Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
Data File : BN007605.D
Acq On : 12 Sep 2019 12:48
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DFTPP

Quant Time: Sep 12 13:39:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 12:56:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	7427	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	29448	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	15550	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	34726	0.40	ng		0.00
27) Chrysene-d12	21.27	240	35983	0.40	ng		0.00
34) Perylene-d12	23.50	264	33189	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	33790	1.49	ng		0.00
5) Phenol-d6	6.89	99	44246	1.27	ng		0.00
8) Nitrobenzene-d5	8.86	82	37536	2.09	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	80311	1.58	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	9092	1.54	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	110192	1.71	ng		0.00
25) Fluoranthene-d10	19.11	212	178778	1.58	ng		0.00
29) Terphenyl-d14	19.73	244	149970	1.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	15816	2.019	ng		89
3) n-Nitrosodimethylamine	3.03	42	2530	0.570	ng	#	1
6) bis(2-Chloroethyl)ether	7.15	93	37880	2.586	ng		92
9) Naphthalene	10.54	128	135766	1.639	ng		99
10) Hexachlorobutadiene	10.84	225	27385	1.649	ng	#	100
12) 2-Methylnaphthalene	12.16	142	92141	1.587	ng		100
16) Acenaphthylene	14.05	152	133769	1.602	ng		100
17) Acenaphthene	14.40	154	87333	1.655	ng		99
18) Fluorene	15.39	166	110741	1.594	ng		99
20) 4-Bromophenyl-phenylether	16.28	248	35071	1.708	ng	#	89
21) Hexachlorobenzene	16.40	284	37000	1.713	ng		99
22) Pentachlorophenol	16.74	266	9772	1.628	ng		99
23) Phenanthrene	17.12	178	177852	1.659	ng		100
24) Anthracene	17.22	178	160312	1.621	ng		100
26) Fluoranthene	19.14	202	212548	1.634	ng		100
28) Pyrene	19.51	202	207575	1.605	ng		100
30) Benzo(a)anthracene	21.26	228	203550	1.581	ng		99
31) Chrysene	21.31	228	215817	1.650	ng		98
32) Bis(2-ethylhexyl)phthalate	21.22	149	65987	1.498	ng		100
33) Indeno(1,2,3-cd)pyrene	25.72	276	225741	1.632	ng		100
35) Benzo(b)fluoranthene	22.83	252	203196	1.722	ng		99
36) Benzo(k)fluoranthene	22.88	252	205020	1.758	ng		97
37) Benzo(a)pyrene	23.40	252	179004	1.706	ng		98
38) Dibenzo(a,h)anthracene	25.74	278	187080	1.776	ng		98
39) Benzo(g,h,i)perylene	26.39	276	185183	1.736	ng		100

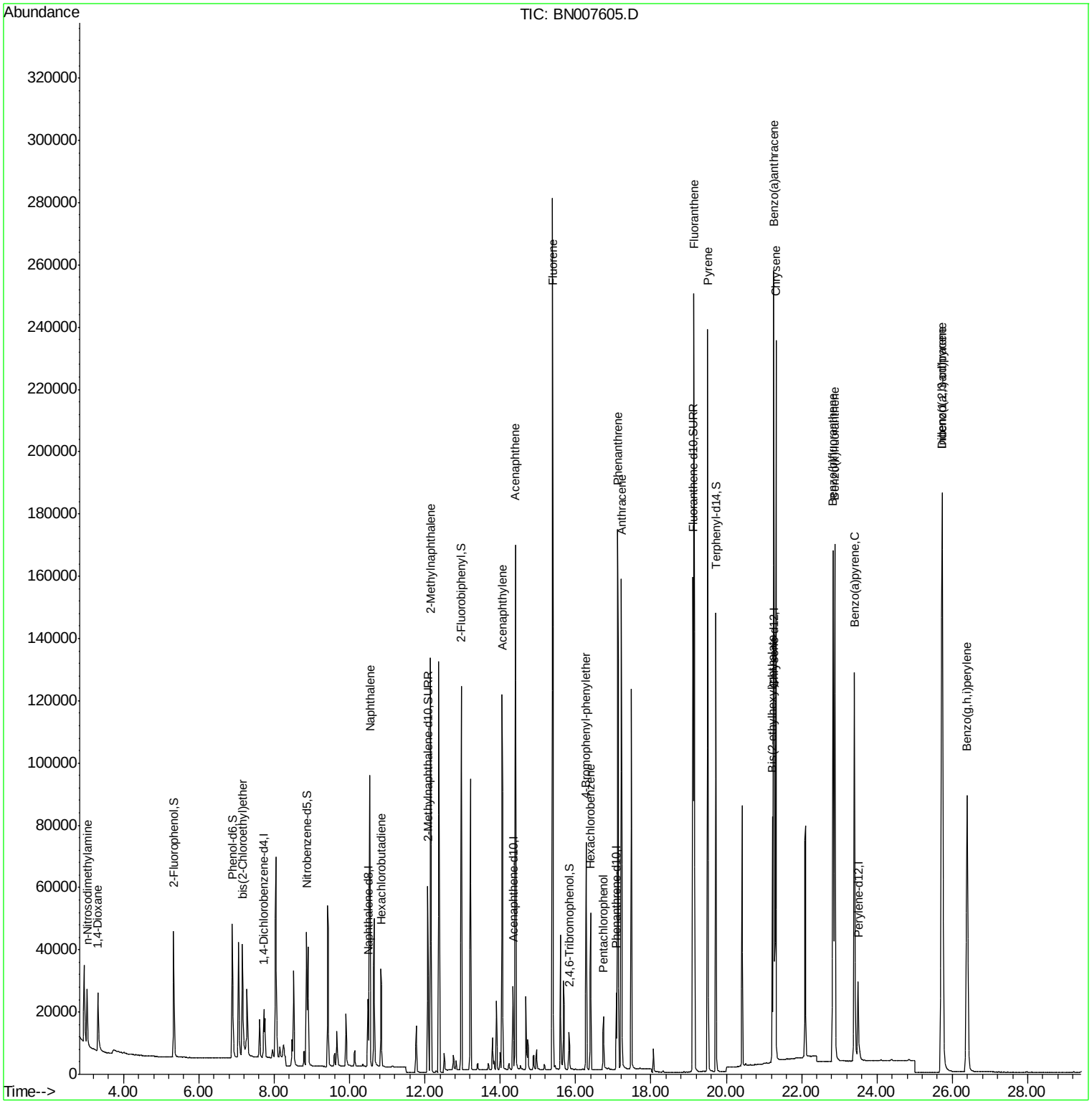
(#) = qualifier out of range (m) = manual integration (+) = signals summed

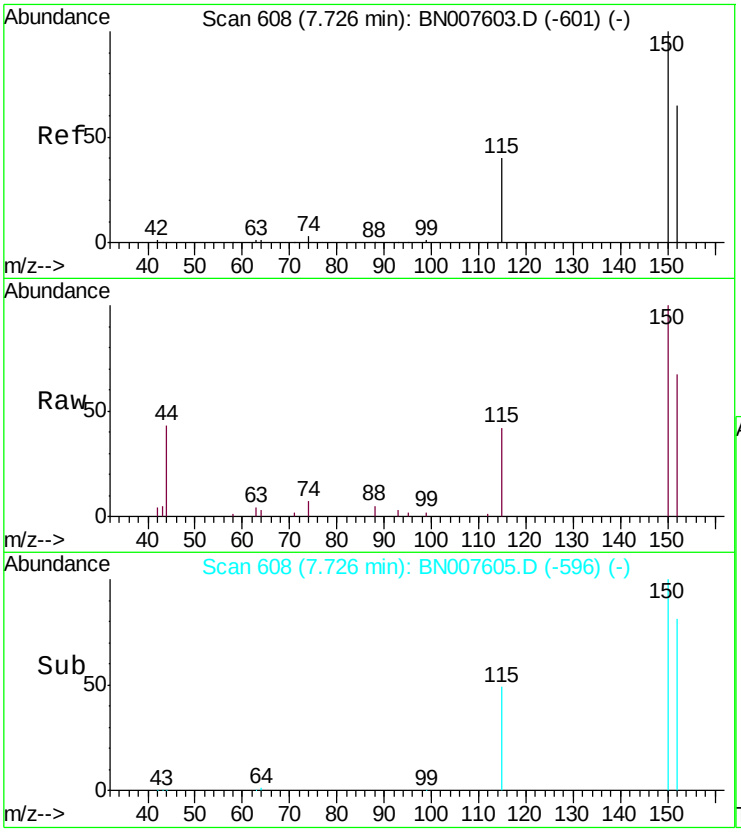
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
Data File : BN007605.D
Acq On : 12 Sep 2019 12:48
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DFTPP

Quant Time: Sep 12 13:39:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 12:56:10 2019
Response via : Initial Calibration



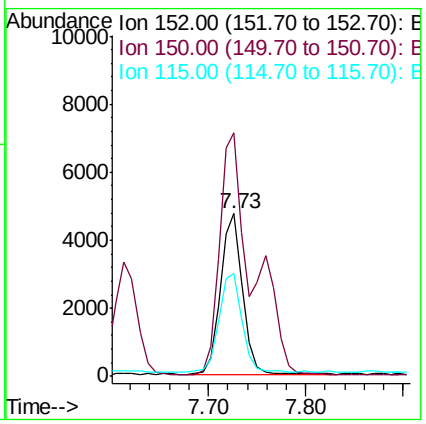


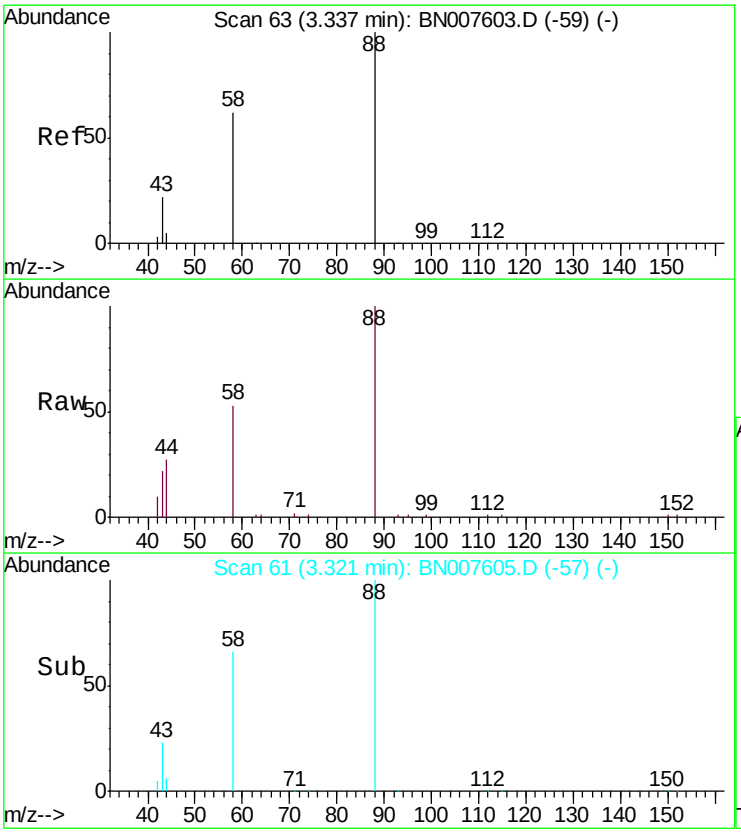
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 7427

Ion	Ratio	Lower	Upper
152	100		
150	149.6	122.4	183.6
115	63.3	50.4	75.6

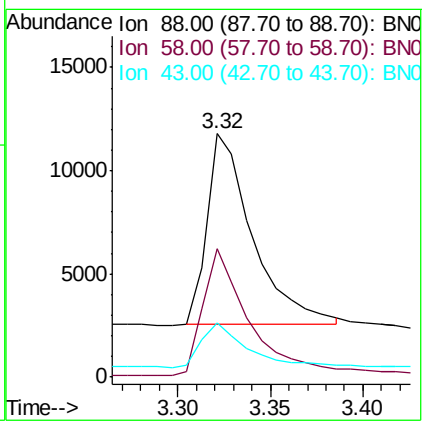


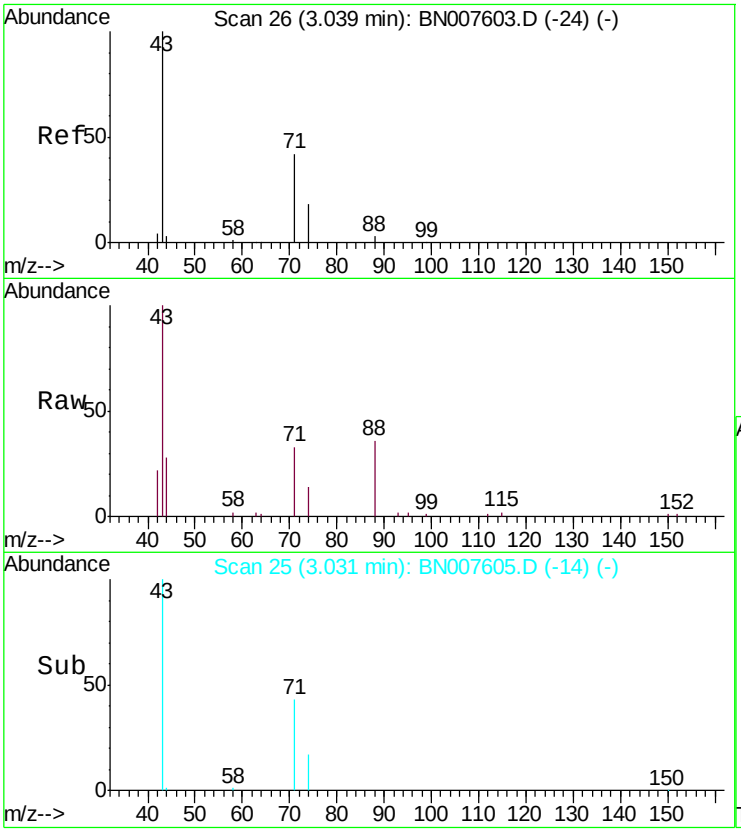


#2
1,4-Dioxane
Concen: 2.019 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion: 88 Resp: 15816

Ion	Ratio	Lower	Upper
88	100		
58	61.2	57.0	85.4
43	20.1	20.0	30.0



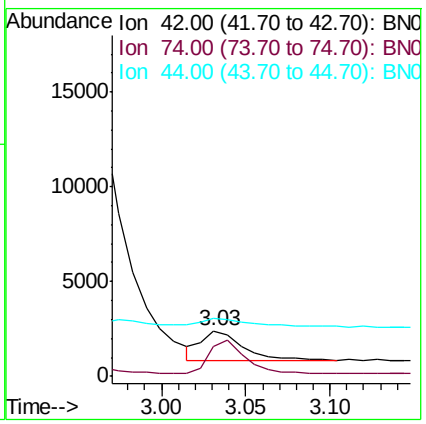


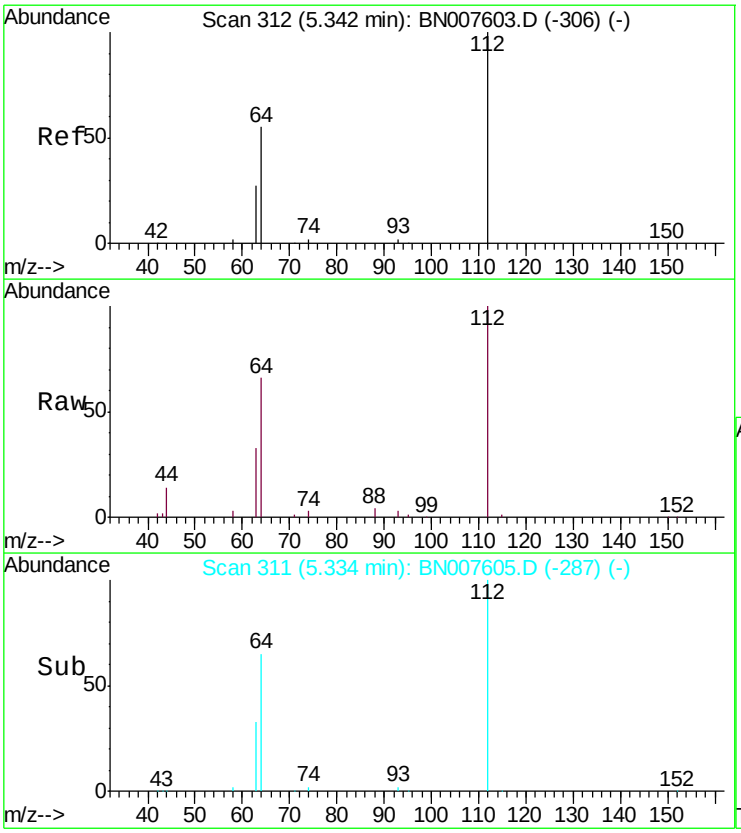
#3
n-Nitrosodimethylamine
Concen: 0.570 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion: 42 Resp: 2530

Ion	Ratio	Lower	Upper
42	100		
74	103.4	9.8	14.8#
44	35.3	0.0	0.0#

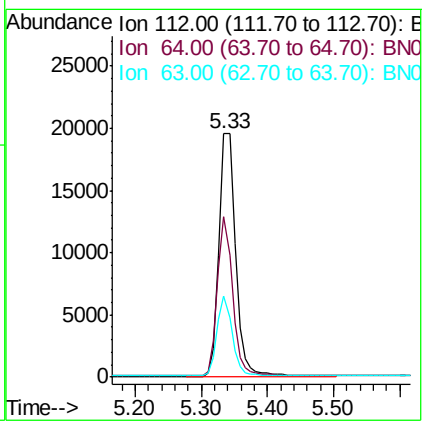


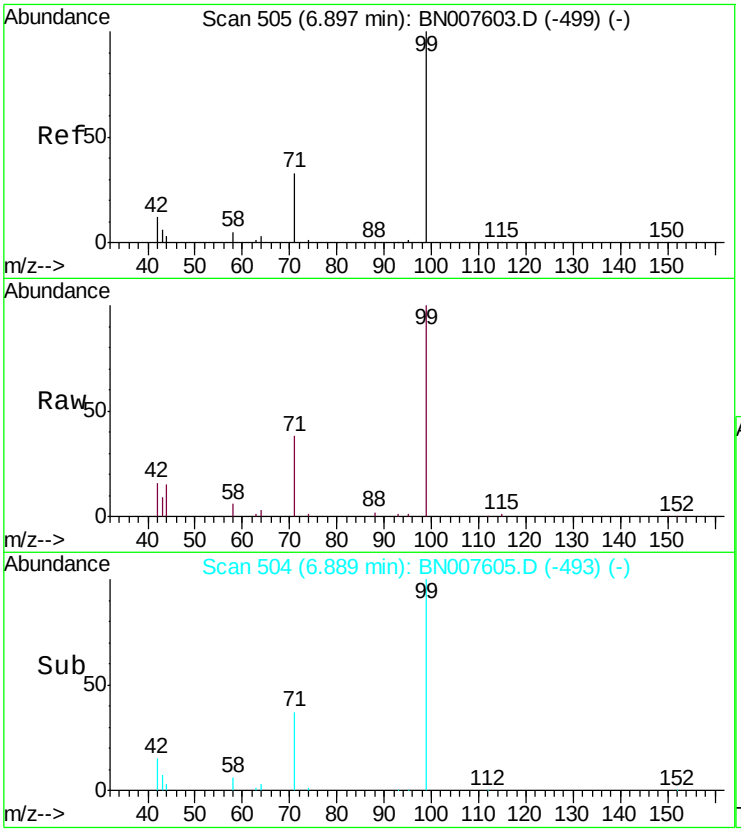


#4
2-Fluorophenol
Concen: 1.494 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:112 Resp: 33790

Ion	Ratio	Lower	Upper
112	100		
64	60.4	48.5	72.7
63	30.2	24.4	36.6



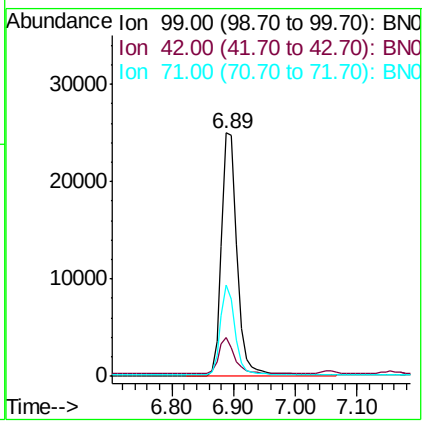


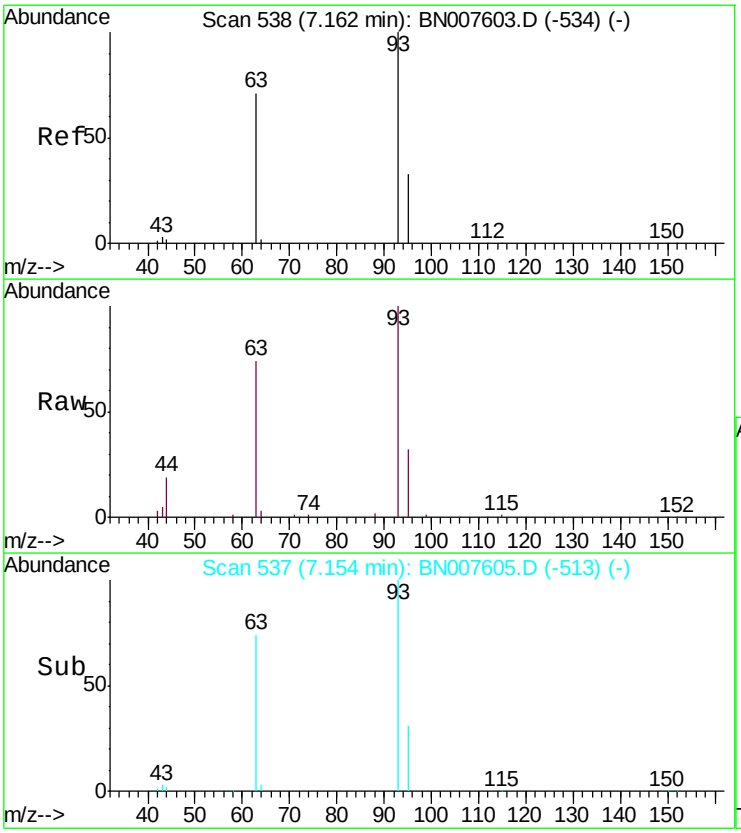
#5
Phenol-d6
Concen: 1.274 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 44246

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.8	17.6
71	35.0	28.0	42.0

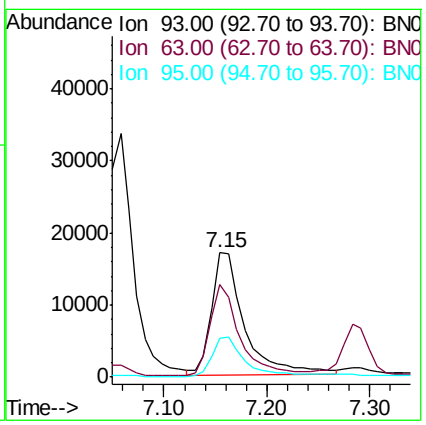


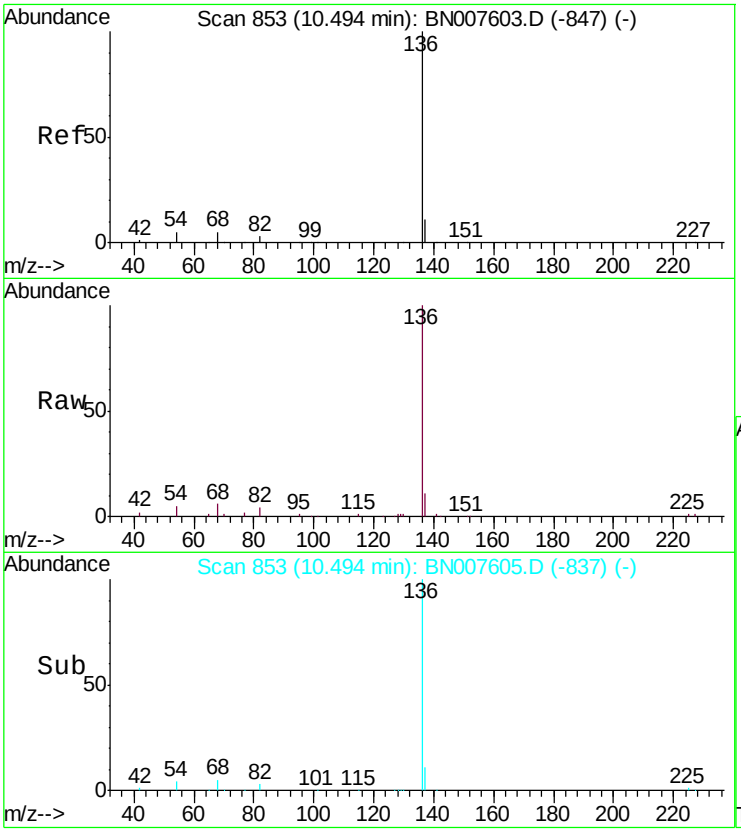


#6
bis(2-Chloroethyl)ether
Concen: 2.586 ng
RT: 7.15 min Scan# 537
Delta R.T. -0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion: 93 Resp: 37880

Ion	Ratio	Lower	Upper
93	100		
63	68.4	61.2	91.8
95	31.2	27.2	40.8



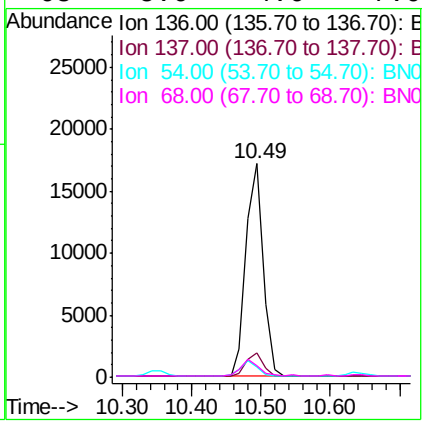


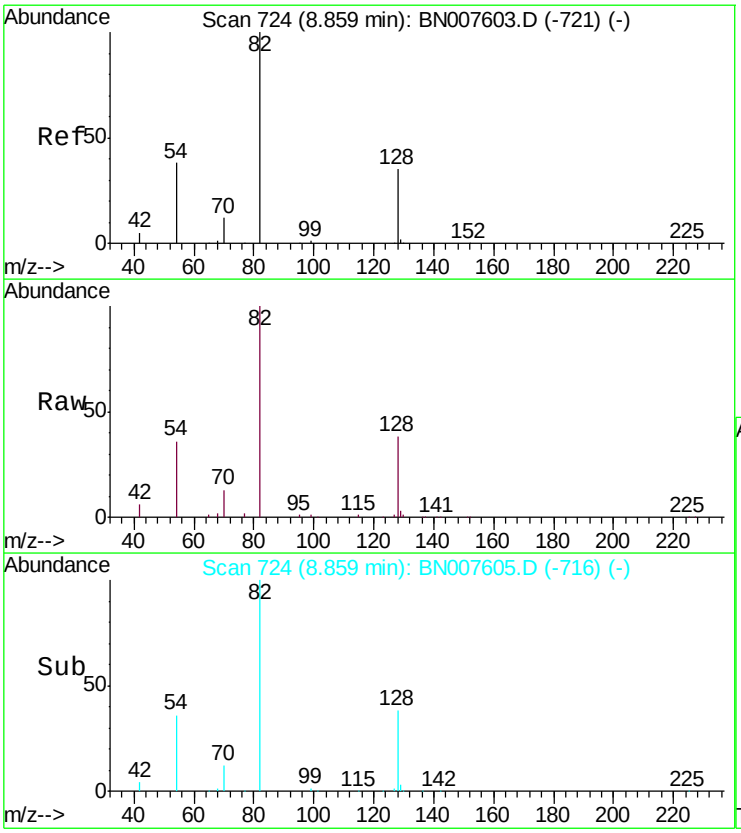
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:136 Resp: 29448

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.1	4.2	6.4
68	5.6	4.6	7.0

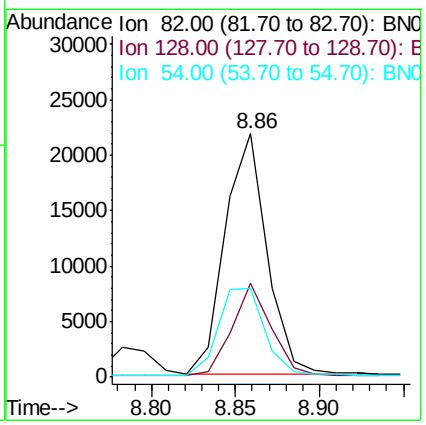


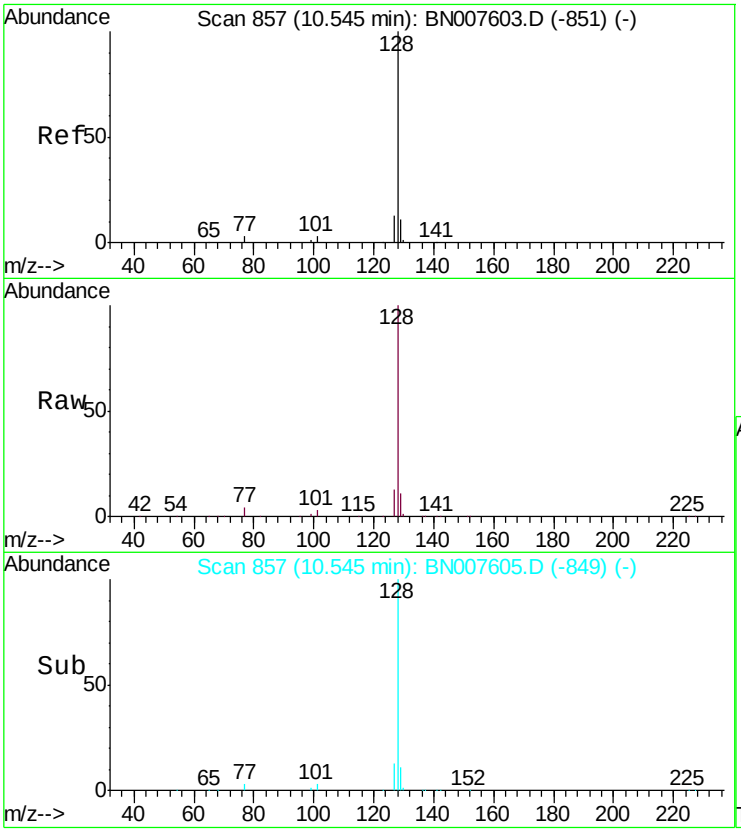


#8
Nitrobenzene-d5
Concen: 2.092 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion: 82 Resp: 37536

Ion	Ratio	Lower	Upper
82	100		
128	38.5	27.9	41.9
54	36.4	30.9	46.3



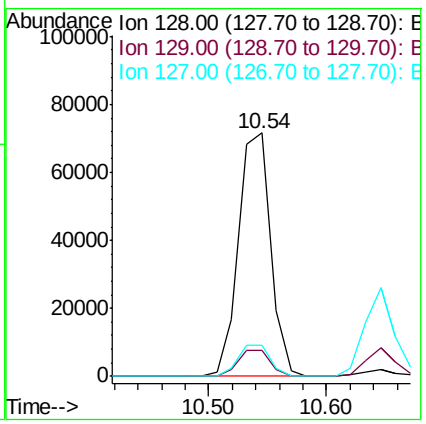


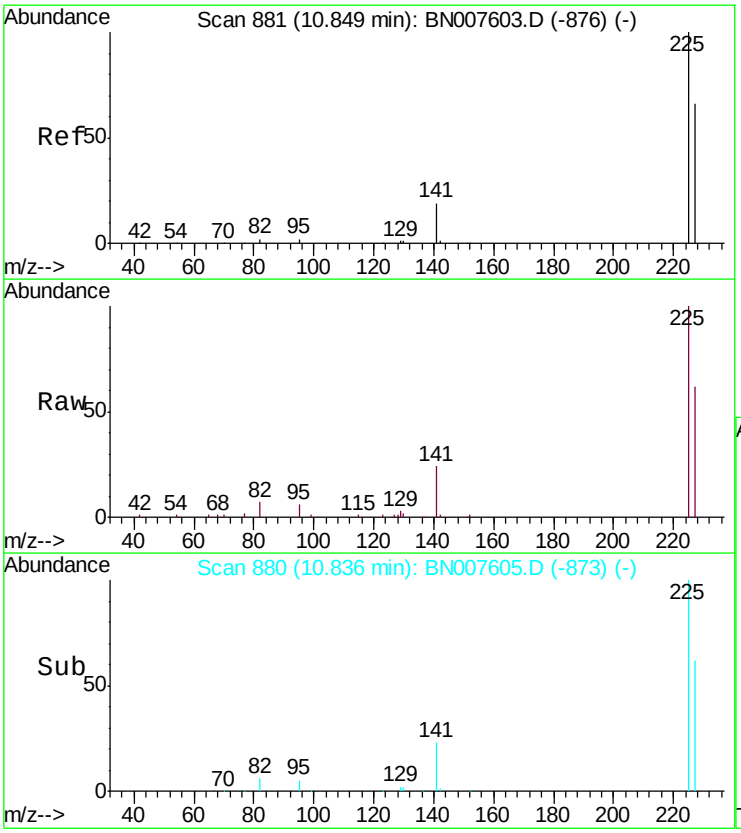
#9
Naphthalene
Concen: 1.639 ng
RT: 10.54 min Scan# 857
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:128 Resp: 135766

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.8	10.4	15.6

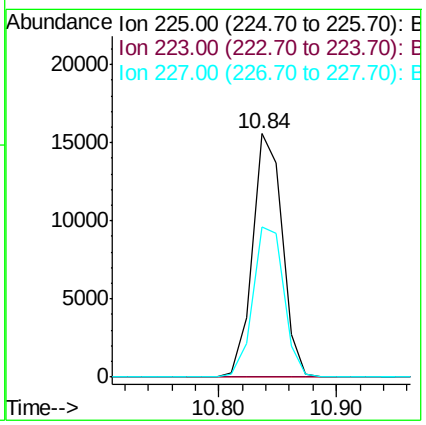


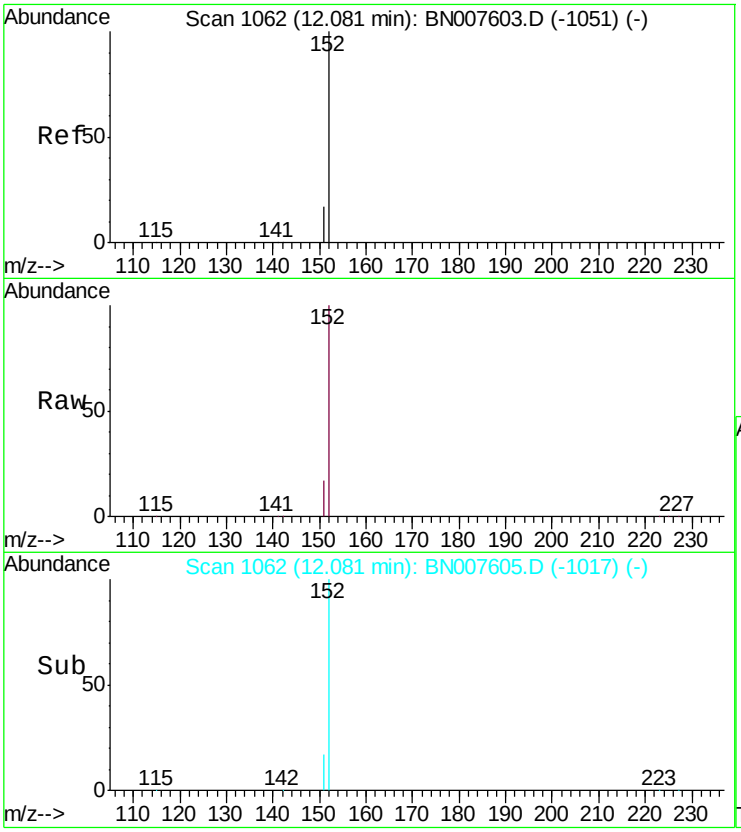


#10
Hexachlorobutadiene
Concen: 1.649 ng
RT: 10.84 min Scan# 880
Delta R.T. -0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:225 Resp: 27385

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.3	76.9



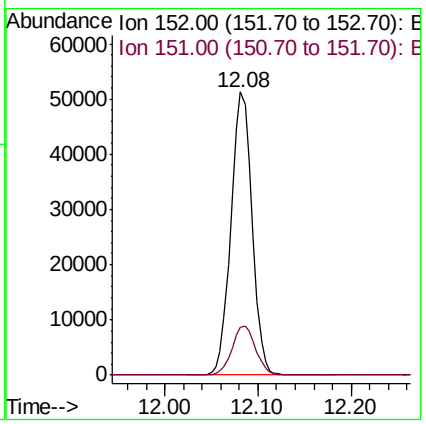


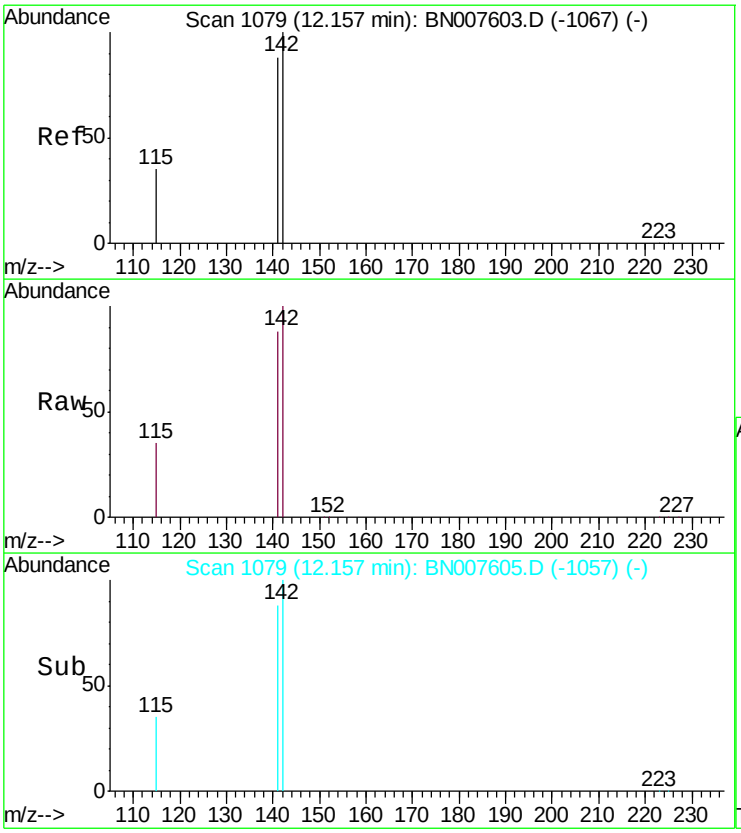
#11
2-Methylnaphthalene-d10
Concen: 1.580 ng
RT: 12.08 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 80311

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

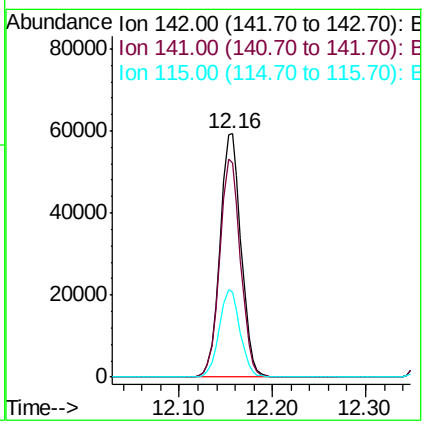


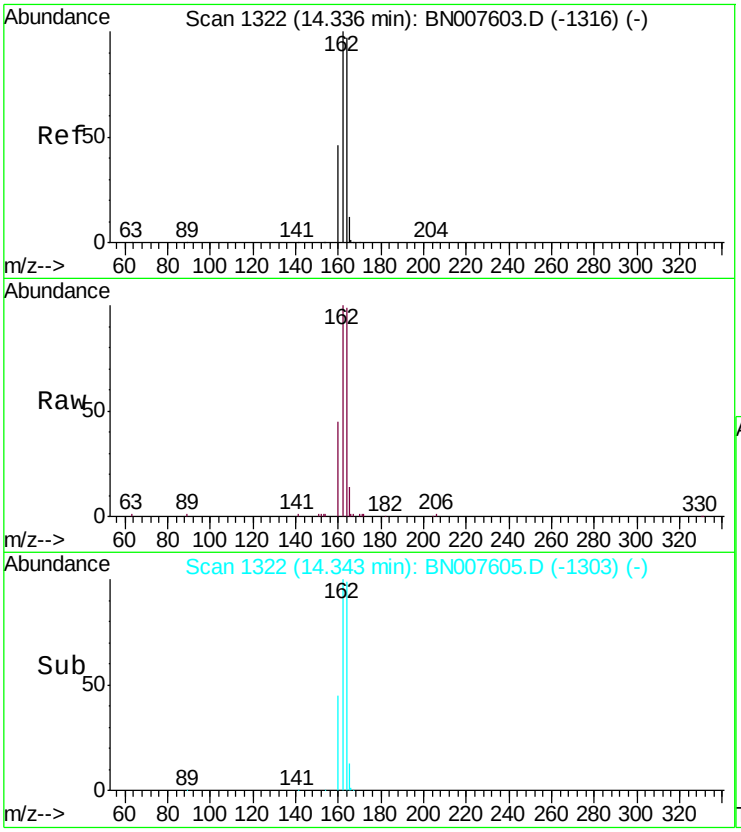


#12
2-Methylnaphthalene
Concen: 1.587 ng
RT: 12.16 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:142 Resp: 92141

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.5	105.7
115	34.7	28.4	42.6



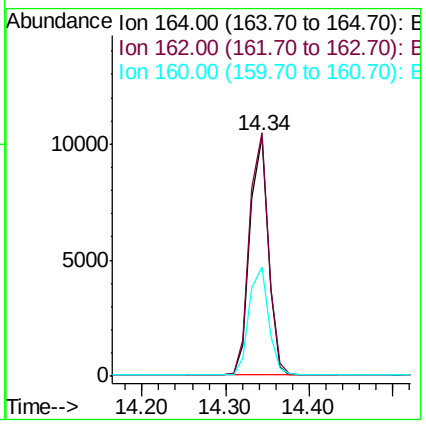


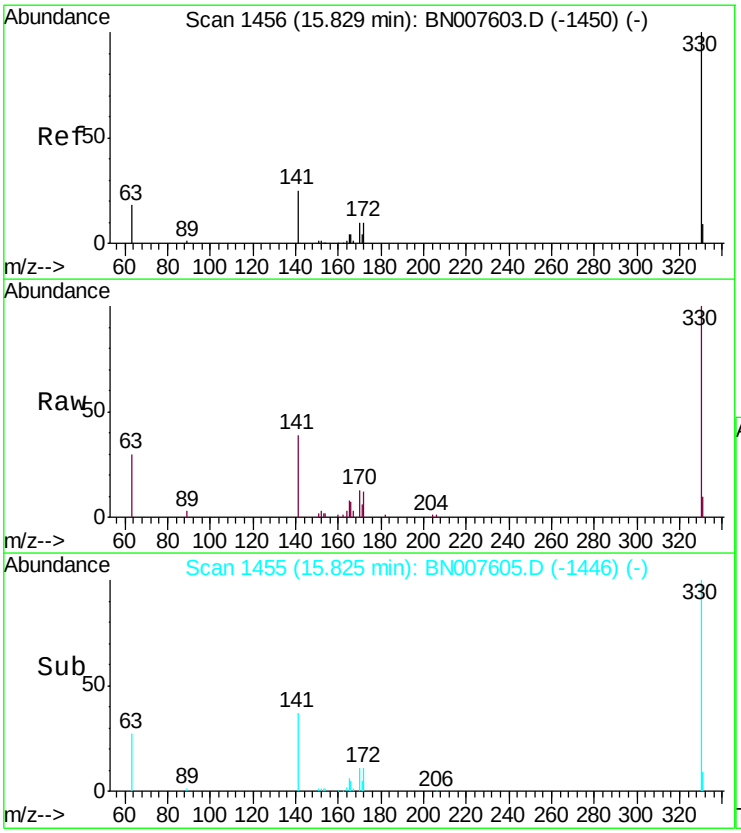
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 15550

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.8	124.2
160	45.7	38.0	57.0

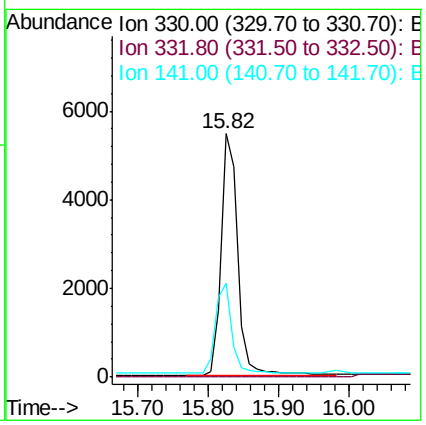


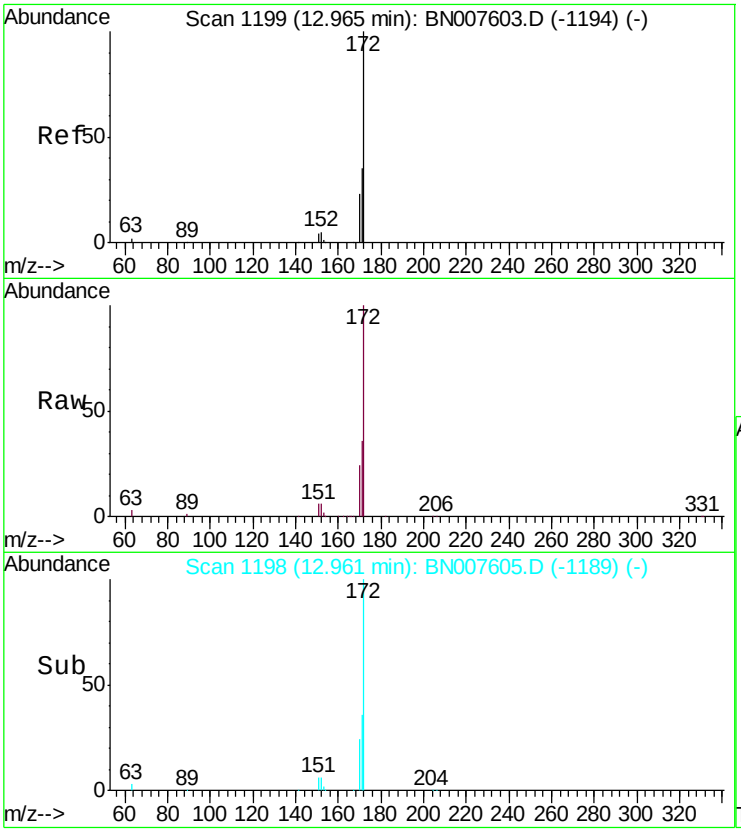


#14
2,4,6-Tribromophenol
Concen: 1.539 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:330 Resp: 9092

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.6	30.1	45.1



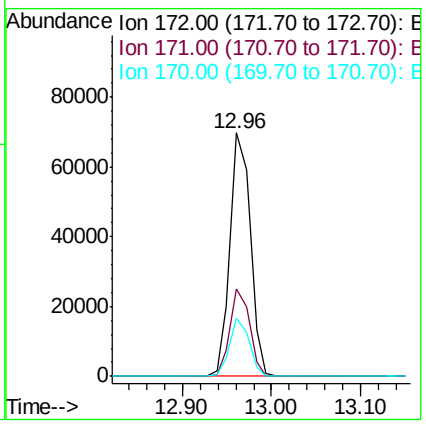


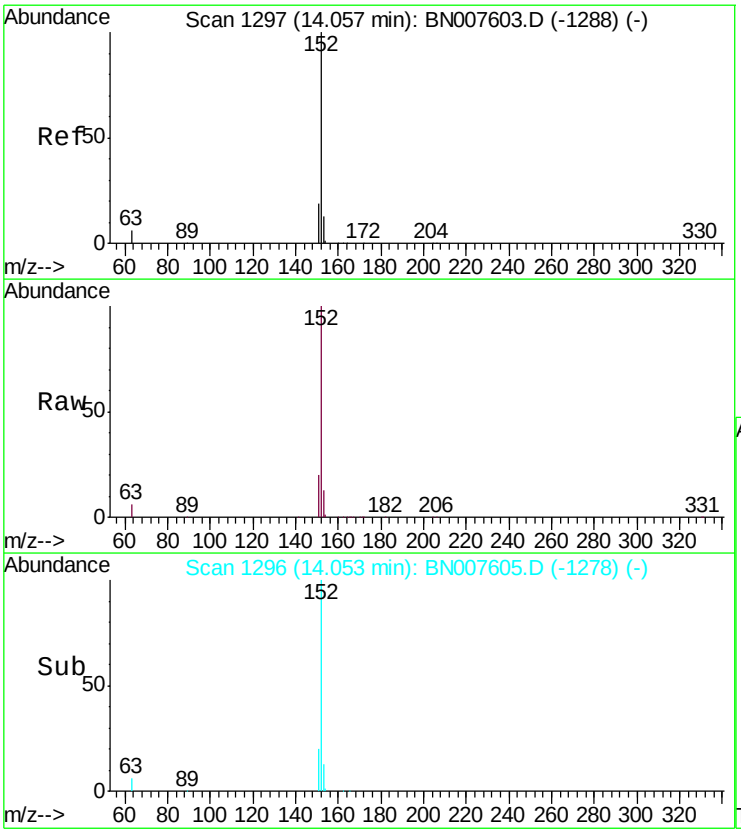
#15
2-Fluorobiphenyl
Concen: 1.714 ng
RT: 12.96 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 110192

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.9	41.9
170	23.9	18.5	27.7

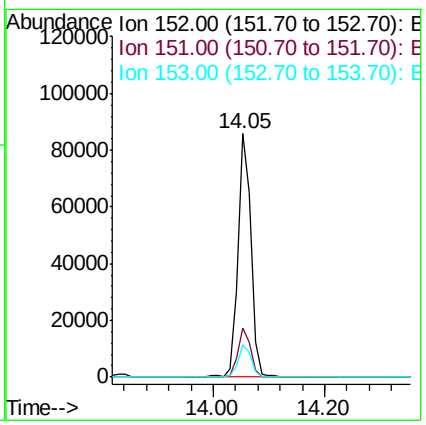


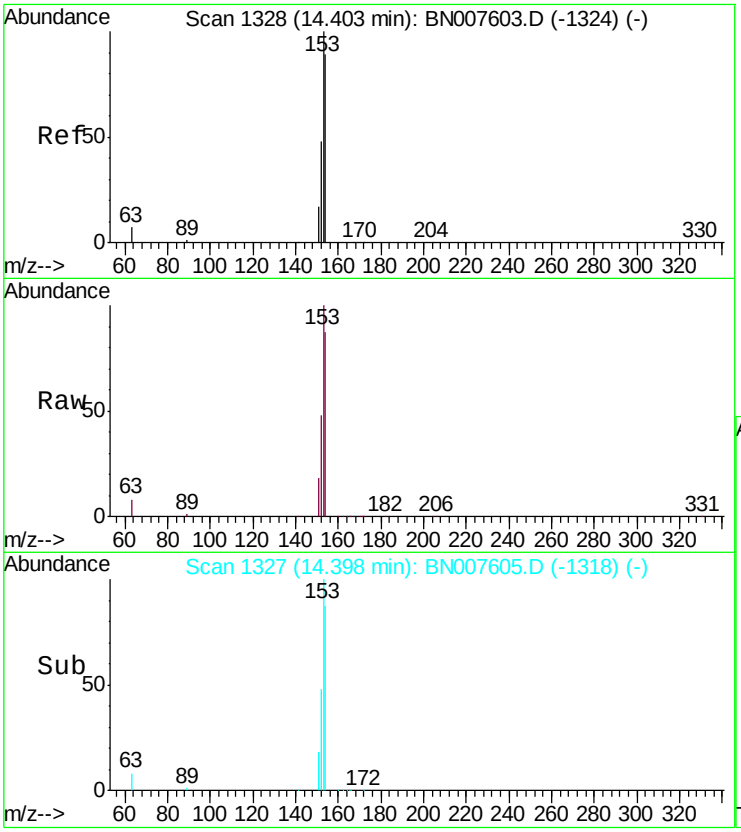


#16
Acenaphthylene
Concen: 1.602 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:152 Resp: 133769

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.4	15.6



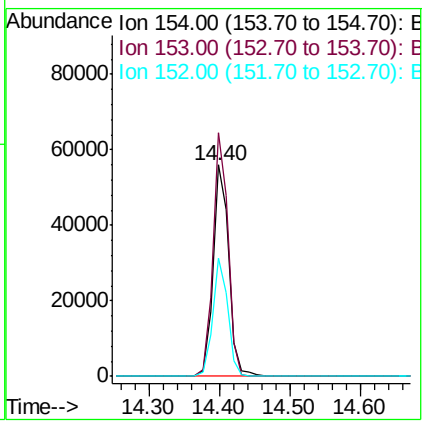


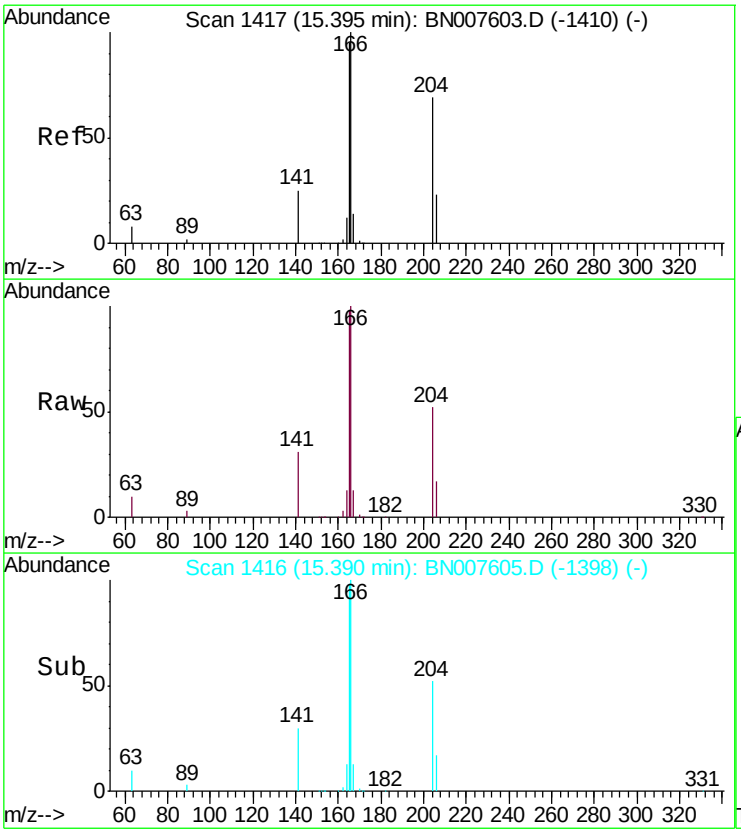
#17
Acenaphthene
Concen: 1.655 ng
RT: 14.40 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:154 Resp: 87333

Ion	Ratio	Lower	Upper
154	100		
153	110.6	89.8	134.8
152	53.9	43.8	65.8

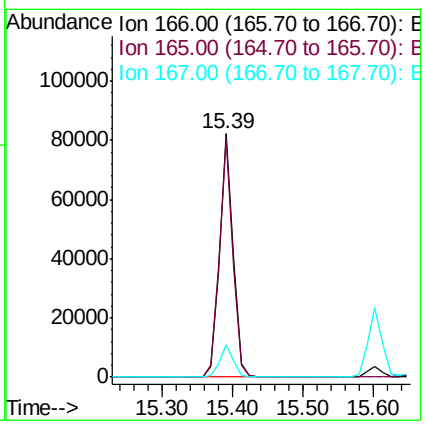


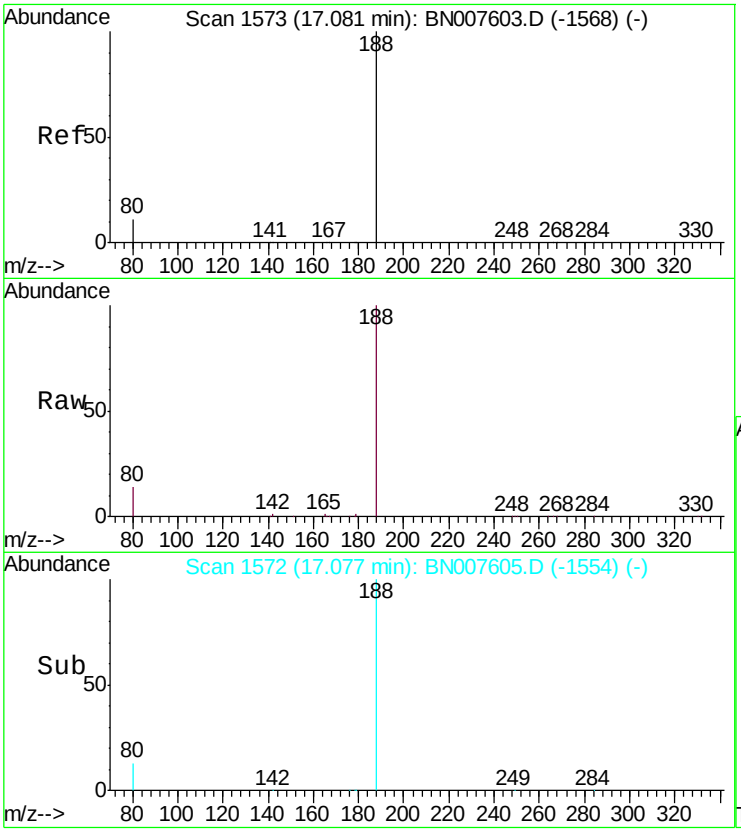


#18
Fluorene
Concen: 1.594 ng
RT: 15.39 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:166 Resp: 110741

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.6
167	13.5	10.8	16.2



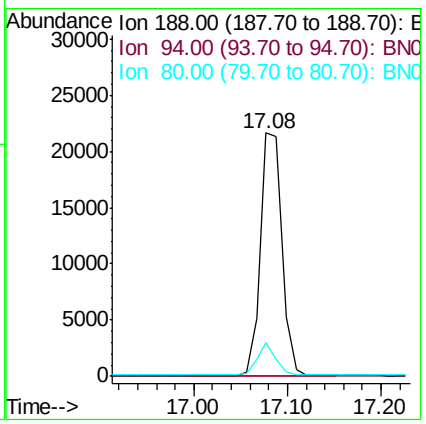


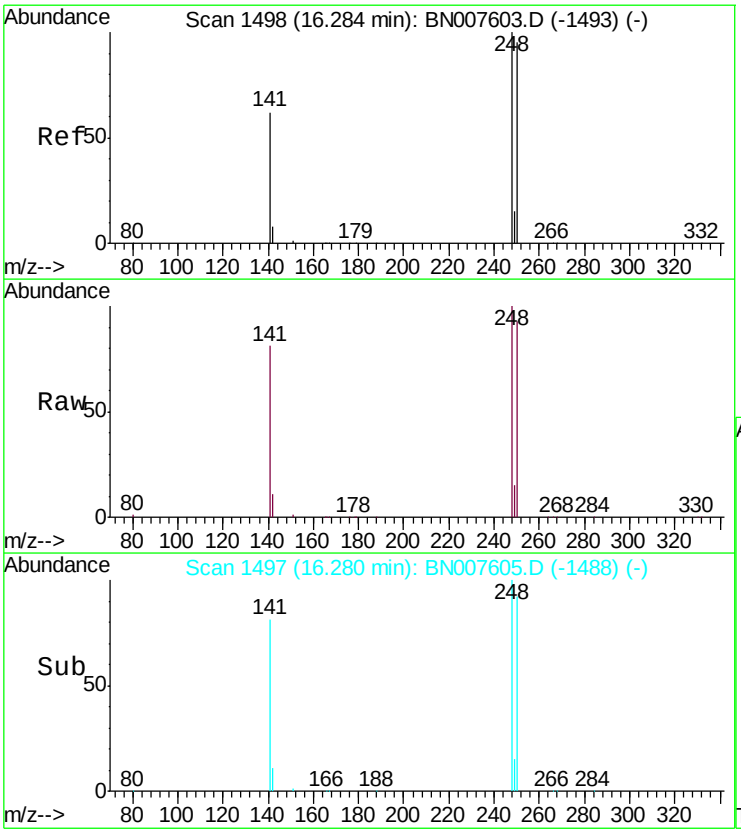
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 34726

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	8.8	13.2#

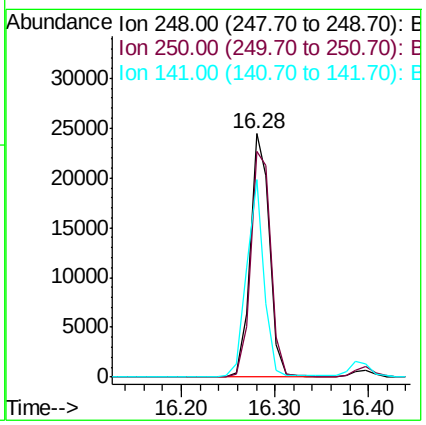


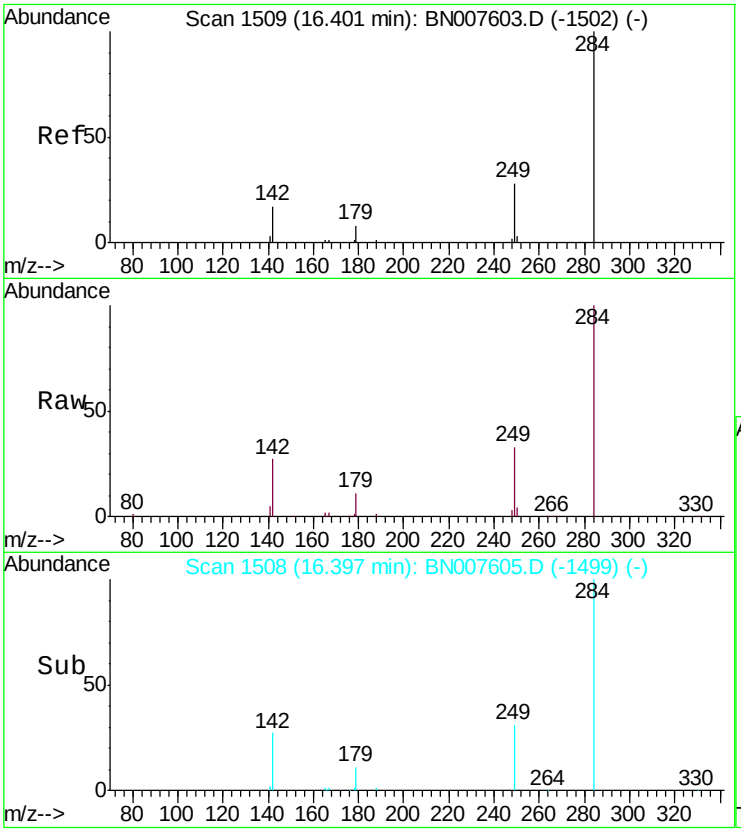


#20
4-Bromophenyl-phenylether
Concen: 1.708 ng
RT: 16.28 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:248 Resp: 35071

Ion	Ratio	Lower	Upper
248	100		
250	92.5	76.3	114.5
141	81.0	49.7	74.5#



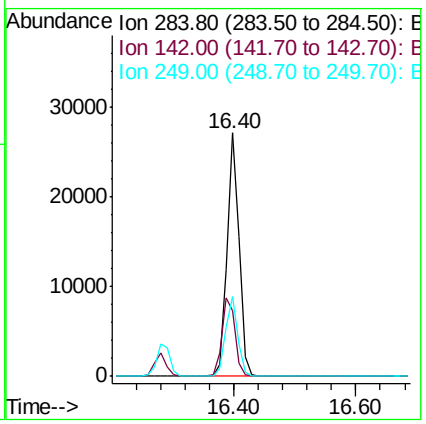


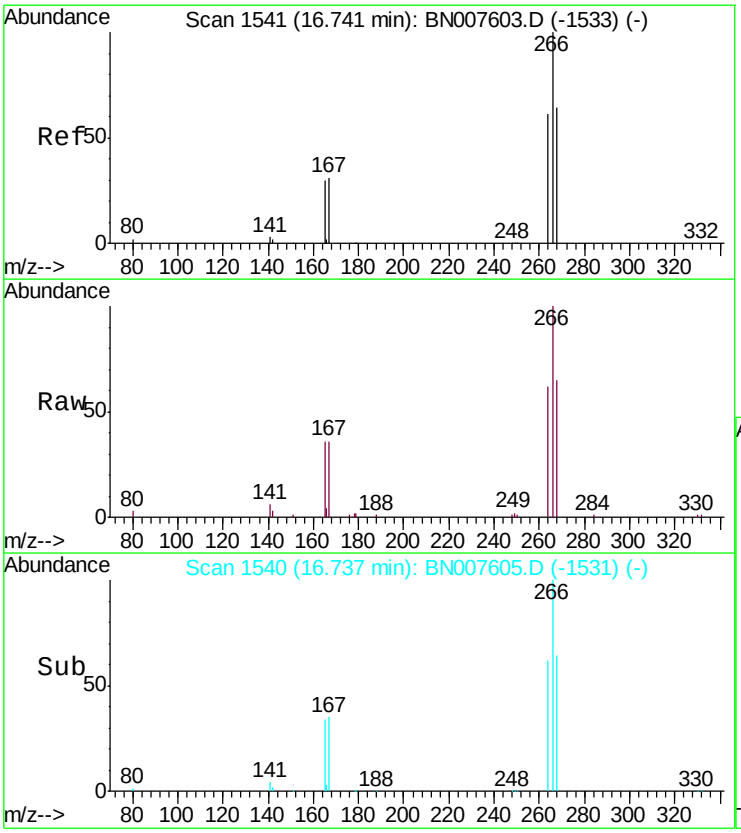
#21
Hexachlorobenzene
Concen: 1.713 ng
RT: 16.40 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:284 Resp: 37000

Ion	Ratio	Lower	Upper
284	100		
142	35.1	27.8	41.6
249	32.7	25.5	38.3

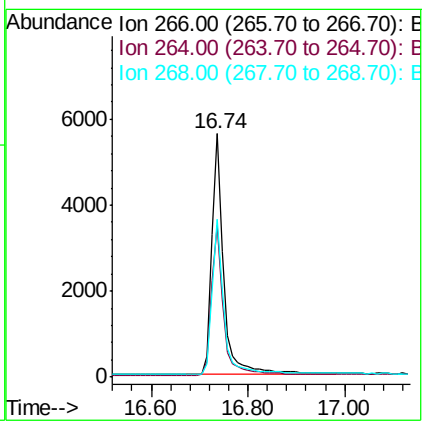


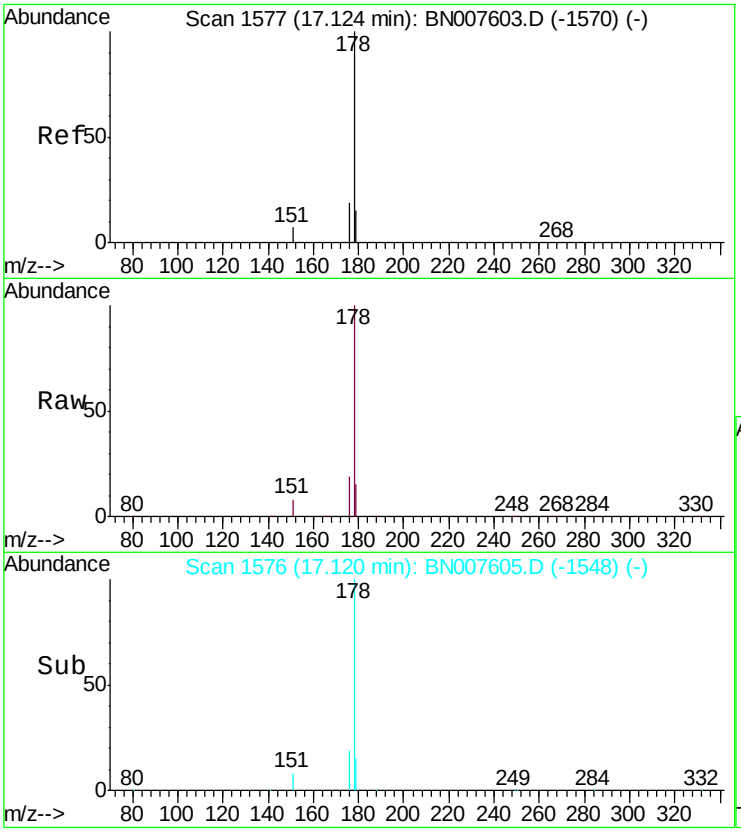


#22
Pentachlorophenol
Concen: 1.628 ng
RT: 16.74 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:266 Resp: 9772

Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.4	74.0
268	64.7	53.0	79.6



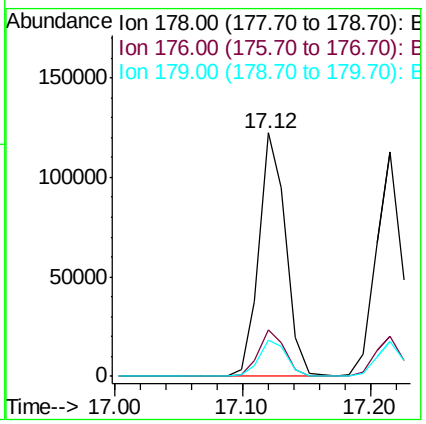


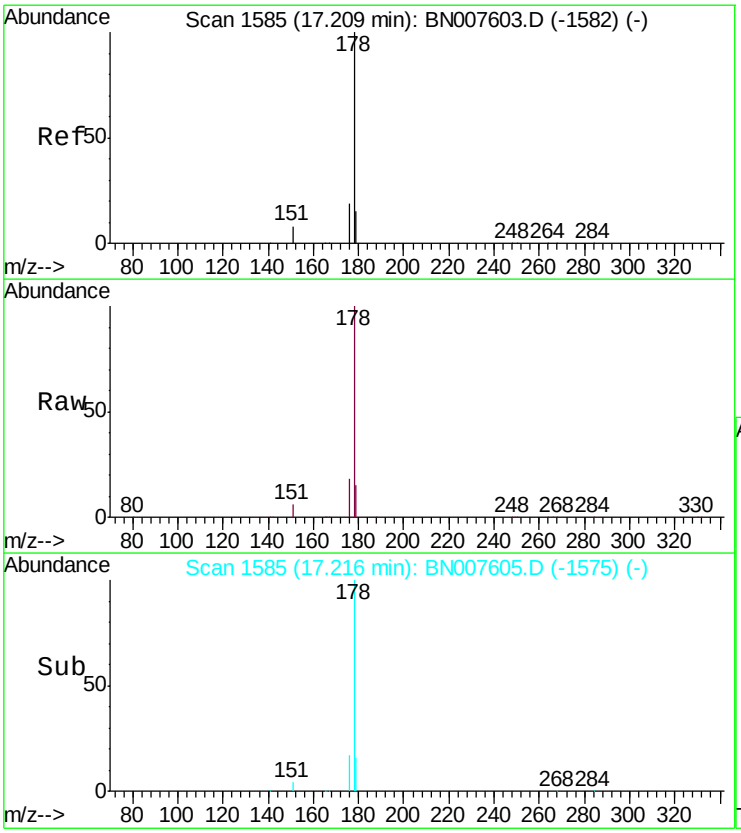
#23
Phenanthrene
Concen: 1.659 ng
RT: 17.12 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 177852

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.3	12.4	18.6

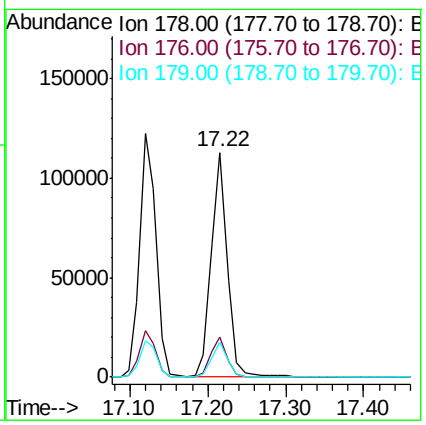


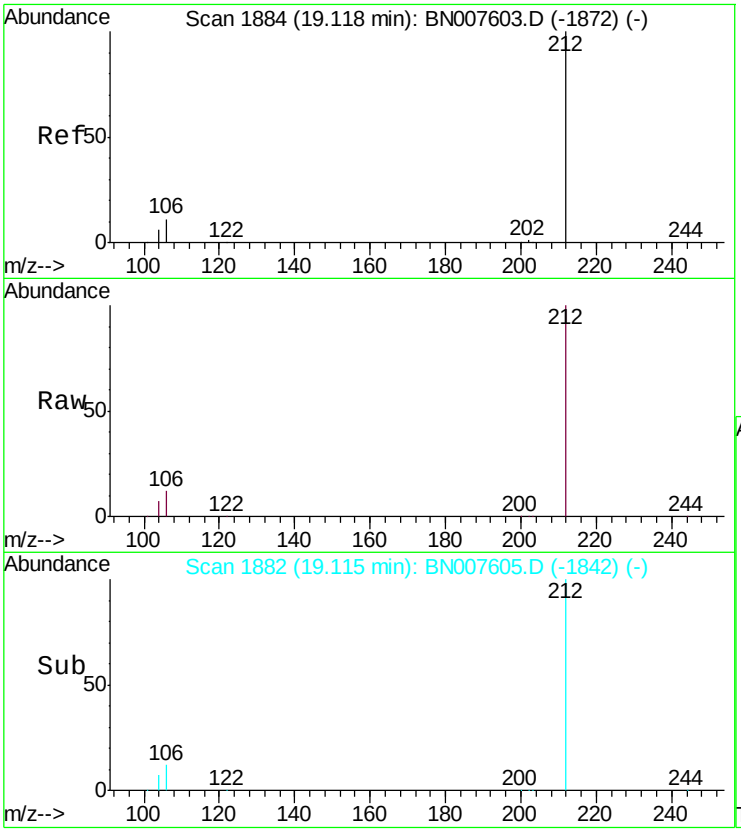


#24
Anthracene
Concen: 1.621 ng
RT: 17.22 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:178 Resp: 160312

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.3	12.4	18.6



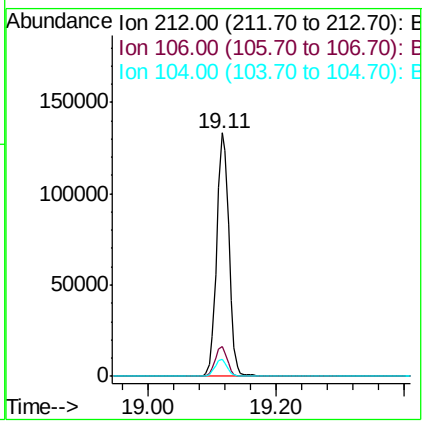


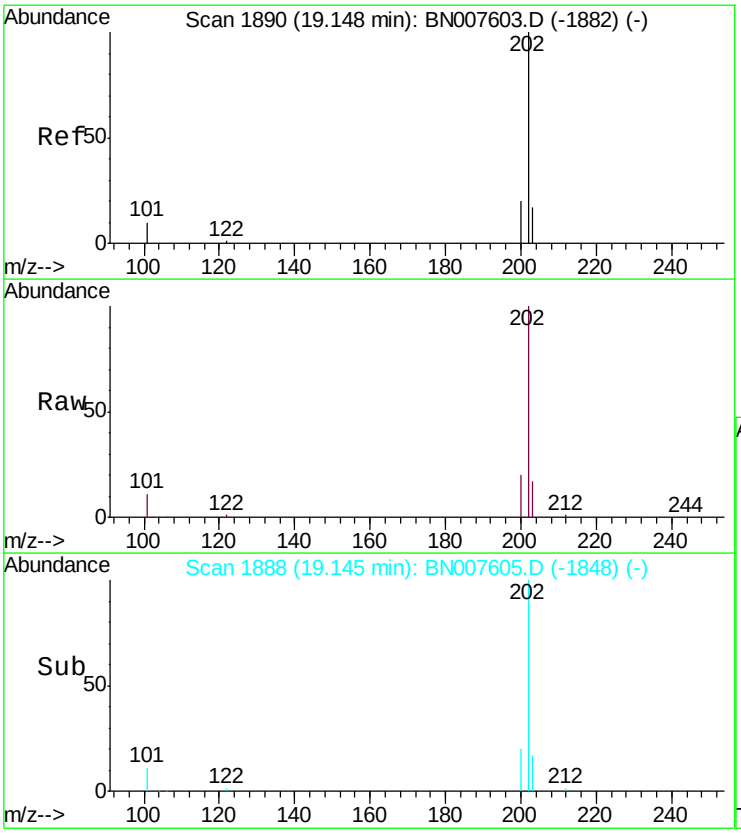
#25
Fluoranthene-d10
Concen: 1.585 ng
RT: 19.11 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:212 Resp: 178778

Ion	Ratio	Lower	Upper
212	100		
106	12.1	9.6	14.4
104	6.8	5.4	8.0

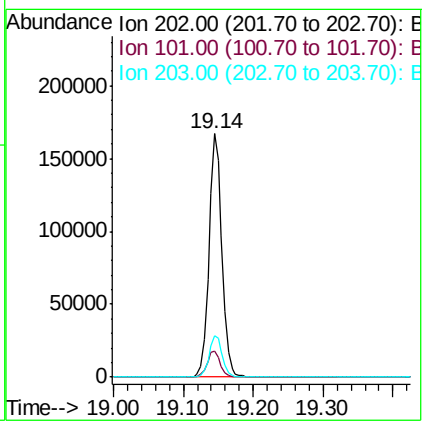


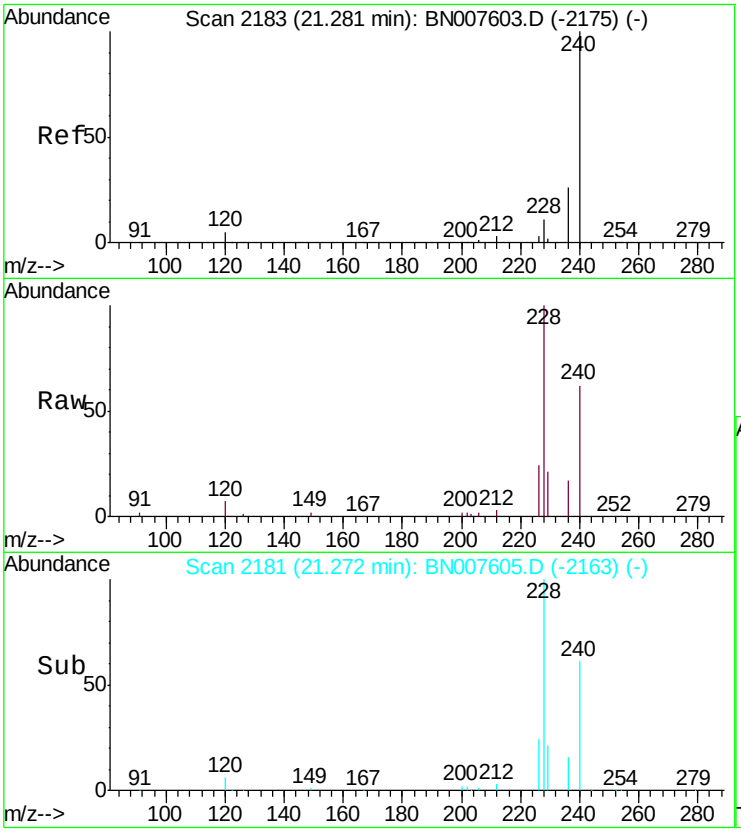


#26
Fluoranthene
Concen: 1.634 ng
RT: 19.14 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:202 Resp: 212548

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	13.0
203	17.3	13.8	20.6



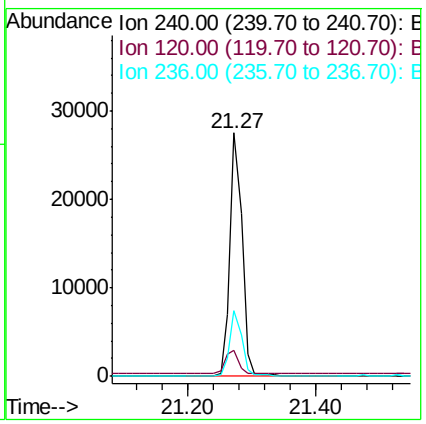


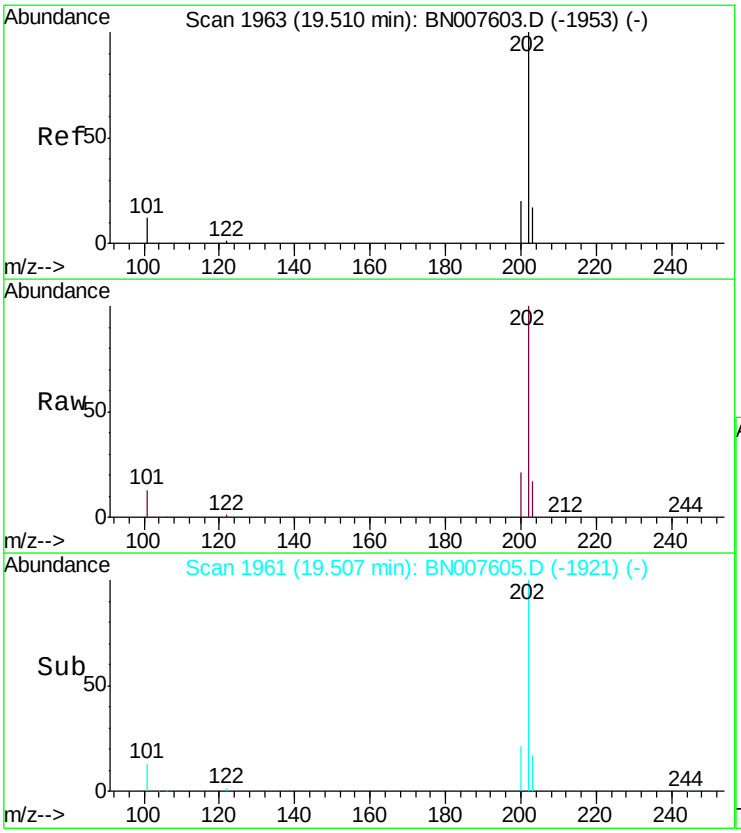
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 35983

Ion	Ratio	Lower	Upper
240	100		
120	10.7	4.3	6.5#
236	26.9	20.8	31.2

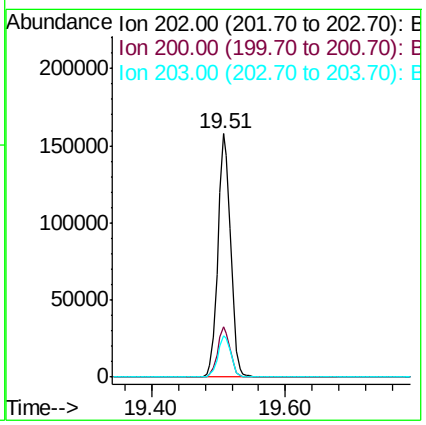


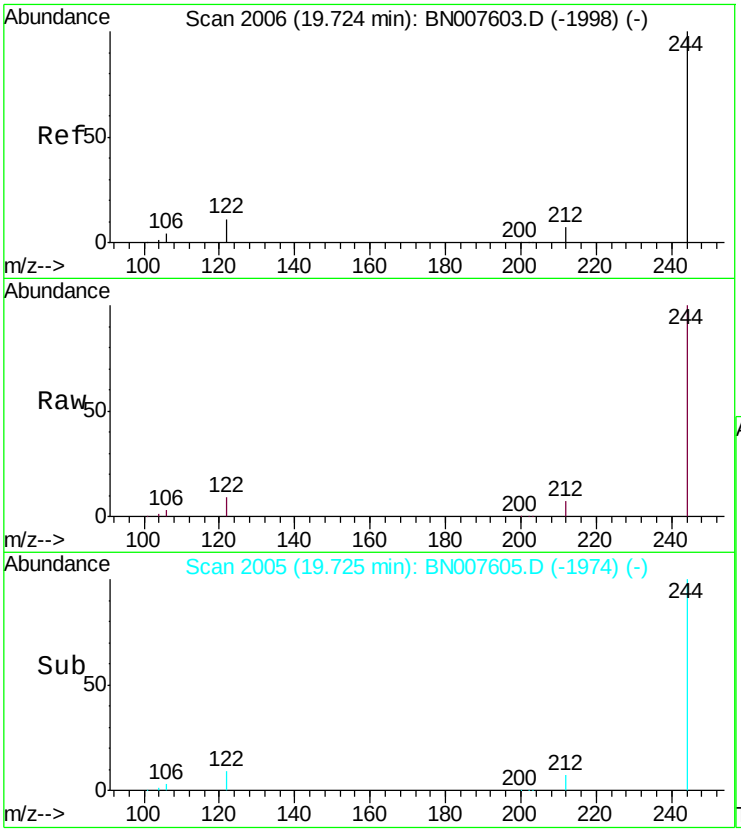


#28
Pyrene
Concen: 1.605 ng
RT: 19.51 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:202 Resp: 207575

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.4	14.0	21.0



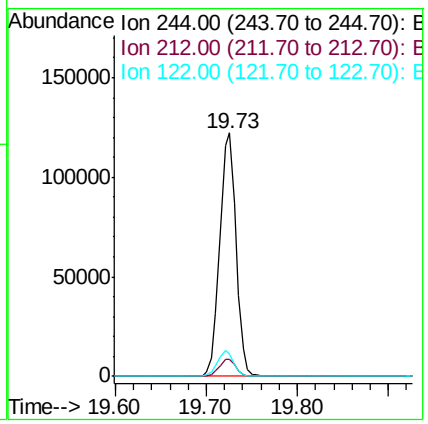


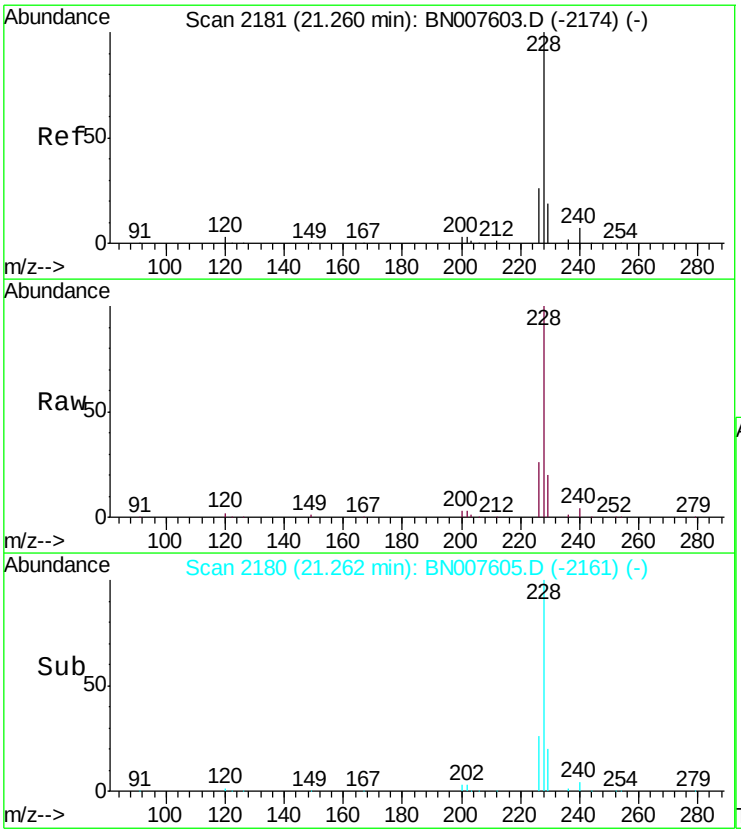
#29
Terphenyl-d14
Concen: 1.602 ng
RT: 19.73 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:244 Resp: 149970

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.0	8.6	12.8

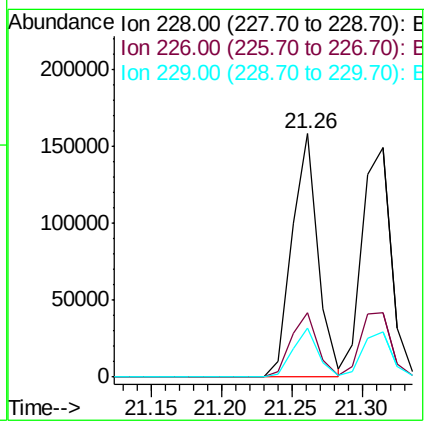


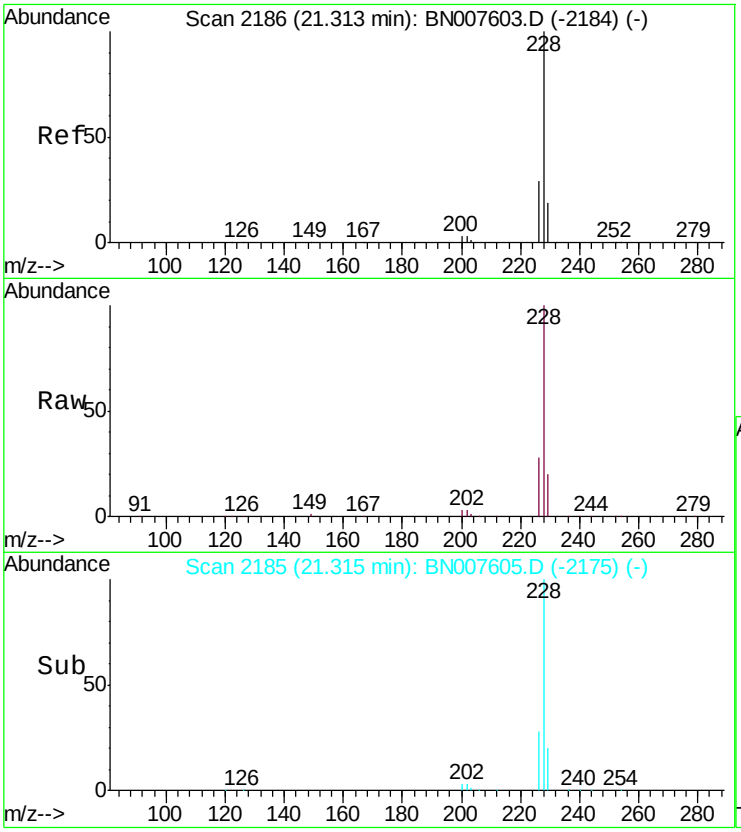


#30
Benzo(a)anthracene
Concen: 1.581 ng
RT: 21.26 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:228 Resp: 203550

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.2	31.8
229	19.9	15.5	23.3



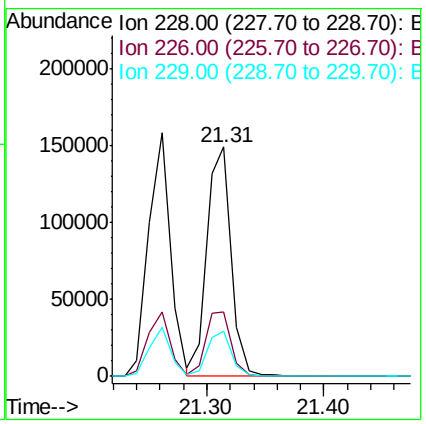


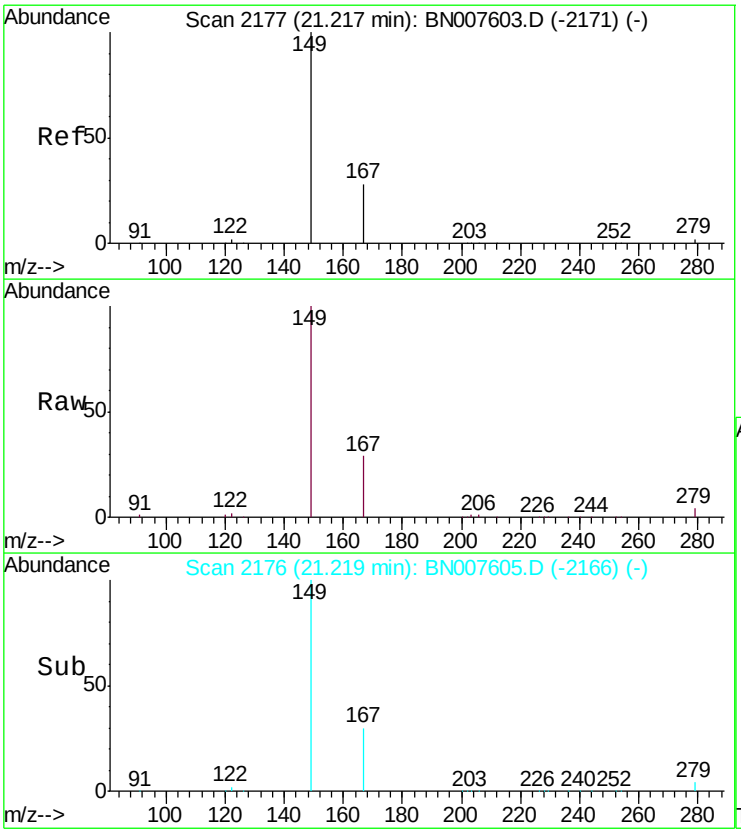
#31
Chrysene
Concen: 1.650 ng
RT: 21.31 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:228 Resp: 215817

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	19.8	15.5	23.3

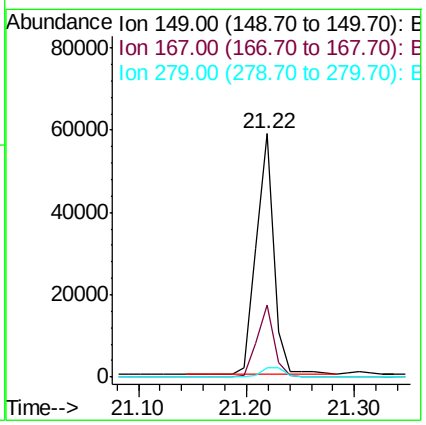


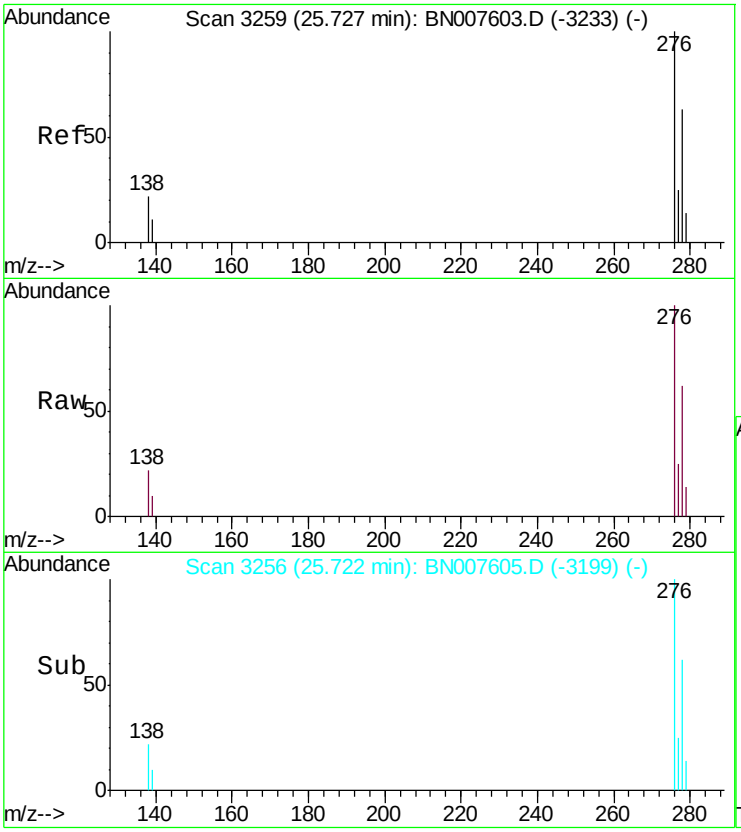


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.498 ng
RT: 21.22 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:149 Resp: 65987

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	34.0
279	4.7	3.8	5.6



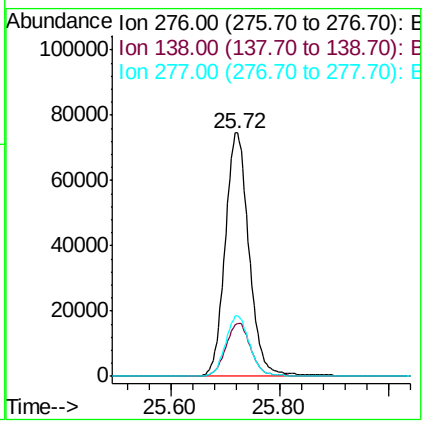


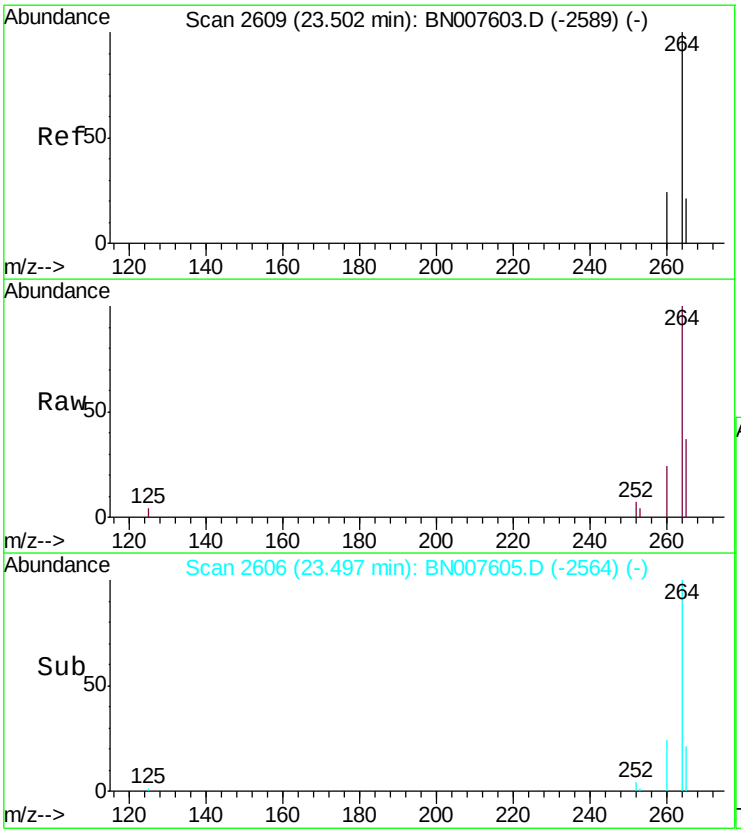
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.632 ng
RT: 25.72 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 225741

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.2	27.4
277	25.1	20.1	30.1

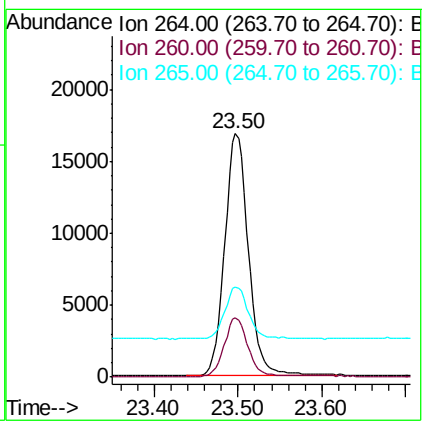


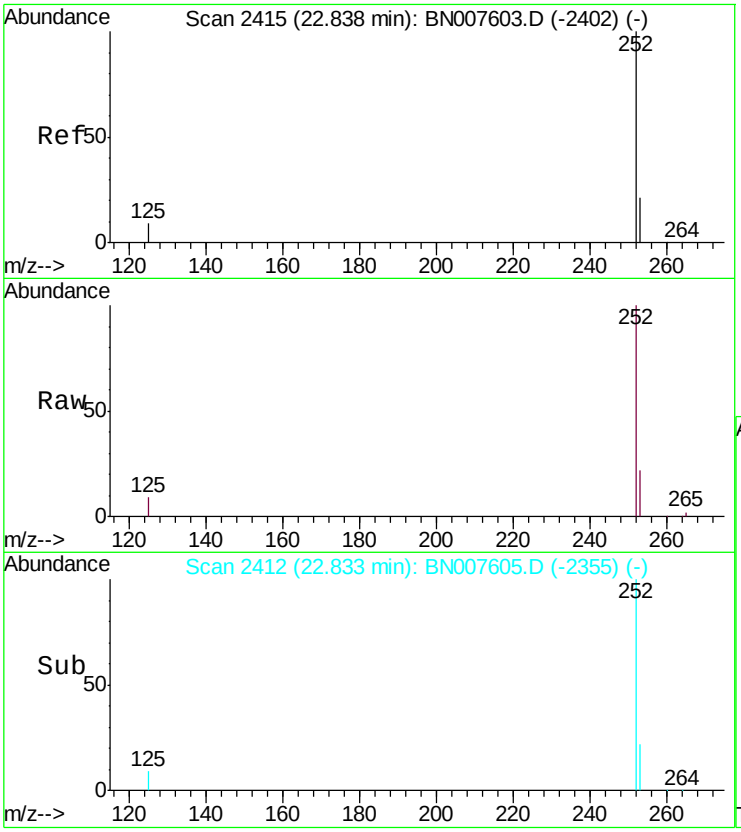


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:264 Resp: 33189

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	37.0	24.6	37.0#



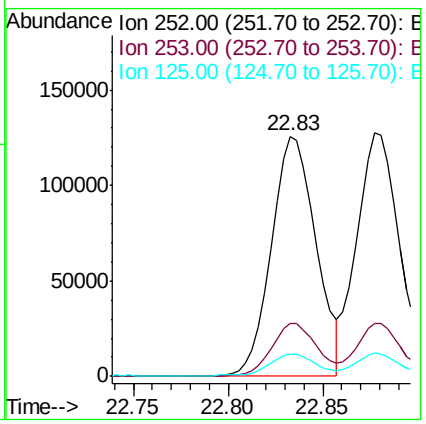


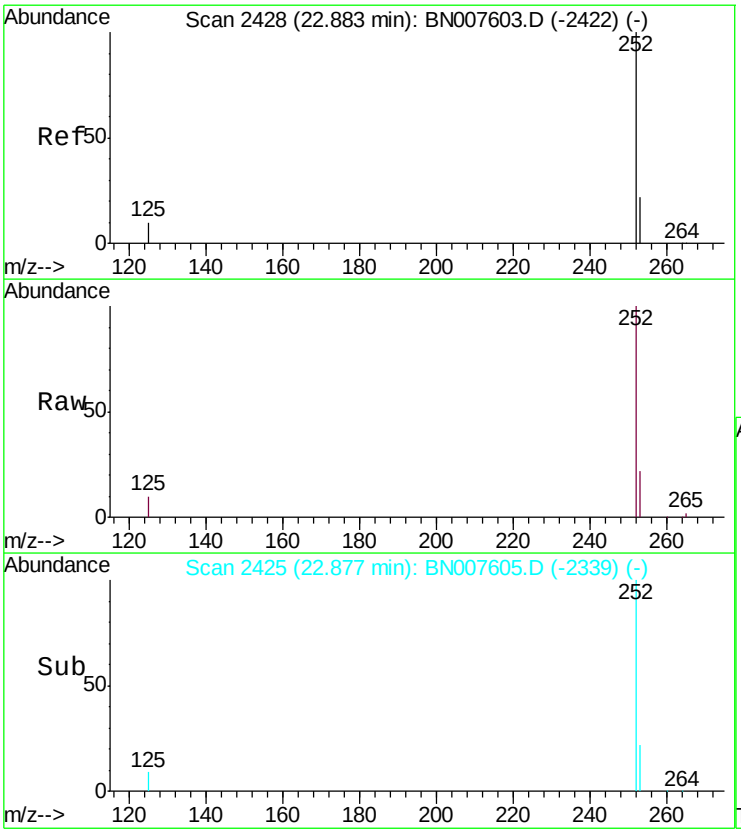
#35
Benzo(b)fluoranthene
Concen: 1.722 ng
RT: 22.83 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 203196

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.4	8.0	12.0

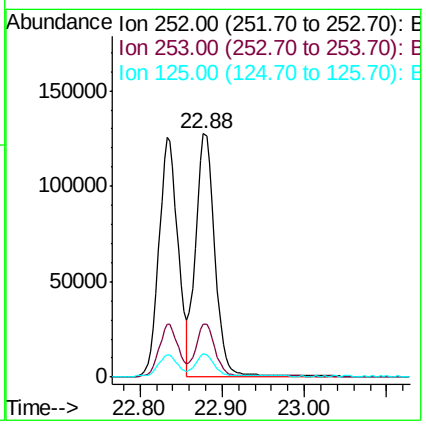


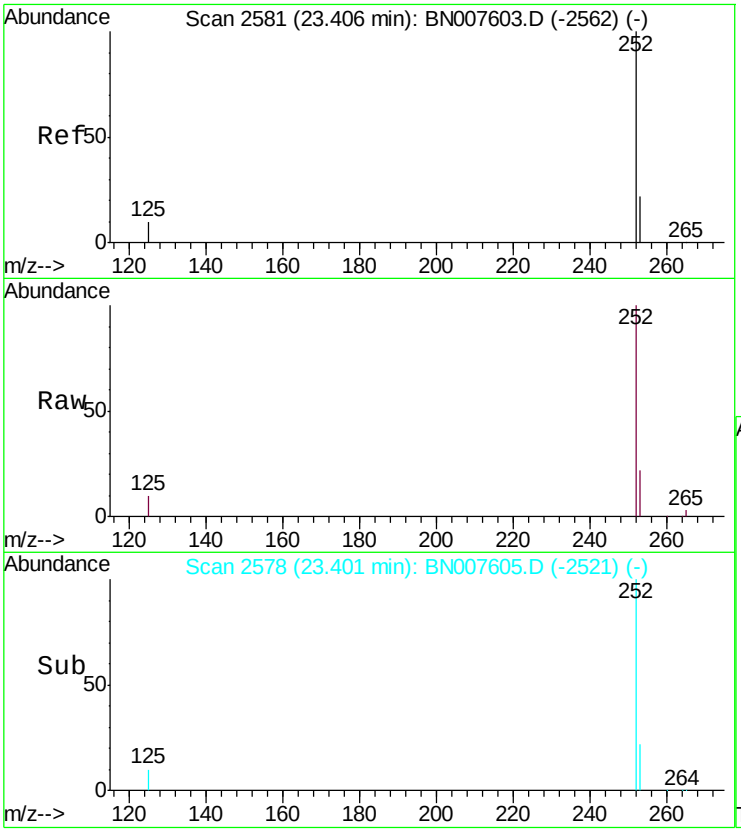


#36
Benzo(k)fluoranthene
Concen: 1.758 ng
RT: 22.88 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:252 Resp: 205020

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	9.5	8.9	13.3



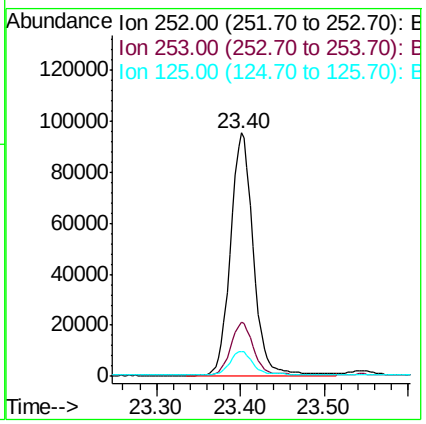


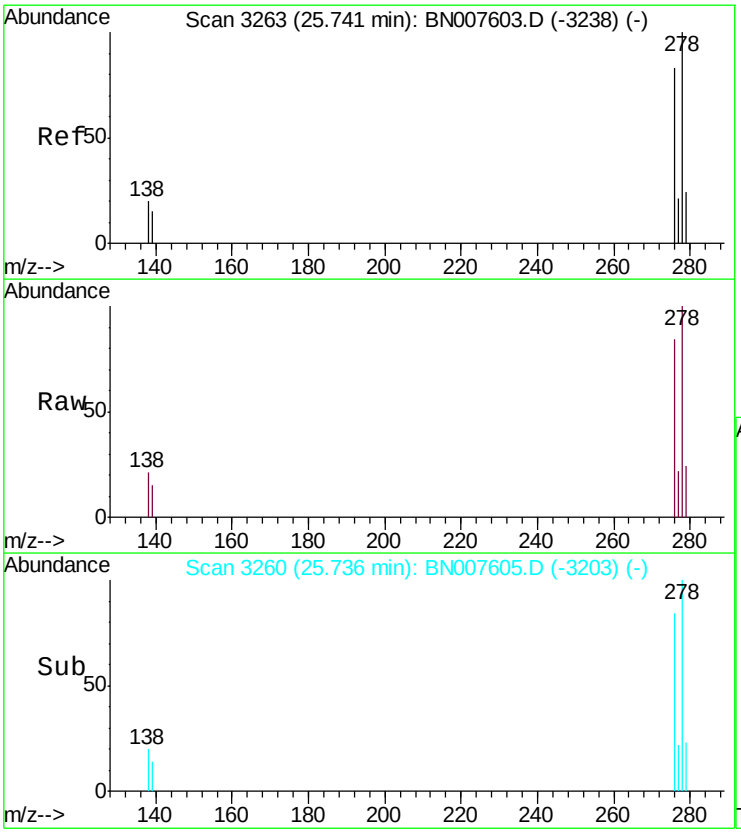
#37
Benzo(a)pyrene
Concen: 1.706 ng
RT: 23.40 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 179004

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	10.4	8.9	13.3

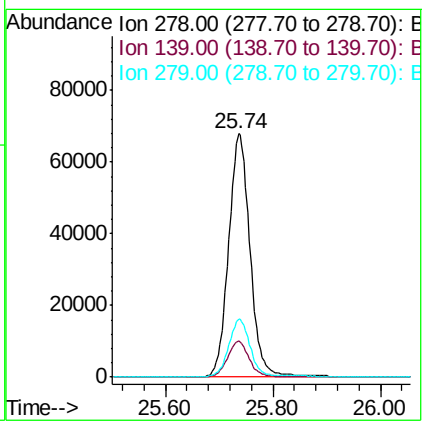


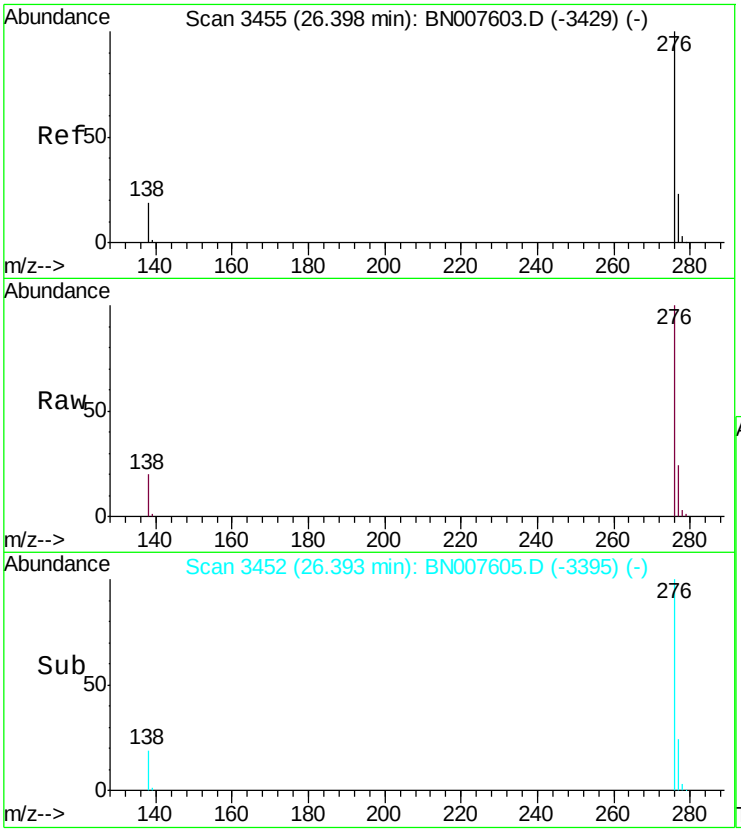


#38
Dibenzo(a,h)anthracene
Concen: 1.776 ng
RT: 25.74 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Tgt Ion:278 Resp: 187080

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.6	18.8
279	23.8	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 1.736 ng
RT: 26.39 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BN007605.D
Acq: 12 Sep 2019 12:48

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 185183

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	19.6	15.8	23.6