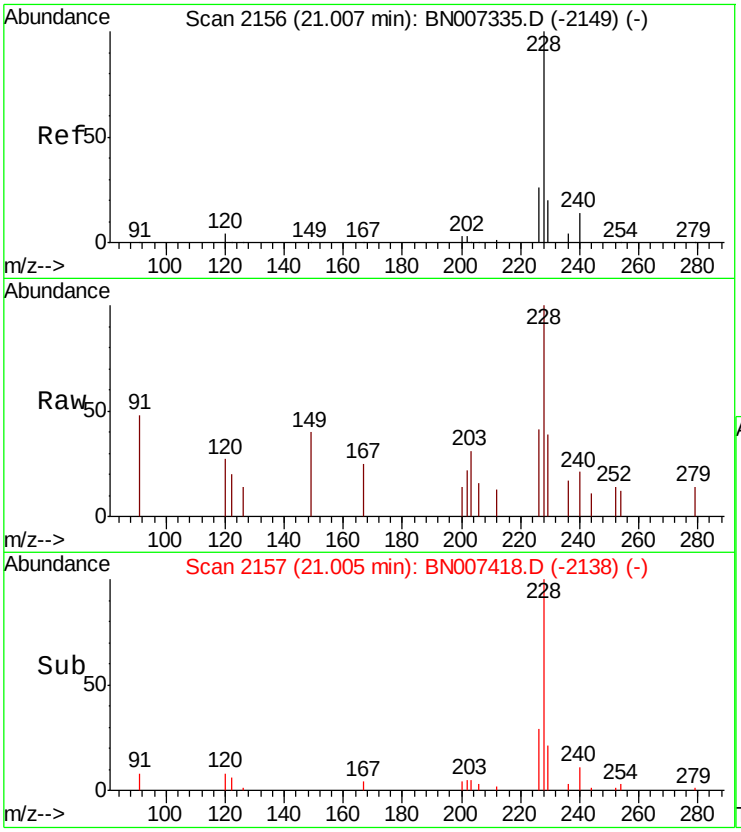


#29
Terphenyl-d14
Concen: 0.070 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:244 Resp: 3695

Ion	Ratio	Lower	Upper
244	100		
212	28.4	7.0	10.6#
122	34.3	9.6	14.4#



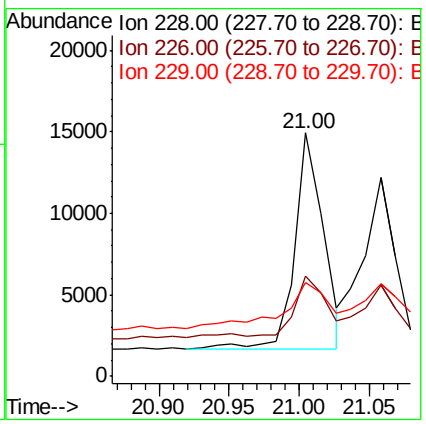


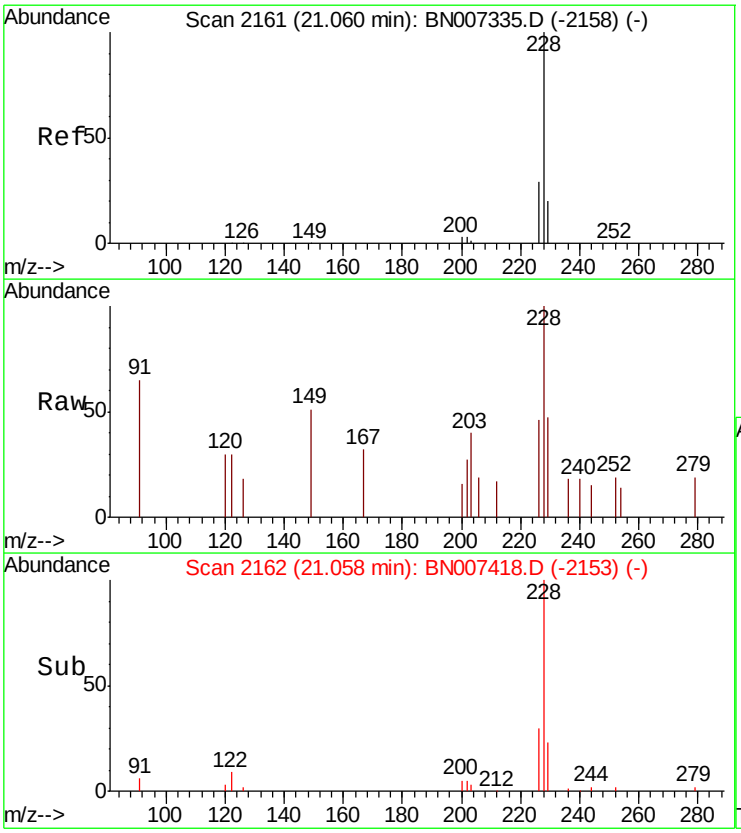
#30
Benzo(a)anthracene
Concen: 0.240 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion:228 Resp: 19022

Ion	Ratio	Lower	Upper
228	100		
226	41.3	21.3	31.9#
229	38.7	16.1	24.1#

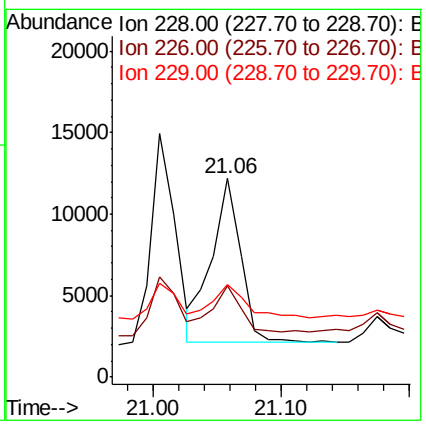


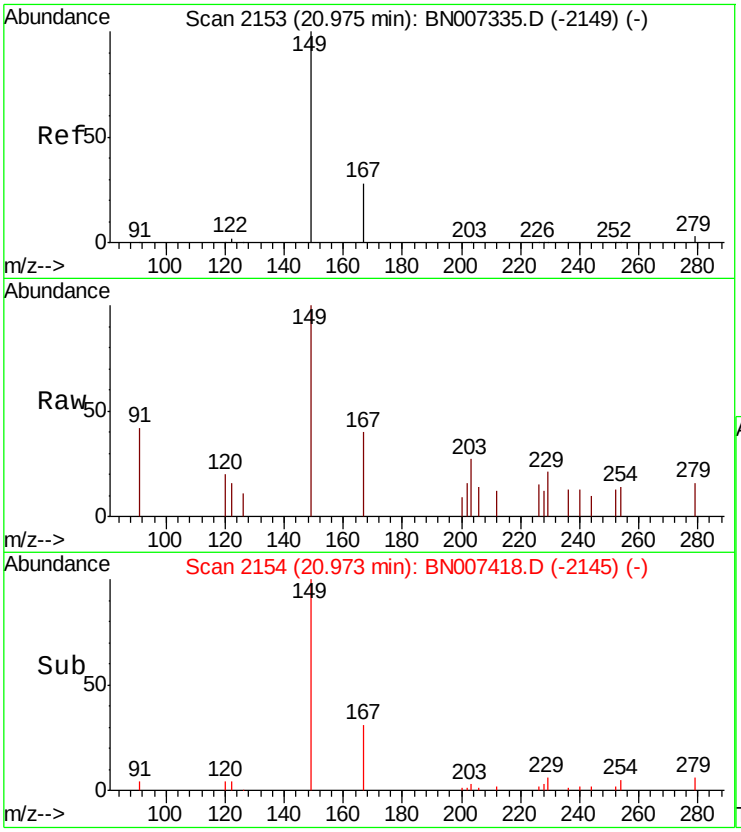


#31
Chrysene
Concen: 0.207 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:228 Resp: 15874

Ion	Ratio	Lower	Upper
228	100		
226	45.7	23.5	35.3#
229	46.8	16.6	24.8#



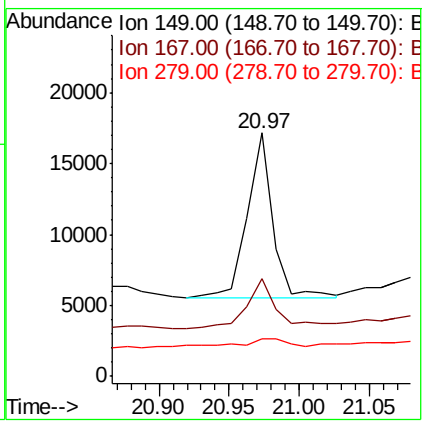


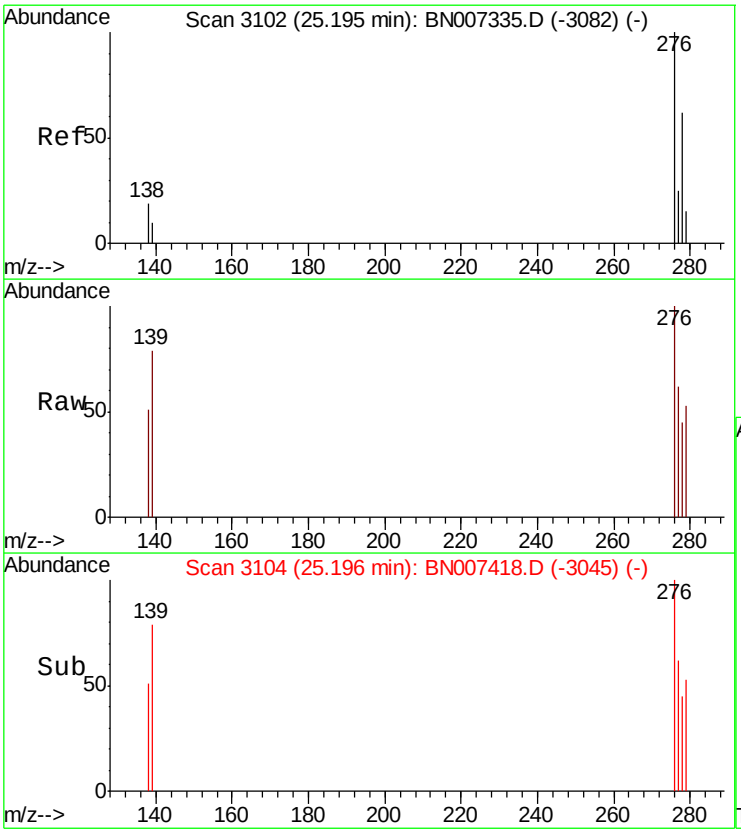
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.262 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion:149 Resp: 14417

Ion	Ratio	Lower	Upper
149	100		
167	36.2	22.8	34.2#
279	8.9	3.5	5.3#

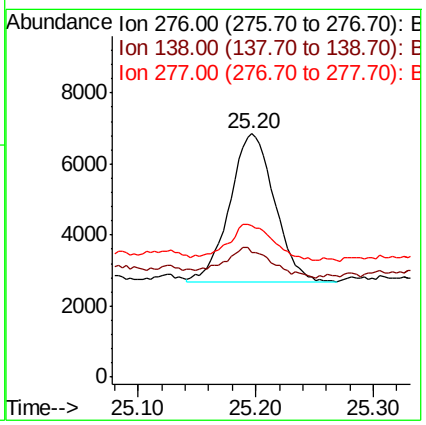


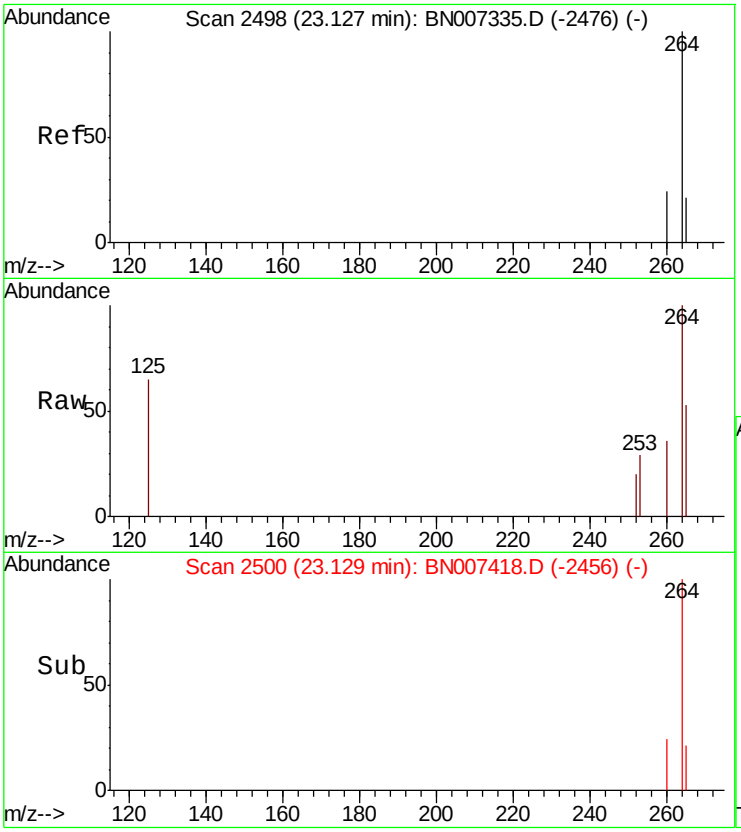


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.119 ng
RT: 25.20 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:276 Resp: 10964

Ion	Ratio	Lower	Upper
276	100		
138	21.5	15.1	22.7
277	23.5	19.7	29.5



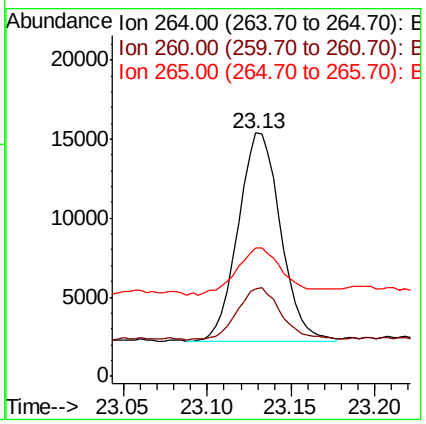


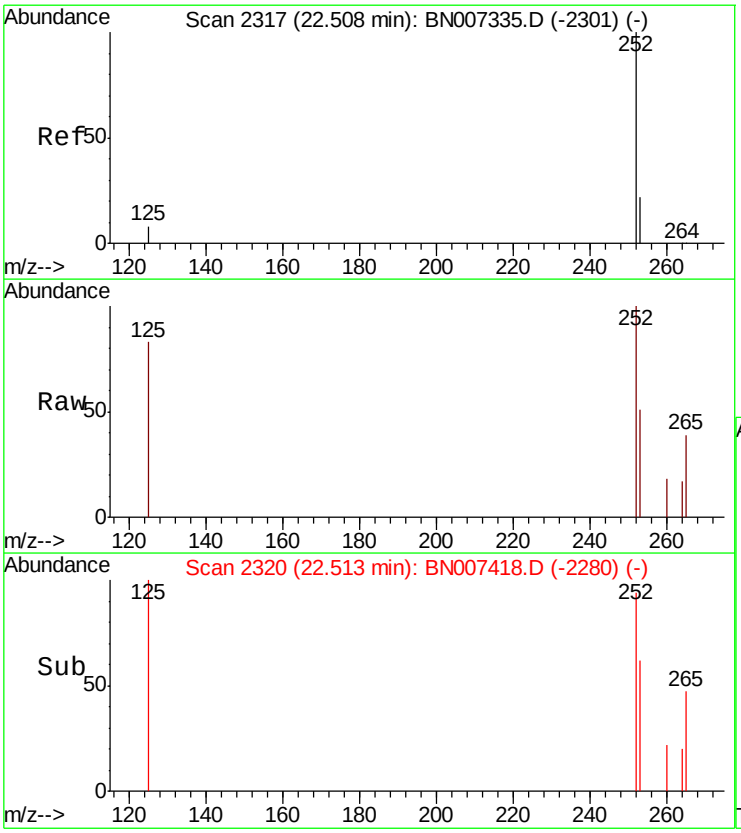
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2500
Delta R.T. 0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion:264 Resp: 23399

Ion	Ratio	Lower	Upper
264	100		
260	36.2	19.7	29.5#
265	52.8	29.9	44.9#

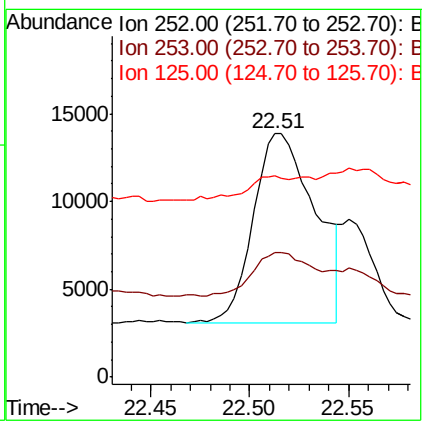


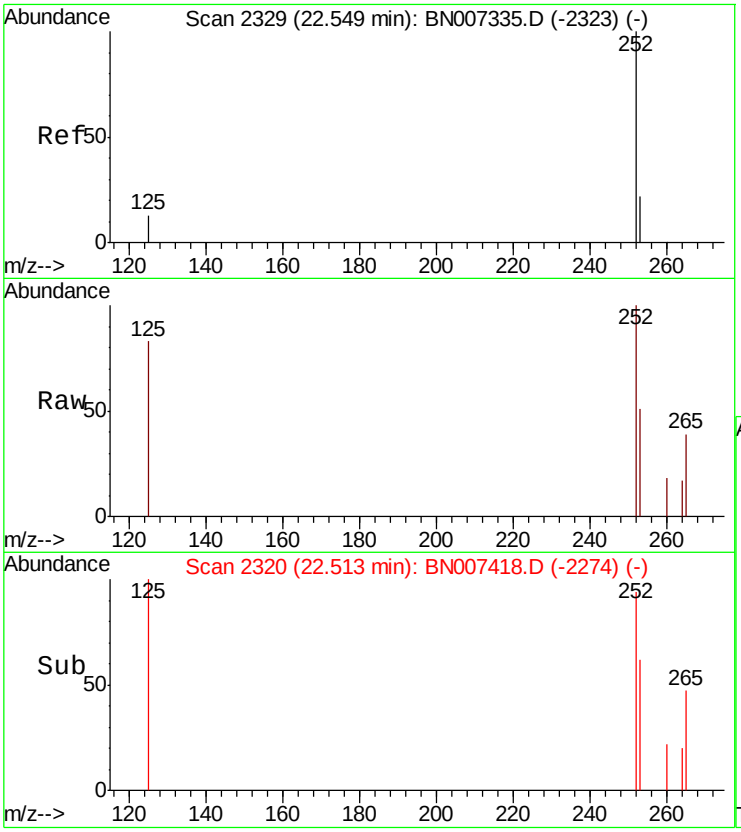


#35
Benzo(b)fluoranthene
Concen: 0.279 ng
RT: 22.51 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:252 Resp: 23644

Ion	Ratio	Lower	Upper
252	100		
253	51.3	19.2	28.8#
125	82.6	10.6	16.0#



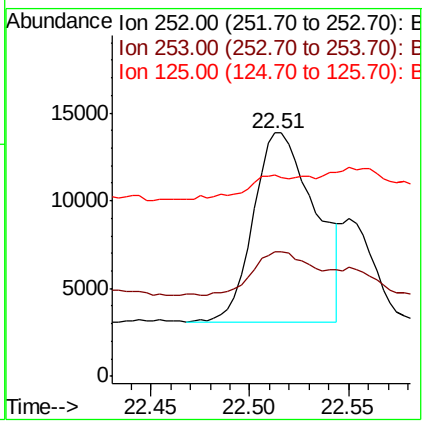


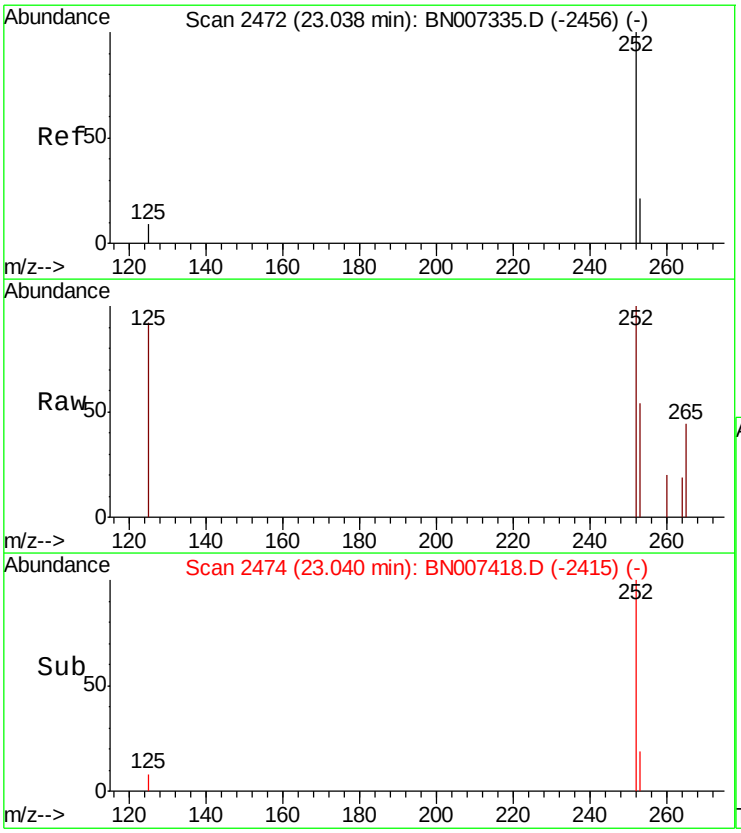
#36
Benzo(k)fluoranthene
Concen: 0.282 ng
RT: 22.51 min Scan# 2320
Delta R.T. -0.04 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion:252 Resp: 23644

Ion	Ratio	Lower	Upper
252	100		
253	51.3	19.4	29.2#
125	82.6	13.1	19.7#

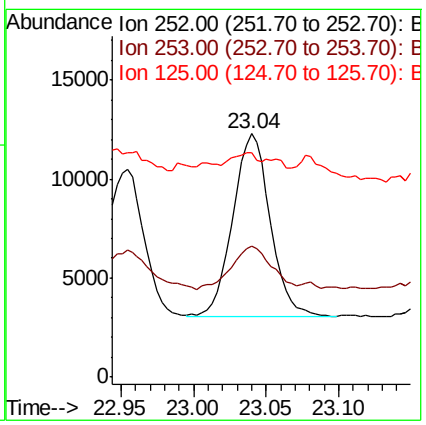


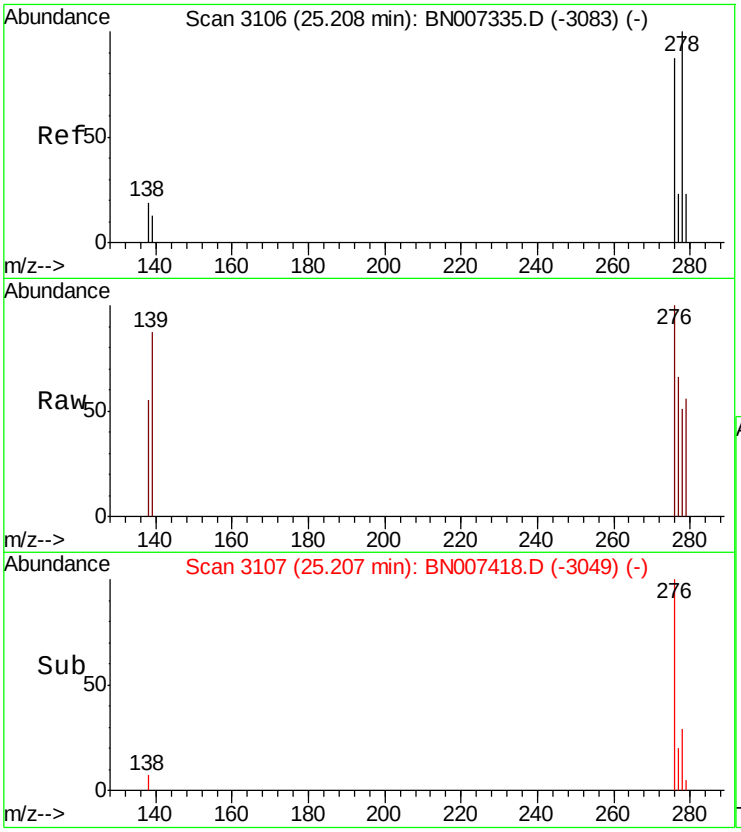


#37
Benzo(a)pyrene
Concen: 0.204 ng
RT: 23.04 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:252 Resp: 16472

Ion	Ratio	Lower	Upper
252	100		
253	53.7	19.5	29.3#
125	92.2	12.1	18.1#



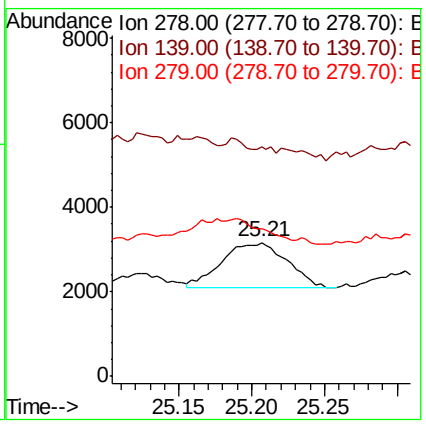


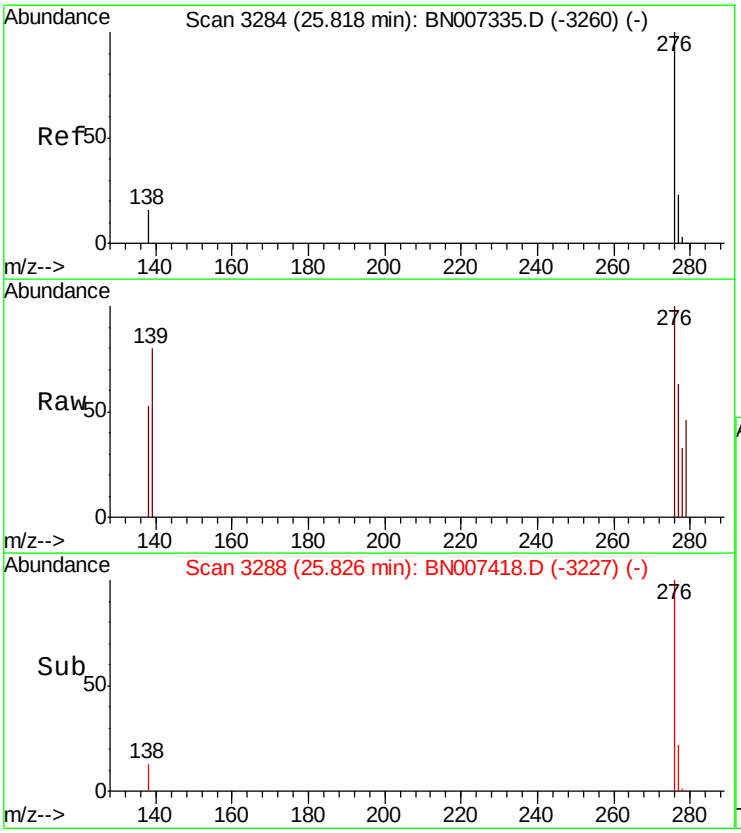
#38
Dibenzo(a,h)anthracene
Concen: 0.041 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Instrument :
BNA_N
ClientSampleId :
S301A-J-1.5-2.0-082319

Tgt Ion:278 Resp: 3318

Ion	Ratio	Lower	Upper
278	100		
139	171.6	13.7	20.5#
279	110.9	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 0.151 ng
RT: 25.83 min Scan# 3288
Delta R.T. 0.01 min
Lab File: BN007418.D
Acq: 26 Aug 2019 20:13

Tgt Ion:276 Resp: 12116

Ion	Ratio	Lower	Upper
276	100		
277	63.2	19.6	29.4#
138	52.9	16.3	24.5#