Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007287.D
Acq On : 21 Aug 2019 10:51
Operator : HP/JU
Sample : K4409-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 21 12:28:06 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	5701	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	21801	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	12707	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	30050	0.40	ng		0.00
27) Chrysene-d12	21.03	240	30409	0.40	ng		0.00
34) Perylene-d12	23.13	264	32766	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	5680	0.33	ng		0.00
5) Phenol-d6	6.60	99	7385	0.37	ng		0.00
8) Nitrobenzene-d5	8.54	82	5188	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	12578	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	2658	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	15944	0.29	ng		0.00
25) Fluoranthene-d10	18.85	212	27321	0.29	ng		0.00
29) Terphenyl-d14	19.47	244	19919	0.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	1823	0.225	ng	#	1
3) n-Nitrosodimethylamine	3.32	42	1126	0.208	ng	#	75
6) bis(2-Chloroethyl)ether	6.85	93	4675	0.278	ng		98
9) Naphthalene	10.22	128	27336	0.442	ng		99
10) Hexachlorobutadiene	10.52	225	3111	0.228	ng	#	97
12) 2-Methylnaphthalene	11.84	142	23028	0.538	ng		99
16) Acenaphthylene	13.77	152	32565	0.483	ng		99
17) Acenaphthene	14.11	154	12860	0.299	ng		98
18) Fluorene	15.12	166	17968	0.320	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	4288	0.249	ng	#	82
21) Hexachlorobenzene	16.12	284	4452	0.224	ng		98
22) Pentachlorophenol	16.46	266	5523	0.691	ng		97
23) Phenanthrene	16.85	178	111581	1.185	ng		100
24) Anthracene	16.93	178	37204	0.439	ng		97
26) Fluoranthene	18.88	202	205072	1.798	ng		100
28) Pyrene	19.24	202	197195	1.734	ng		97
30) Benzo(a)anthracene	21.00	228	111681	0.988	ng		95
31) Chrysene	21.06	228	132281	1.146	ng		98
32) Bis(2-ethylhexyl)phthalate	20.98	149	22744	0.503	ng		99
33) Indeno(1,2,3-cd)pyrene	25.20	276	91611	0.660	ng		99
35) Benzo(b)fluoranthene	22.51	252	155754	1.275	ng		99
36) Benzo(k)fluoranthene	22.51	252	155754	1.302	ng		99
37) Benzo(a)pyrene	23.04	252	109361	0.993	ng		100
38) Dibenzo(a,h)anthracene	25.22	278	41225	0.356	ng	#	93
39) Benzo(g,h,i)perylene	25.83	276	87559	0.749	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
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Acq On : 21 Aug 2019 10:51
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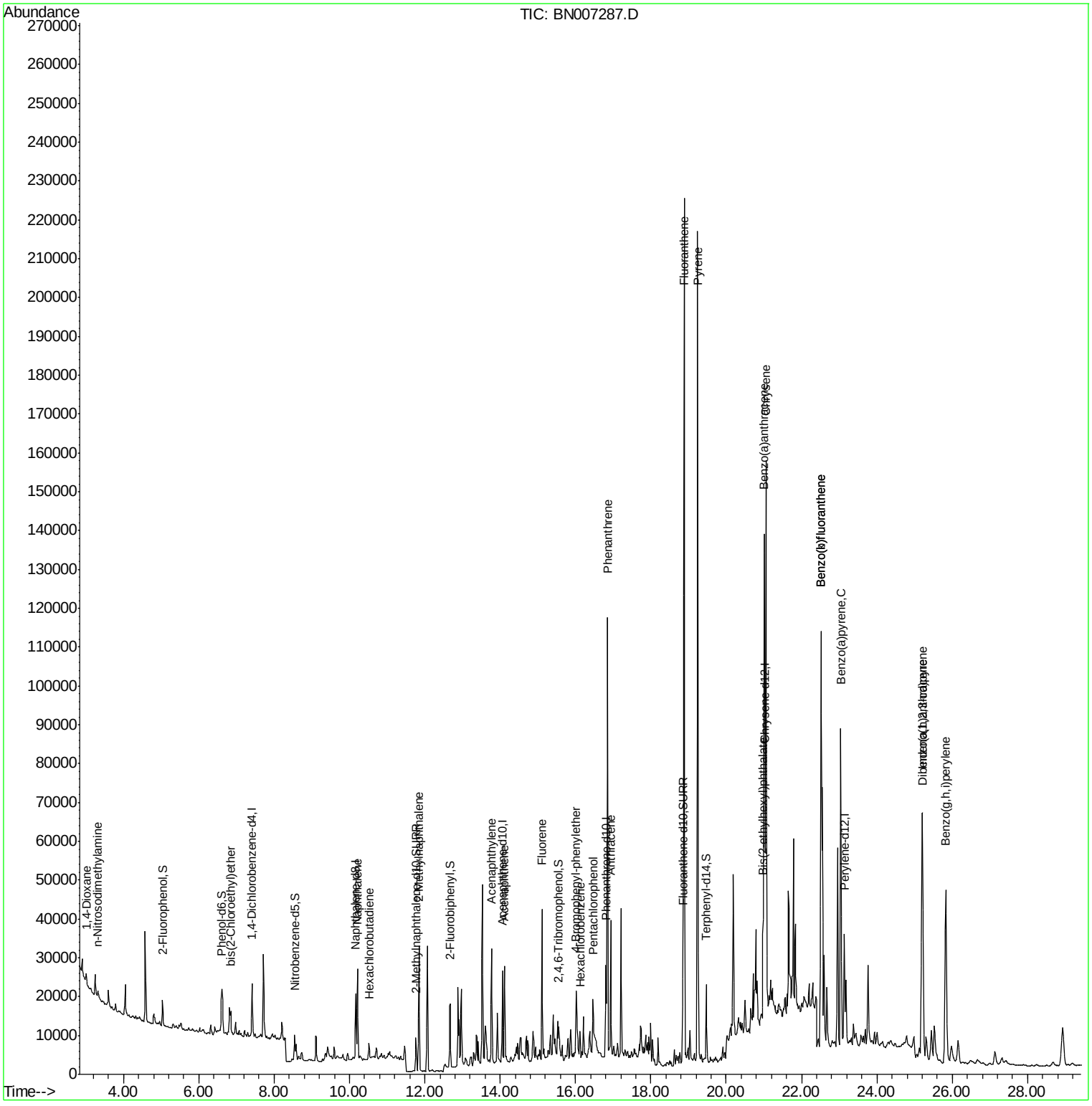
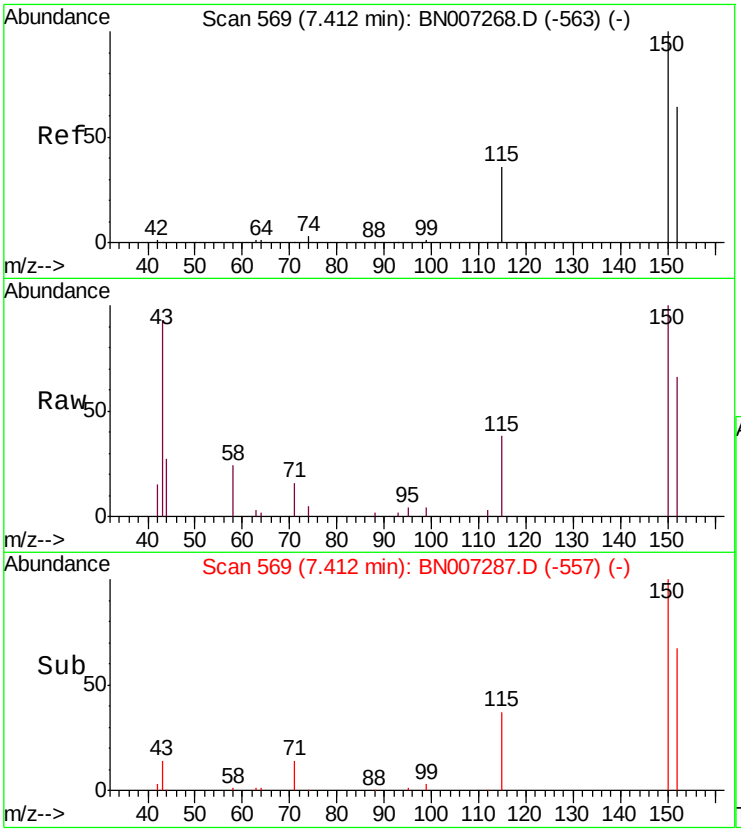
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 21 12:28:06 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



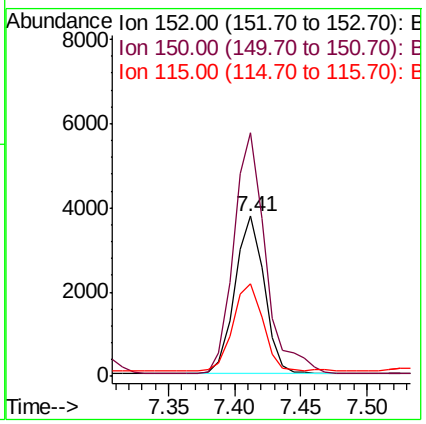


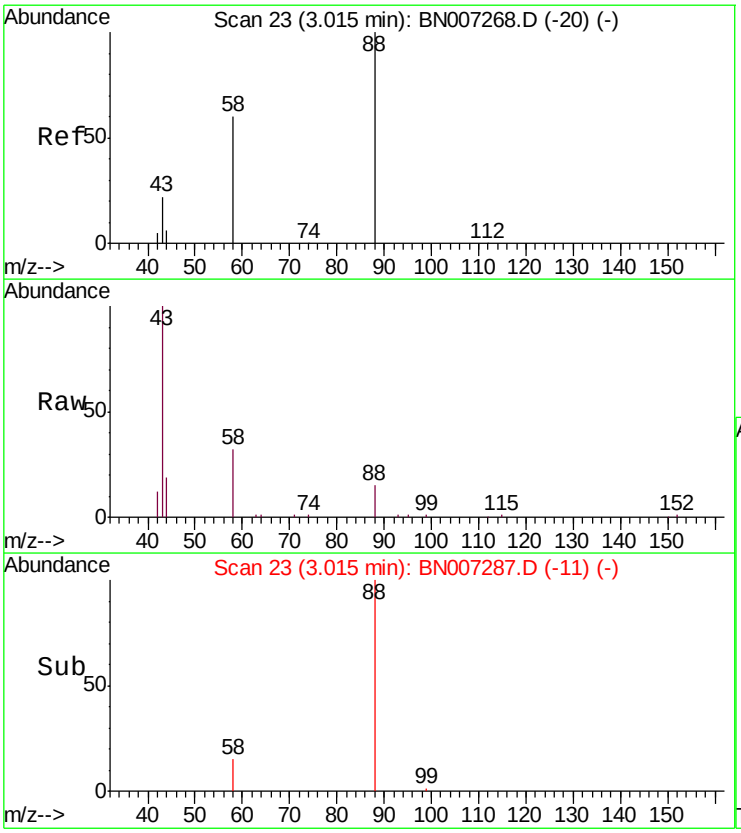
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5701

Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.8	185.8
115	58.2	47.3	70.9

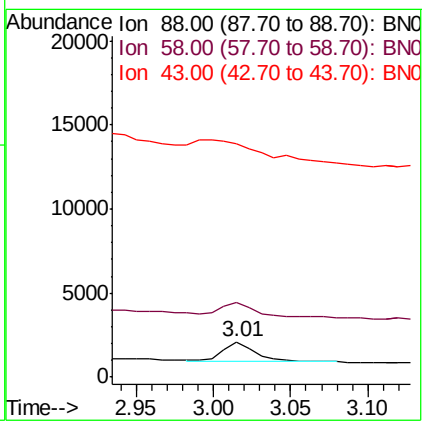


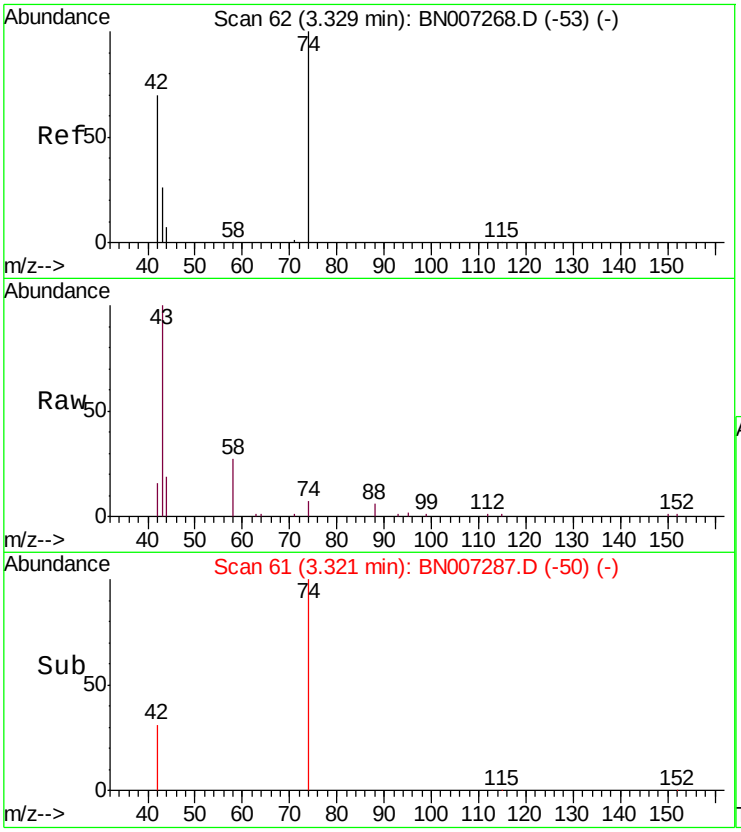


#2
1,4-Dioxane
Concen: 0.225 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion: 88 Resp: 1823

Ion	Ratio	Lower	Upper
88	100		
58	84.5	45.5	68.3#
43	217.0	20.4	30.6#



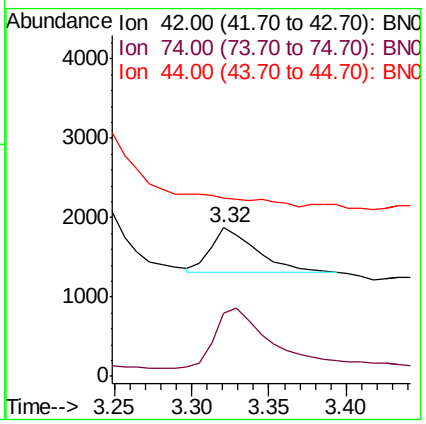


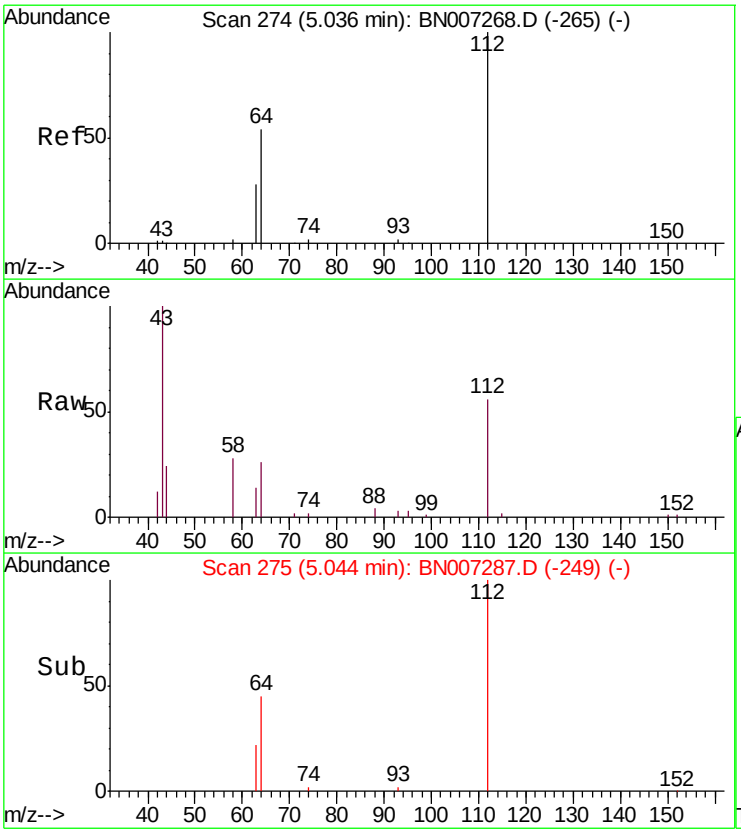
#3
n-Nitrosodimethylamine
Concen: 0.208 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1126

Ion	Ratio	Lower	Upper
42	100		
74	166.9	109.0	163.4#
44	0.0	4.2	6.2#

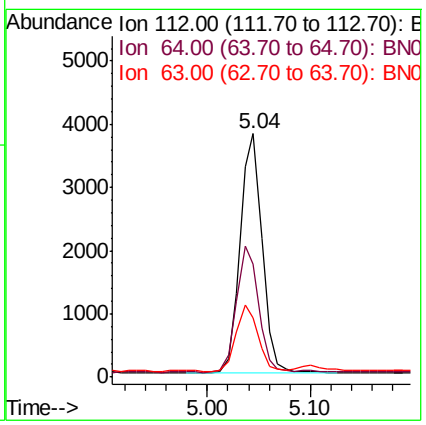


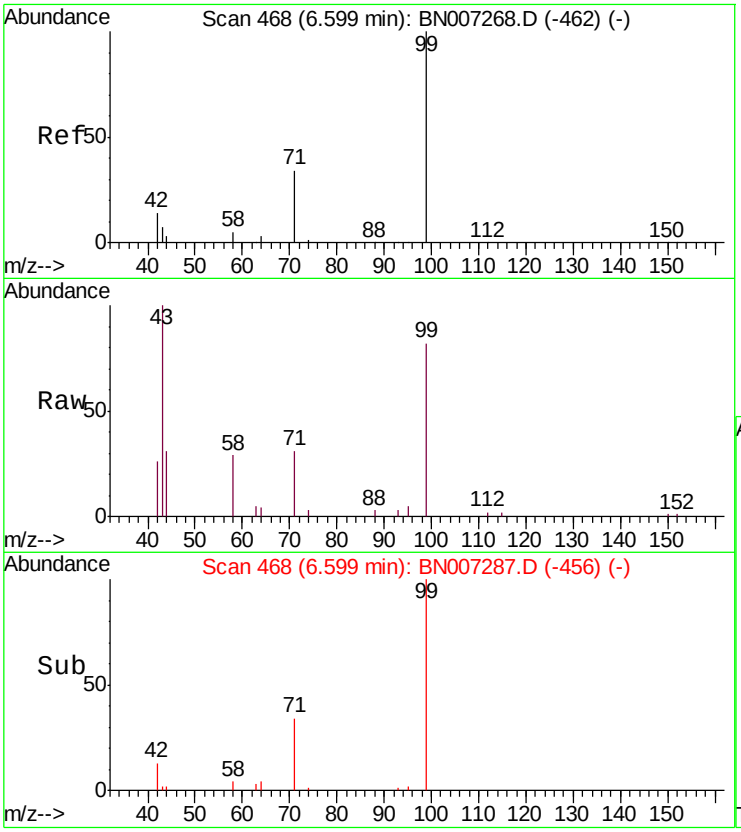


#4
2-Fluorophenol
Concen: 0.327 ng
RT: 5.04 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:112 Resp: 5680

Ion	Ratio	Lower	Upper
112	100		
64	52.3	41.8	62.8
63	27.1	22.6	34.0



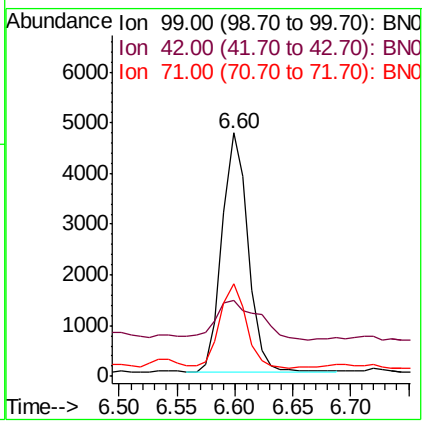


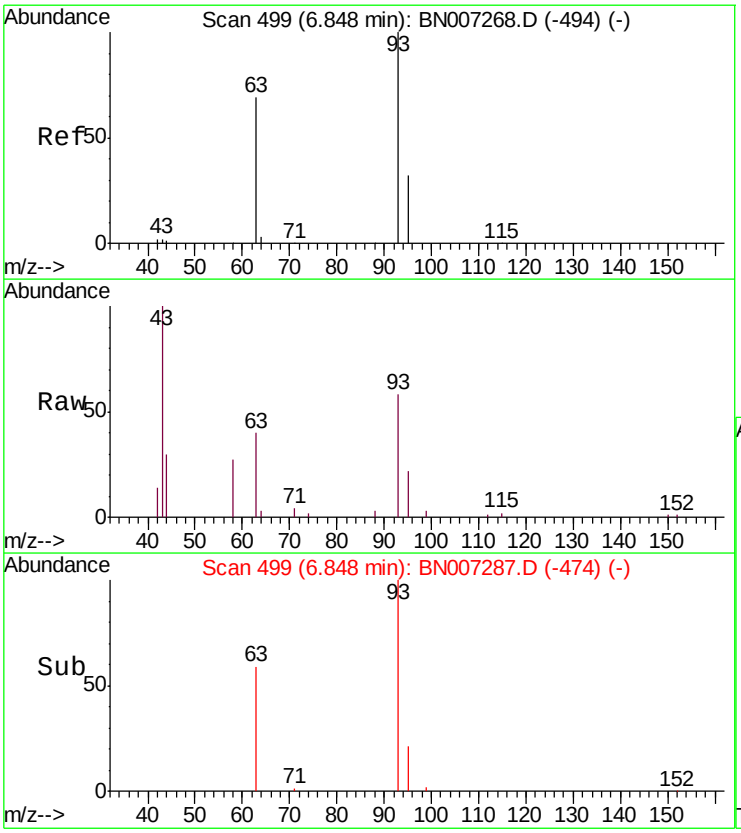
#5
Phenol-d6
Concen: 0.368 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7385

Ion	Ratio	Lower	Upper
99	100		
42	27.4	14.3	21.5#
71	36.1	27.3	40.9

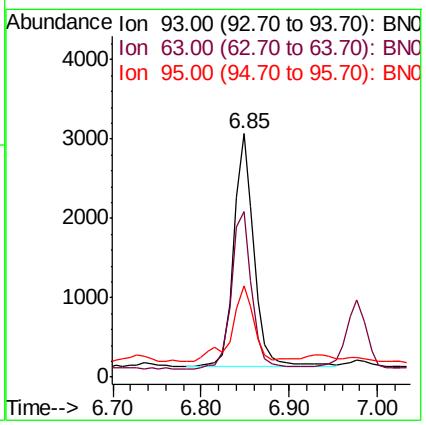


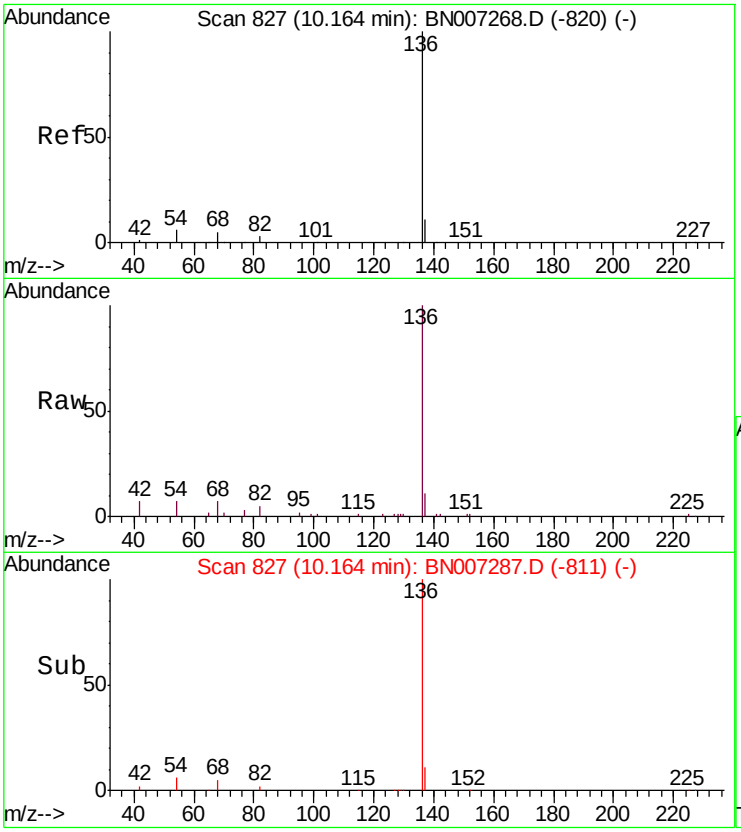


#6
bis(2-Chloroethyl)ether
Concen: 0.278 ng
RT: 6.85 min Scan# 499
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion: 93 Resp: 4675

Ion	Ratio	Lower	Upper
93	100		
63	68.1	54.4	81.6
95	35.8	25.5	38.3



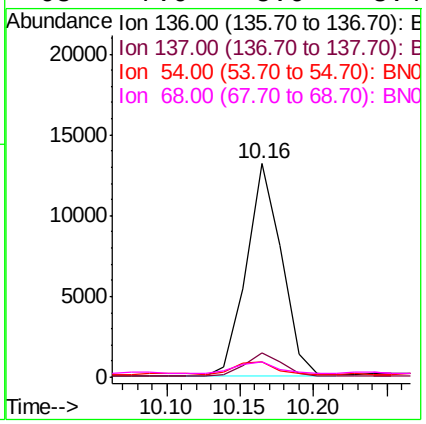


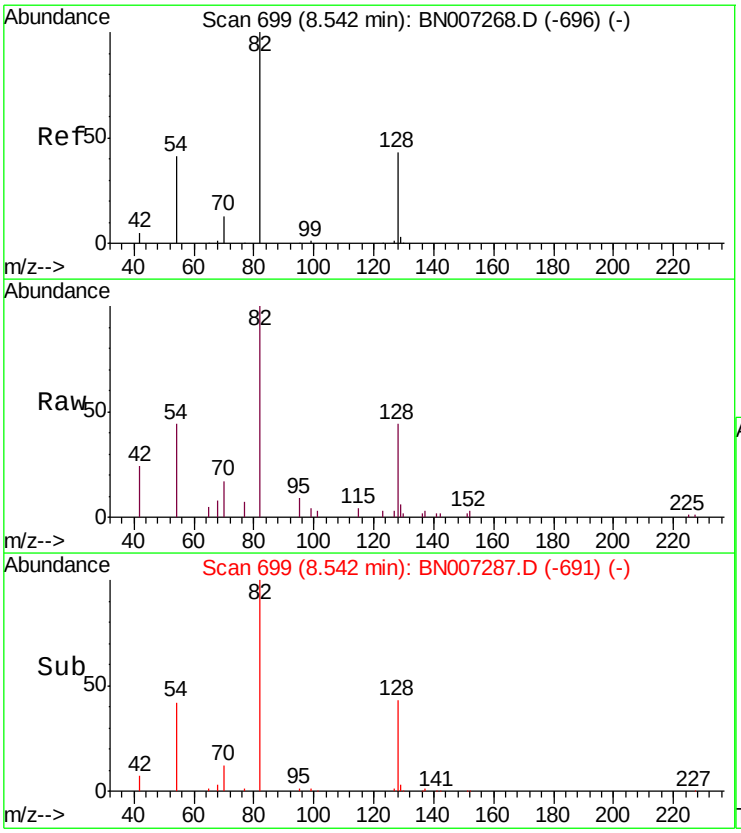
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 21801

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.1	5.9	8.9
68	7.0	5.6	8.4

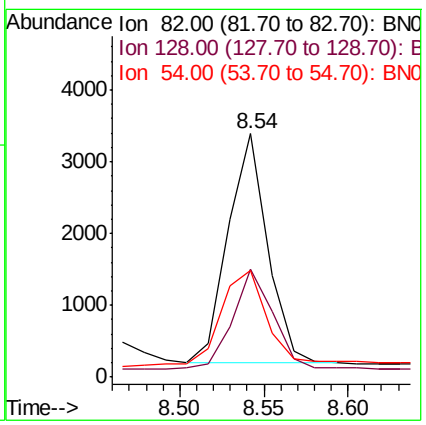


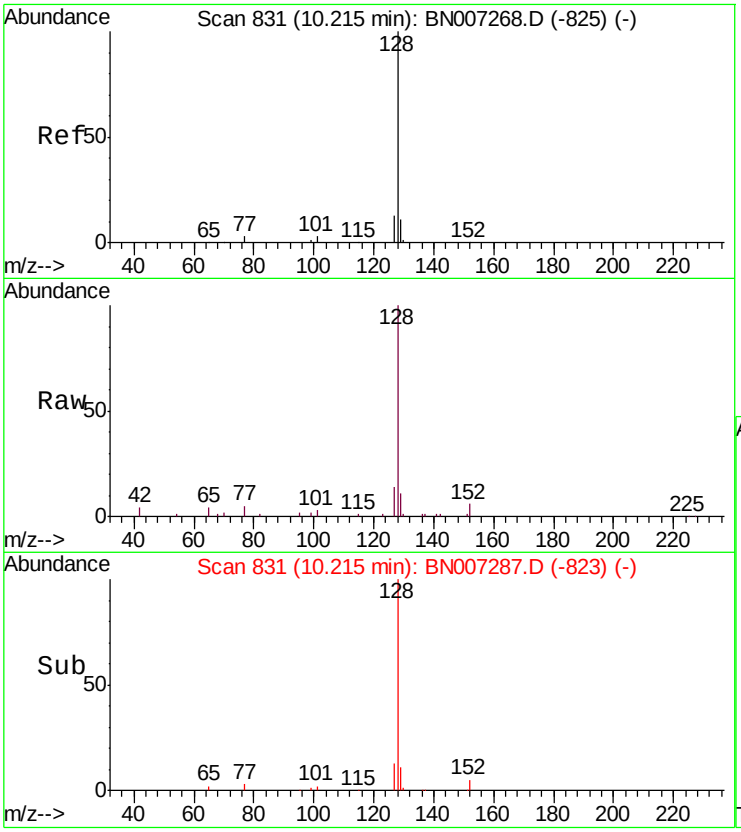


#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.54 min Scan# 699
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion: 82 Resp: 5188

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.8	53.6
54	44.0	34.7	52.1



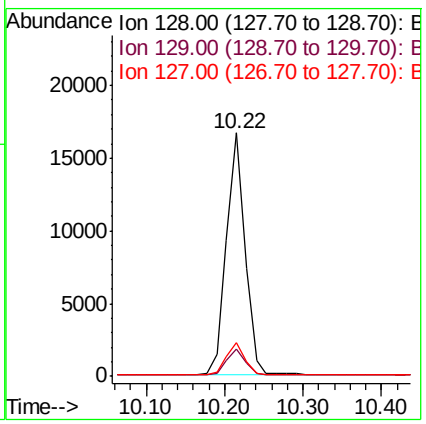


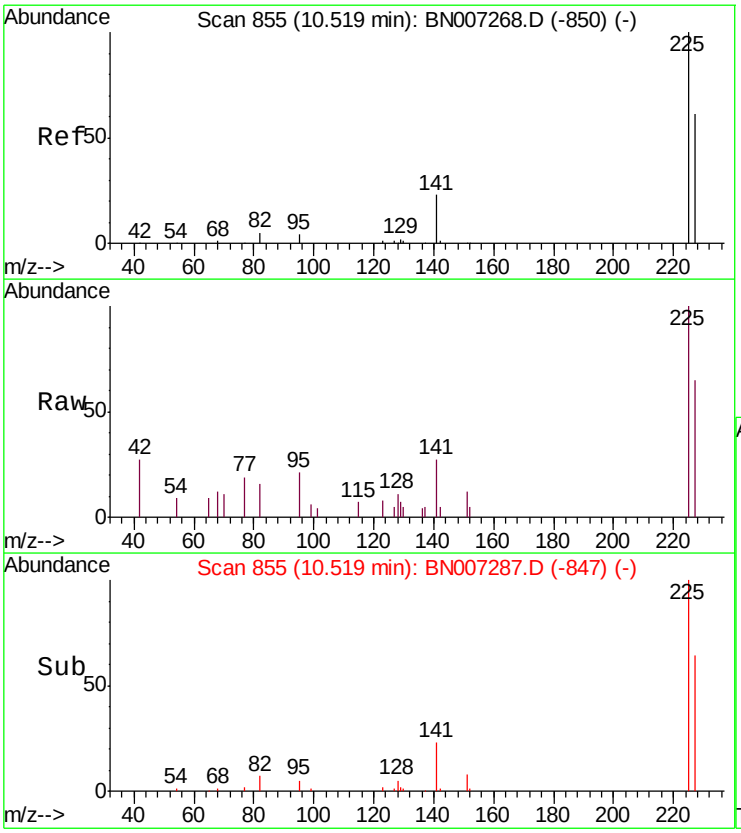
#9
Naphthalene
Concen: 0.442 ng
RT: 10.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 27336

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.7	10.6	16.0

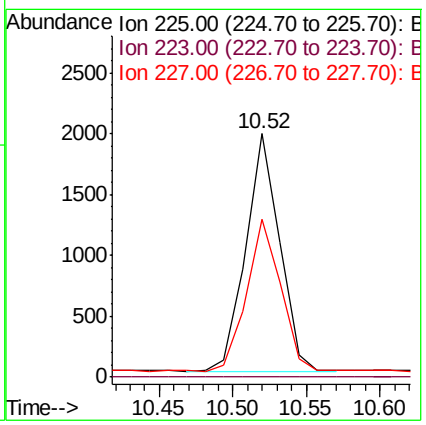


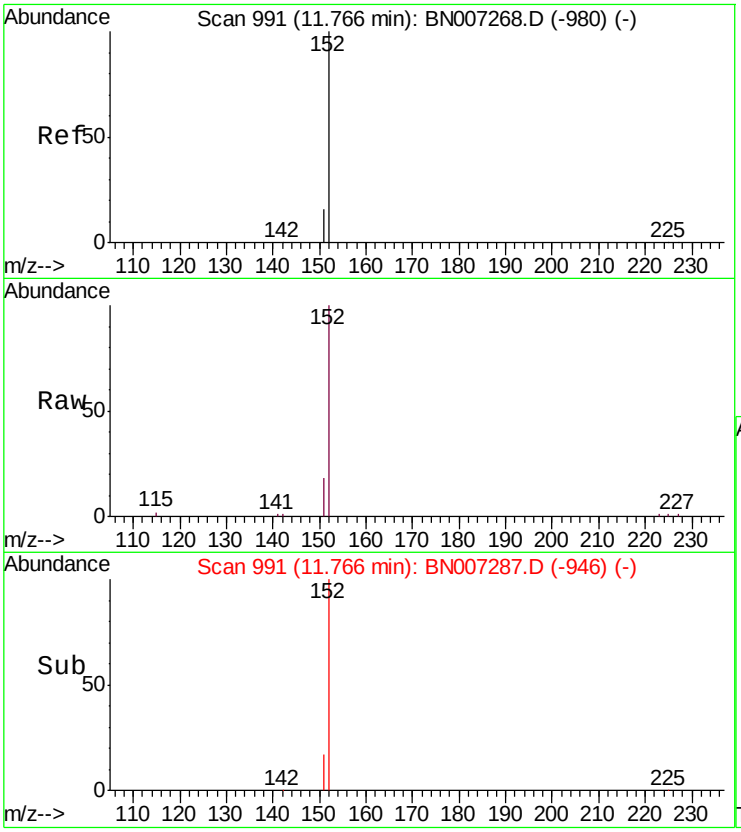


#10
Hexachlorobutadiene
Concen: 0.228 ng
RT: 10.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:225 Resp: 3111

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.0	50.2	75.2



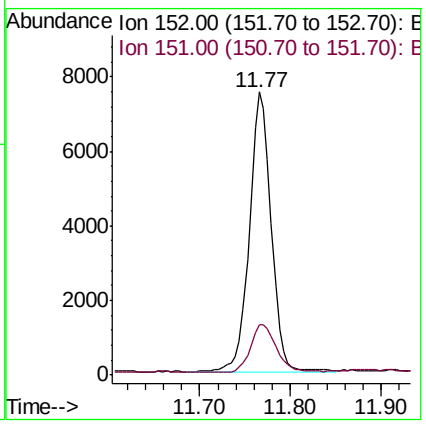


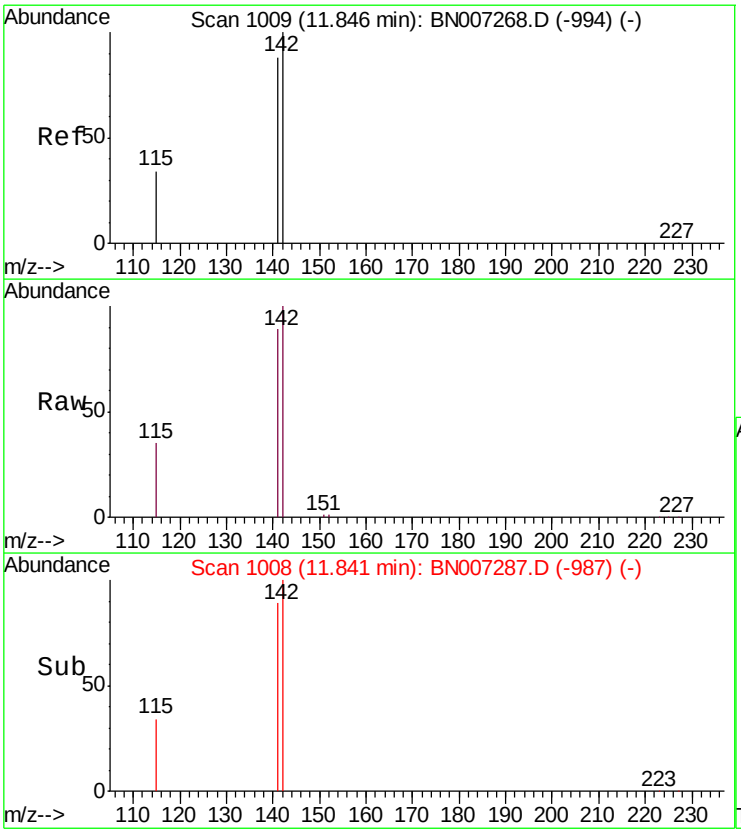
#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 11.77 min Scan# 991
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12578

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.2	22.8

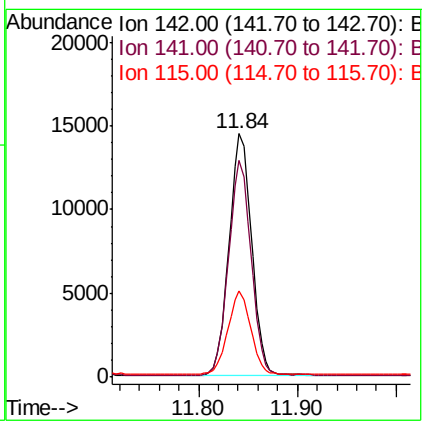


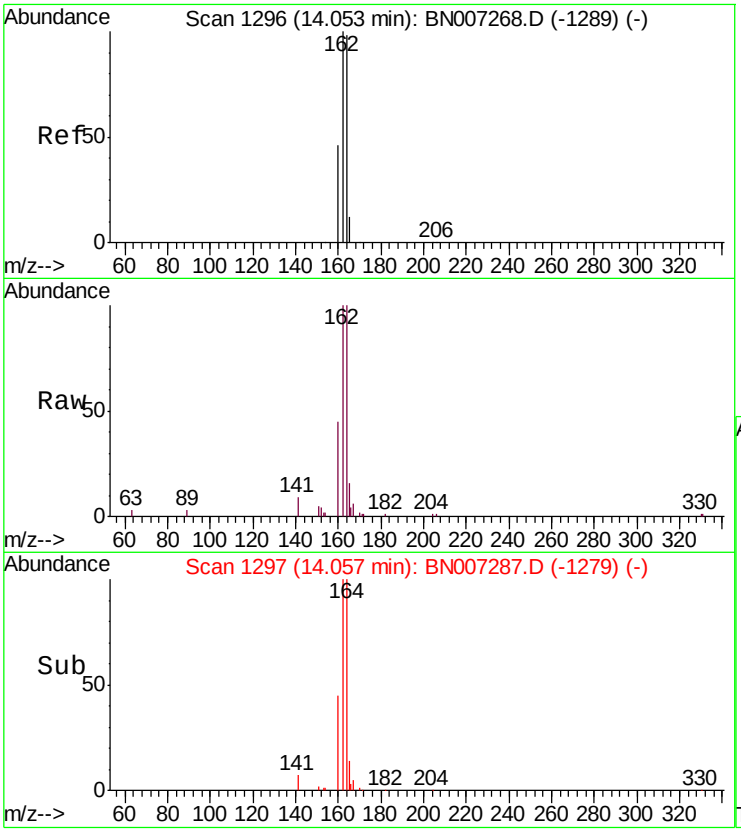


#12
2-Methylnaphthalene
Concen: 0.538 ng
RT: 11.84 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:142 Resp: 23028

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.7	106.1
115	35.4	28.1	42.1



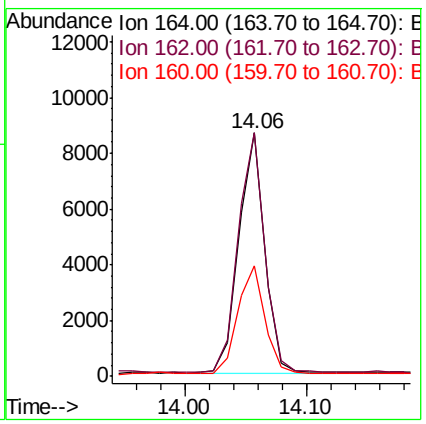


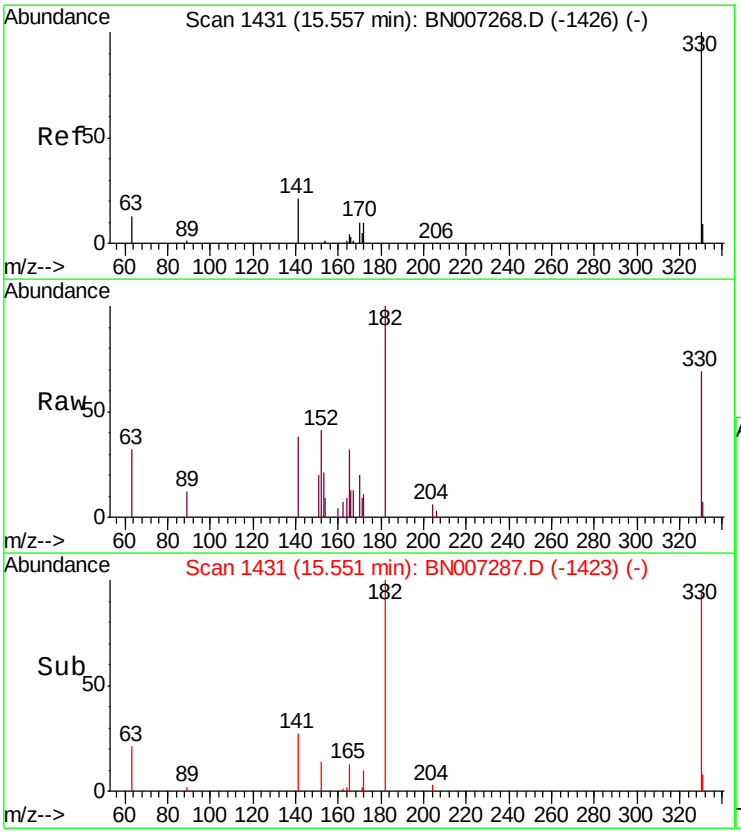
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 12707

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.0	123.0
160	45.5	38.2	57.4

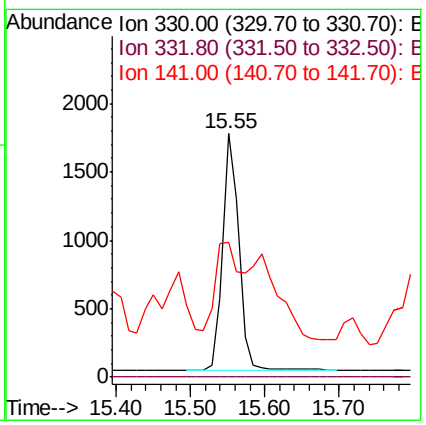


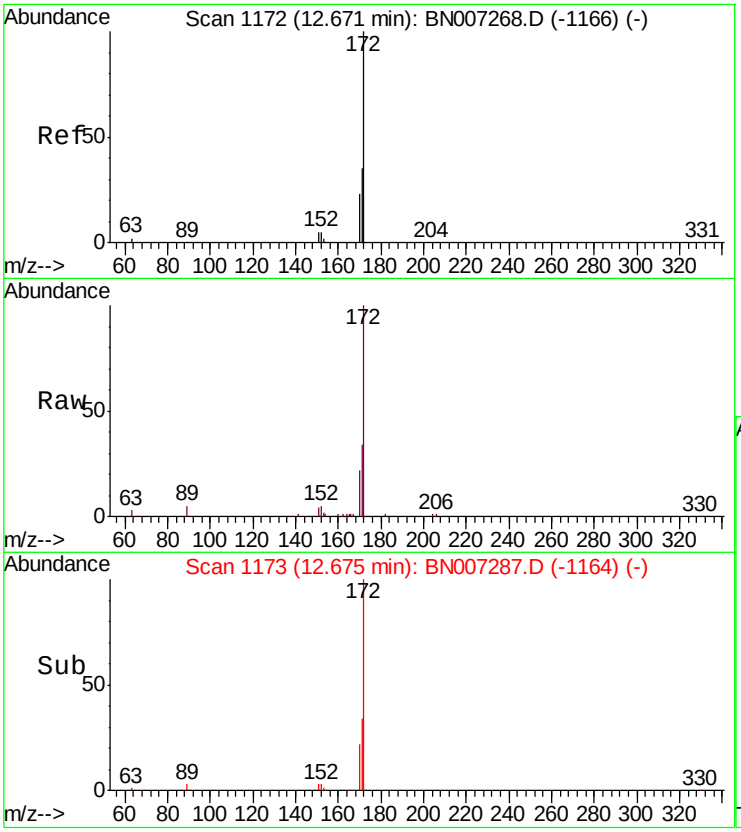


#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:330 Resp: 2658

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	57.8	30.3	45.5#



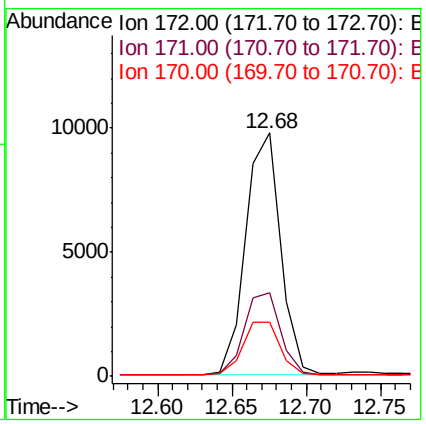


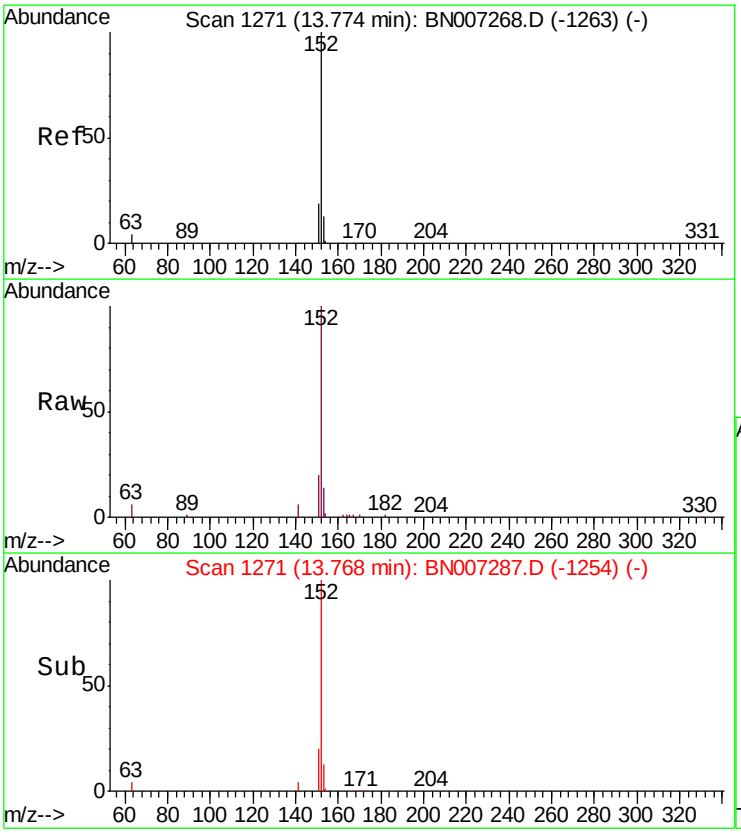
#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 15944

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.6	43.0
170	22.5	18.7	28.1

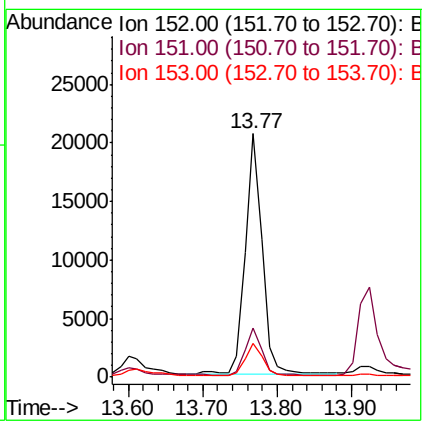


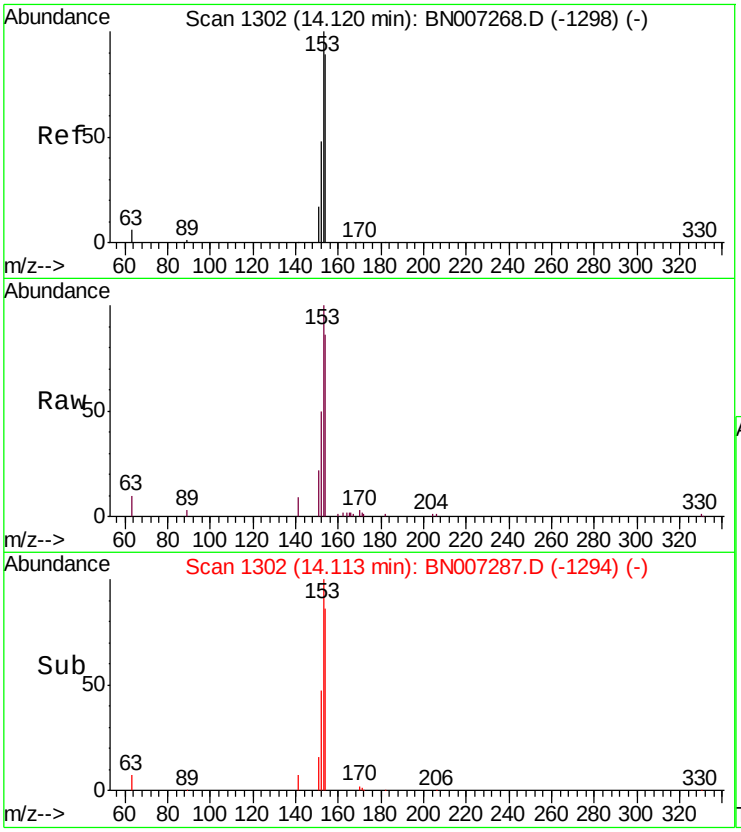


#16
Acenaphthylene
Concen: 0.483 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:152 Resp: 32565

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.8	10.1	15.1



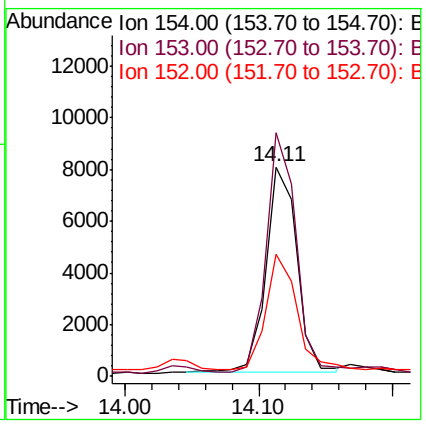


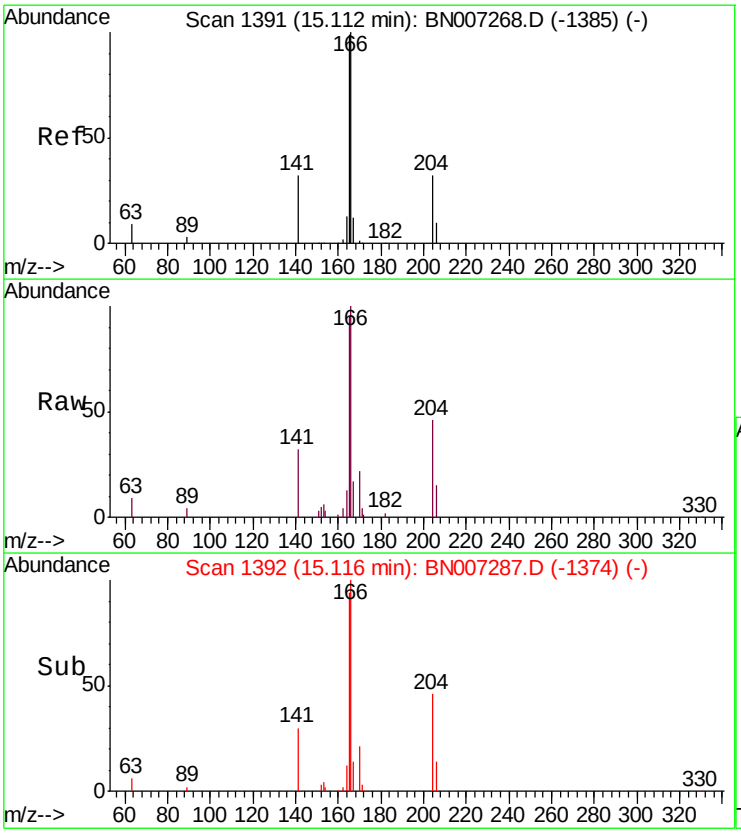
#17
Acenaphthene
Concen: 0.299 ng
RT: 14.11 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 12860

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.9	134.9
152	59.7	43.9	65.9

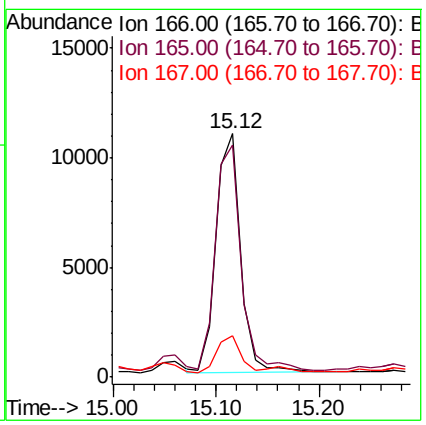


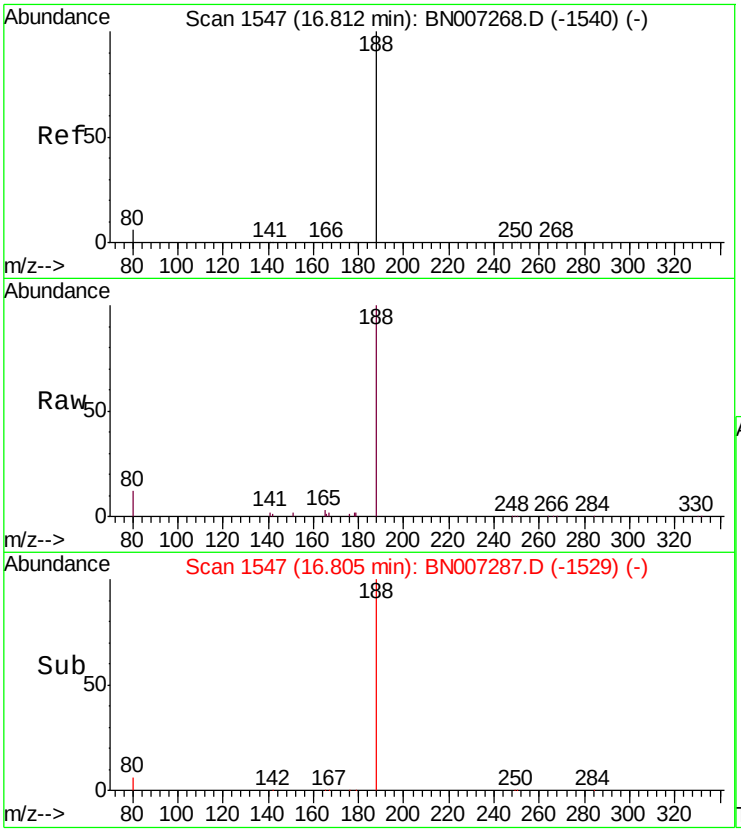


#18
Fluorene
Concen: 0.320 ng
RT: 15.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:166 Resp: 17968

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.3	117.5
167	15.2	11.1	16.7



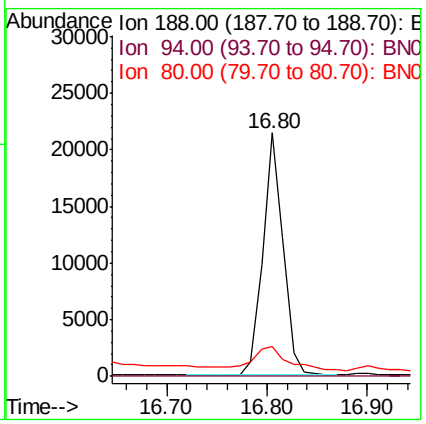


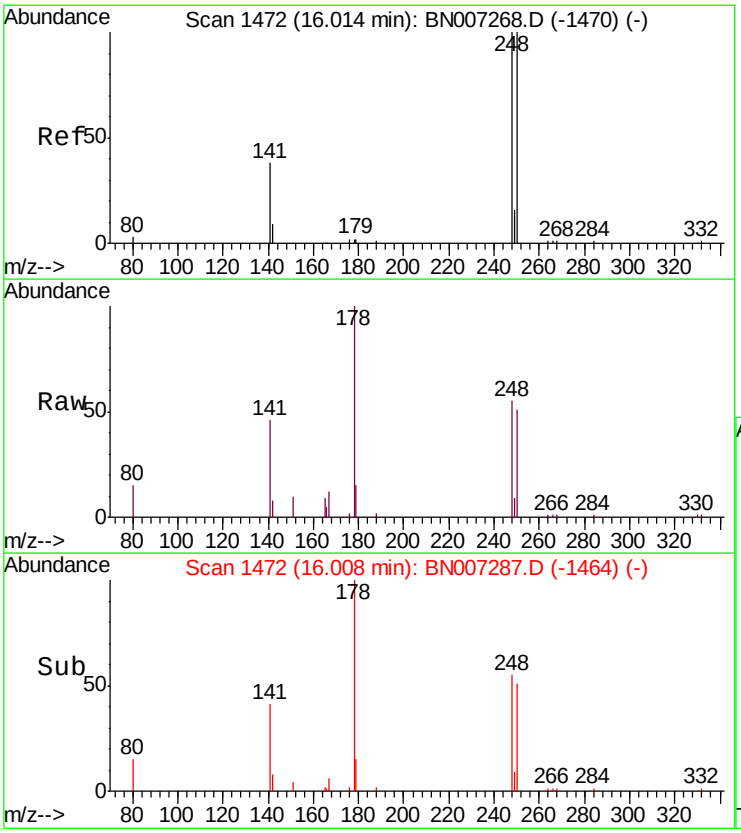
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 30050

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	5.2	7.8#

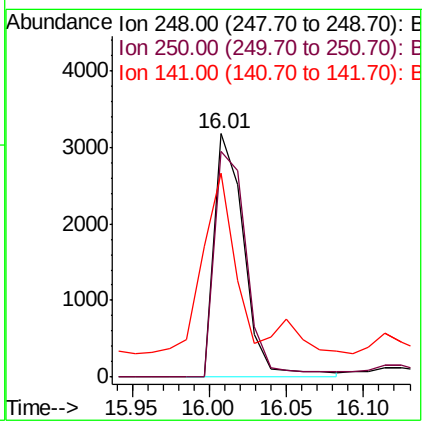


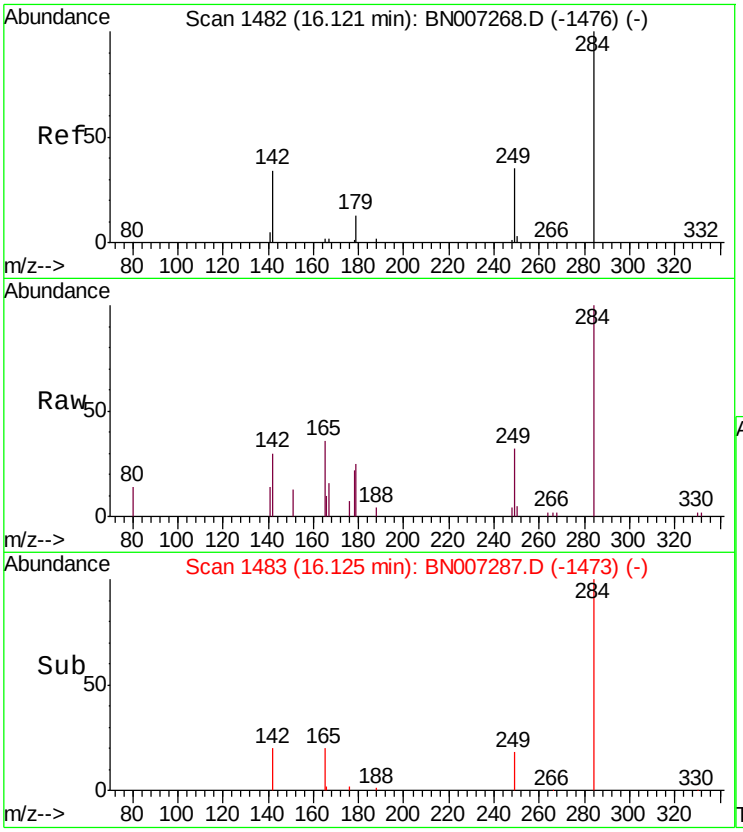


#20
4-Bromophenyl-phenylether
Concen: 0.249 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:248 Resp: 4288

Ion	Ratio	Lower	Upper
248	100		
250	92.9	79.6	119.4
141	83.7	45.1	67.7#



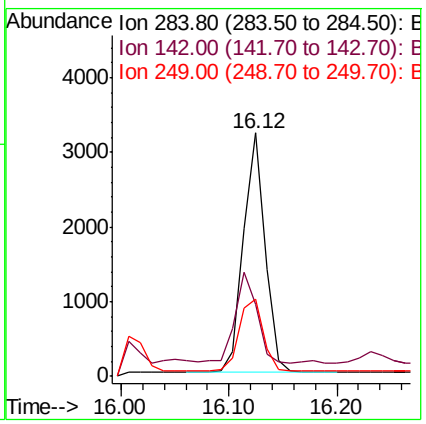


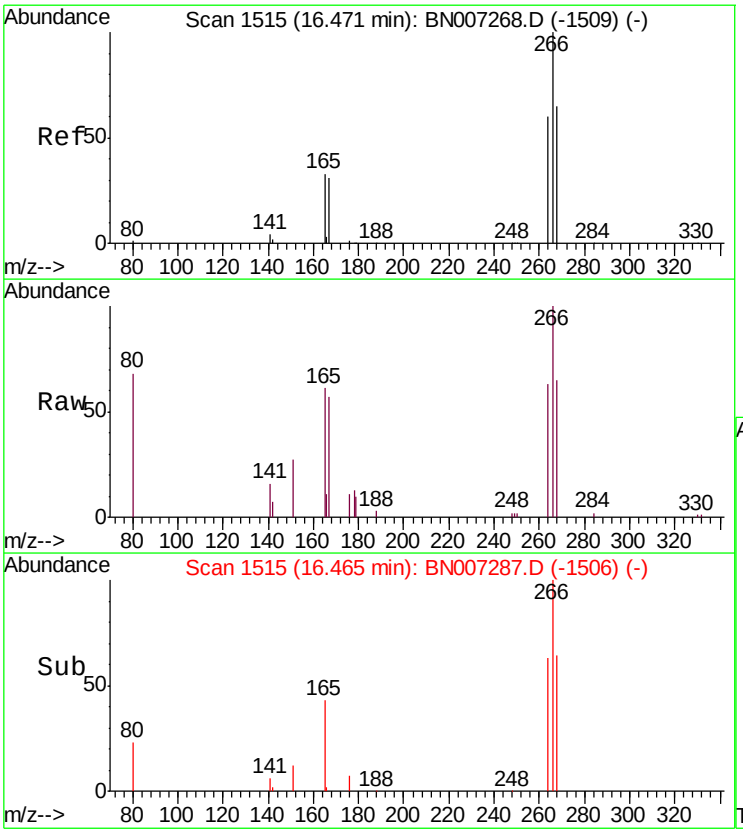
#21
Hexachlorobenzene
Concen: 0.224 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 4452

Ion	Ratio	Lower	Upper
284	100		
142	37.8	29.5	44.3
249	33.7	26.2	39.4

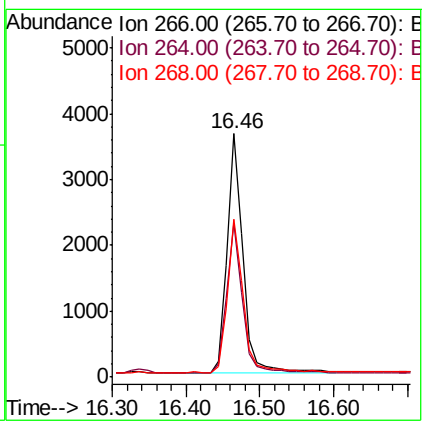


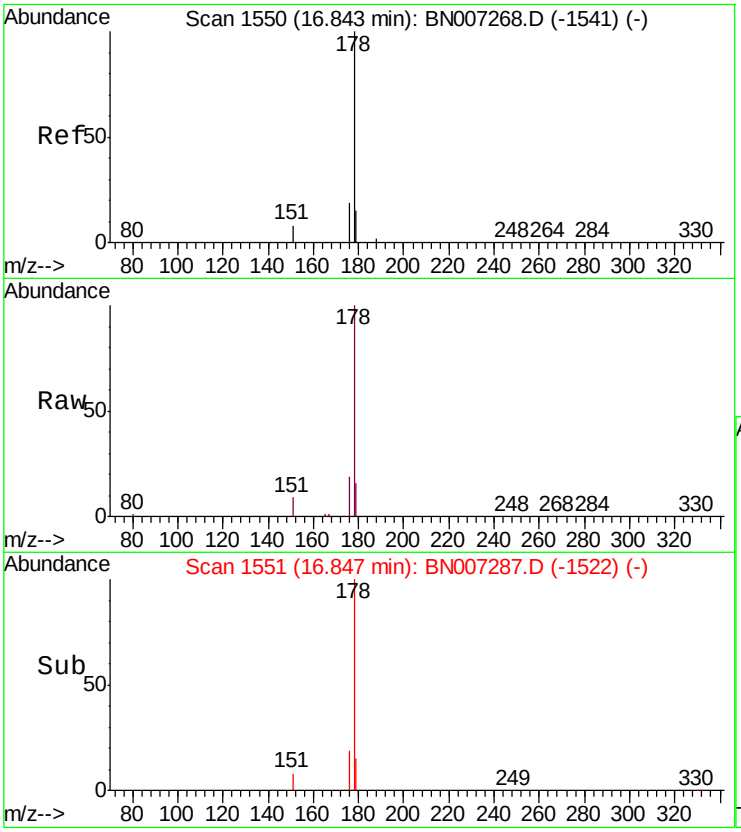


#22
Pentachlorophenol
Concen: 0.691 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:266 Resp: 5523

Ion	Ratio	Lower	Upper
266	100		
264	63.4	48.7	73.1
268	64.8	53.5	80.3



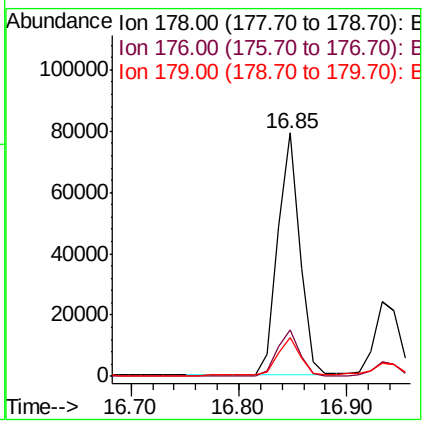


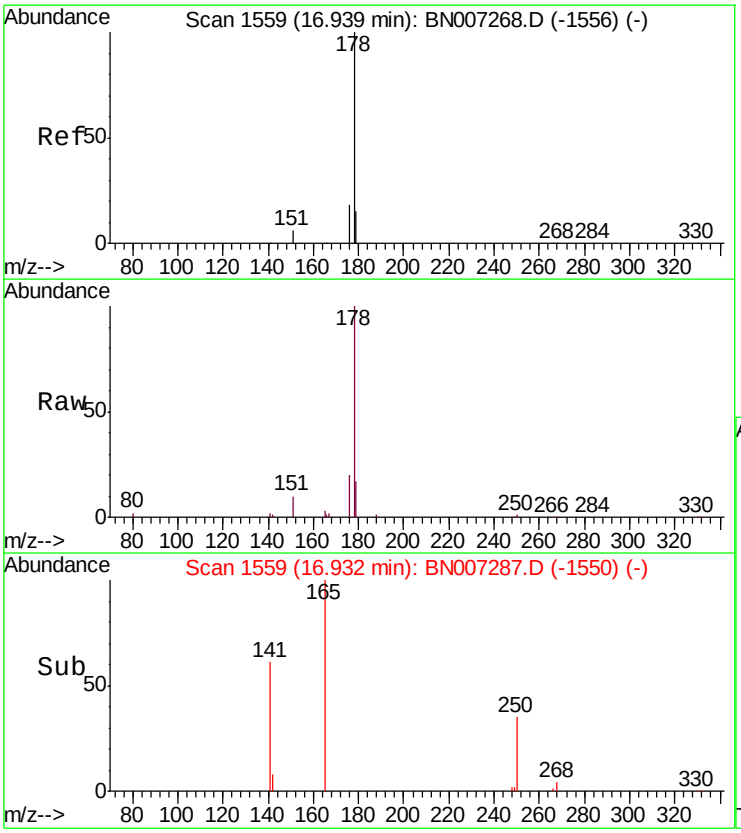
#23
Phenanthrene
Concen: 1.185 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 111581

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.3	12.3	18.5

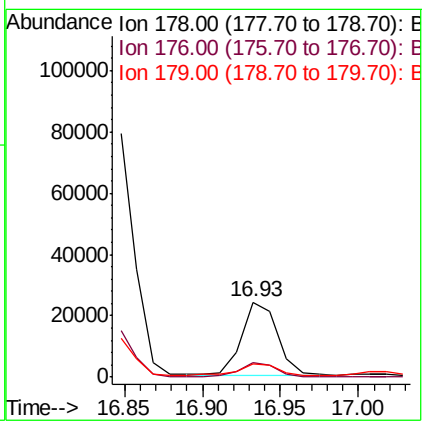


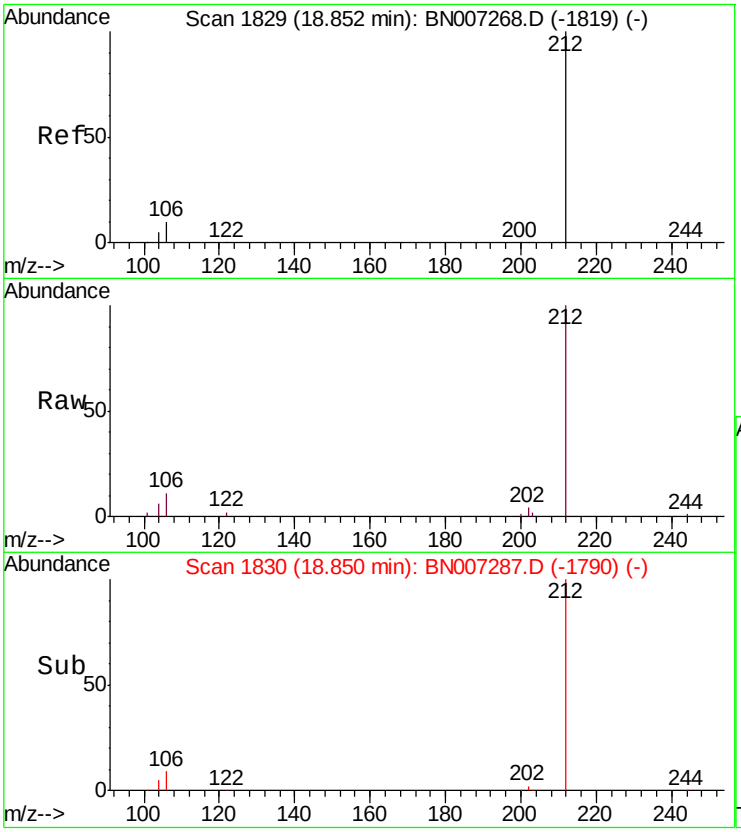


#24
Anthracene
Concen: 0.439 ng
RT: 16.93 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:178 Resp: 37204

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.3	21.5
179	17.1	12.3	18.5



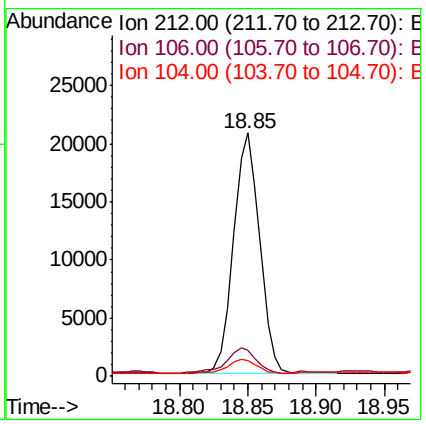


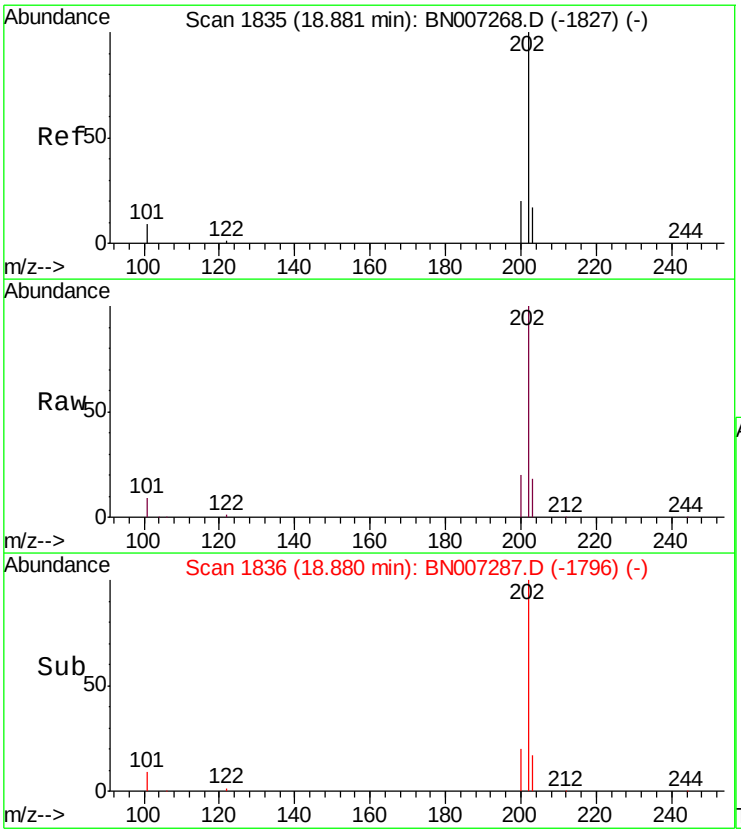
#25
Fluoranthene-d10
Concen: 0.287 ng
RT: 18.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 27321

Ion	Ratio	Lower	Upper
212	100		
106	11.9	8.2	12.4
104	6.4	4.7	7.1

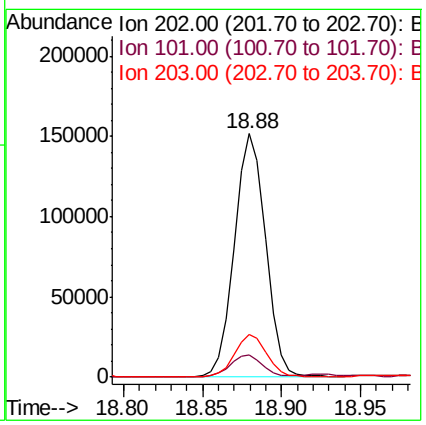


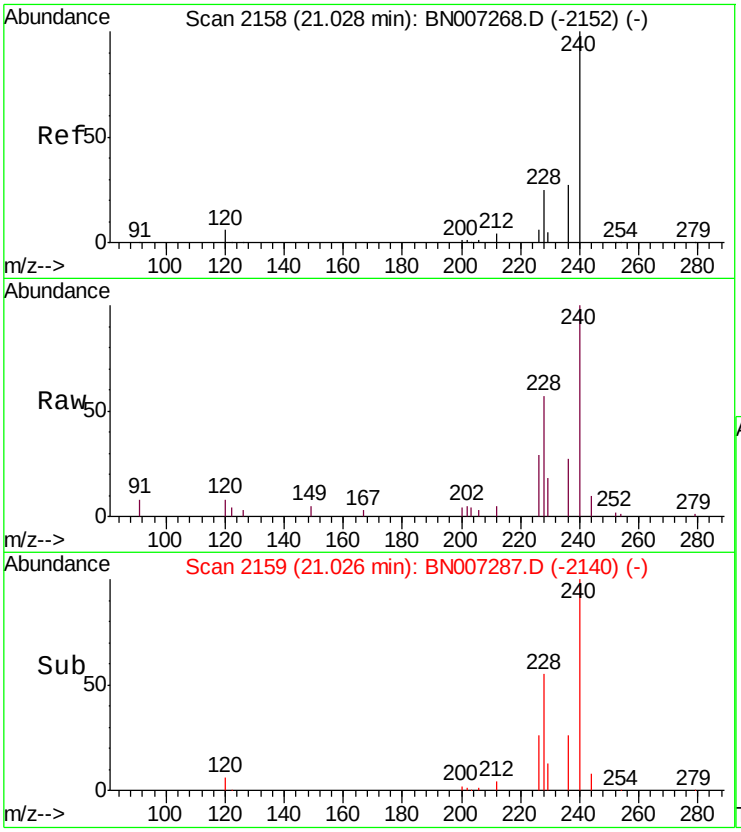


#26
Fluoranthene
Concen: 1.798 ng
RT: 18.88 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:202 Resp: 205072

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.2	10.8
203	17.5	13.8	20.6



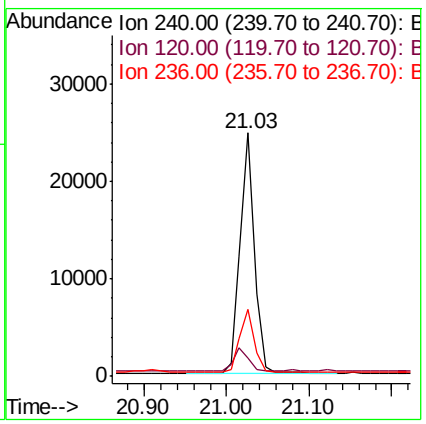


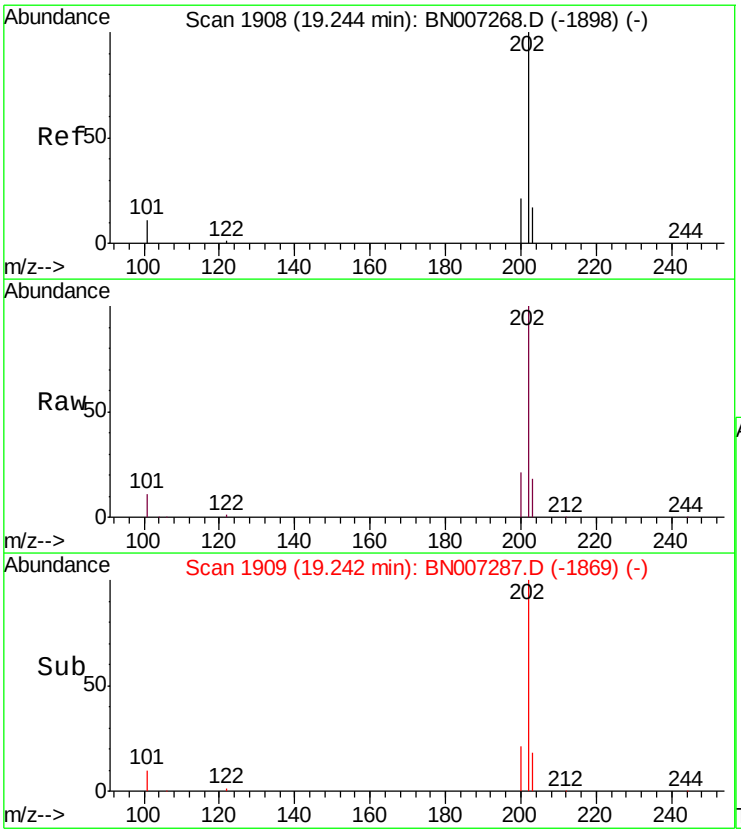
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 30409

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.6	8.4
236	27.4	21.6	32.4

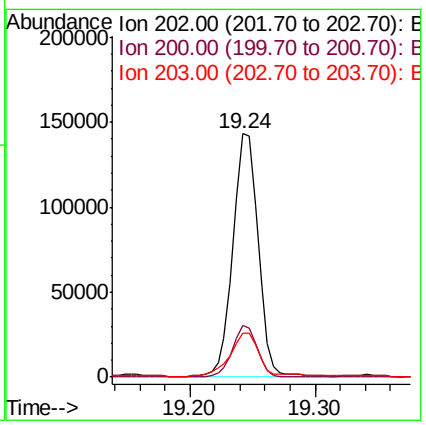


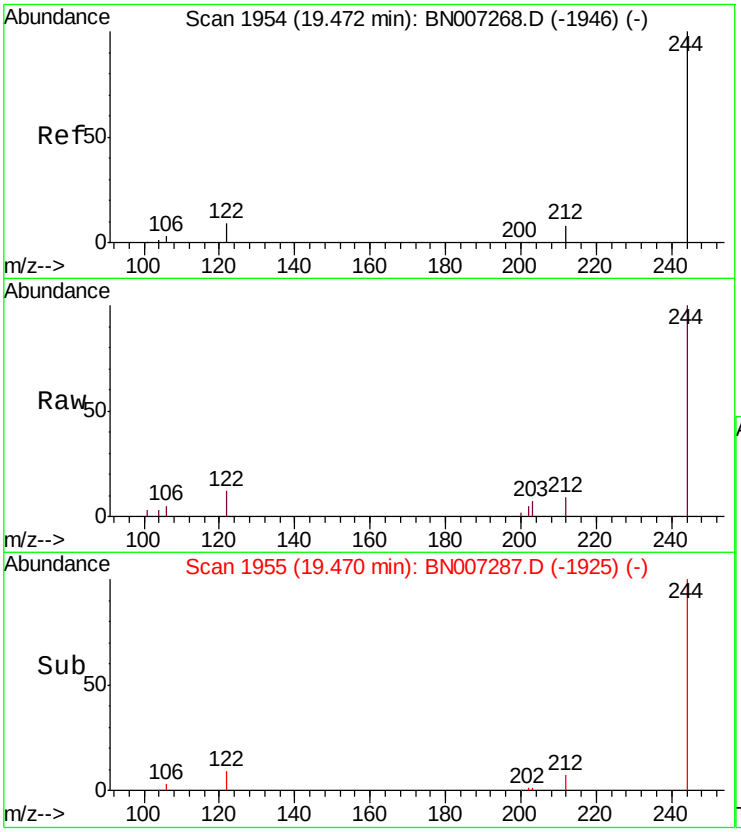


#28
Pyrene
Concen: 1.734 ng
RT: 19.24 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:202 Resp: 197195

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	20.5	13.9	20.9



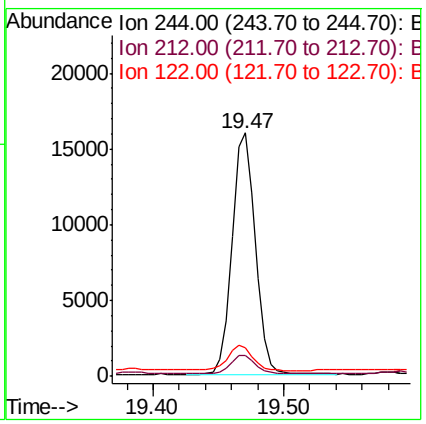


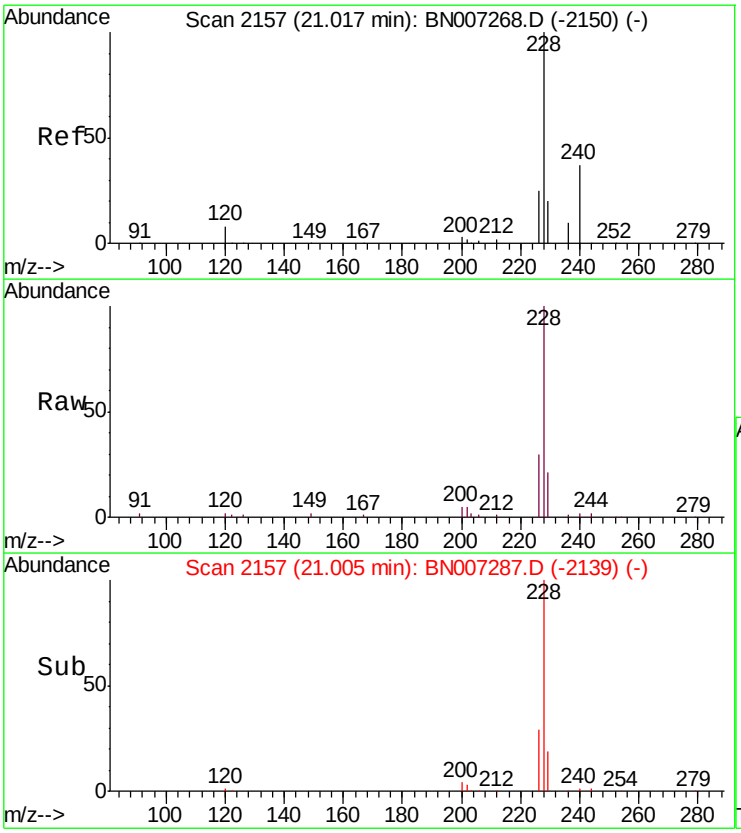
#29
Terphenyl-d14
Concen: 0.262 ng
RT: 19.47 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 19919

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	11.5	7.9	11.9

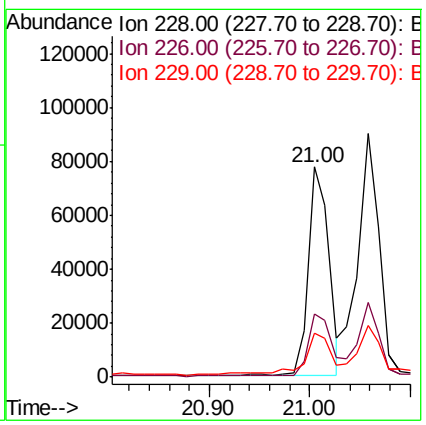


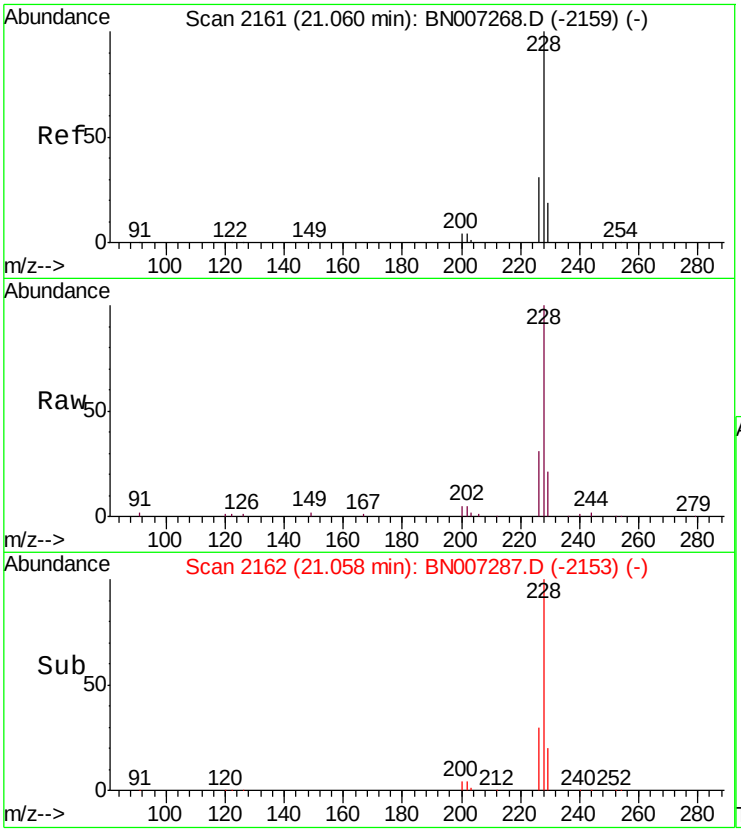


#30
Benzo(a)anthracene
Concen: 0.988 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:228 Resp: 111681

Ion	Ratio	Lower	Upper
228	100		
226	29.9	20.6	30.8
229	20.8	16.9	25.3



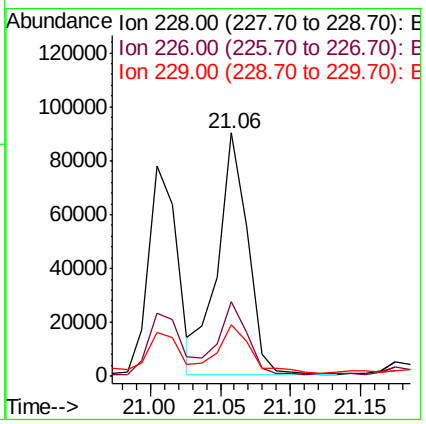


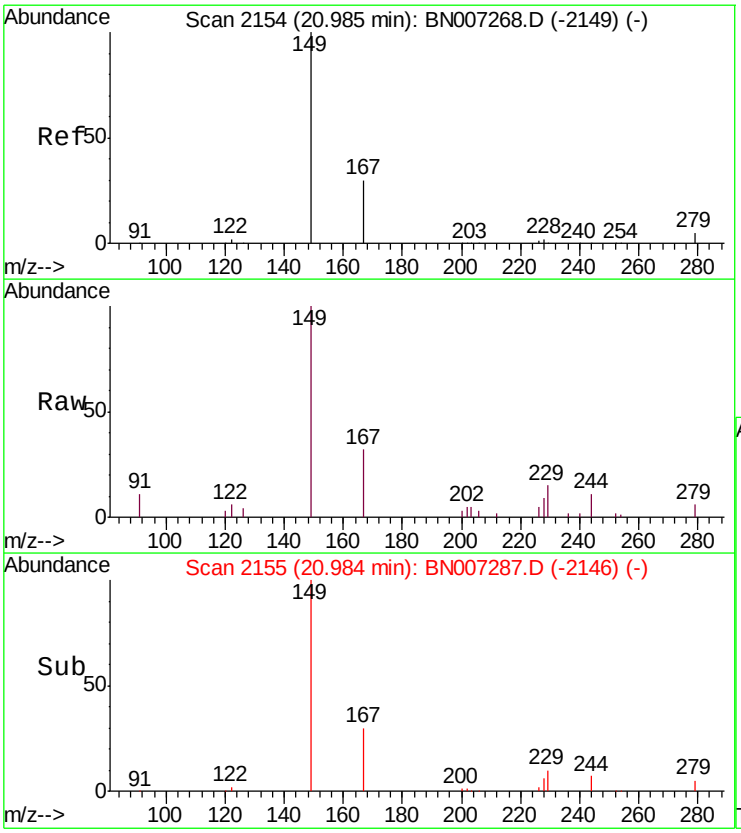
#31
Chrysene
Concen: 1.146 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 132281

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	36.8
229	21.4	15.6	23.4

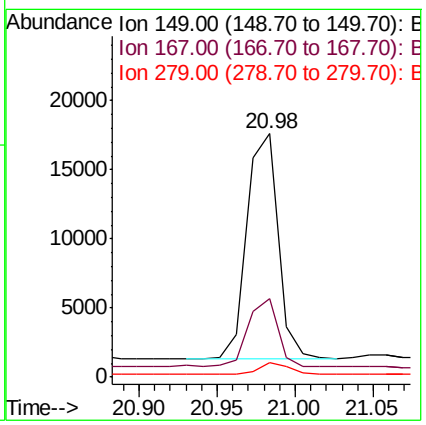


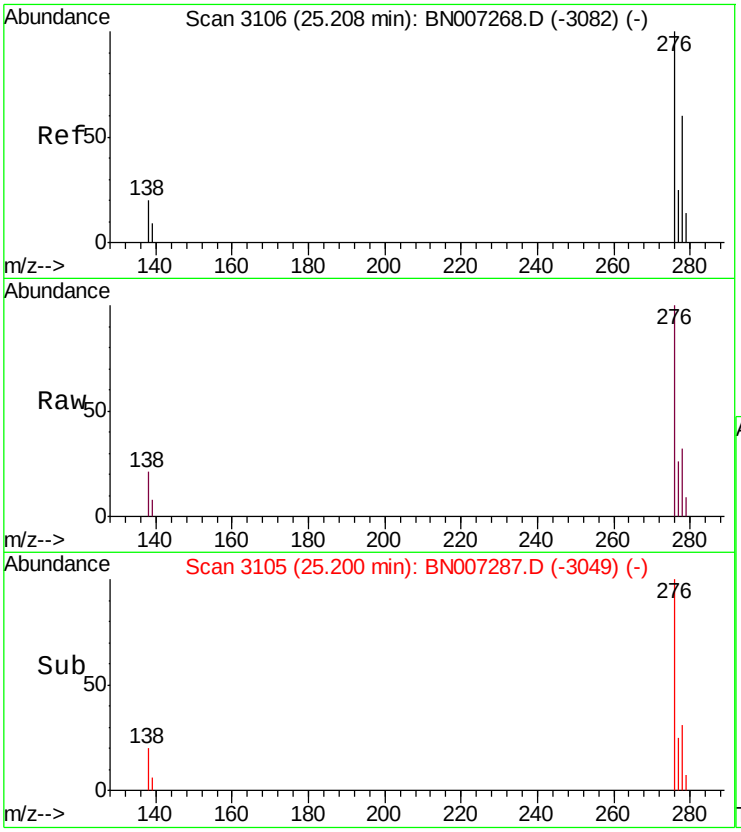


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.503 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:149 Resp: 22744

Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.8	35.6
279	5.1	3.8	5.8



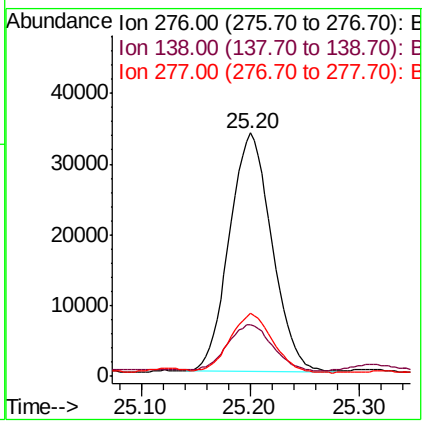


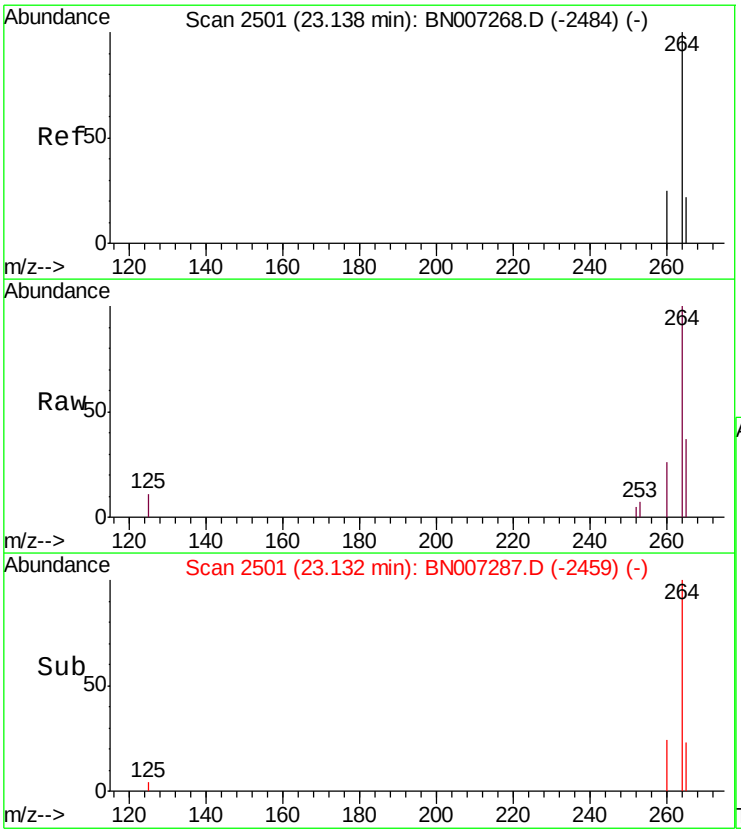
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.660 ng
RT: 25.20 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 91611

Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.1	25.7
277	25.0	20.1	30.1

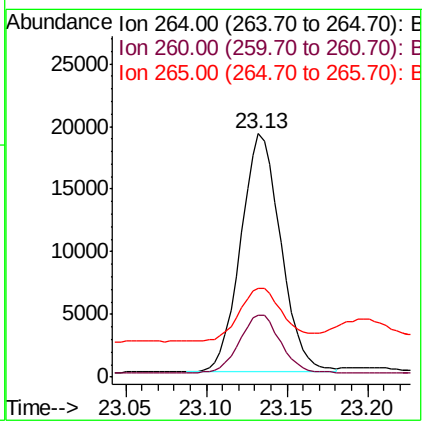


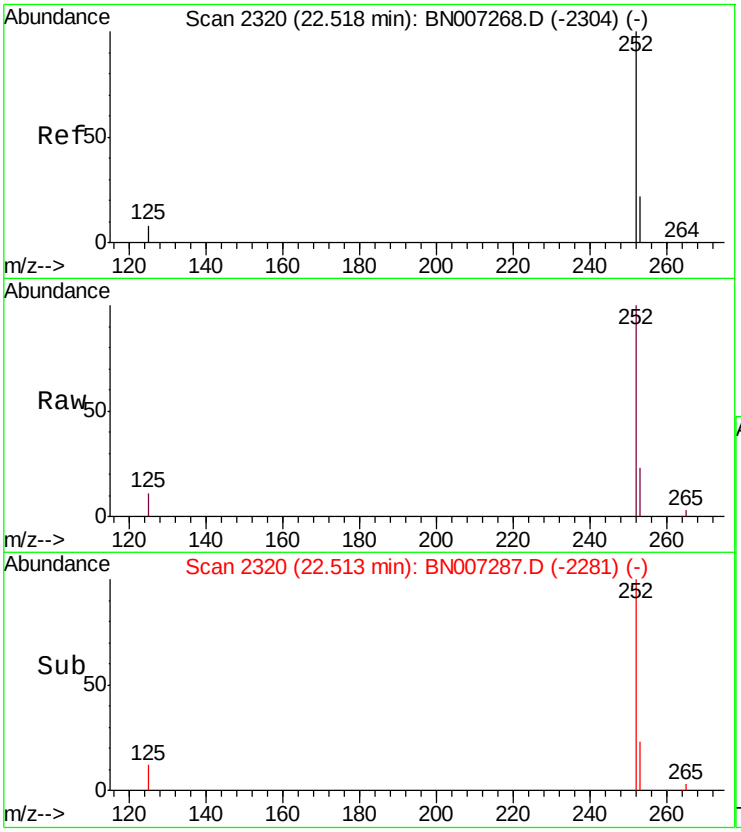


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:264 Resp: 32766

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	36.6	29.0	43.6



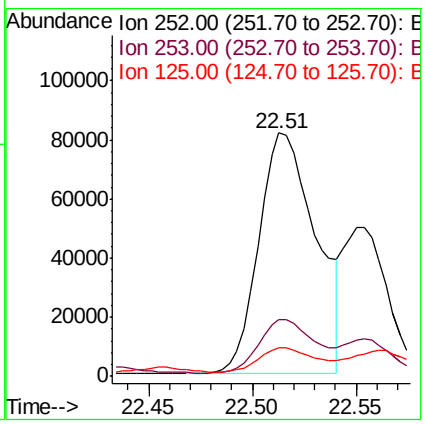


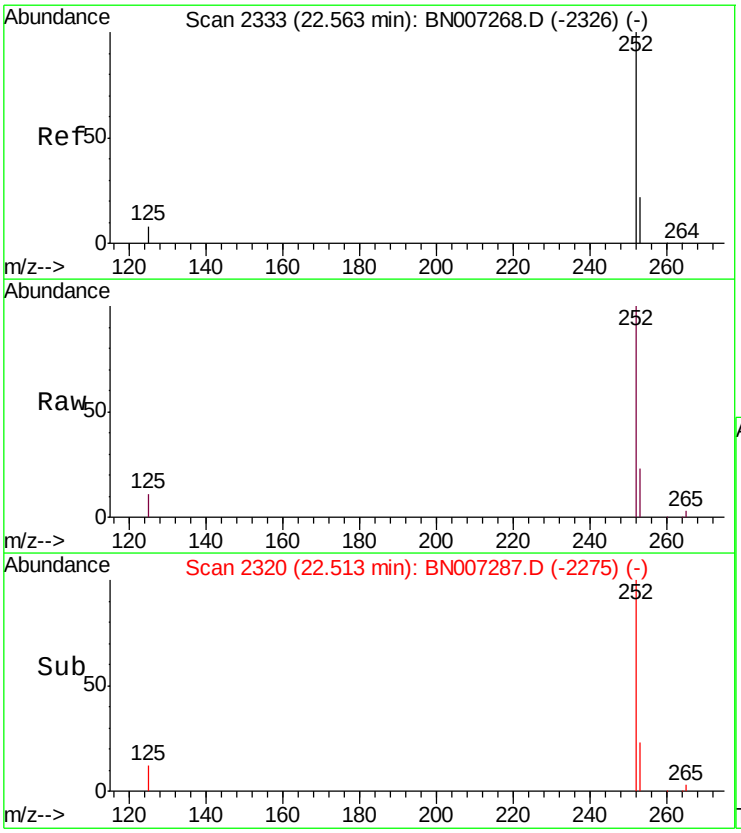
#35
Benzo(b)fluoranthene
Concen: 1.275 ng
RT: 22.51 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 155754

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.5	7.8	11.6

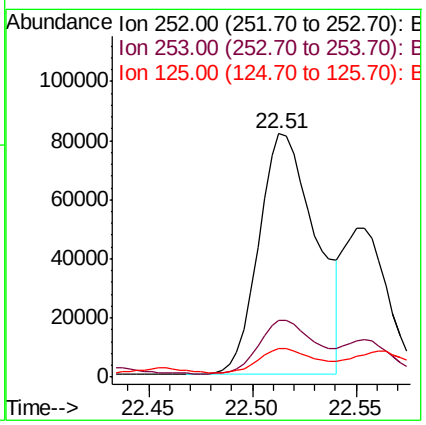


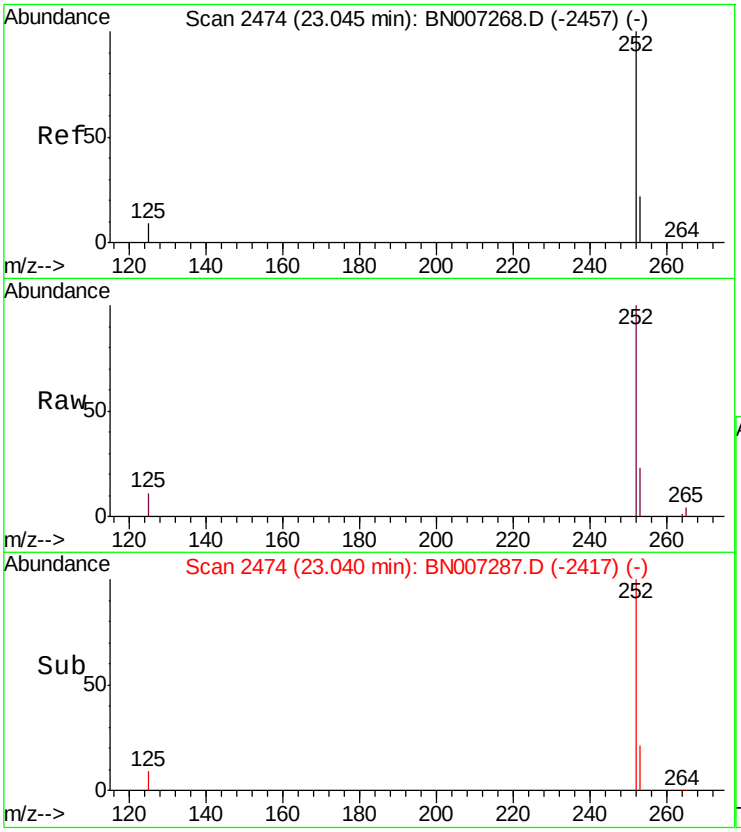


#36
Benzo(k)fluoranthene
Concen: 1.302 ng
RT: 22.51 min Scan# 2320
Delta R.T. -0.05 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:252 Resp: 155754

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	11.5	8.0	12.0



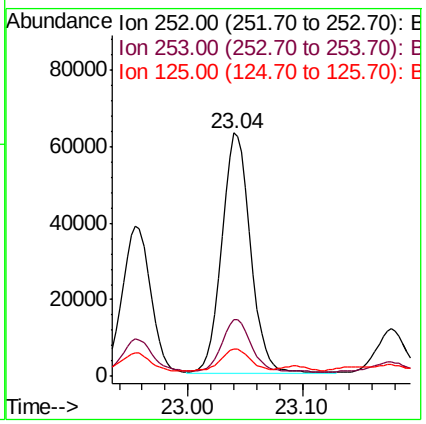


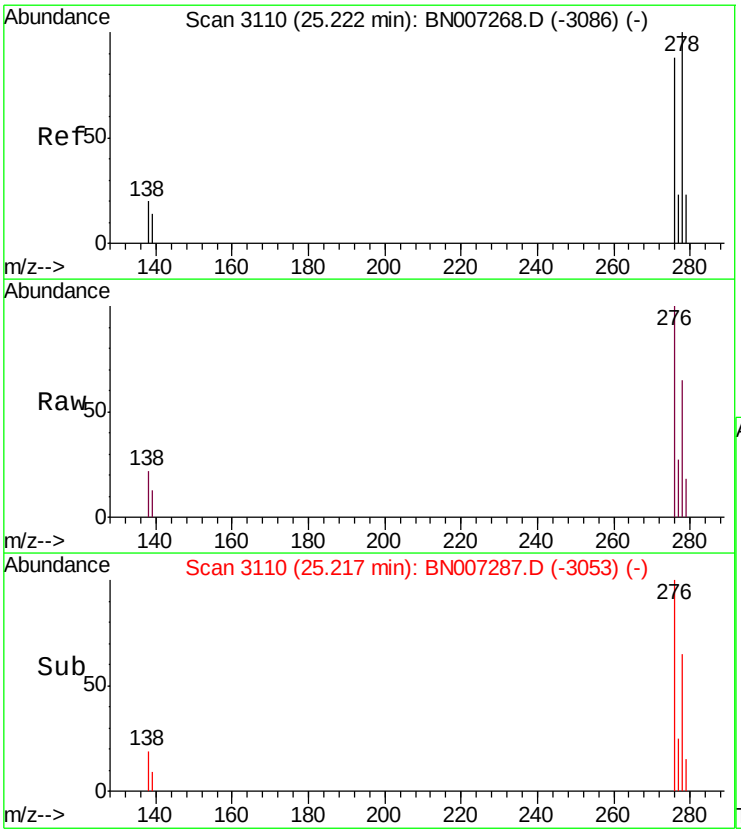
#37
Benzo(a)pyrene
Concen: 0.993 ng
RT: 23.04 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 109361

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	11.2	8.7	13.1

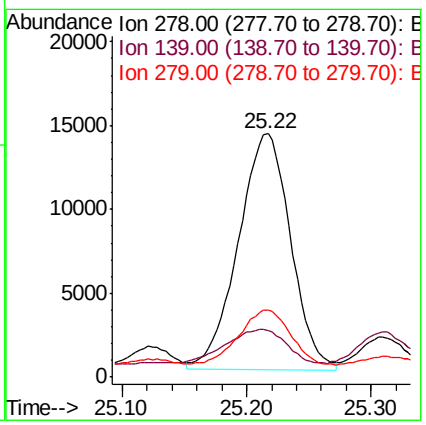


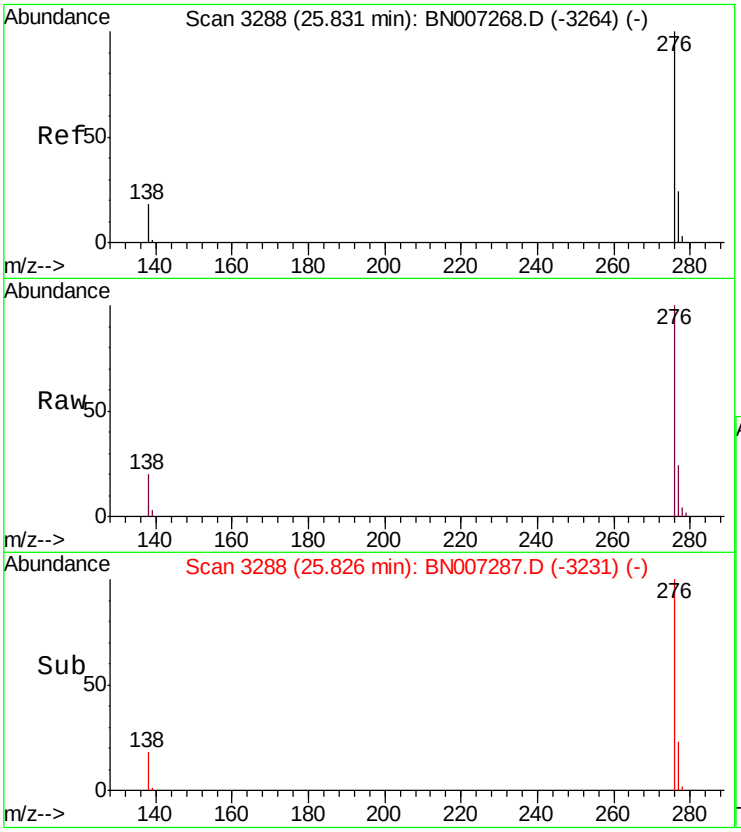


#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 25.22 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Tgt Ion:278 Resp: 41225

Ion	Ratio	Lower	Upper
278	100		
139	19.3	11.8	17.8#
279	27.4	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.749 ng
RT: 25.83 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BN007287.D
Acq: 21 Aug 2019 10:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 87559

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	20.2	15.3	22.9