Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007285.D
Acq On : 21 Aug 2019 09:39
Operator : HP/JU
Sample : K4409-10 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 21 12:27:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	4868	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	17911	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	9953	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	22950	0.40	ng		-0.01
27) Chrysene-d12	21.03	240	23853	0.40	ng		0.00
34) Perylene-d12	23.13	264	25465	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	743	0.05	ng		0.00
5) Phenol-d6	6.60	99	965	0.04	ng		0.00
8) Nitrobenzene-d5	8.54	82	727	0.05	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	1591	0.05	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	250	0.04	ng		0.00
15) 2-Fluorobiphenyl	12.67	172	2168	0.05	ng		0.00
25) Fluoranthene-d10	18.85	212	3340	0.05	ng		0.00
29) Terphenyl-d14	19.47	244	2717	0.05	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.26	42	229	0.049	ng	#	1
9) Naphthalene	10.22	128	2941	0.058	ng	#	90
12) 2-Methylnaphthalene	11.84	142	829	0.024	ng	#	90
16) Acenaphthylene	13.77	152	4683	0.089	ng		98
17) Acenaphthene	14.12	154	2356	0.070	ng		97
18) Fluorene	15.11	166	2054	0.047	ng		97
23) Phenanthrene	16.84	178	45108	0.627	ng		99
24) Anthracene	16.94	178	18349	0.283	ng		98
26) Fluoranthene	18.88	202	237399	2.725	ng		100
28) Pyrene	19.24	202	211625	2.373	ng	#	95
30) Benzo(a)anthracene	21.01	228	163185	1.840	ng		96
31) Chrysene	21.06	228	125874	1.391	ng		98
32) Bis(2-ethylhexyl)phthalate	20.99	149	3969	0.112	ng		98
33) Indeno(1,2,3-cd)pyrene	25.20	276	89465	0.821	ng		97
35) Benzo(b)fluoranthene	22.52	252	193228	2.035	ng		99
36) Benzo(k)fluoranthene	22.52	252	193228	2.078	ng		99
37) Benzo(a)pyrene	23.05	252	137745	1.610	ng		98
38) Dibenzo(a,h)anthracene	25.21	278	22529	0.251	ng		94
39) Benzo(g,h,i)perylene	25.83	276	86846	0.956	ng		100

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

Quantitation Report (Not Reviewed)

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Acq On : 21 Aug 2019 09:39
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
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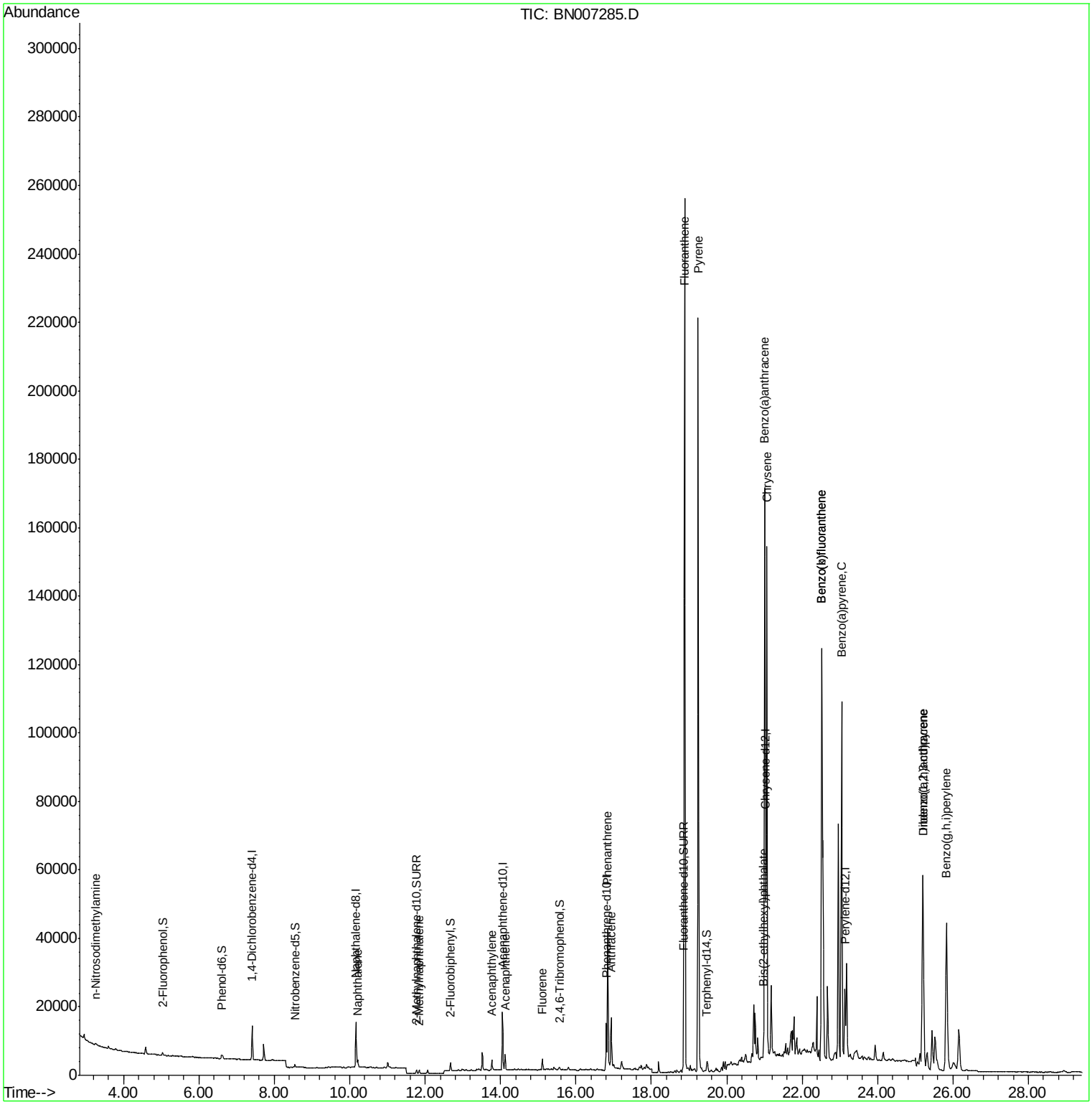
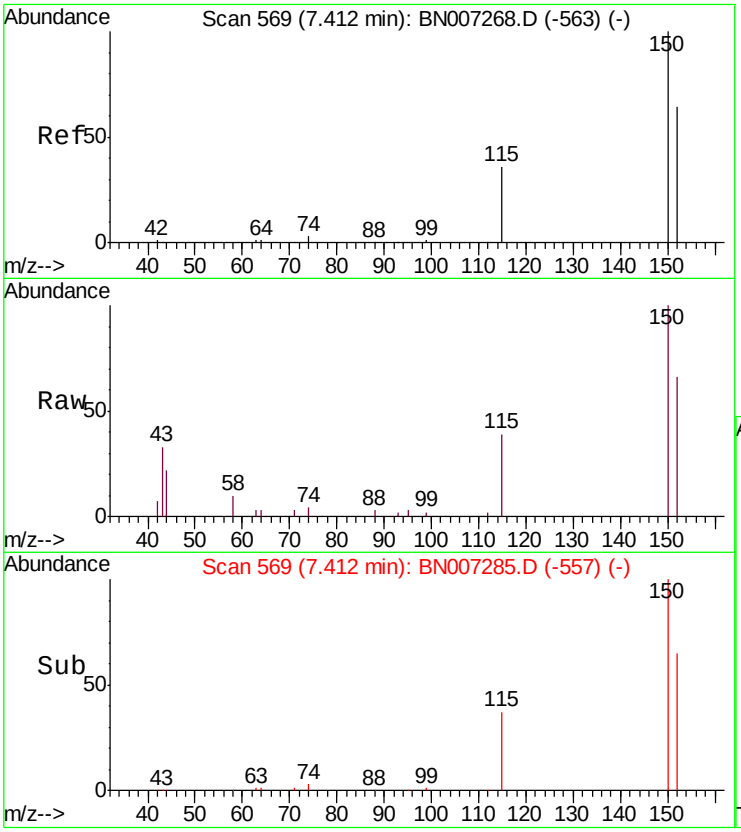


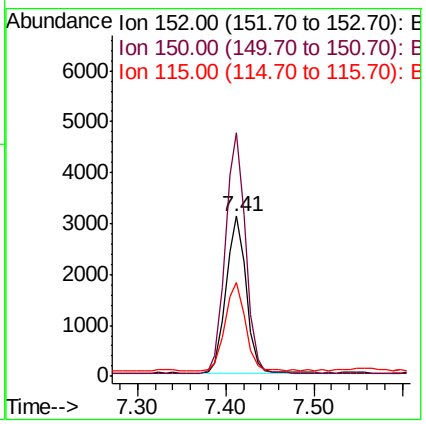


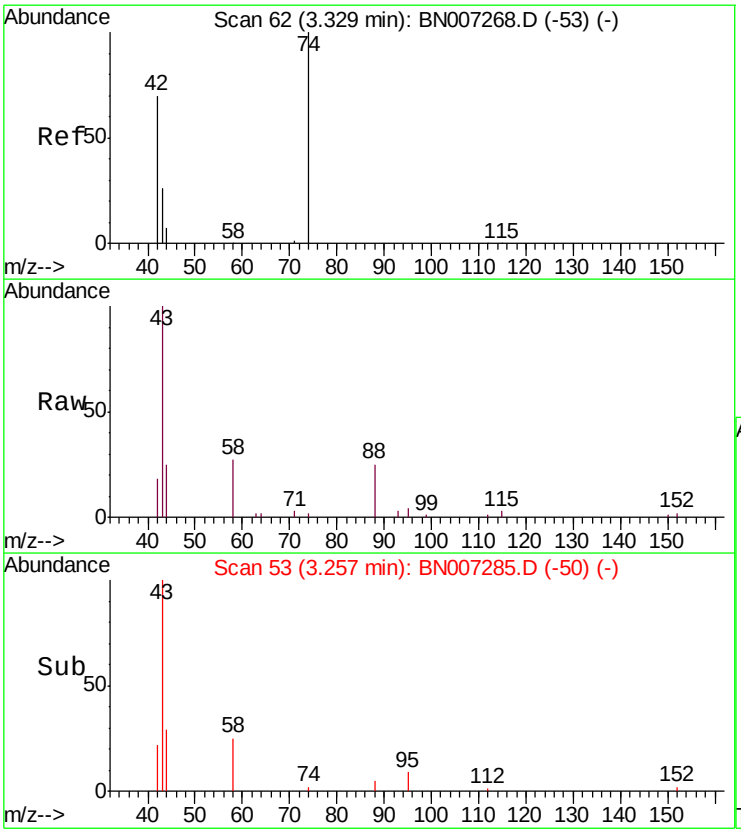
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4868

Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.8	185.8
115	58.5	47.3	70.9

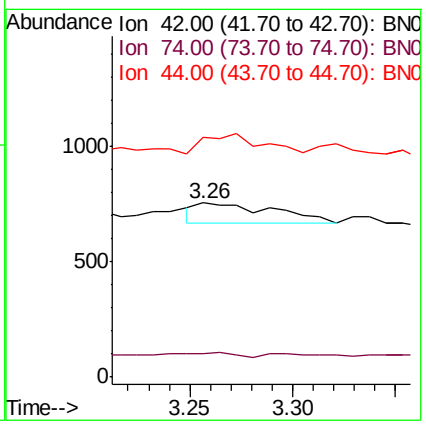


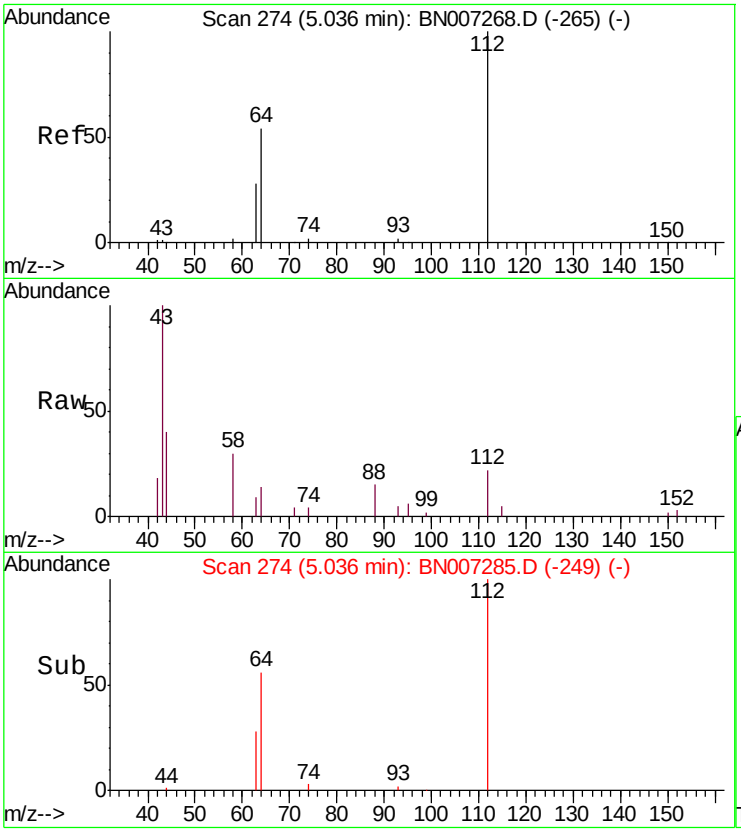


#3
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.07 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion: 42 Resp: 229

Ion	Ratio	Lower	Upper
42	100		
74	0.0	109.0	163.4#
44	77.3	4.2	6.2#



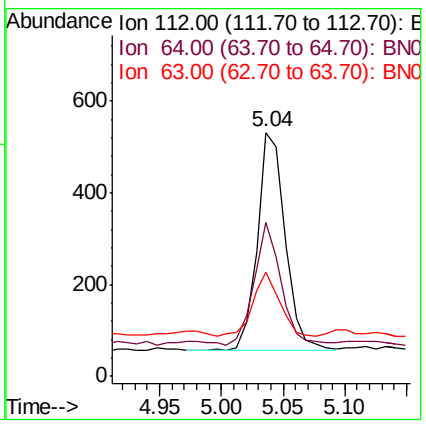


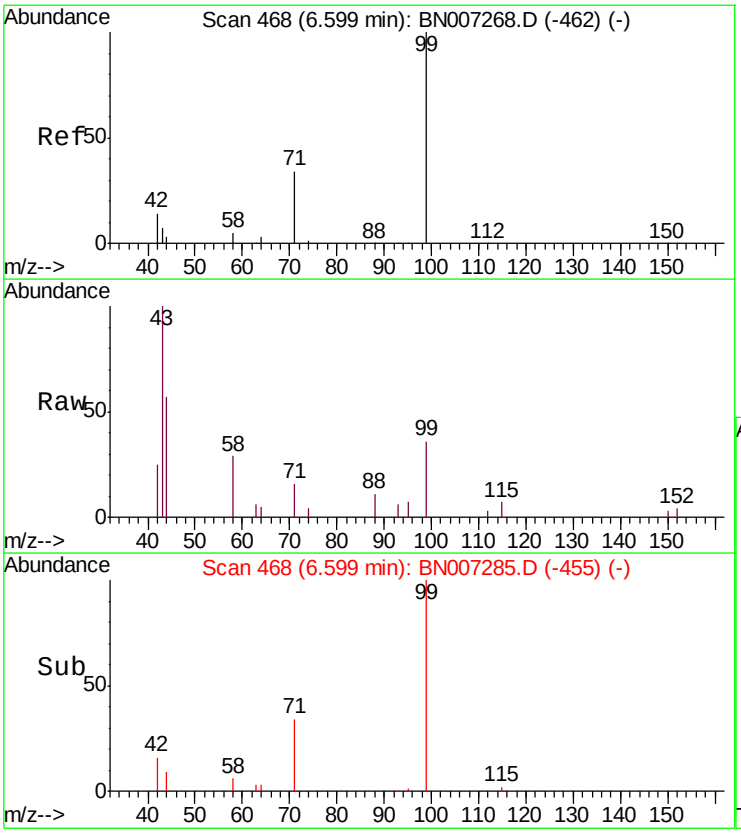
#4
2-Fluorophenol
Concen: 0.050 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 743

Ion	Ratio	Lower	Upper
112	100		
64	54.4	41.8	62.8
63	28.9	22.6	34.0

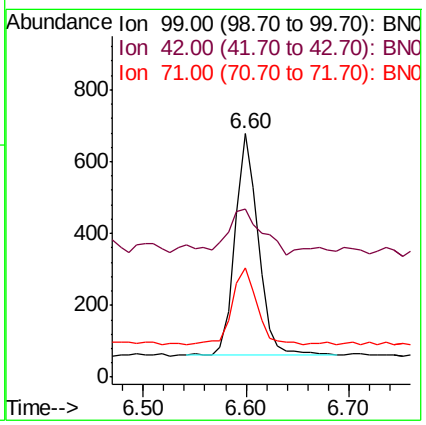


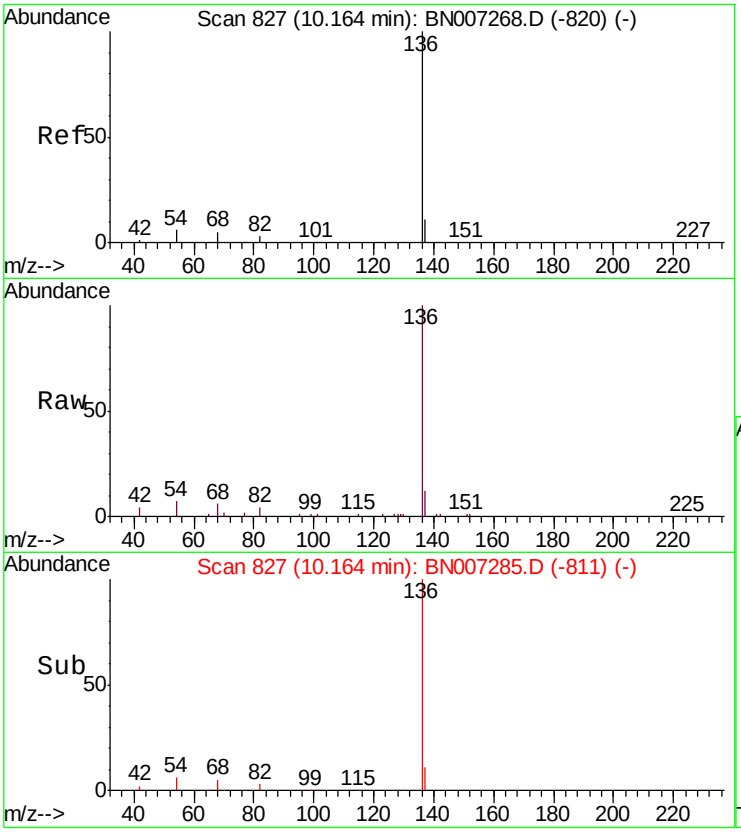


#5
Phenol-d6
Concen: 0.044 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion: 99 Resp: 965

Ion	Ratio	Lower	Upper
99	100		
42	28.8	14.3	21.5#
71	36.9	27.3	40.9



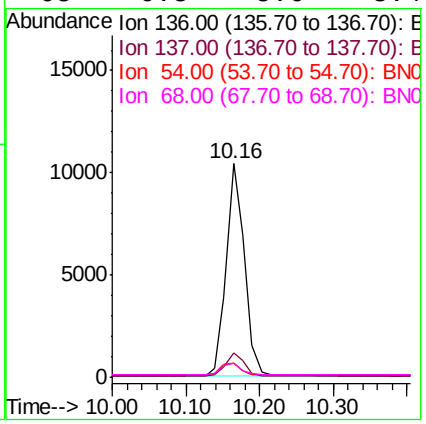


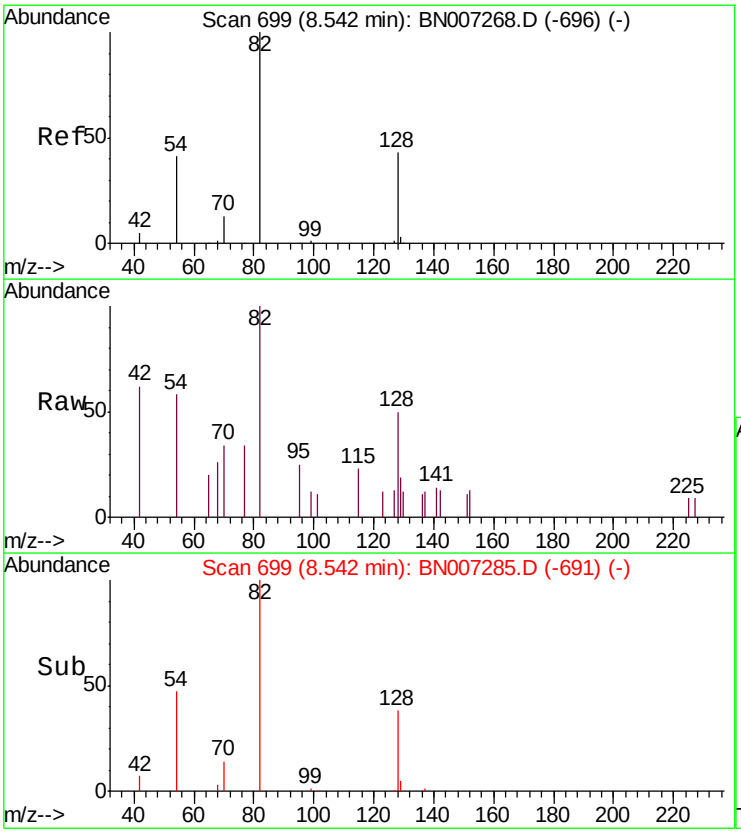
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 17911

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	6.8	5.9	8.9
68	6.3	5.6	8.4

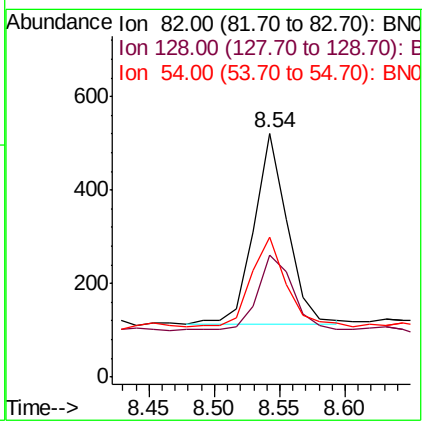


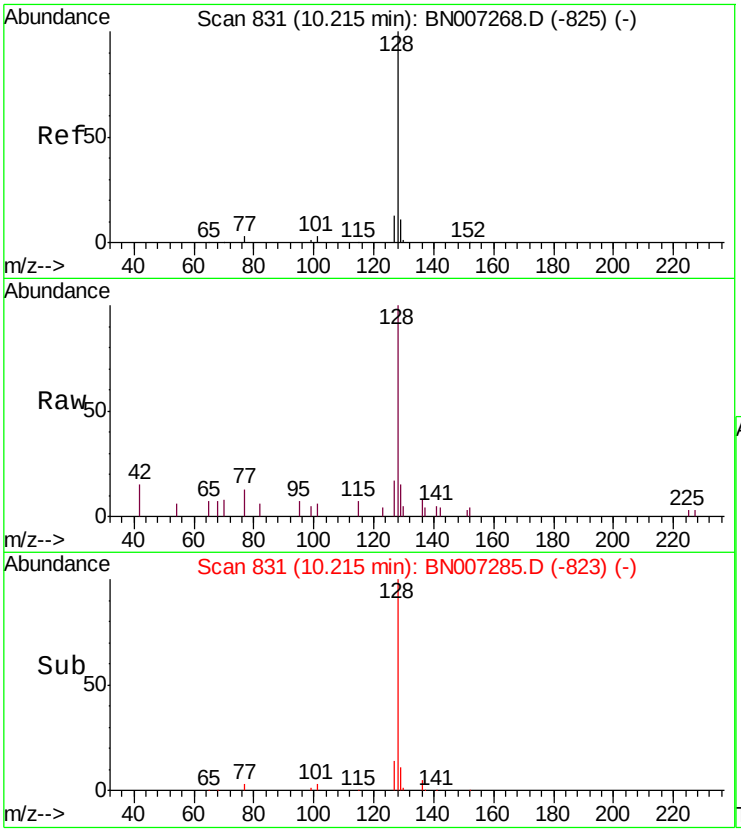


#8
Nitrobenzene-d5
Concen: 0.053 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion: 82 Resp: 727

Ion	Ratio	Lower	Upper
82	100		
128	50.3	35.8	53.6
54	57.6	34.7	52.1#



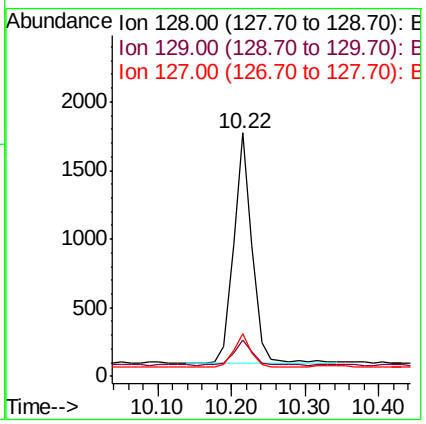


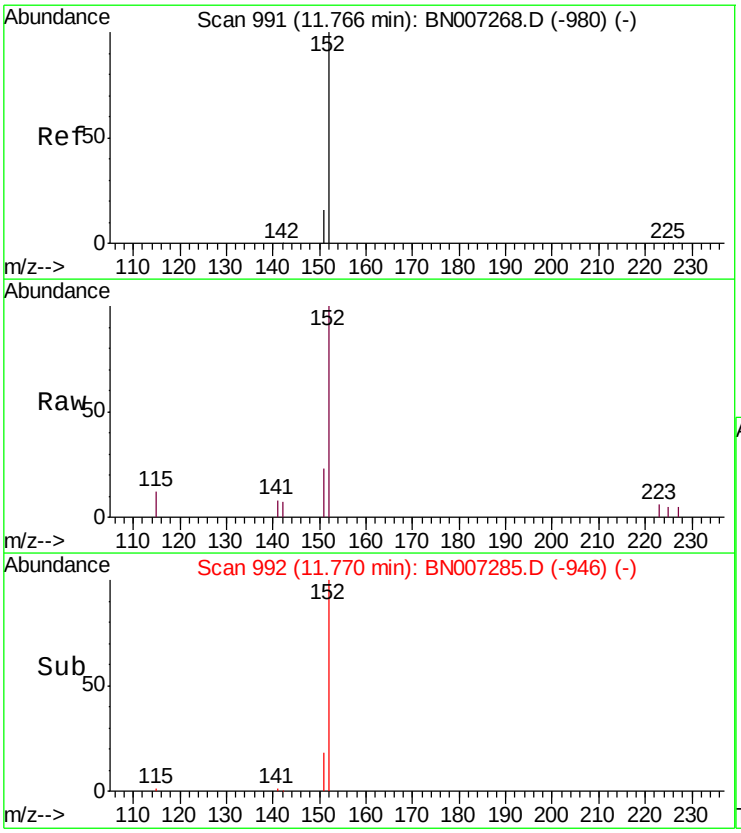
#9
Naphthalene
Concen: 0.058 ng
RT: 10.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2941

Ion	Ratio	Lower	Upper
128	100		
129	15.1	9.1	13.7#
127	17.3	10.6	16.0#

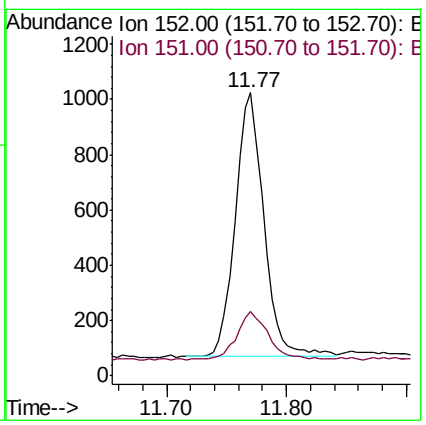


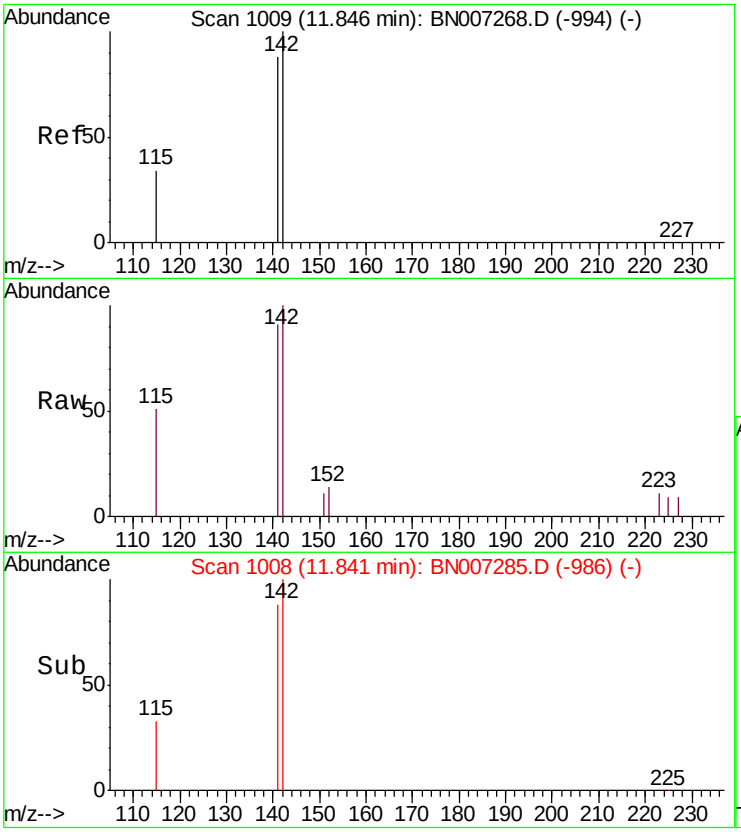


#11
2-Methylnaphthalene-d10
Concen: 0.051 ng
RT: 11.77 min Scan# 992
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion:152 Resp: 1591

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.2	22.8



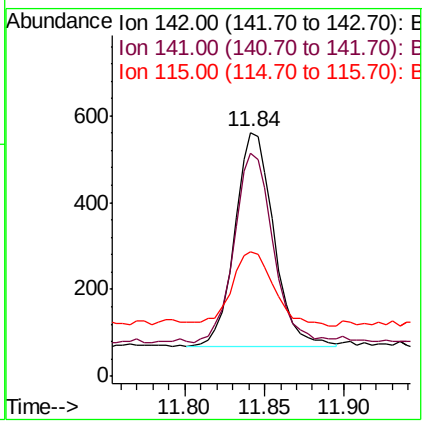


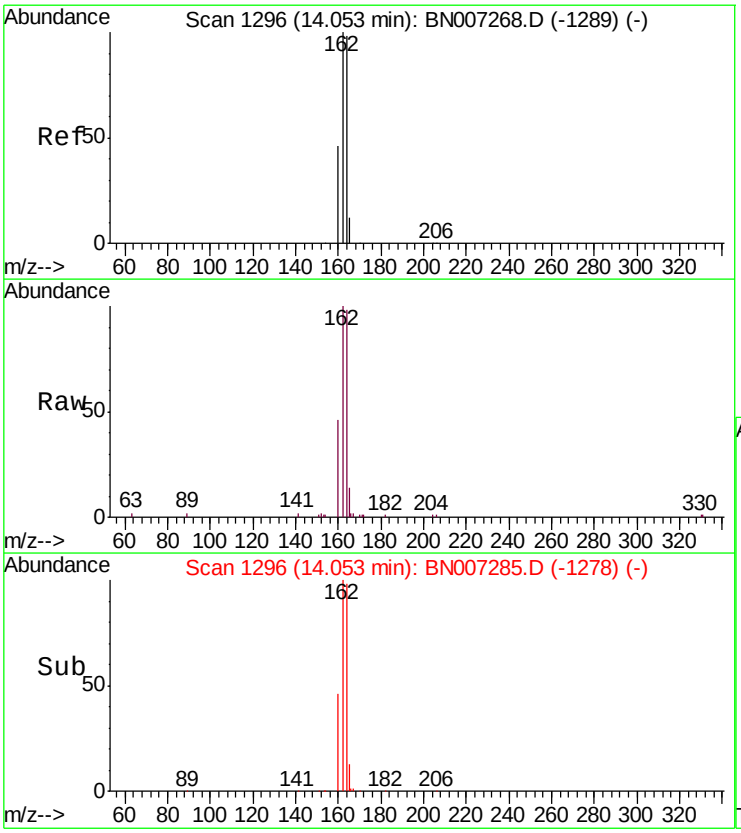
#12
2-Methylnaphthalene
Concen: 0.024 ng
RT: 11.84 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 829

Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.7	106.1
115	51.0	28.1	42.1#

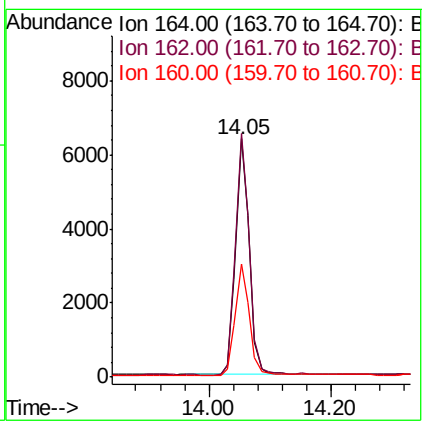


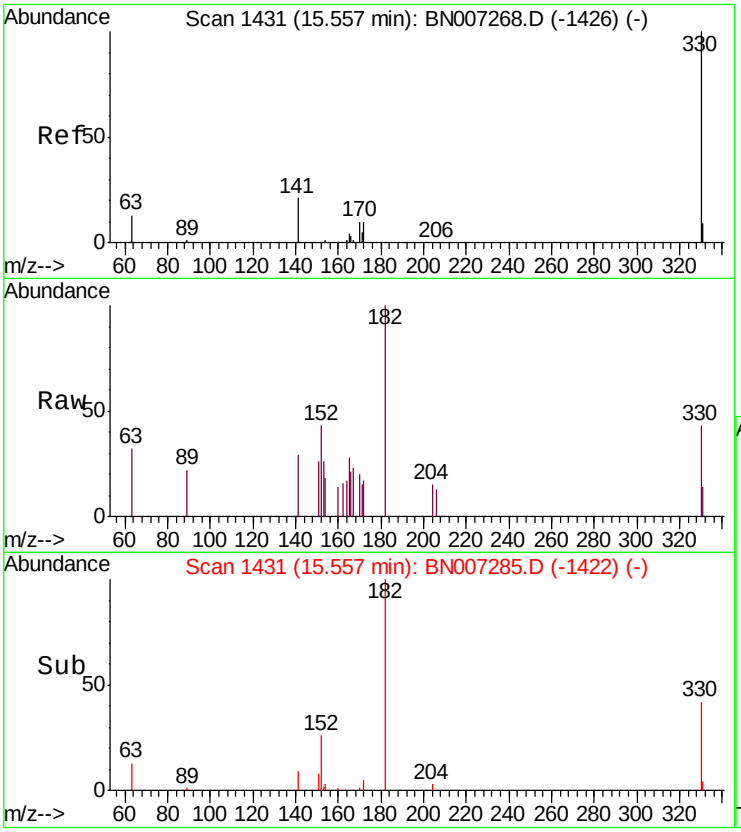


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion:164 Resp: 9953

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.0	123.0
160	47.4	38.2	57.4



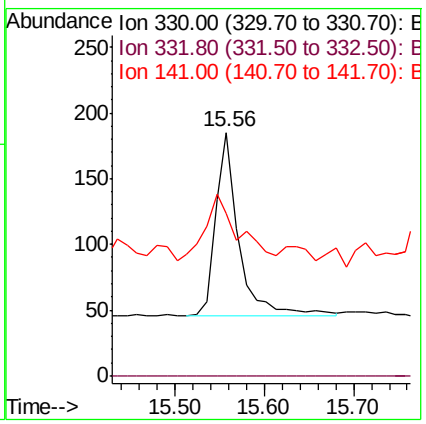


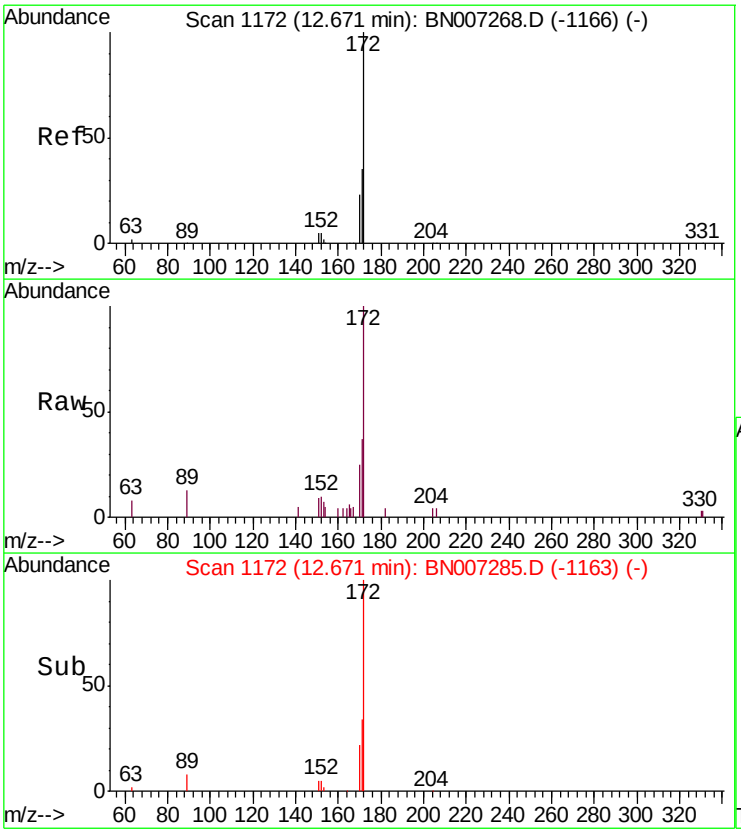
#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 15.56 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 250

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.4	30.3	45.5#

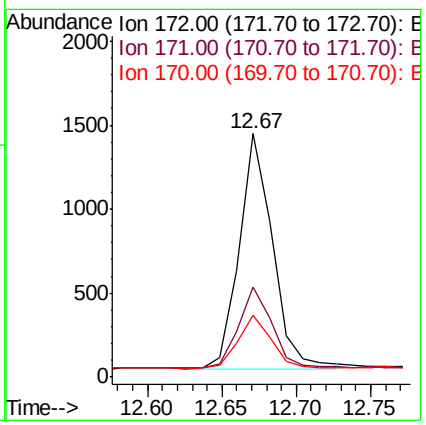


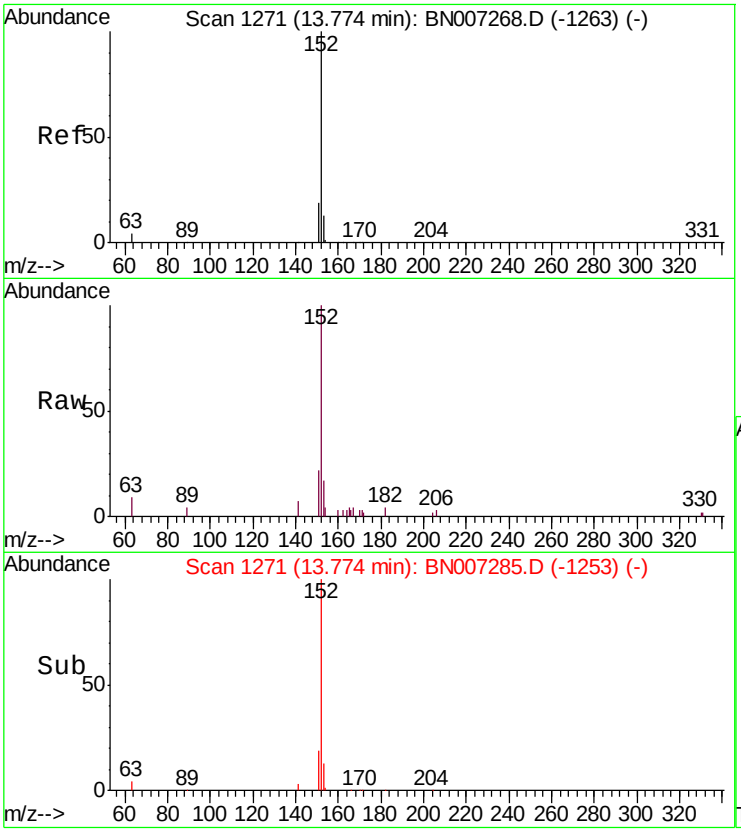


#15
2-Fluorobiphenyl
Concen: 0.051 ng
RT: 12.67 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion:172 Resp: 2168

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	43.0
170	25.2	18.7	28.1



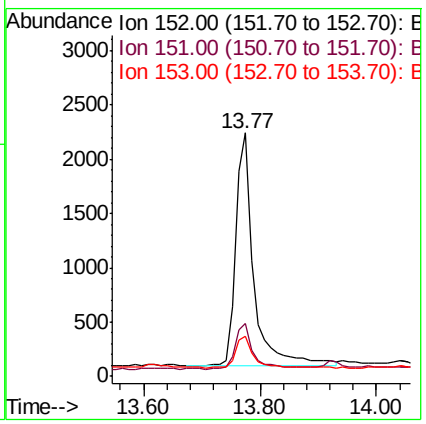


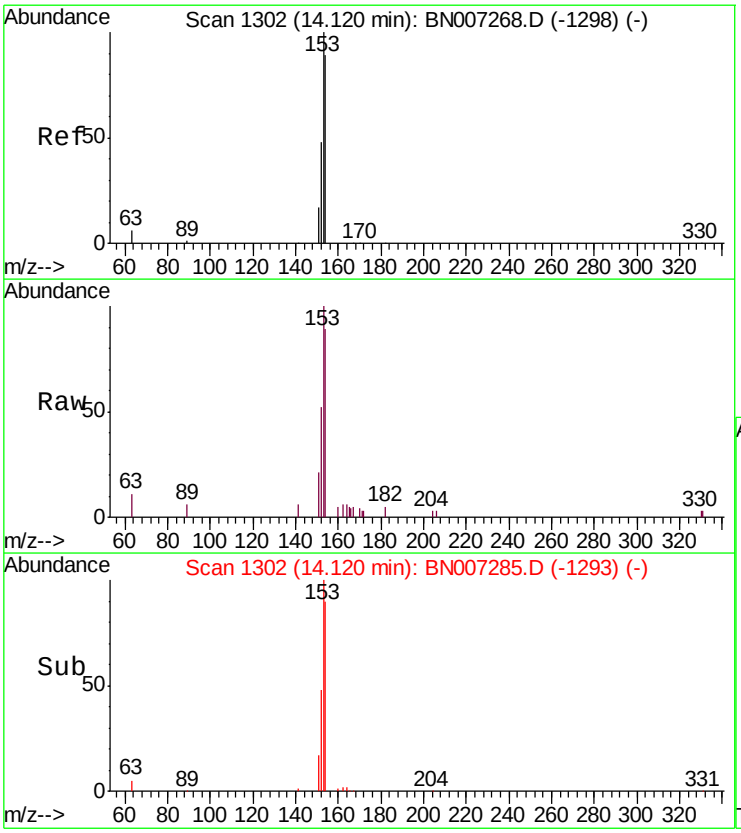
#16
Acenaphthylene
Concen: 0.089 ng
RT: 13.77 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4683

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.2
153	13.4	10.1	15.1

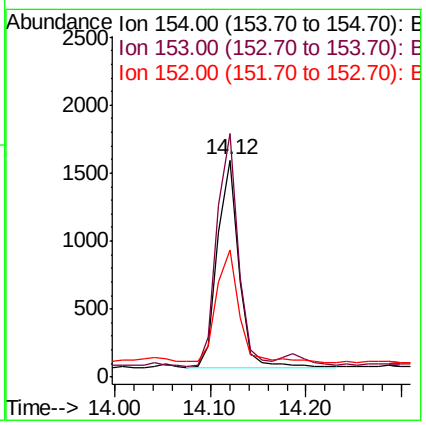


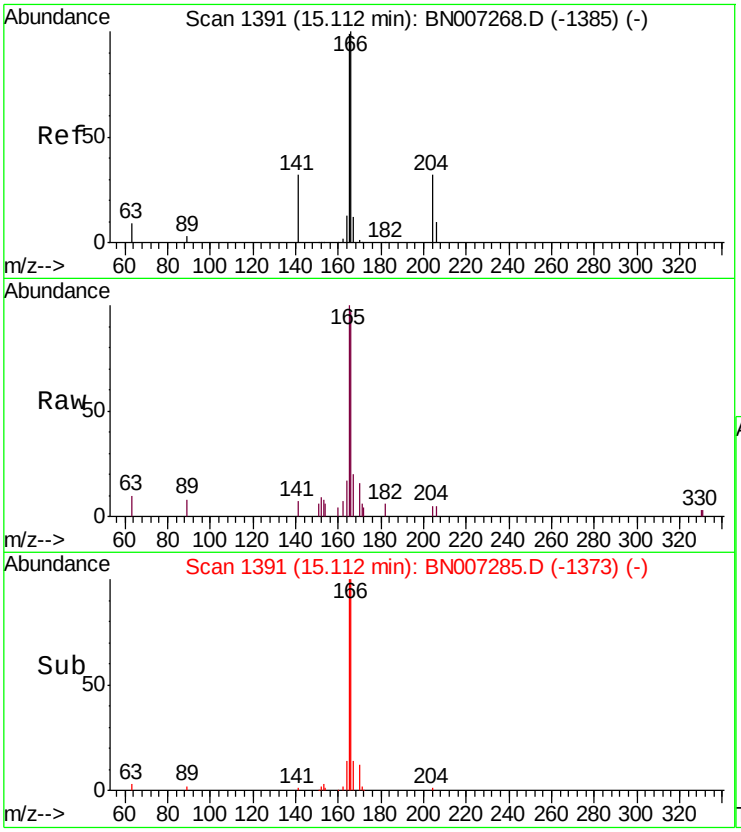


#17
Acenaphthene
Concen: 0.070 ng
RT: 14.12 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion:154 Resp: 2356

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.9	134.9
152	60.0	43.9	65.9



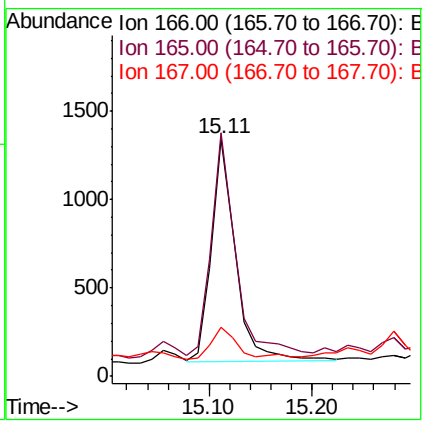


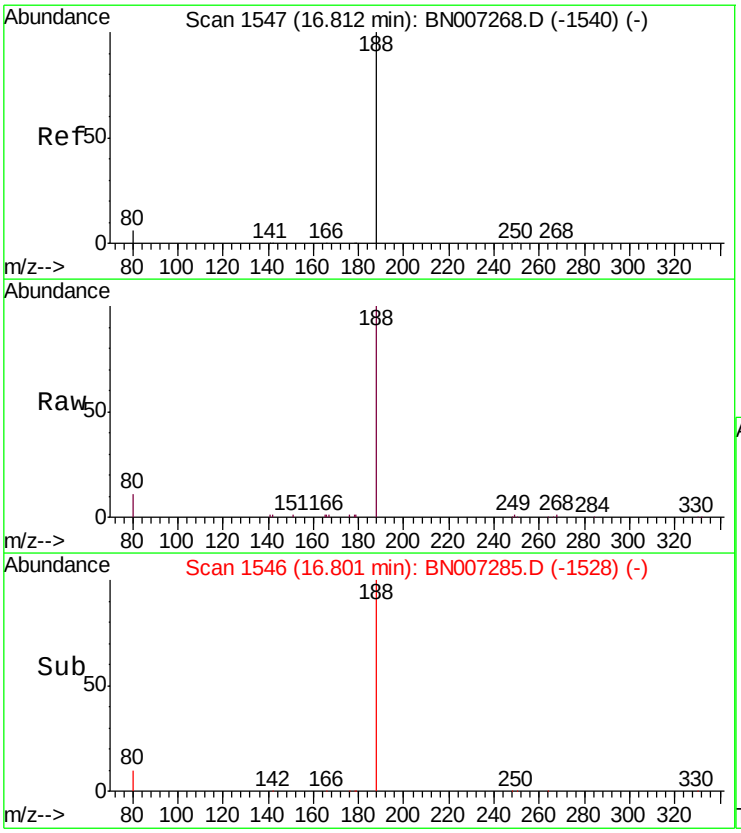
#18
Fluorene
Concen: 0.047 ng
RT: 15.11 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 2054

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.3	117.5
167	16.3	11.1	16.7

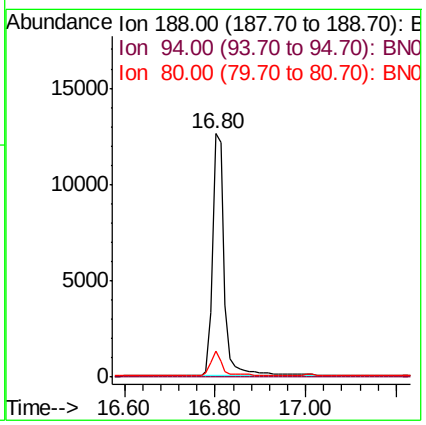


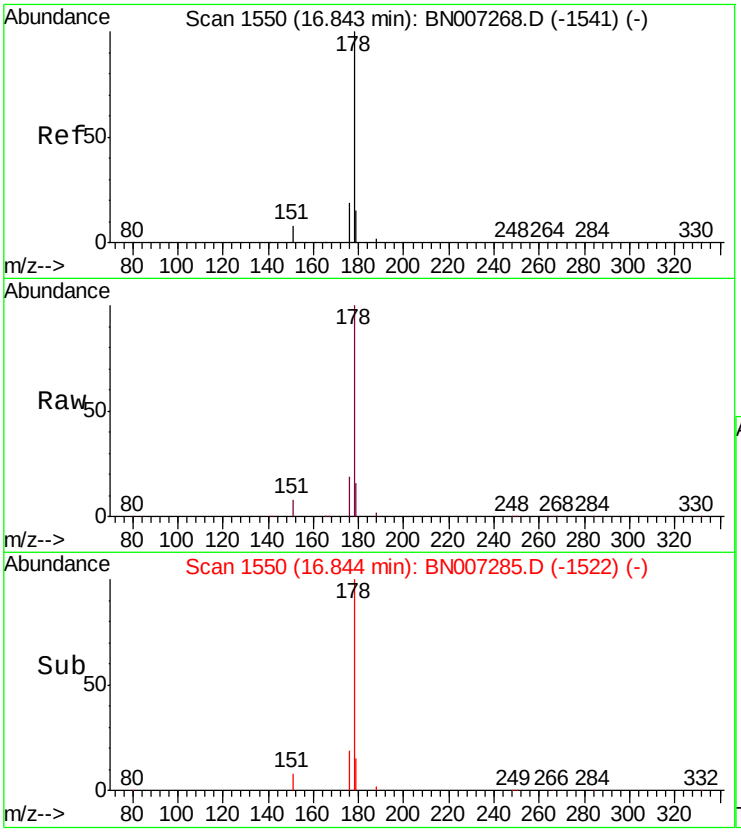


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion:188 Resp: 22950

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	5.2	7.8#



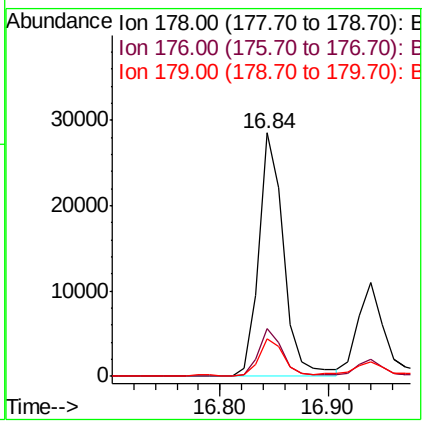


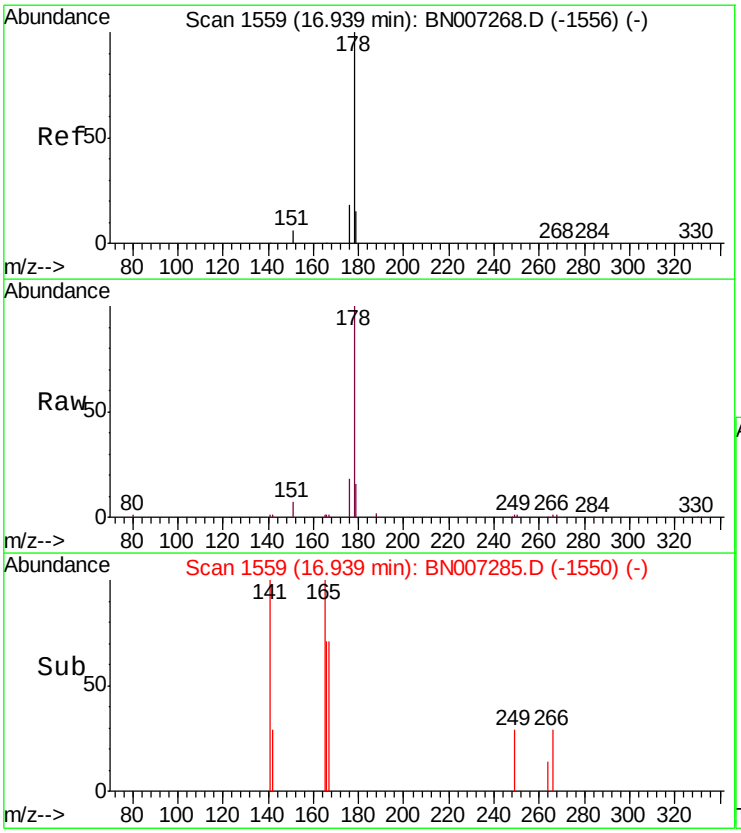
#23
Phenanthrene
Concen: 0.627 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 45108

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	14.9	12.3	18.5

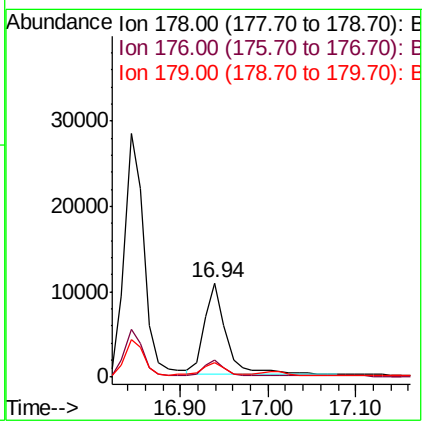


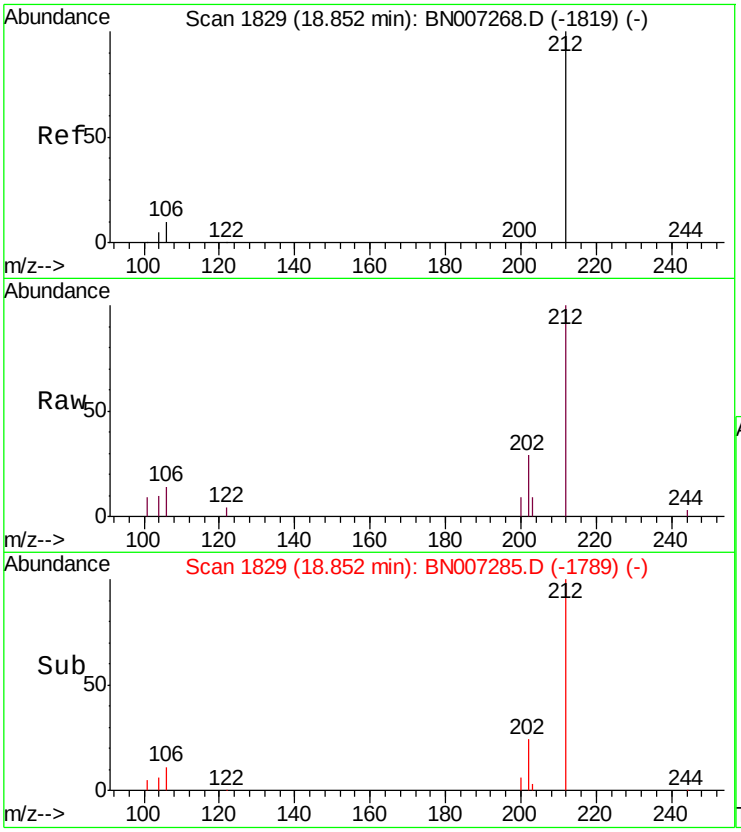


#24
Anthracene
Concen: 0.283 ng
RT: 16.94 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion:178 Resp: 18349

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.3	21.5
179	13.4	12.3	18.5



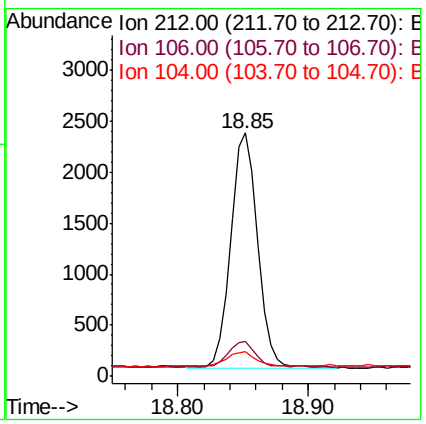


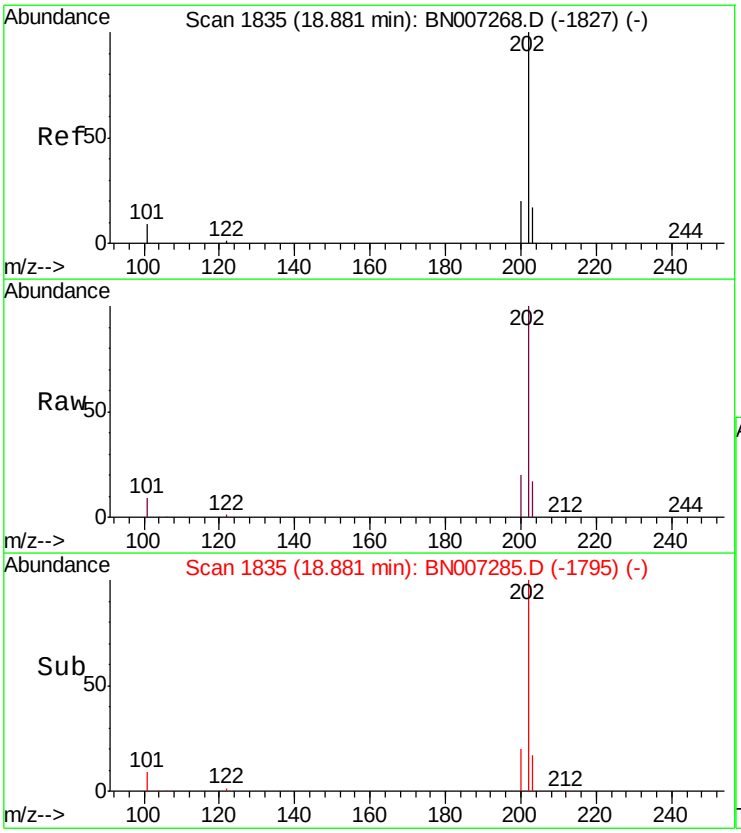
#25
Fluoranthene-d10
Concen: 0.046 ng
RT: 18.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 3340

Ion	Ratio	Lower	Upper
212	100		
106	11.4	8.2	12.4
104	6.4	4.7	7.1

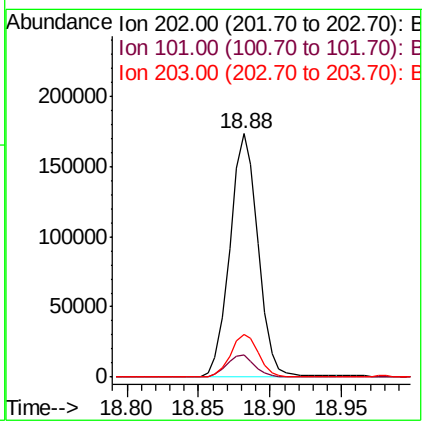


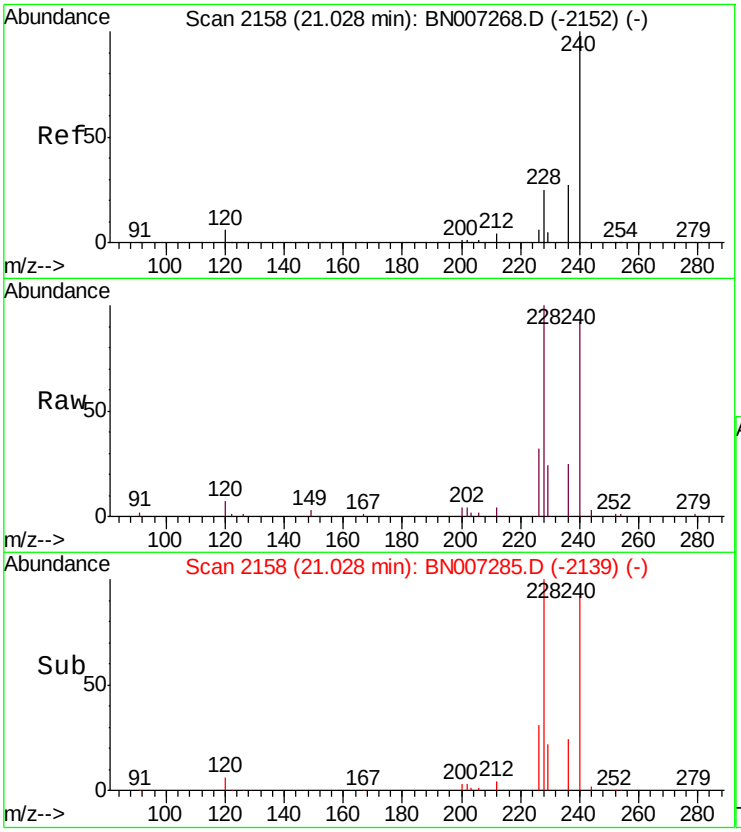


#26
Fluoranthene
Concen: 2.725 ng
RT: 18.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion:202 Resp: 237399

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.5	13.8	20.6



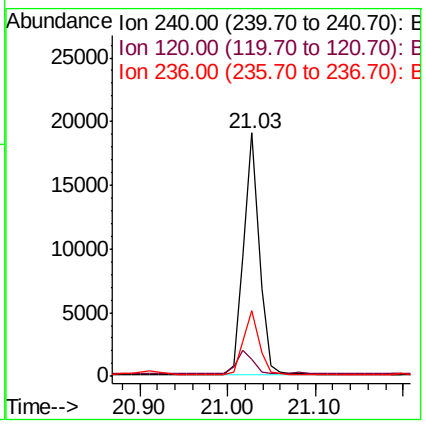


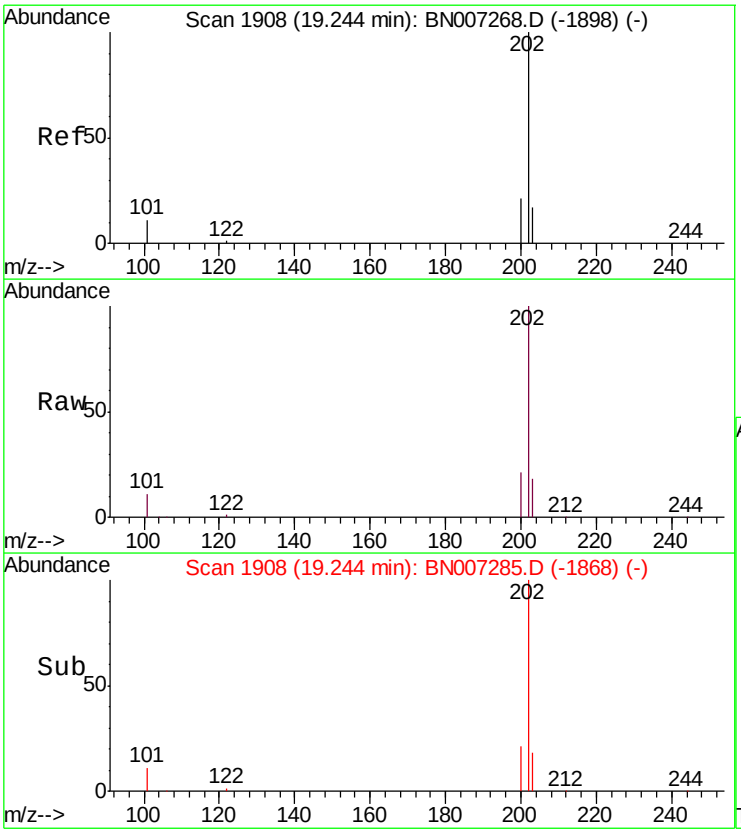
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 23853

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.6	8.4
236	27.1	21.6	32.4

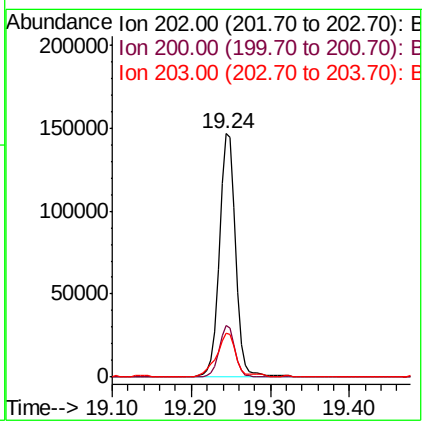


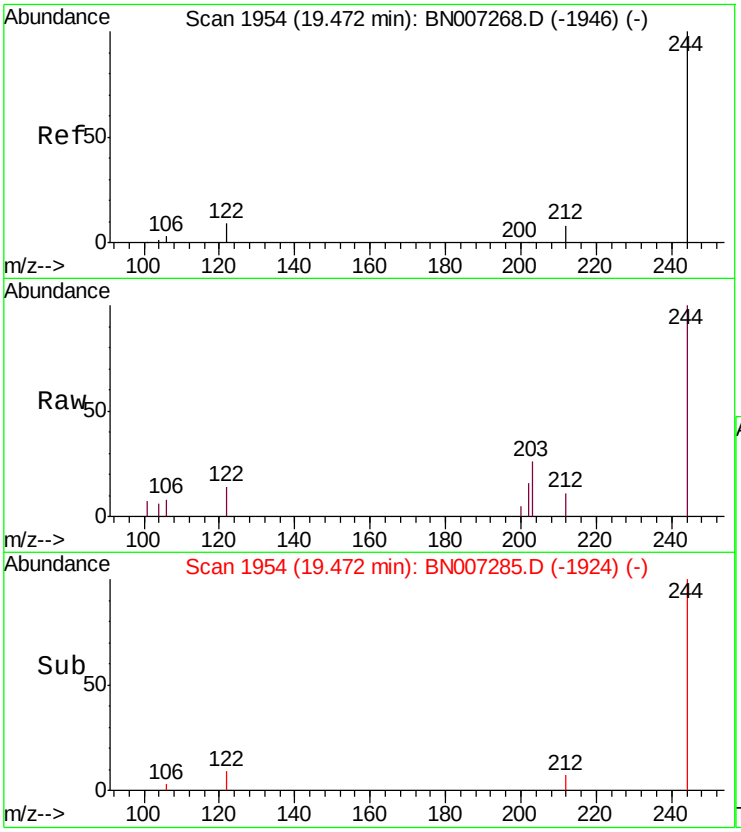


#28
Pyrene
Concen: 2.373 ng
RT: 19.24 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion:202 Resp: 211625

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	21.8	13.9	20.9#



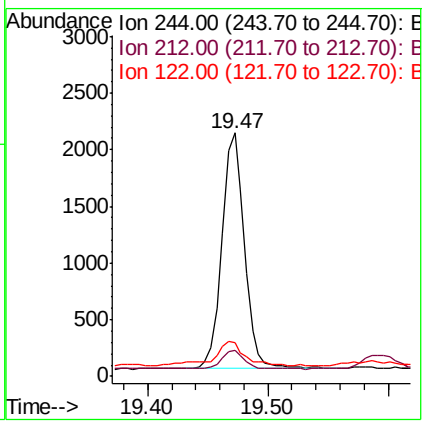


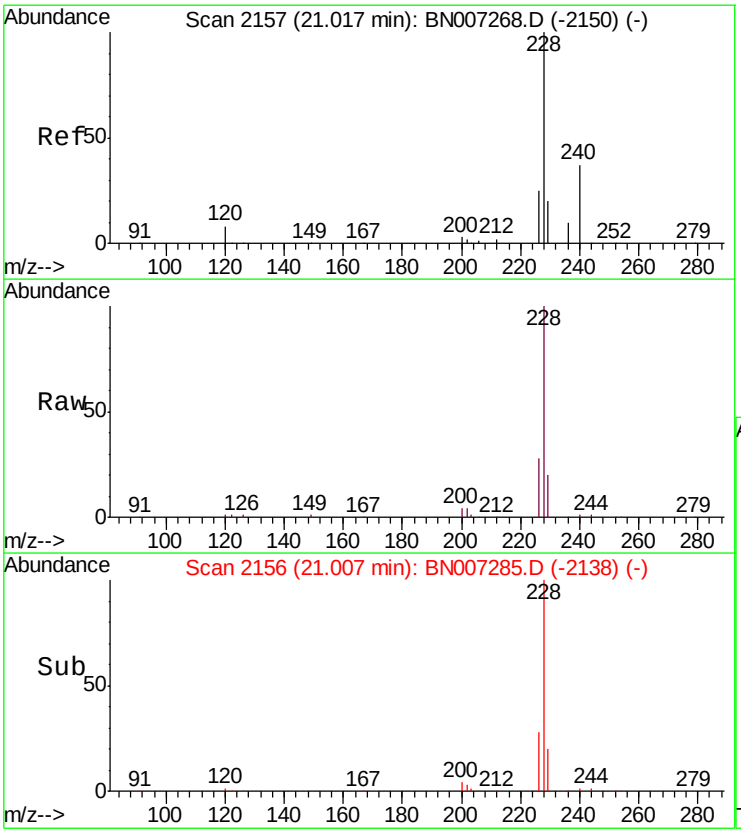
#29
Terphenyl-d14
Concen: 0.046 ng
RT: 19.47 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 2717

Ion	Ratio	Lower	Upper
244	100		
212	10.8	6.5	9.7#
122	14.1	7.9	11.9#

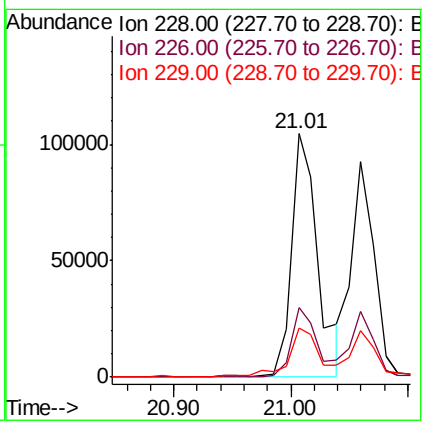


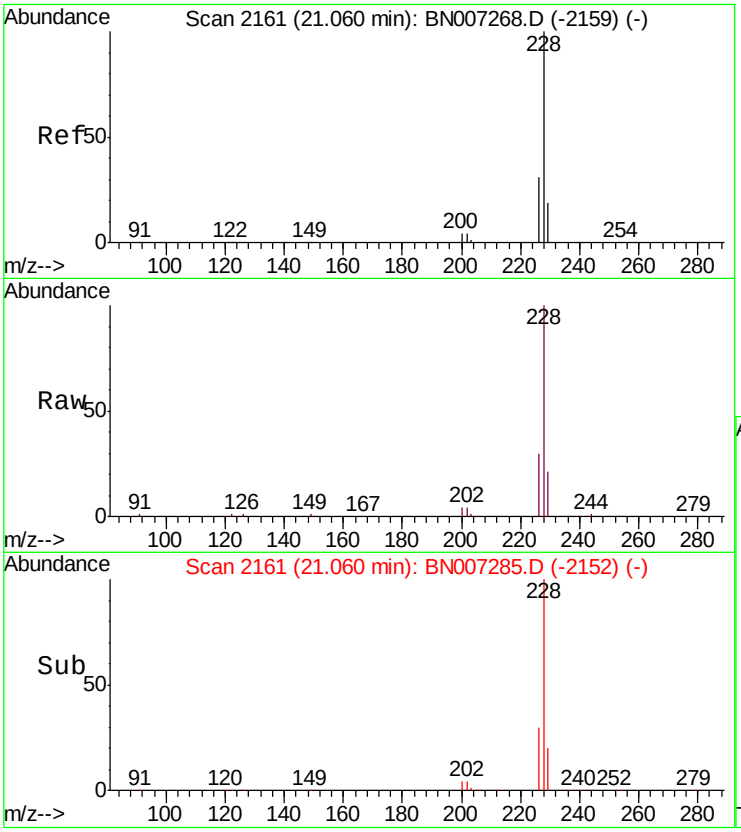


#30
Benzo(a)anthracene
Concen: 1.840 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion:228 Resp: 163185

Ion	Ratio	Lower	Upper
228	100		
226	28.4	20.6	30.8
229	20.1	16.9	25.3



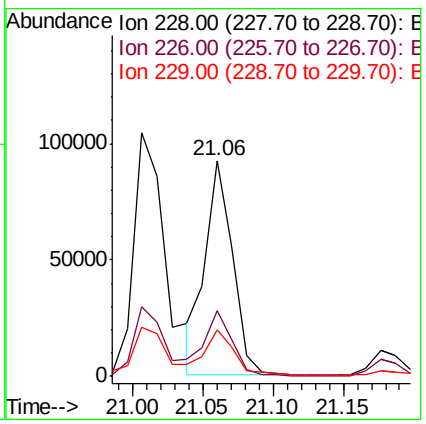


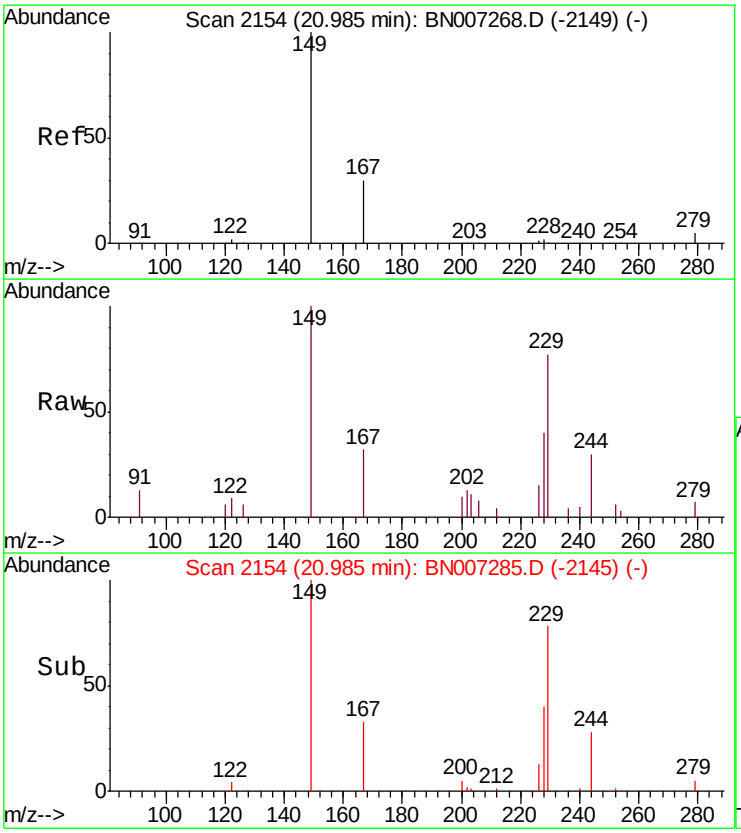
#31
Chrysene
Concen: 1.391 ng
RT: 21.06 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 125874

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	36.8
229	21.3	15.6	23.4

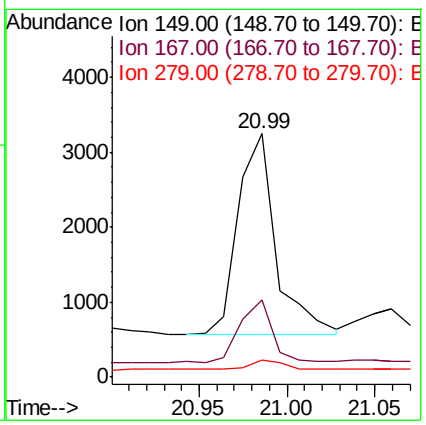


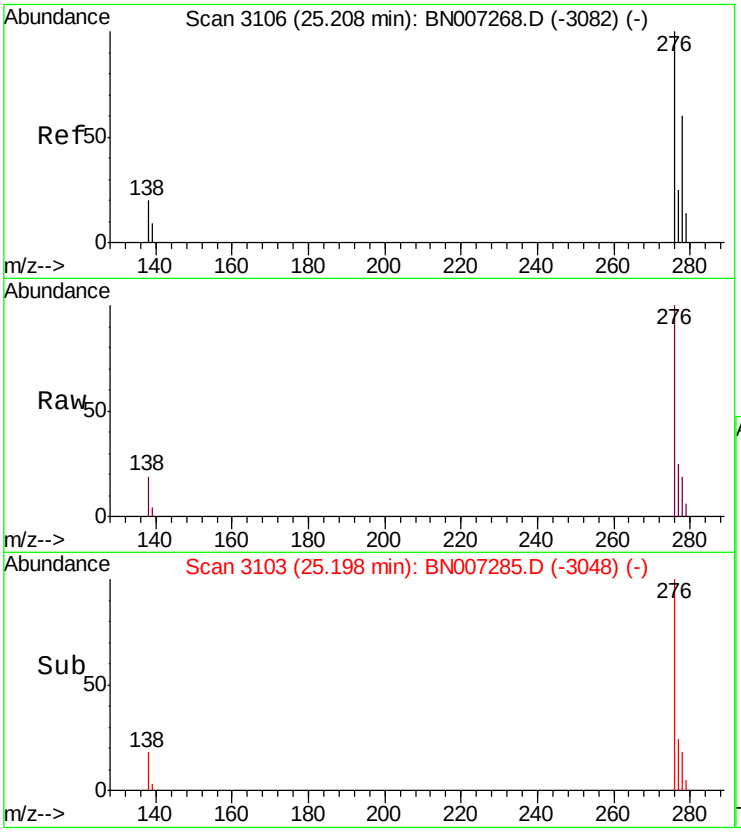


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.112 ng
RT: 20.99 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion:149 Resp: 3969

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.8	35.6
279	4.6	3.8	5.8



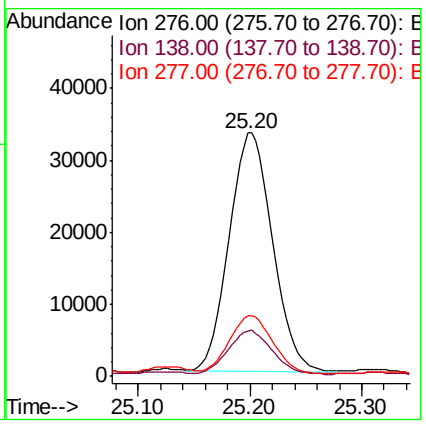


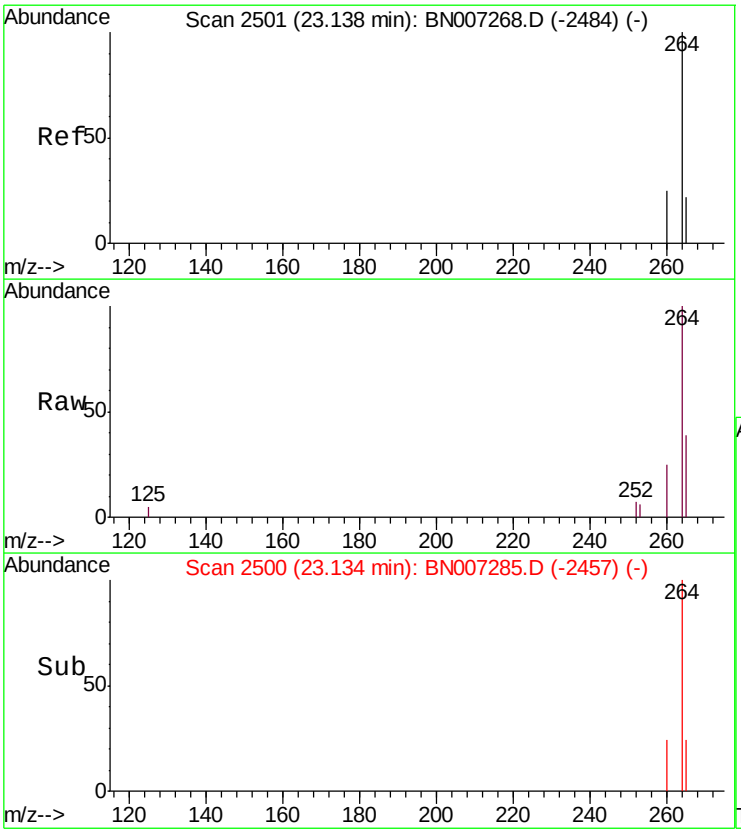
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.821 ng
RT: 25.20 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 89465

Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.1	25.7
277	24.6	20.1	30.1

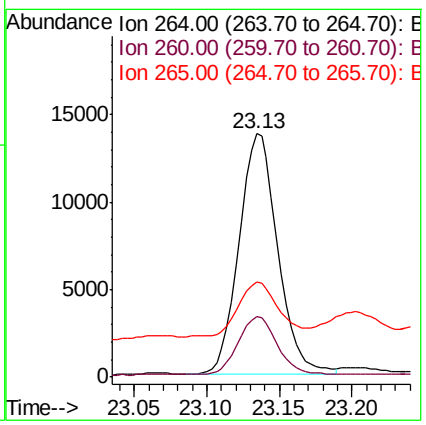


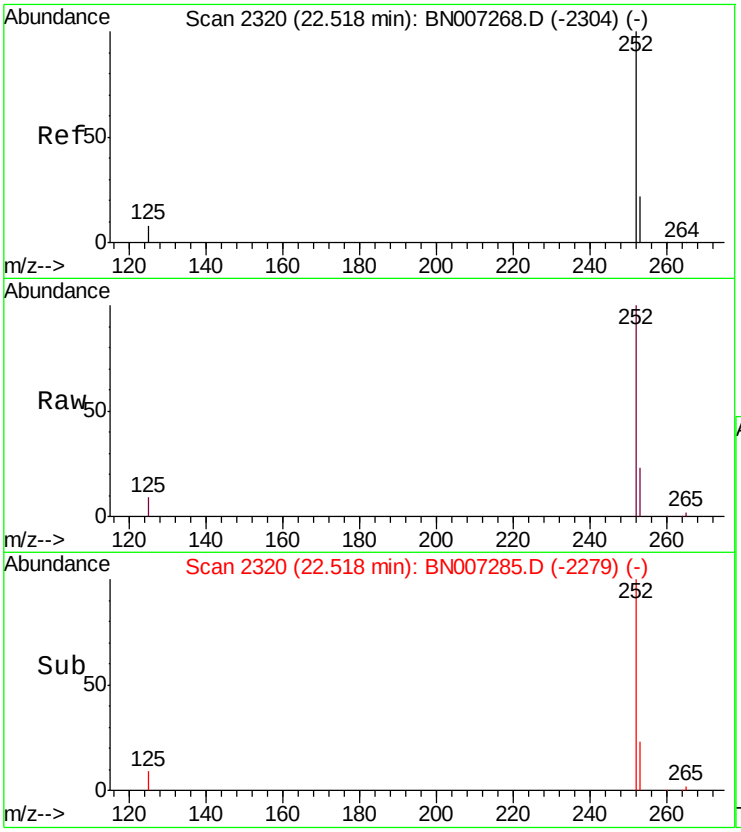


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion:264 Resp: 25465

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	39.2	29.0	43.6



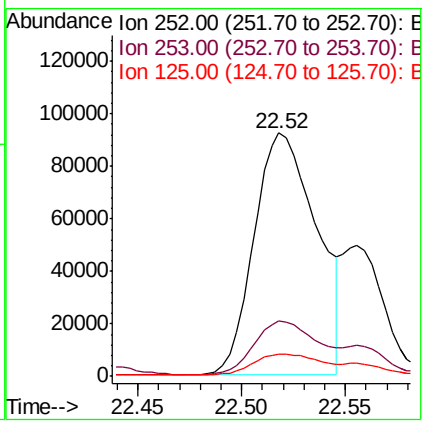


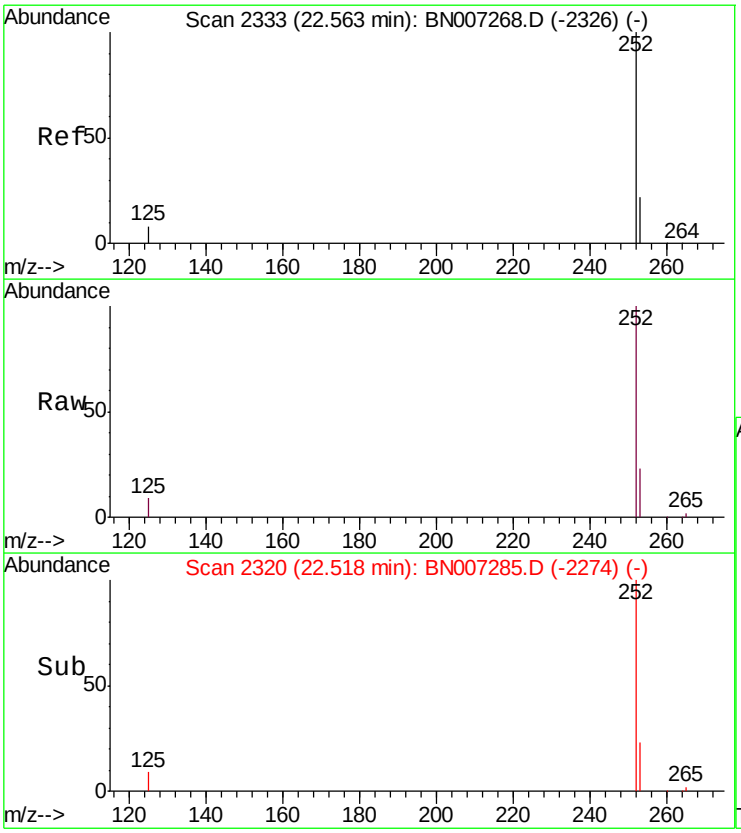
#35
Benzo(b)fluoranthene
Concen: 2.035 ng
RT: 22.52 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 193228

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	9.1	7.8	11.6

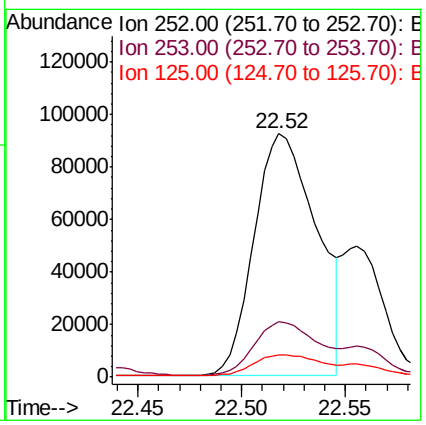


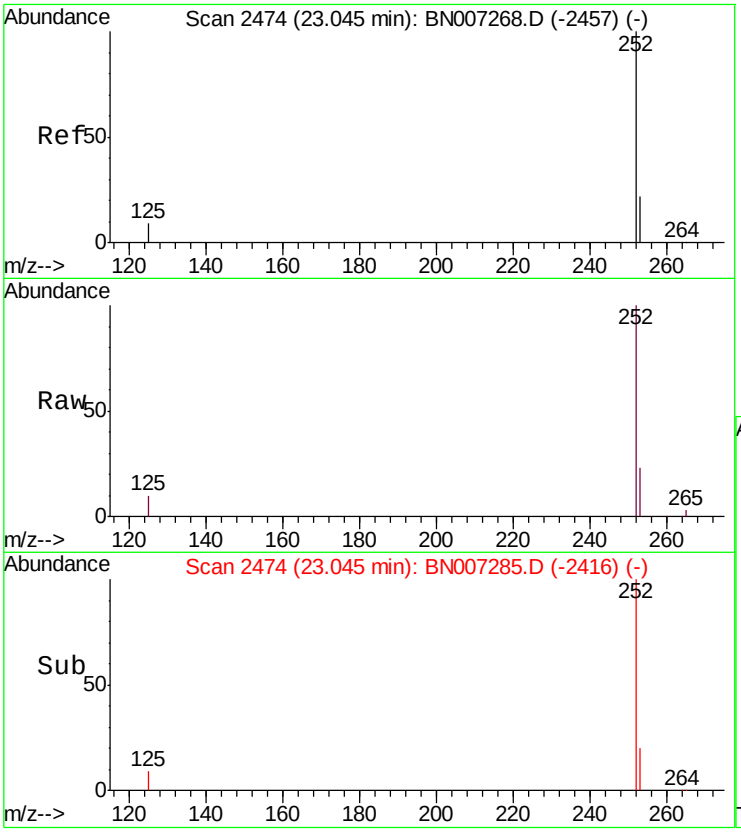


#36
Benzo(k)fluoranthene
Concen: 2.078 ng
RT: 22.52 min Scan# 2320
Delta R.T. -0.04 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion:252 Resp: 193228

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	9.1	8.0	12.0



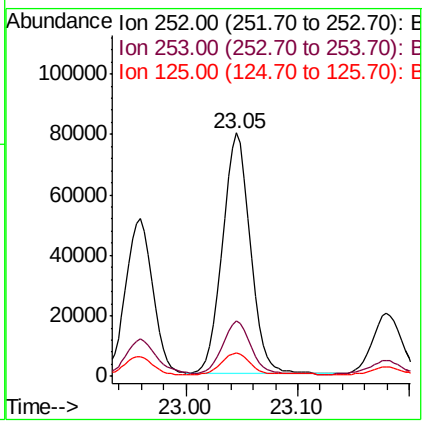


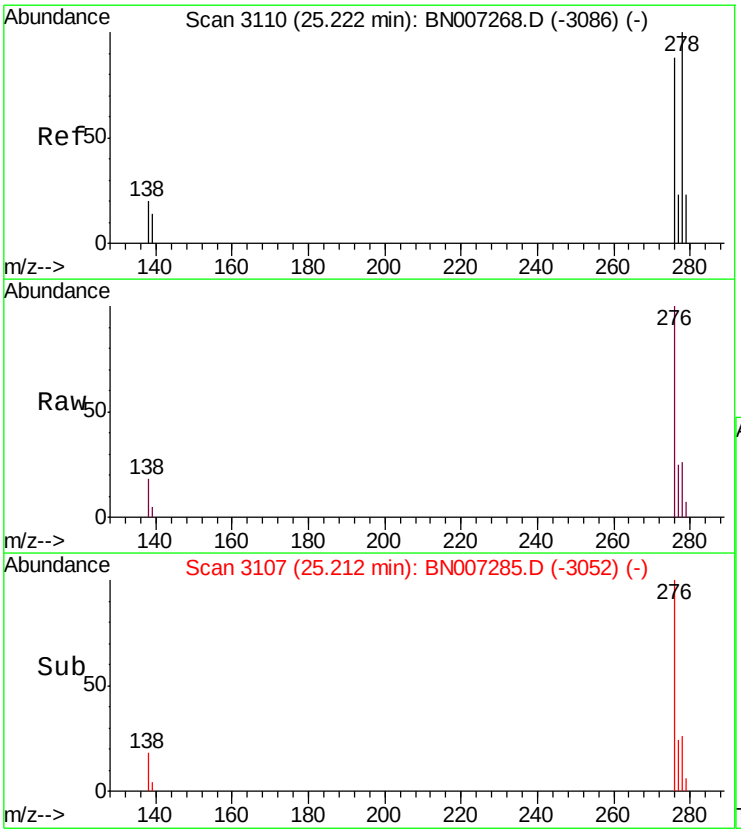
#37
Benzo(a)pyrene
Concen: 1.610 ng
RT: 23.05 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 137745

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.7	28.1
125	9.8	8.7	13.1

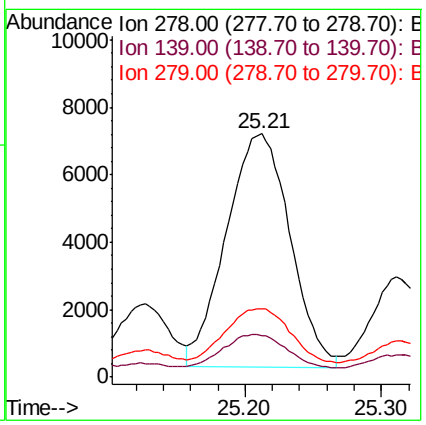


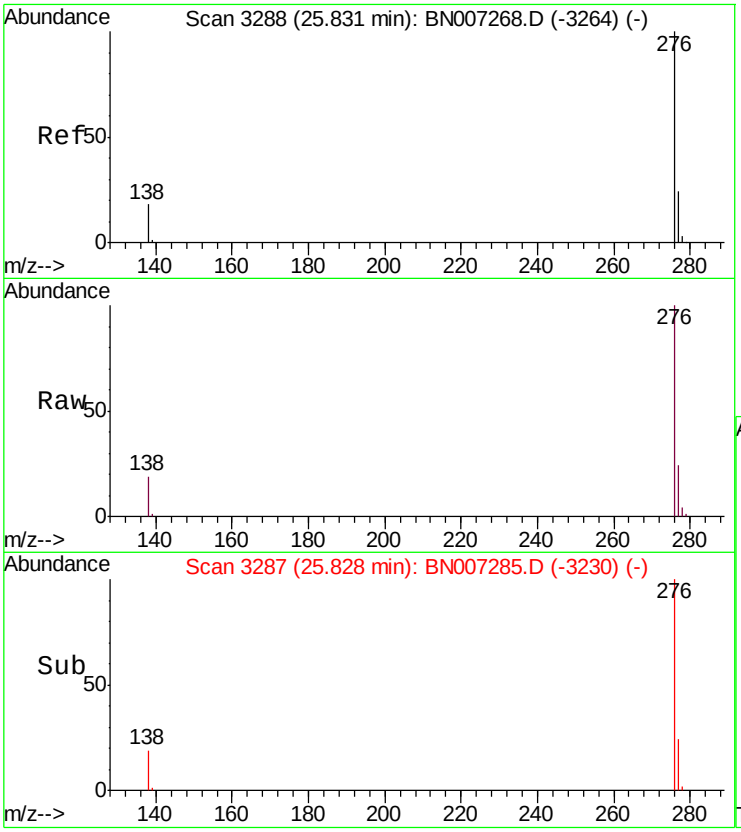


#38
Dibenzo(a,h)anthracene
Concen: 0.251 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Tgt Ion:278 Resp: 22529

Ion	Ratio	Lower	Upper
278	100		
139	17.2	11.8	17.8
279	27.9	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.956 ng
RT: 25.83 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BN007285.D
Acq: 21 Aug 2019 09:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 86846

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.5	29.3
138	19.3	15.3	22.9