Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007383.D
Acq On : 25 Aug 2019 04:18
Operator : HP/JU
Sample : K4440-05DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S302-J-2.0-2.5-082019-FDDL

Quant Time: Aug 25 05:26:11 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	6882	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	28233	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	14257	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	29603	0.40	ng		0.00
27) Chrysene-d12	21.02	240	31249	0.40	ng		0.00
34) Perylene-d12	23.12	264	34780	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	1083	0.02	ng		0.00
5) Phenol-d6	6.59	99	1430	0.02	ng		0.00
8) Nitrobenzene-d5	8.54	82	867	0.04	ng		0.01
11) 2-Methylnaphthalene-d10	11.76	152	1737	0.04	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	265	0.04	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	2063	0.04	ng		0.00
25) Fluoranthene-d10	18.84	212	3545	0.04	ng		0.00
29) Terphenyl-d14	19.46	244	2542	0.03	ng		0.00
Target Compounds							Qvalue
23) Phenanthrene	16.84	178	3813	0.043	ng		99
26) Fluoranthene	18.87	202	14542	0.127	ng		99
28) Pyrene	19.24	202	13581	0.108	ng	#	94
30) Benzo(a)anthracene	21.00	228	9147	0.075	ng	#	87
31) Chrysene	21.05	228	6964	0.059	ng	#	88
32) Bis(2-ethylhexyl)phthalate	20.96	149	4674	0.040	ng	#	97
33) Indeno(1,2,3-cd)pyrene	25.18	276	5332	0.037	ng	#	81
35) Benzo(b)fluoranthene	22.51	252	10761	0.085	ng	#	76
36) Benzo(k)fluoranthene	22.51	252	10761	0.086	ng	#	79
37) Benzo(a)pyrene	23.03	252	7484	0.062	ng	#	73
39) Benzo(g,h,i)perylene	25.81	276	5994	0.050	ng	#	81

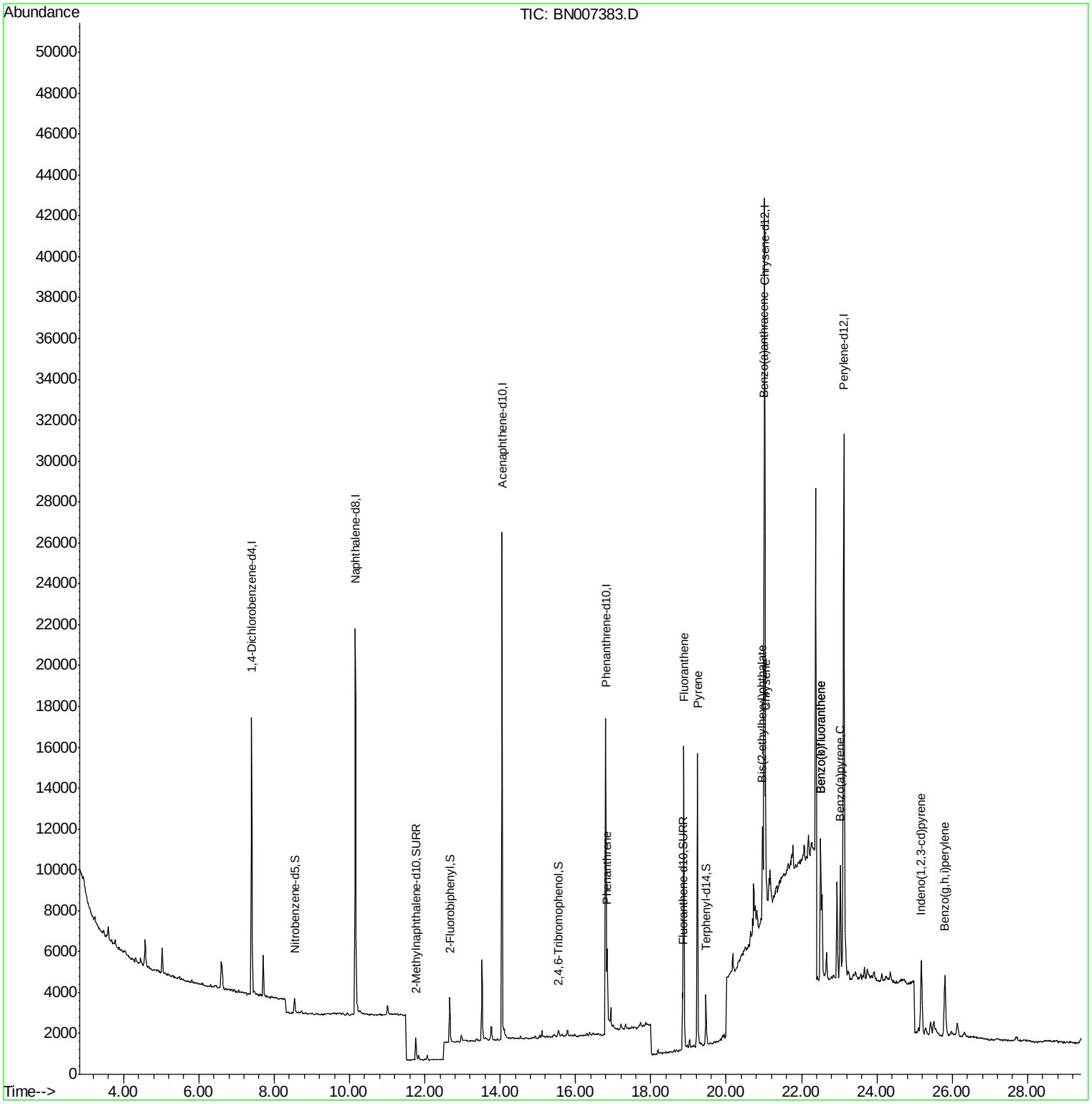
(#) = qualifier out of range (m) = manual integration (+) = signals summed

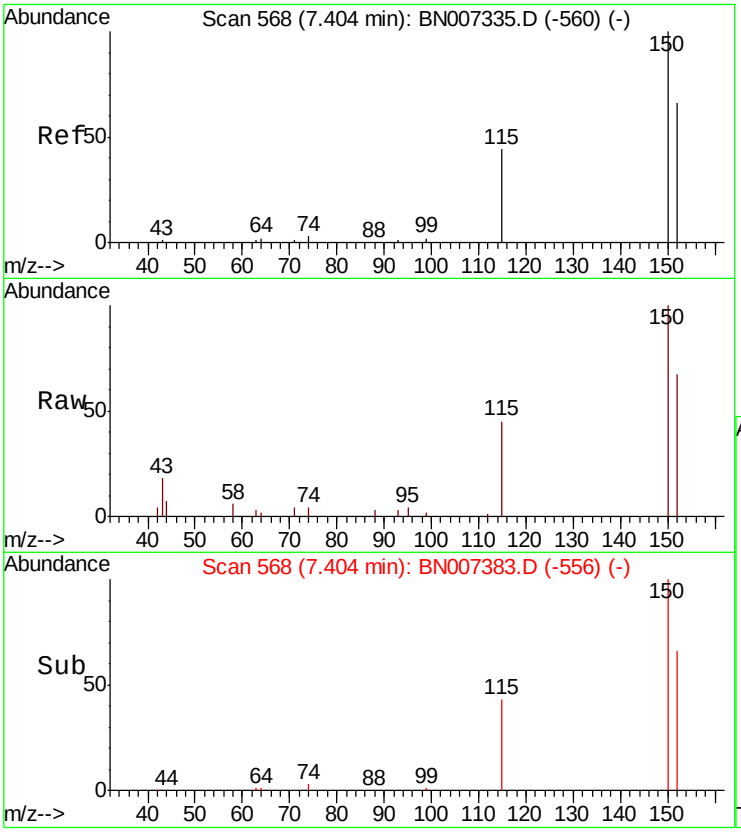
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007383.D
Acq On : 25 Aug 2019 04:18
Operator : HP/JU
Sample : K4440-05DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Quant Time: Aug 25 05:26:11 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



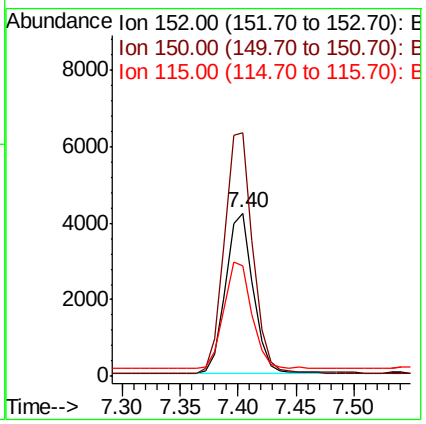


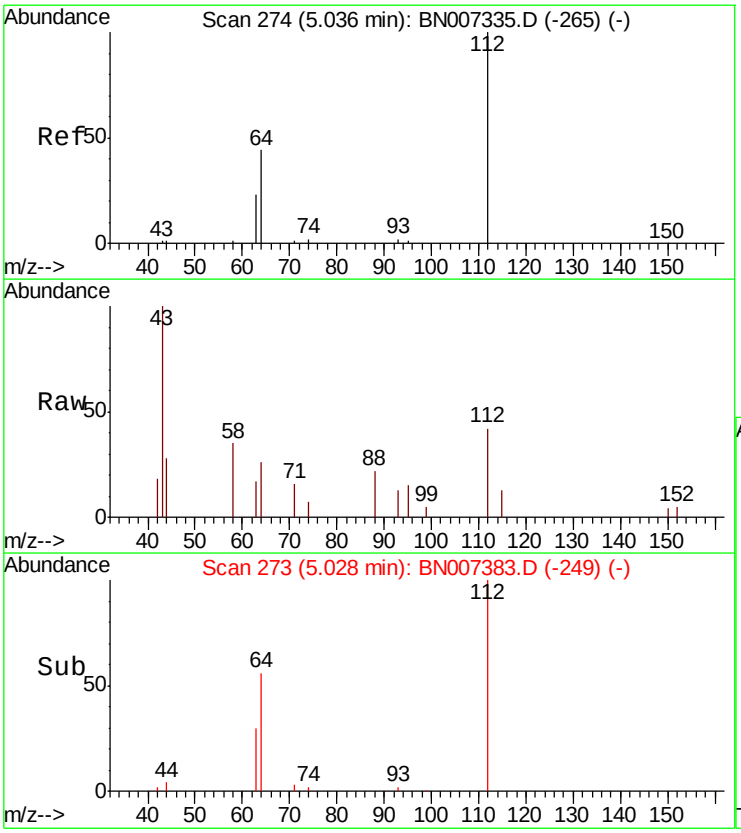
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Tgt Ion:152 Resp: 6882

Ion	Ratio	Lower	Upper
152	100		
150	149.3	109.1	163.7
115	67.4	59.6	89.4

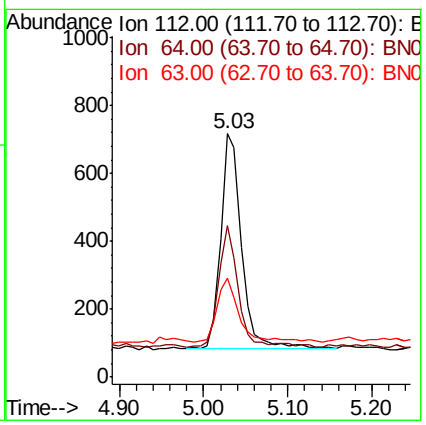


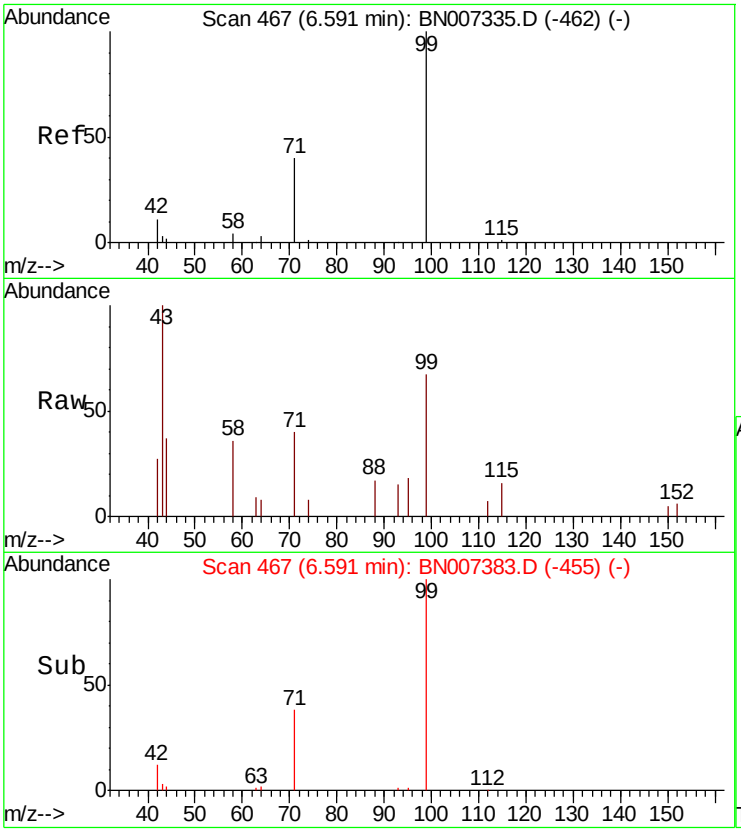


#4
2-Fluorophenol
Concen: 0.019 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Tgt Ion:112 Resp: 1083

Ion	Ratio	Lower	Upper
112	100		
64	51.2	42.3	63.5
63	28.7	23.6	35.4



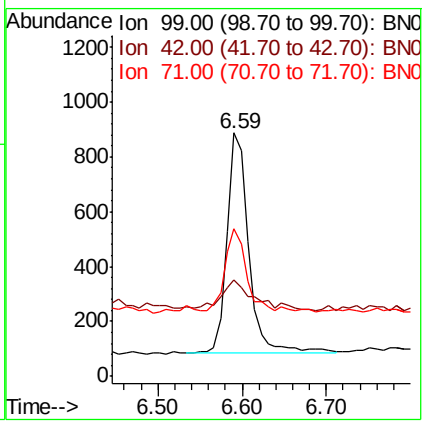


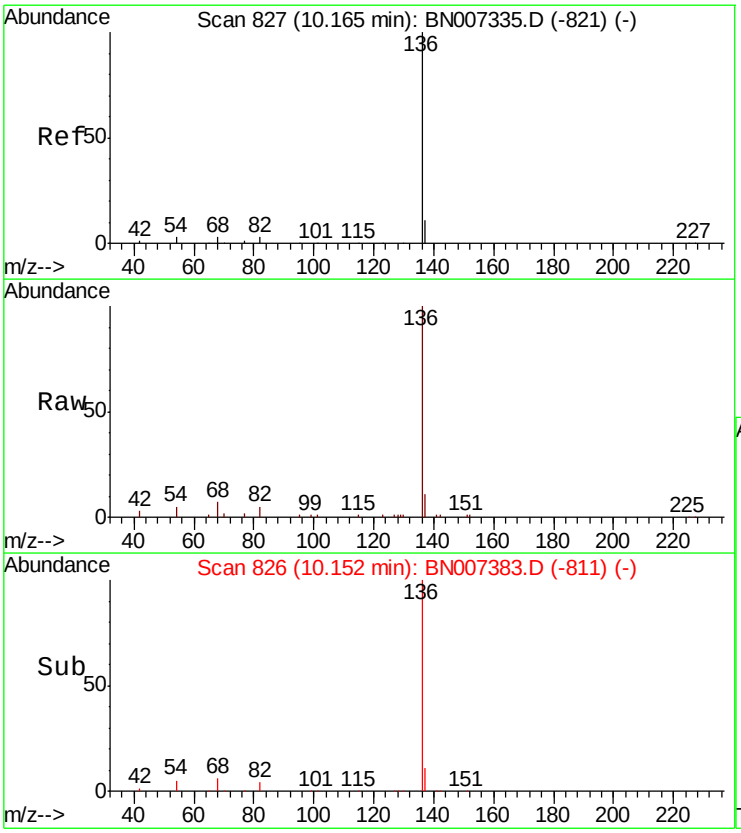
#5
Phenol-d6
Concen: 0.018 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Tgt Ion: 99 Resp: 1430

Ion	Ratio	Lower	Upper
99	100		
42	22.5	11.2	16.8#
71	35.6	31.8	47.8

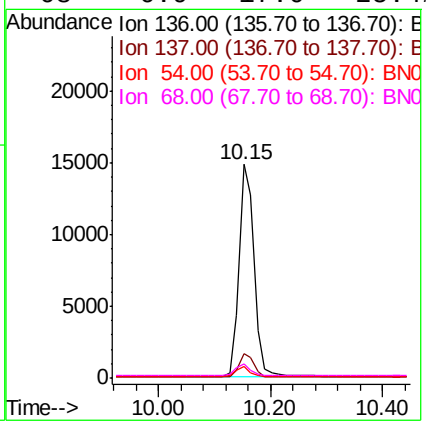


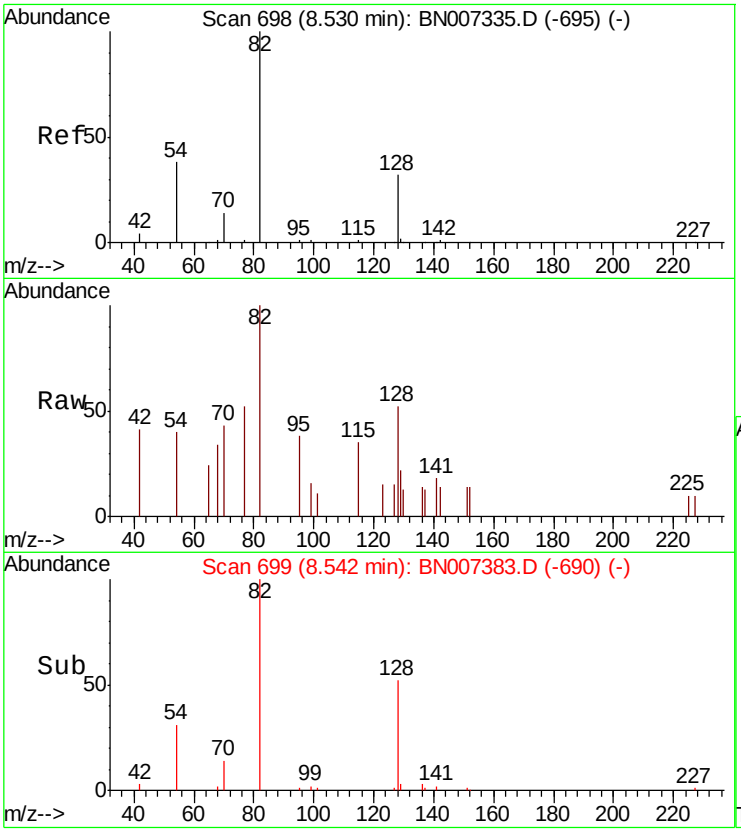


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Tgt Ion:136 Resp: 28233

Ion	Ratio	Lower	Upper
136	100		
137	11.2	12.9	19.3#
54	5.5	8.6	12.8#
68	6.9	17.0	25.4#



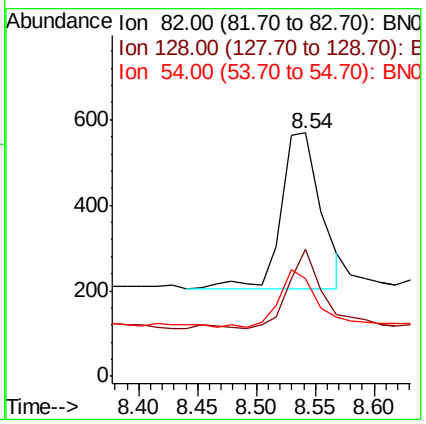


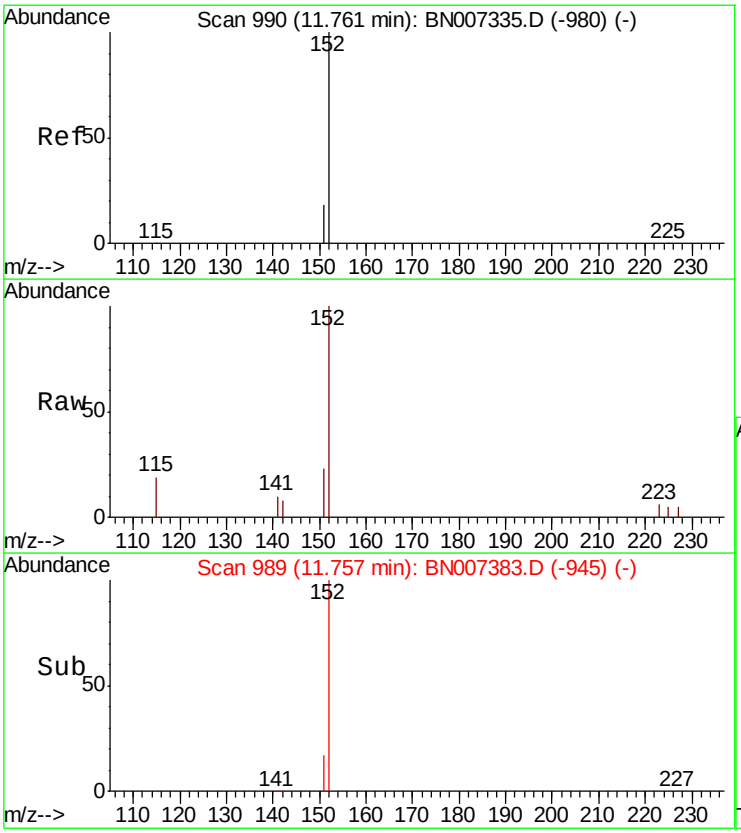
#8
Nitrobenzene-d5
Concen: 0.035 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.01 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Tgt Ion: 82 Resp: 867

Ion	Ratio	Lower	Upper
82	100		
128	52.4	19.7	29.5#
54	40.2	25.8	38.6#

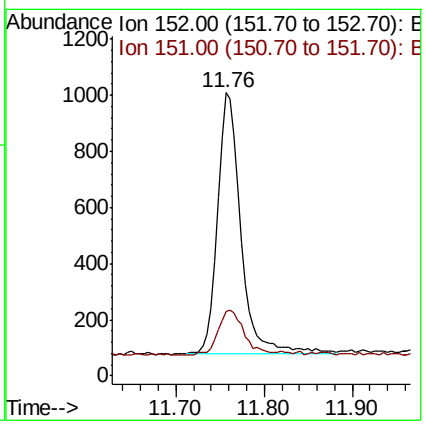


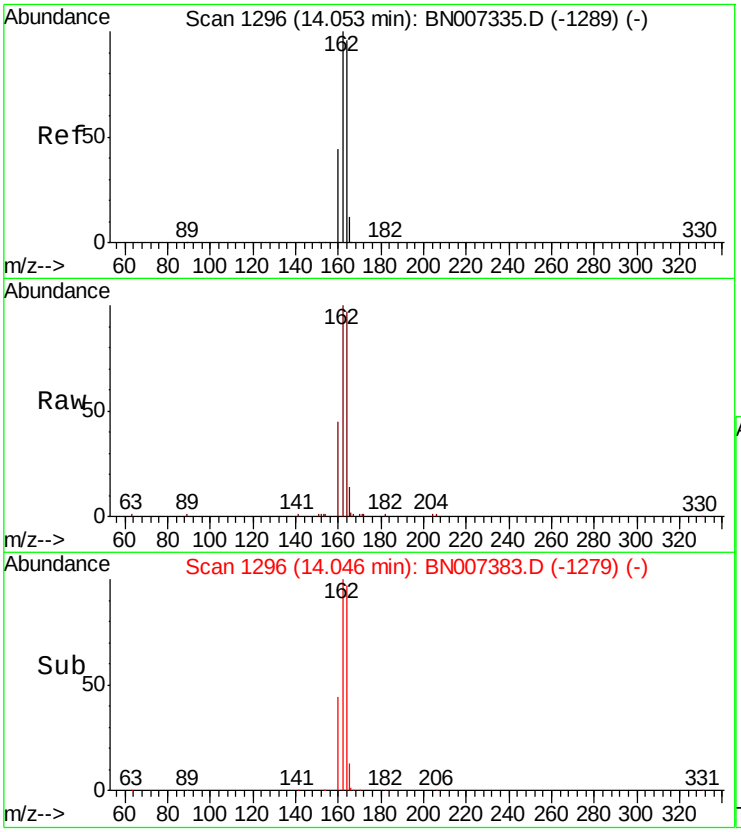


#11
2-Methylnaphthalene-d10
Concen: 0.037 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Tgt Ion:152 Resp: 1737

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.2



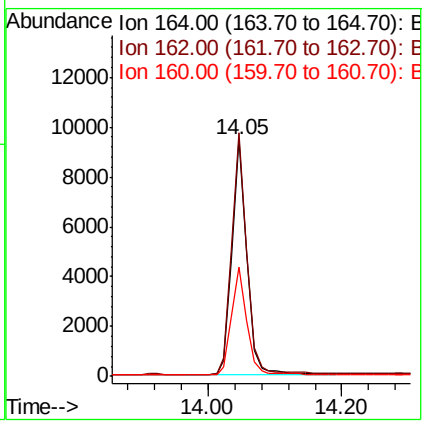


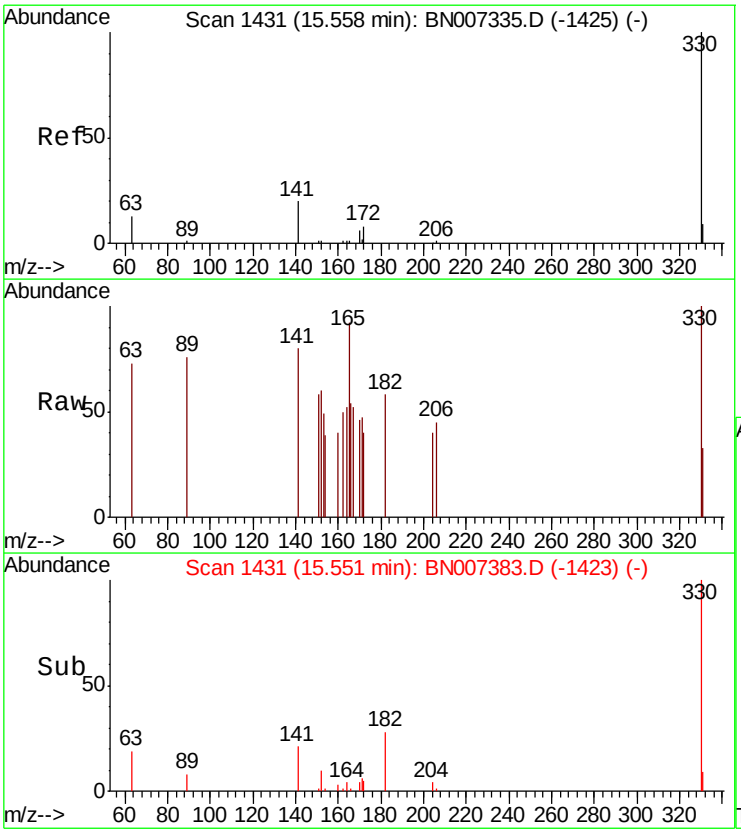
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Tgt Ion:164 Resp: 14257

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.5	125.3
160	46.1	38.2	57.4

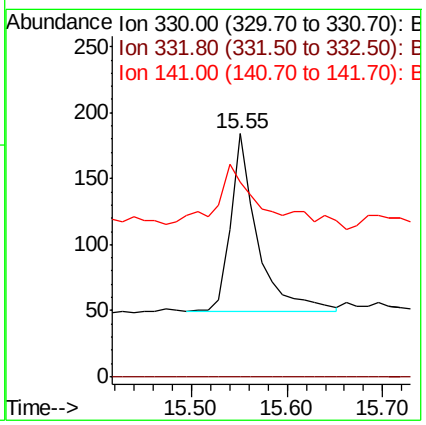


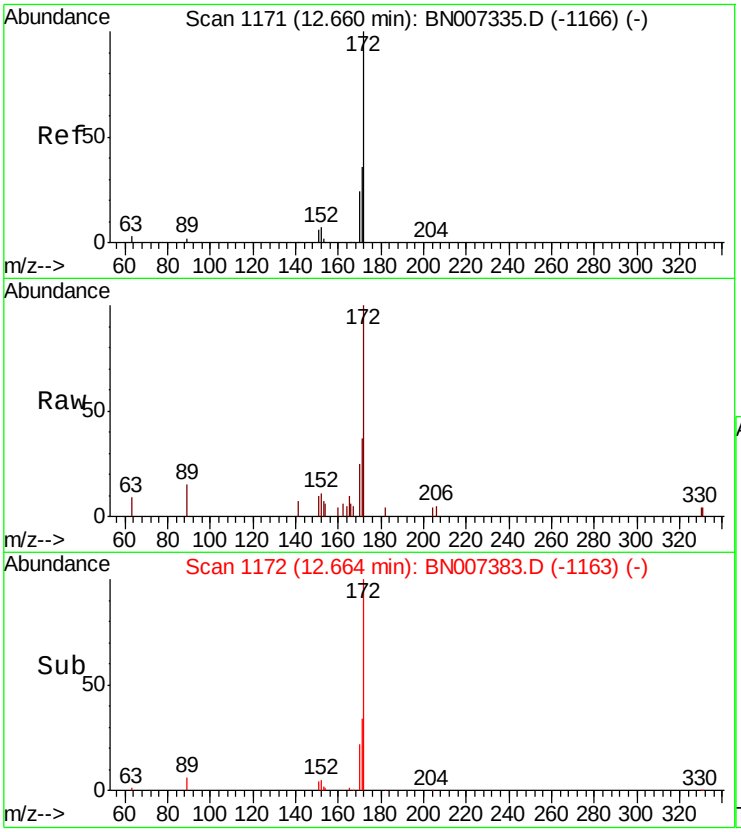


#14
2,4,6-Tribromophenol
Concen: 0.036 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Tgt Ion:330 Resp: 265

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	67.2	26.9	40.3#



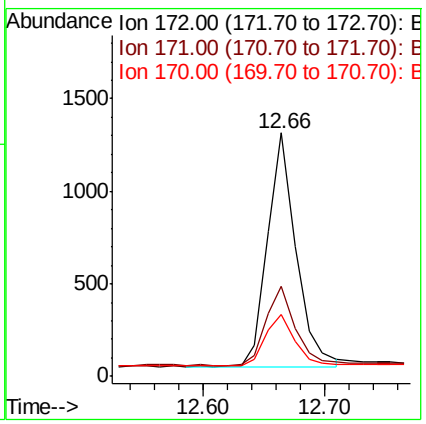


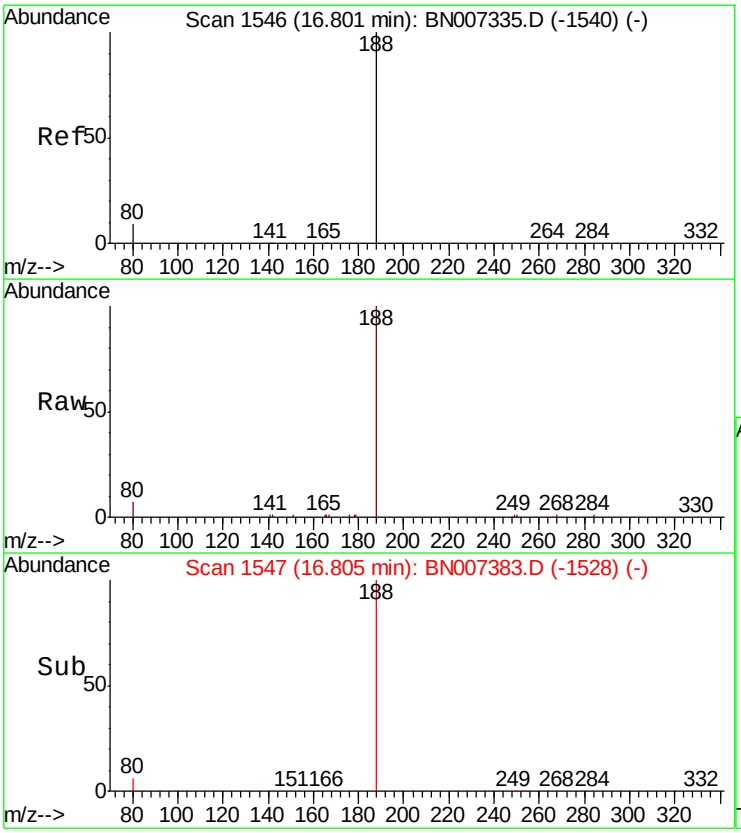
#15
2-Fluorobiphenyl
Concen: 0.036 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Tgt Ion:172 Resp: 2063

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.3	45.5
170	25.4	20.7	31.1

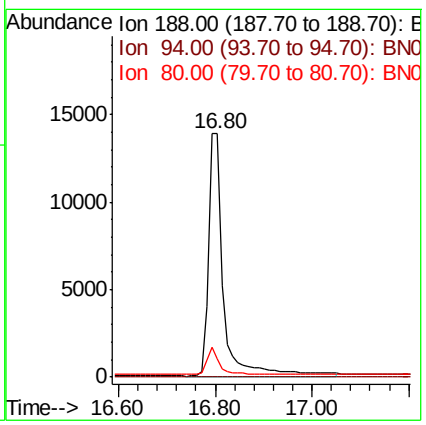


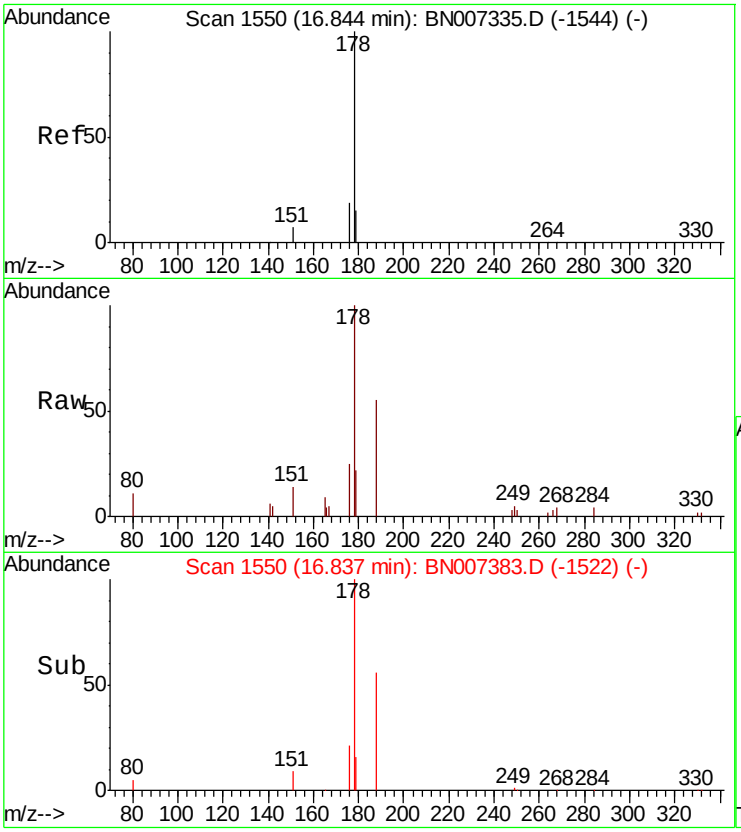


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Tgt Ion:188 Resp: 29603

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	11.8	17.8#



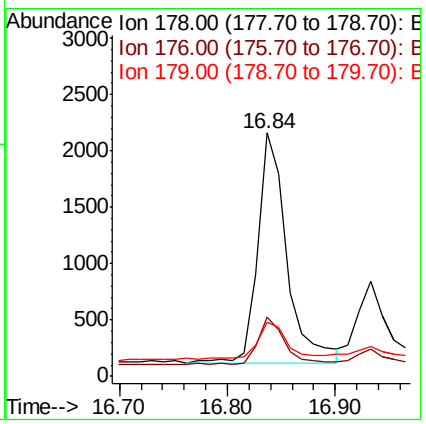


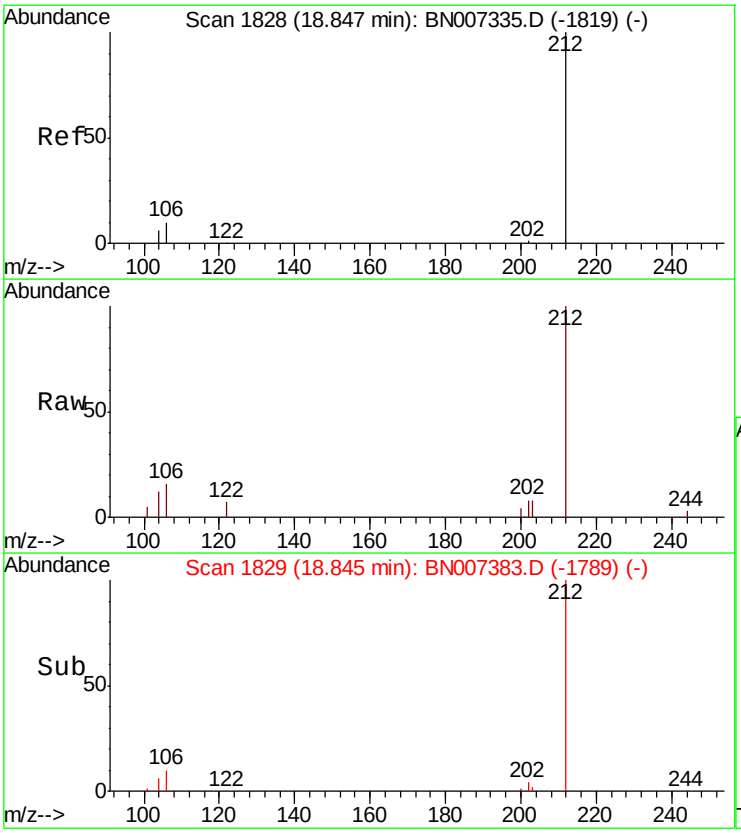
#23
Phenanthrene
Concen: 0.043 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Tgt Ion:178 Resp: 3813

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	16.9	12.6	19.0

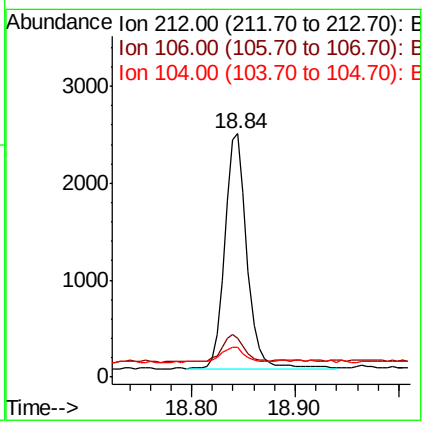


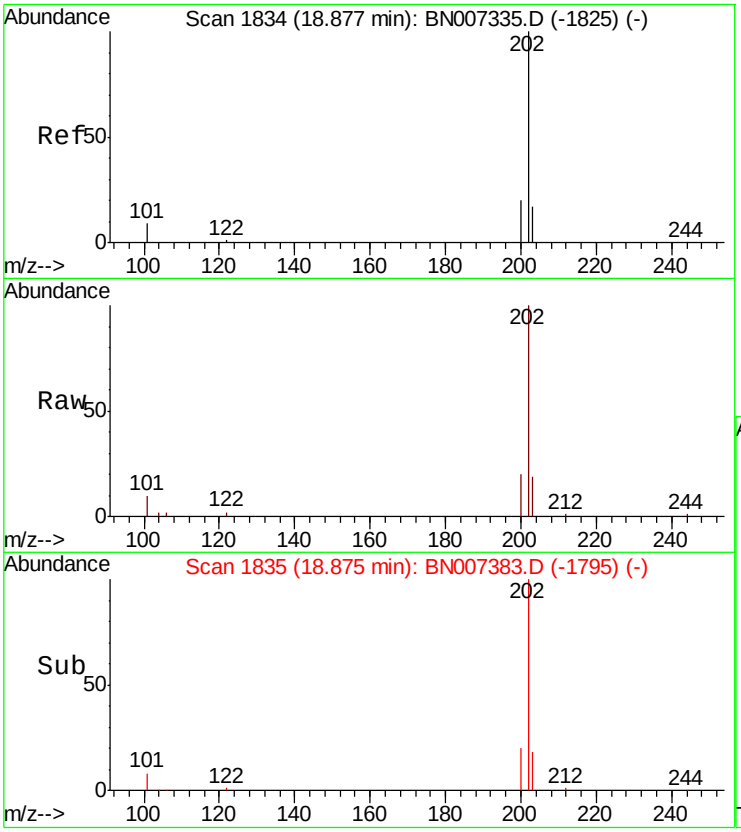


#25
Fluoranthene-d10
Concen: 0.037 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Tgt Ion:212 Resp: 3545

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.0	13.4
104	7.0	5.4	8.2



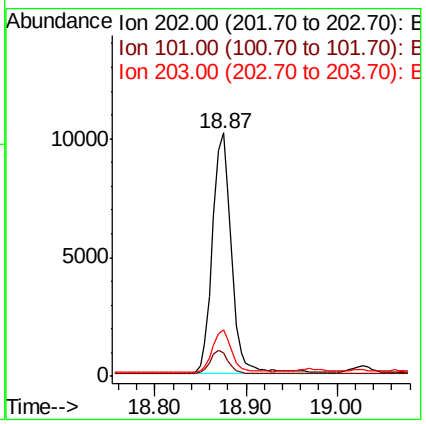


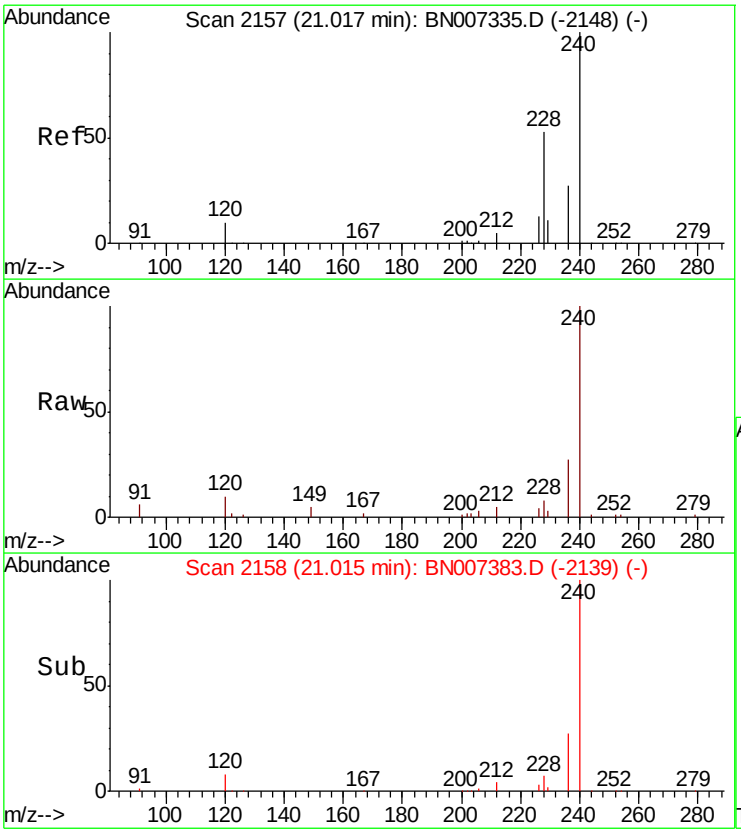
#26
Fluoranthene
Concen: 0.127 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Tgt Ion:202 Resp: 14542

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.7	11.5
203	17.5	13.7	20.5

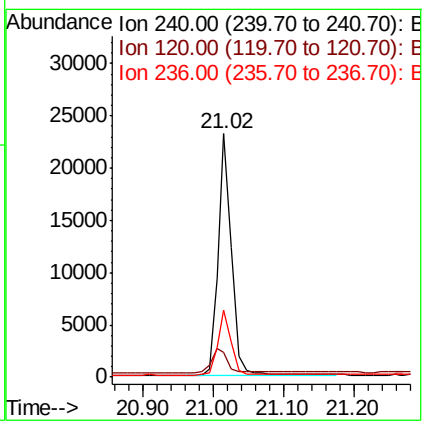


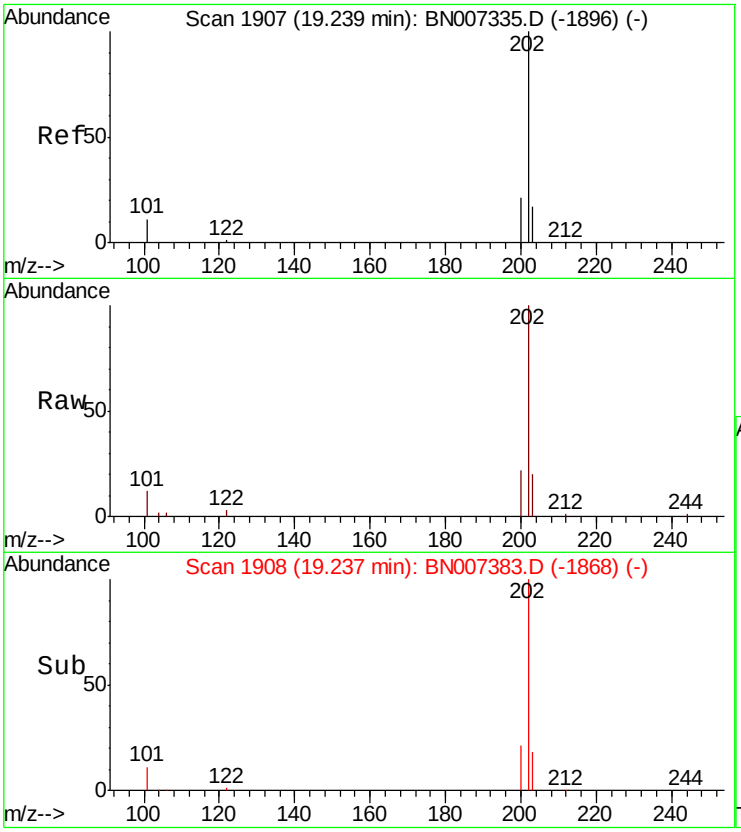


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Tgt Ion:240 Resp: 31249

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.6	14.4
236	27.4	22.2	33.2



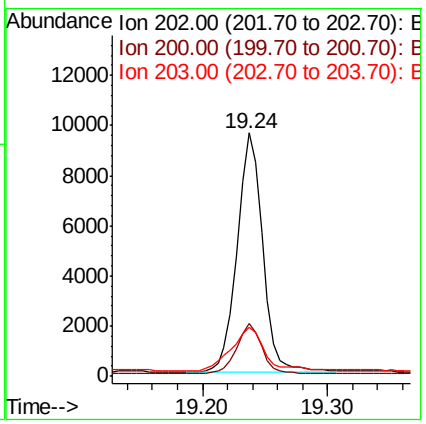


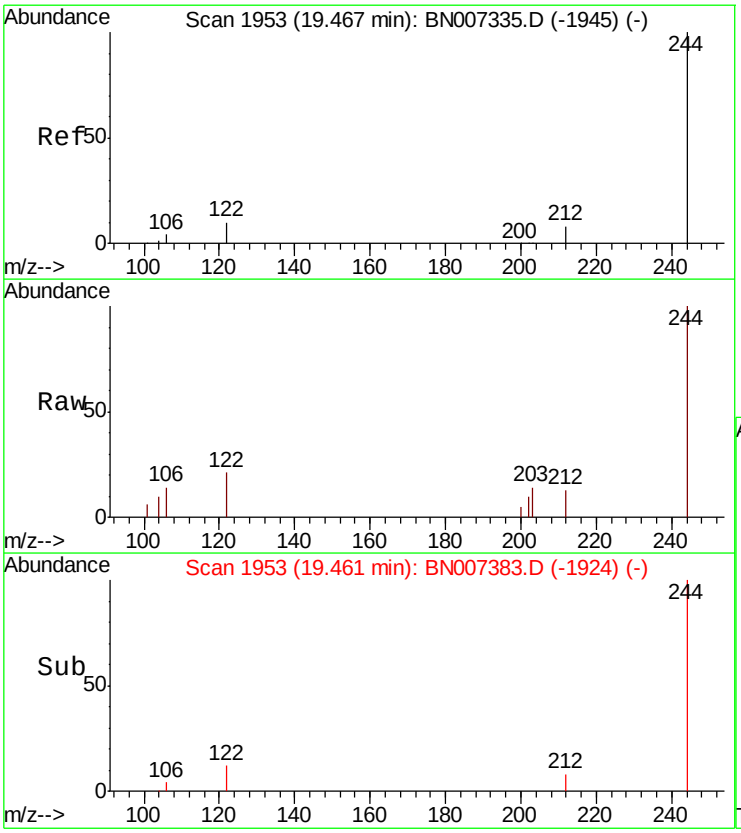
#28
Pyrene
Concen: 0.108 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Tgt Ion:202 Resp: 13581

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	23.9	14.2	21.4#

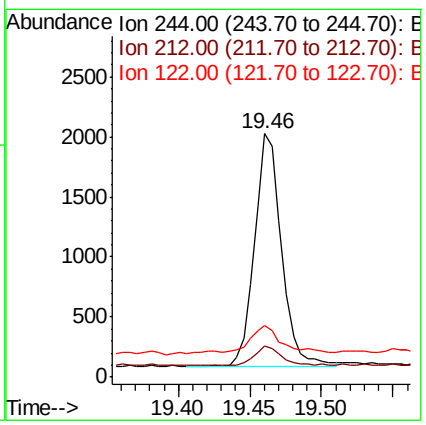


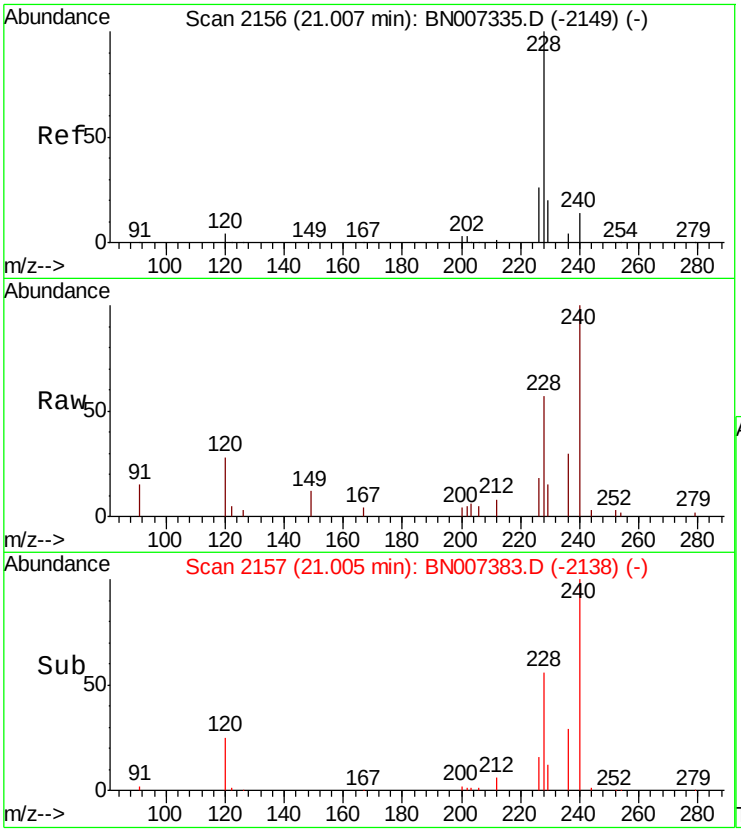


#29
Terphenyl-d14
Concen: 0.031 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Tgt Ion:244 Resp: 2542

Ion	Ratio	Lower	Upper
244	100		
212	12.5	7.0	10.6#
122	21.0	9.6	14.4#



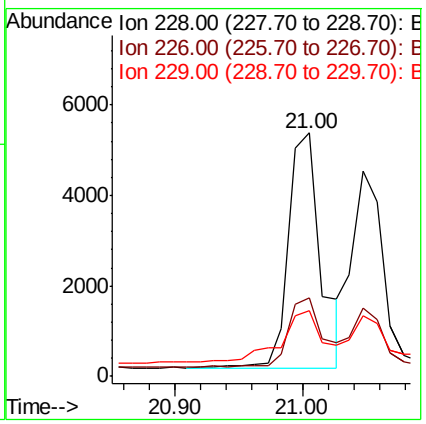


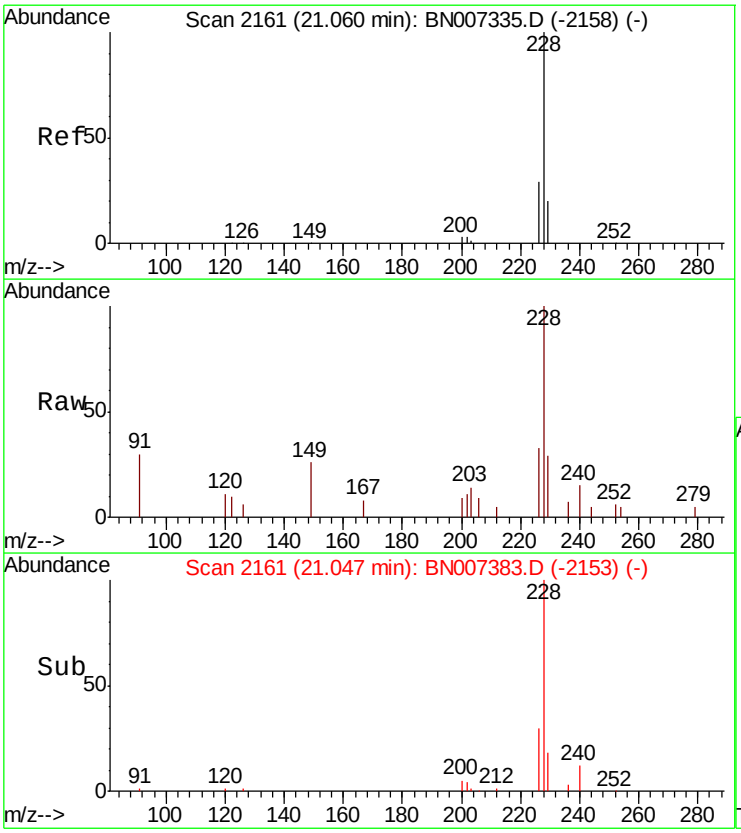
#30
Benzo(a)anthracene
Concen: 0.075 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Tgt Ion:228 Resp: 9147

Ion	Ratio	Lower	Upper
228	100		
226	32.1	21.3	31.9#
229	27.1	16.1	24.1#

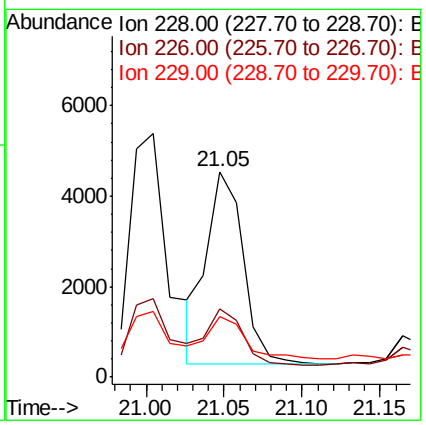


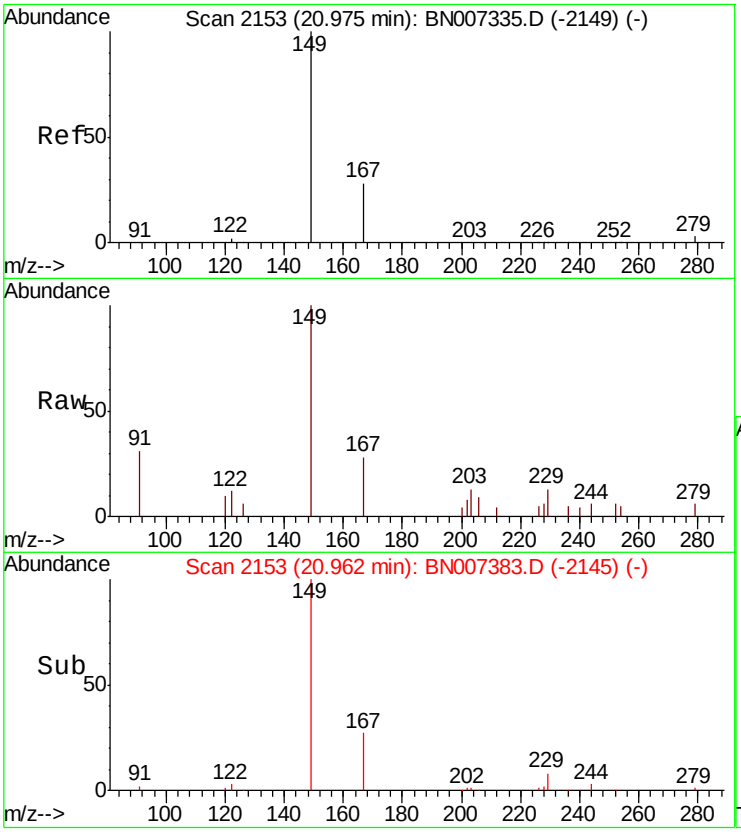


#31
Chrysene
Concen: 0.059 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Tgt Ion:228 Resp: 6964

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.5	35.3
229	29.2	16.6	24.8#



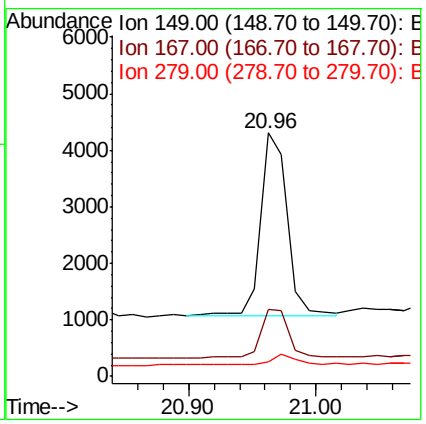


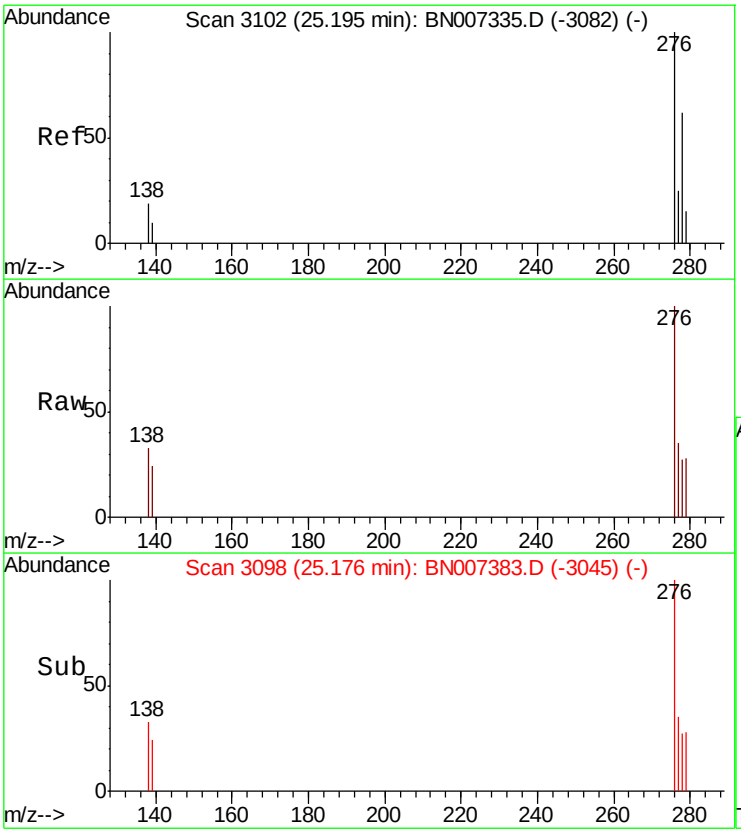
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.040 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Tgt Ion:149 Resp: 4674

Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.8	34.2
279	6.2	3.5	5.3#

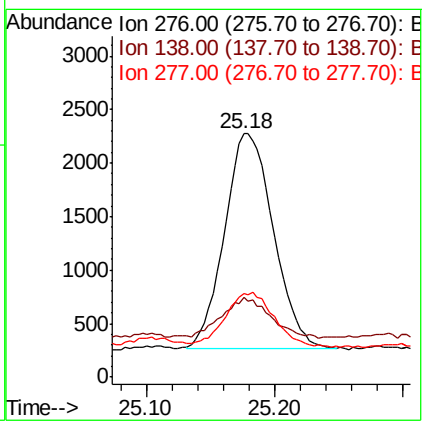


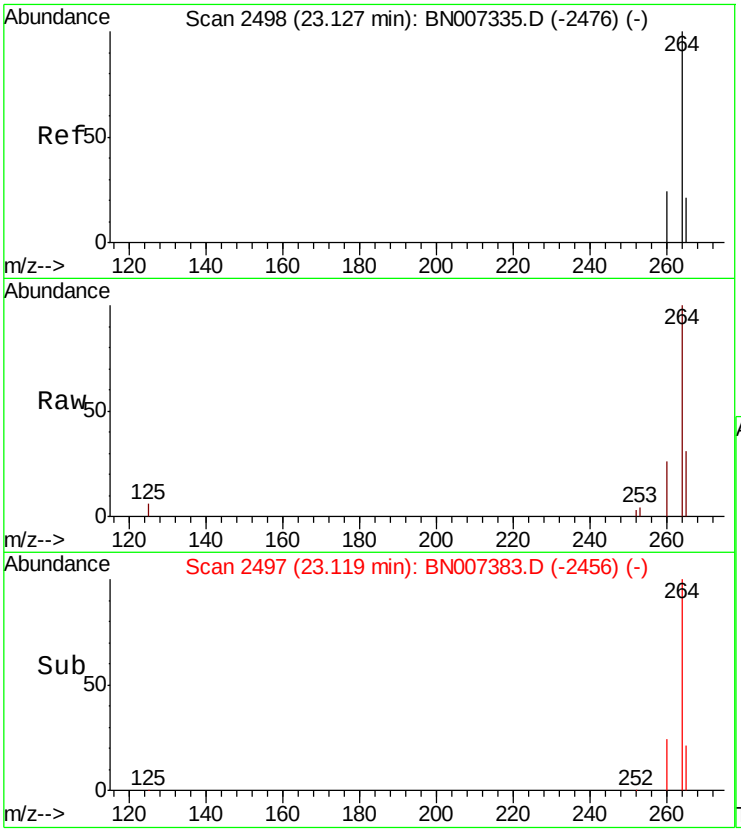


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng
RT: 25.18 min Scan# 3098
Delta R.T. -0.02 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Tgt Ion:276 Resp: 5332

Ion	Ratio	Lower	Upper
276	100		
138	0.0	15.1	22.7#
277	25.0	19.7	29.5



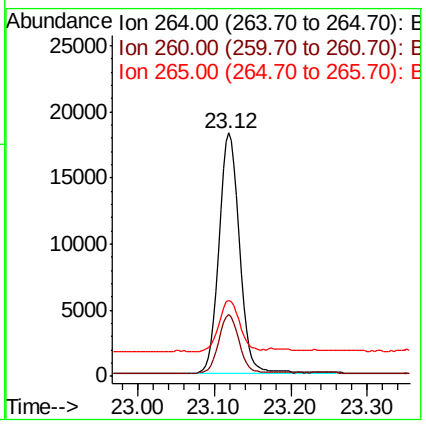


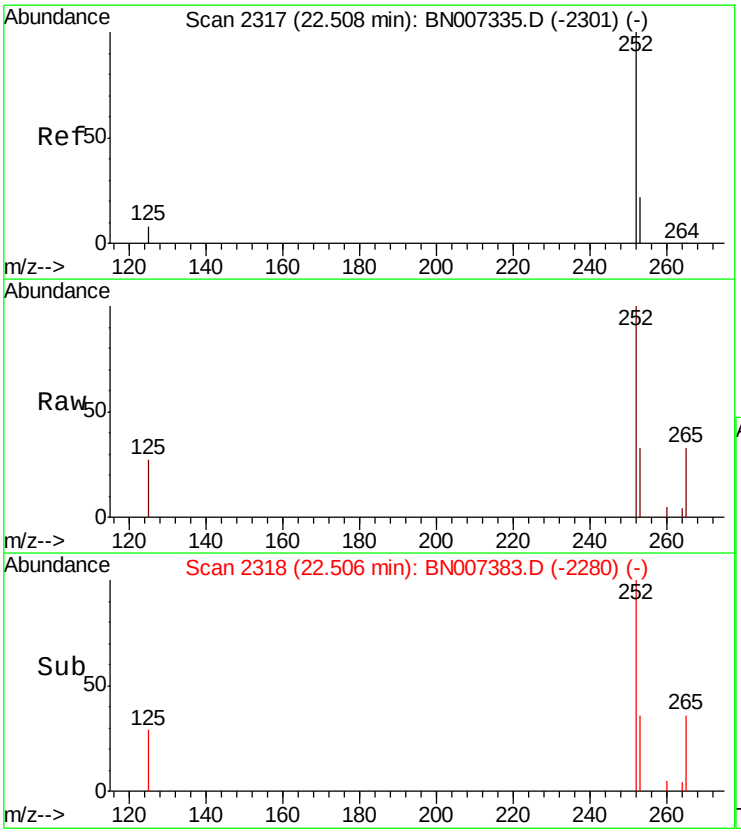
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Tgt Ion:264 Resp: 34780

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.7	29.5
265	31.3	29.9	44.9

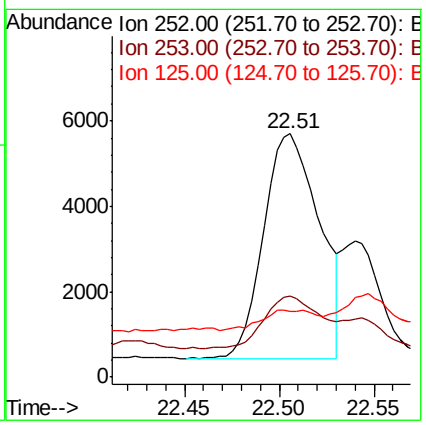


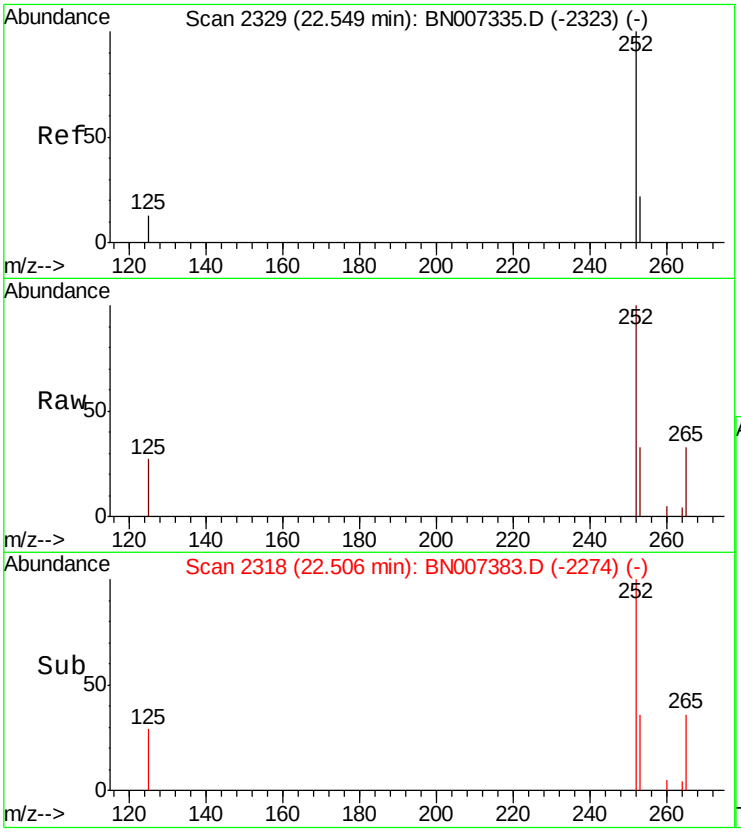


#35
Benzo(b)fluoranthene
Concen: 0.085 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Tgt Ion:252 Resp: 10761

Ion	Ratio	Lower	Upper
252	100		
253	33.3	19.2	28.8#
125	27.2	10.6	16.0#



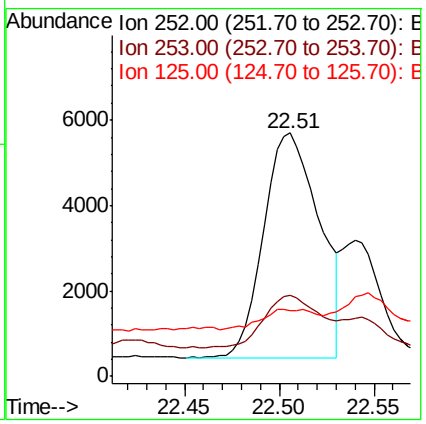


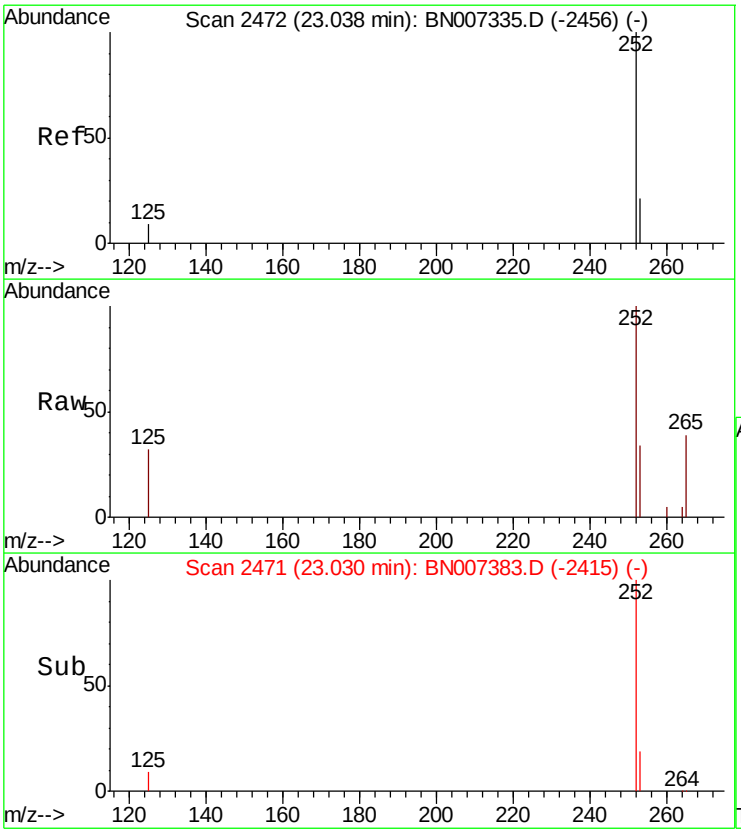
#36
Benzo(k)fluoranthene
Concen: 0.086 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.04 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Tgt Ion:252 Resp: 10761

Ion	Ratio	Lower	Upper
252	100		
253	33.3	19.4	29.2#
125	27.2	13.1	19.7#

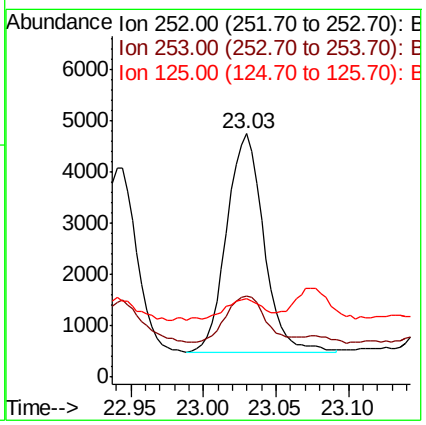


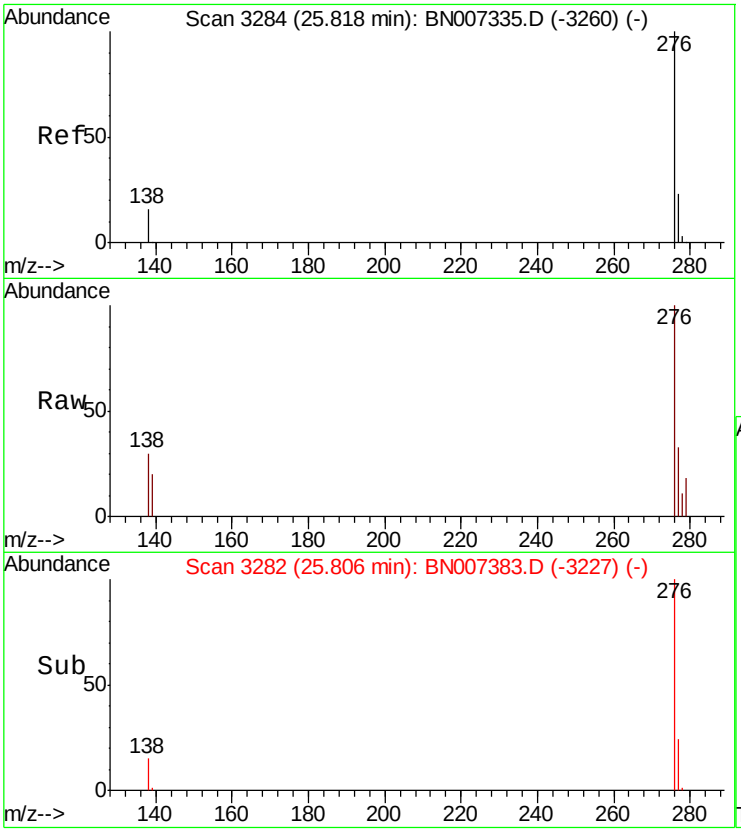


#37
Benzo(a)pyrene
Concen: 0.062 ng
RT: 23.03 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Tgt Ion:252 Resp: 7484

Ion	Ratio	Lower	Upper
252	100		
253	33.6	19.5	29.3#
125	32.2	12.1	18.1#





#39
Benzo(g,h,i)perylene
Concen: 0.050 ng
RT: 25.81 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN007383.D
Acq: 25 Aug 2019 04:18

Instrument :
BNA_N
ClientSampleId :
S302-J-2.0-2.5-082019-FDDL

Tgt Ion:276 Resp: 5994

Ion	Ratio	Lower	Upper
276	100		
277	33.5	19.6	29.4#
138	30.2	16.3	24.5#