Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007264.D
Acq On : 20 Aug 2019 14:49
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Aug 20 18:03:34 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 17:50:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5398	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	19806	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	11729	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	27508	0.40	ng		0.00
27) Chrysene-d12	21.04	240	28337	0.40	ng		0.00
34) Perylene-d12	23.15	264	30131	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	11597	0.97	ng		0.00
5) Phenol-d6	6.59	99	13775	0.83	ng		0.00
8) Nitrobenzene-d5	8.53	82	11668	0.86	ng		-0.01
11) 2-Methylnaphthalene-d10	11.77	152	26453	0.89	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	4774	0.87	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	37492	0.86	ng		0.00
25) Fluoranthene-d10	18.85	212	68179	0.82	ng		0.00
29) Terphenyl-d14	19.48	244	54589	0.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	5533	0.624	ng		97
3) n-Nitrosodimethylamine	3.31	42	4238	0.616	ng		99
6) bis(2-Chloroethyl)ether	6.84	93	12299	0.670	ng		99
9) Naphthalene	10.21	128	43379	0.818	ng		100
10) Hexachlorobutadiene	10.52	225	9514	0.827	ng	#	99
12) 2-Methylnaphthalene	11.84	142	30174	0.890	ng		100
16) Acenaphthylene	13.77	152	46847	0.846	ng		99
17) Acenaphthene	14.11	154	30044	0.808	ng		99
18) Fluorene	15.12	166	39329	0.854	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	12422	0.798	ng	#	84
21) Hexachlorobenzene	16.12	284	13641	0.673	ng		99
22) Pentachlorophenol	16.46	266	6067	2.270	ng		95
23) Phenanthrene	16.85	178	65723	0.862	ng		100
24) Anthracene	16.94	178	59445	0.900	ng		99
26) Fluoranthene	18.88	202	81186	0.848	ng		100
28) Pyrene	19.25	202	81797	0.831	ng		100
30) Benzo(a)anthracene	21.02	228	83089	0.951	ng		97
31) Chrysene	21.07	228	81124	0.829	ng		99
32) Bis(2-ethylhexyl)phthalate	20.98	149	33269	0.818	ng		99
33) Indeno(1,2,3-cd)pyrene	25.22	276	99273	0.829	ng		100
35) Benzo(b)fluoranthene	22.53	252	85615	0.904	ng		98
36) Benzo(k)fluoranthene	22.57	252	83636	0.787	ng		98
37) Benzo(a)pyrene	23.06	252	76673	0.835	ng		98
38) Dibenzo(a,h)anthracene	25.23	278	80694	0.872	ng		98
39) Benzo(g,h,i)perylene	25.84	276	80835	0.833	ng		99

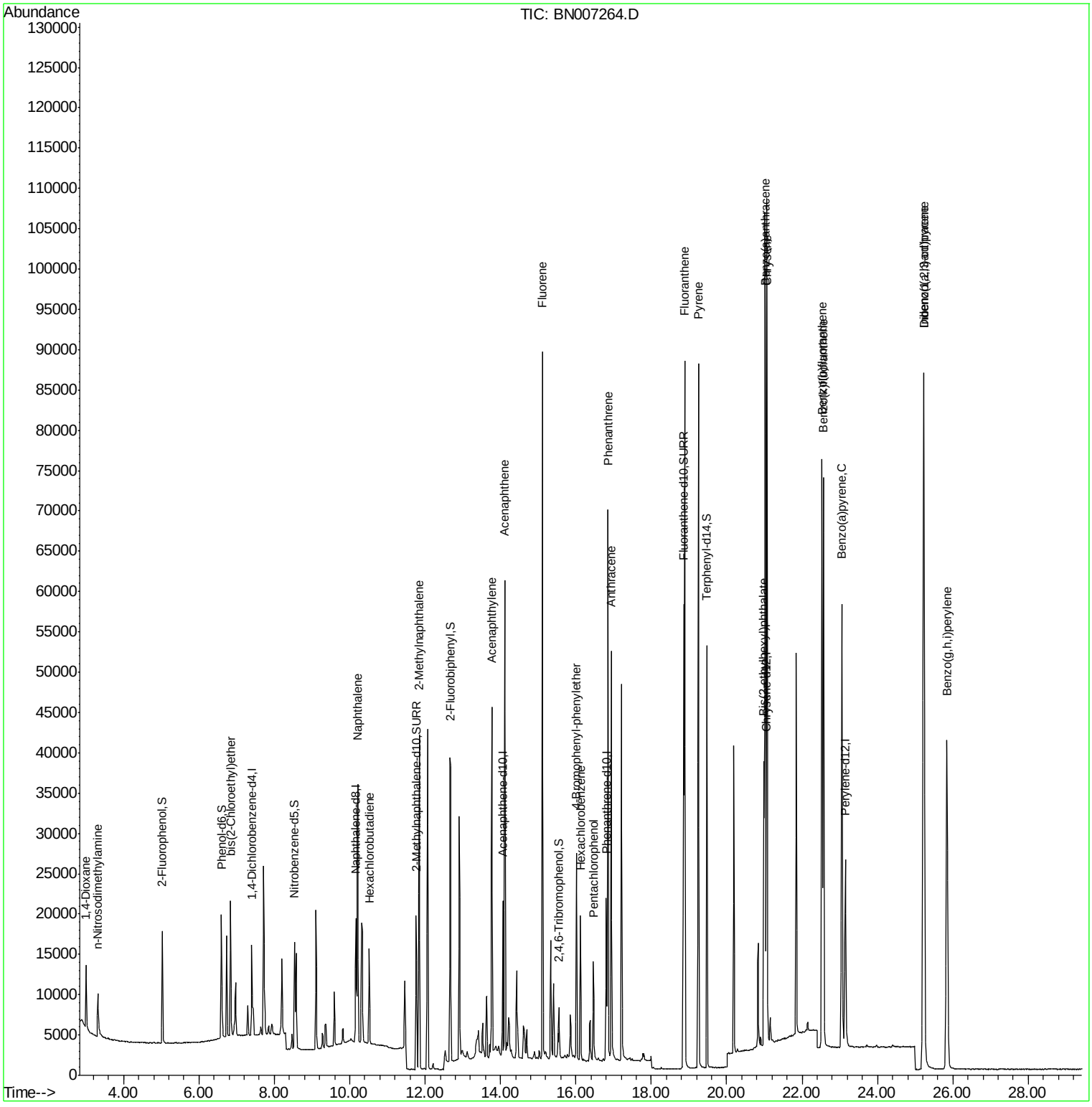
(#) = qualifier out of range (m) = manual integration (+) = signals summed

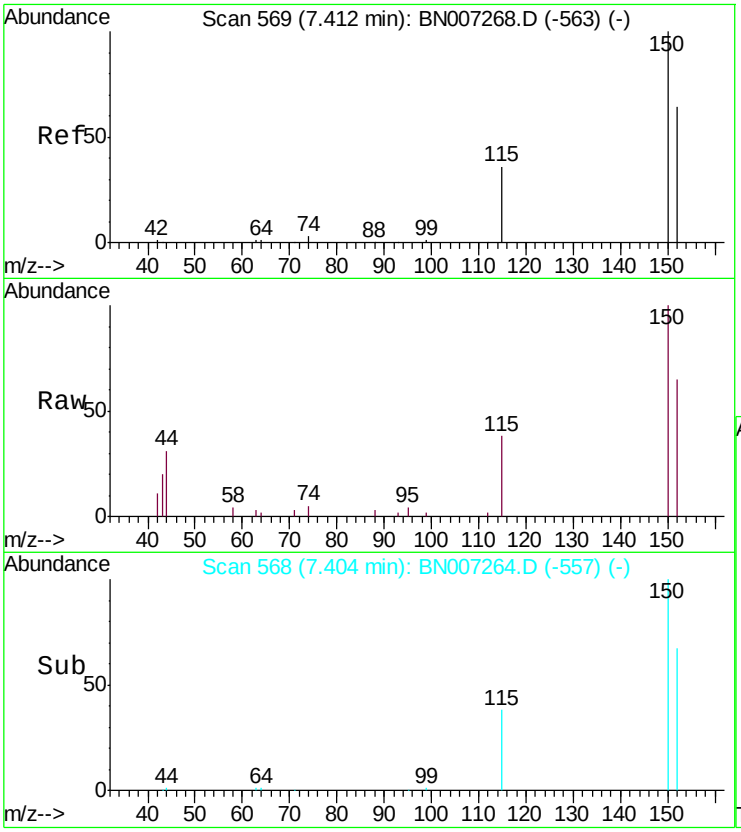
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007264.D
Acq On : 20 Aug 2019 14:49
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 20 18:03:34 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 17:50:18 2019
Response via : Initial Calibration



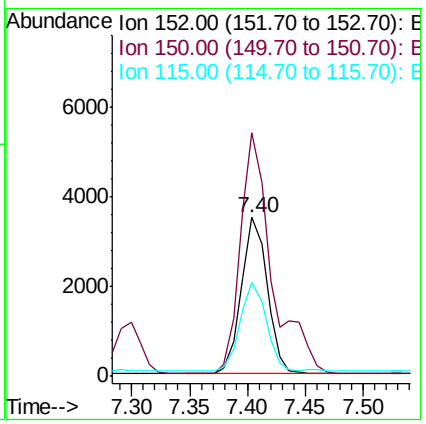


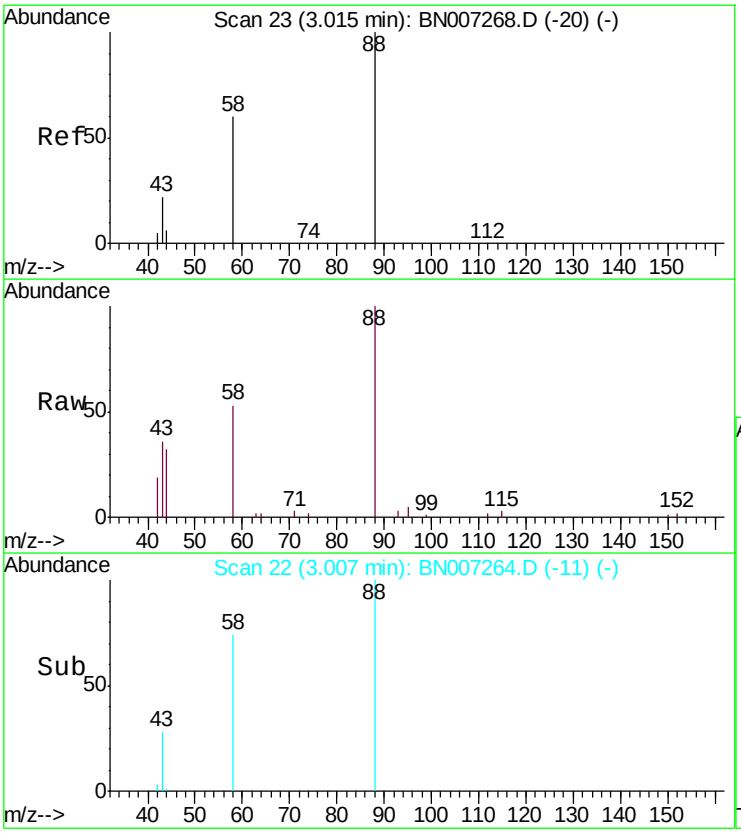
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 5398

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.8	185.8
115	58.8	47.3	70.9

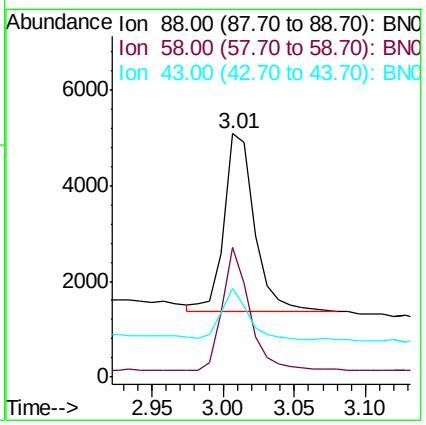


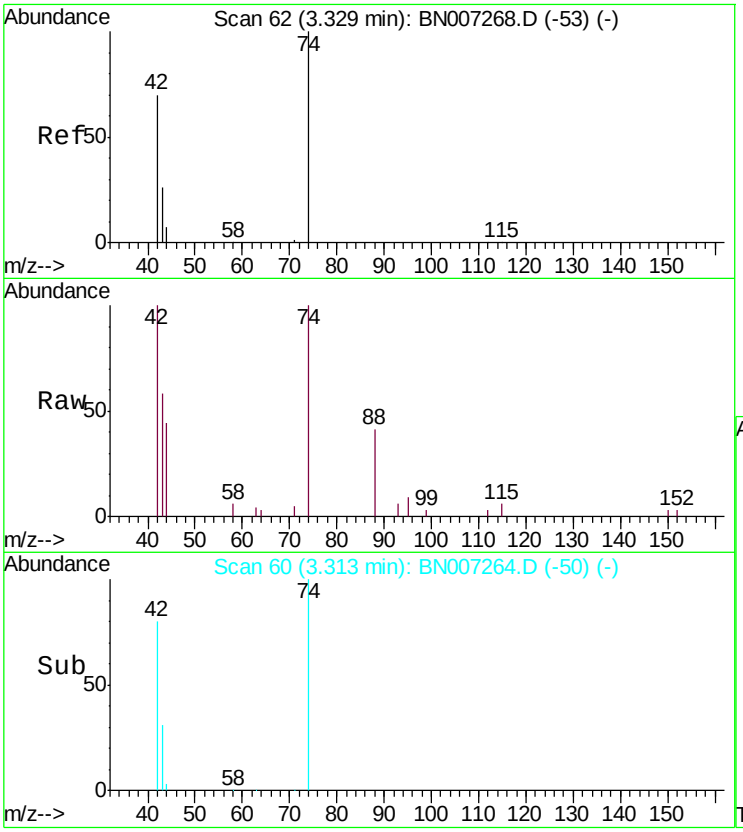


#2
1,4-Dioxane
Concen: 0.624 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion: 88 Resp: 5533

Ion	Ratio	Lower	Upper
88	100		
58	60.2	45.5	68.3
43	25.3	20.4	30.6



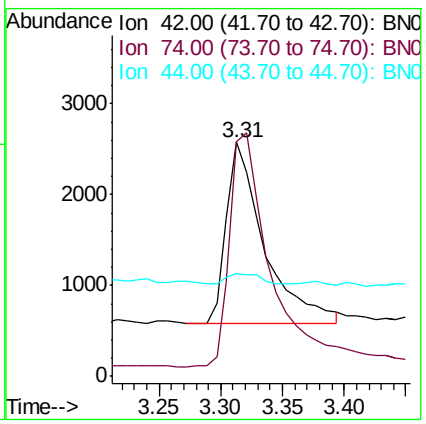


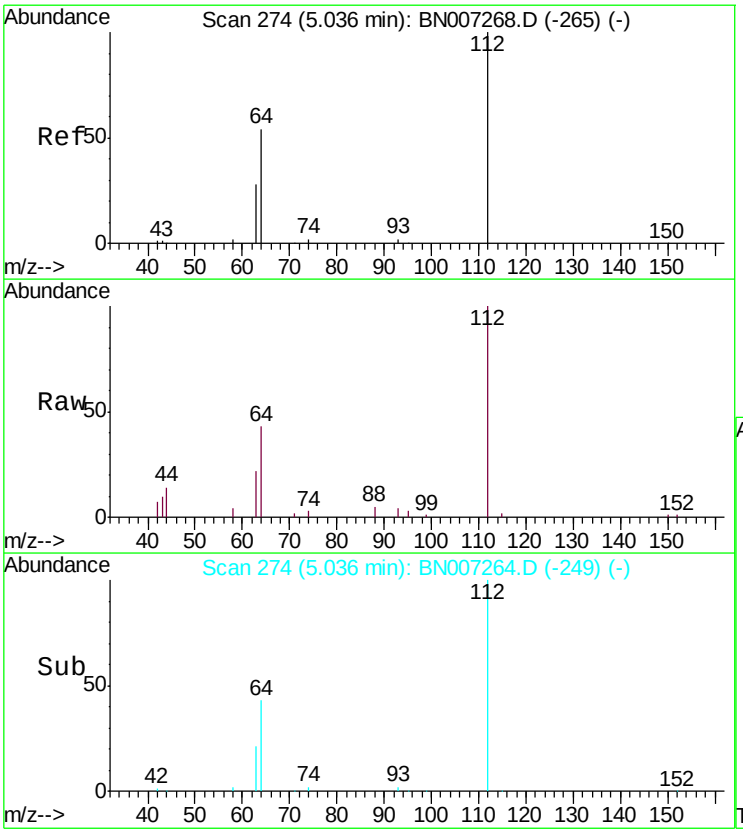
#3
n-Nitrosodimethylamine
Concen: 0.616 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 4238

Ion	Ratio	Lower	Upper
42	100		
74	137.5	109.0	163.4
44	5.8	4.2	6.2

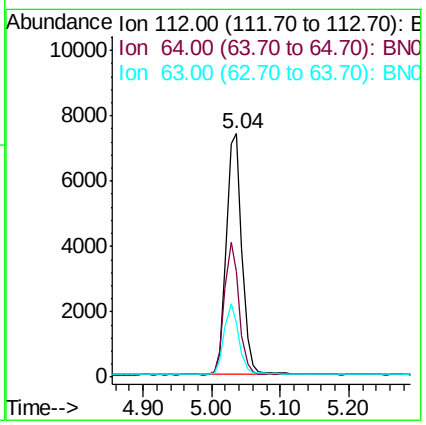


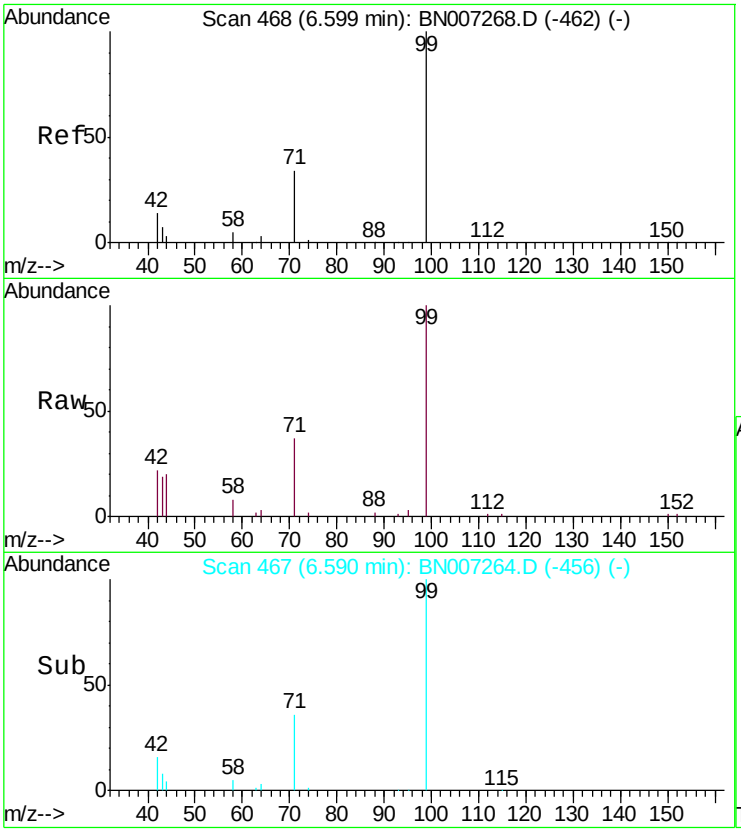


#4
2-Fluorophenol
Concen: 0.967 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:112 Resp: 11597

Ion	Ratio	Lower	Upper
112	100		
64	51.8	41.8	62.8
63	27.2	22.6	34.0



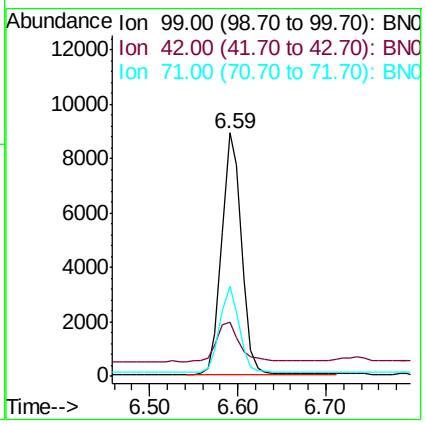


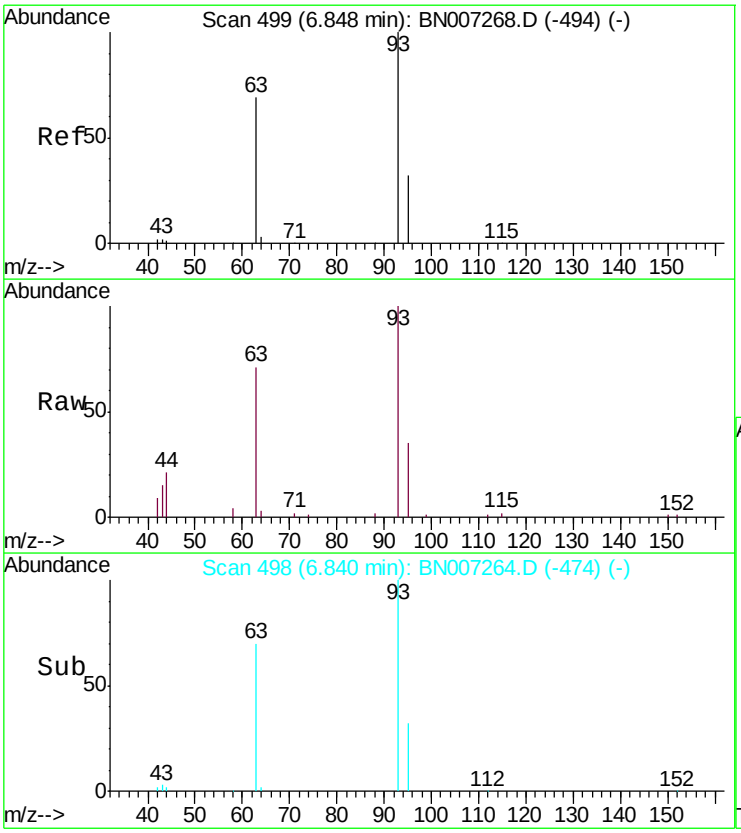
#5
Phenol-d6
Concen: 0.834 ng
RT: 6.59 min Scan# 467
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 13775

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.3	21.5
71	34.7	27.3	40.9

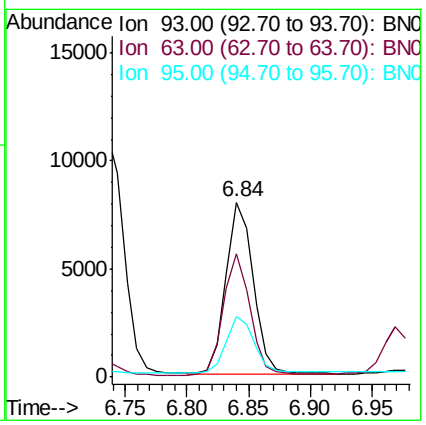


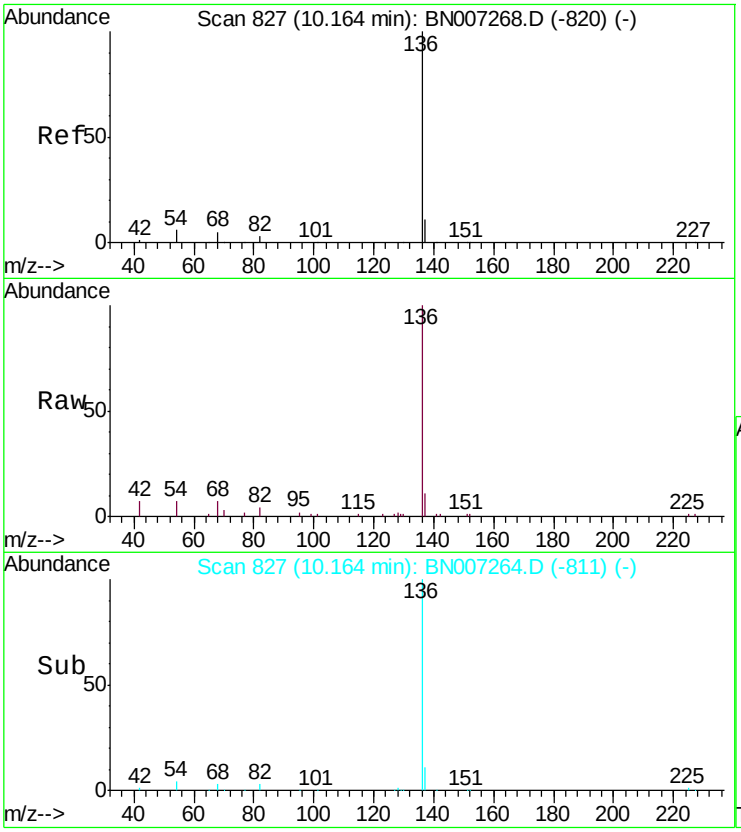


#6
bis(2-Chloroethyl)ether
Concen: 0.670 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion: 93 Resp: 12299

Ion	Ratio	Lower	Upper
93	100		
63	68.8	54.4	81.6
95	32.9	25.5	38.3



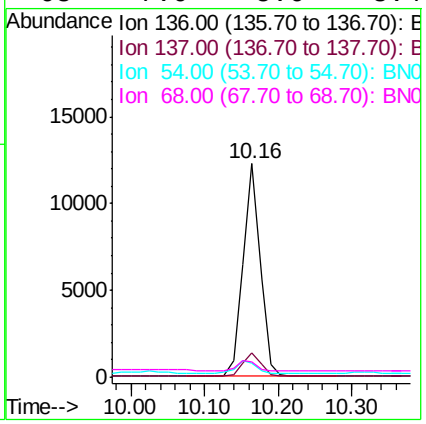


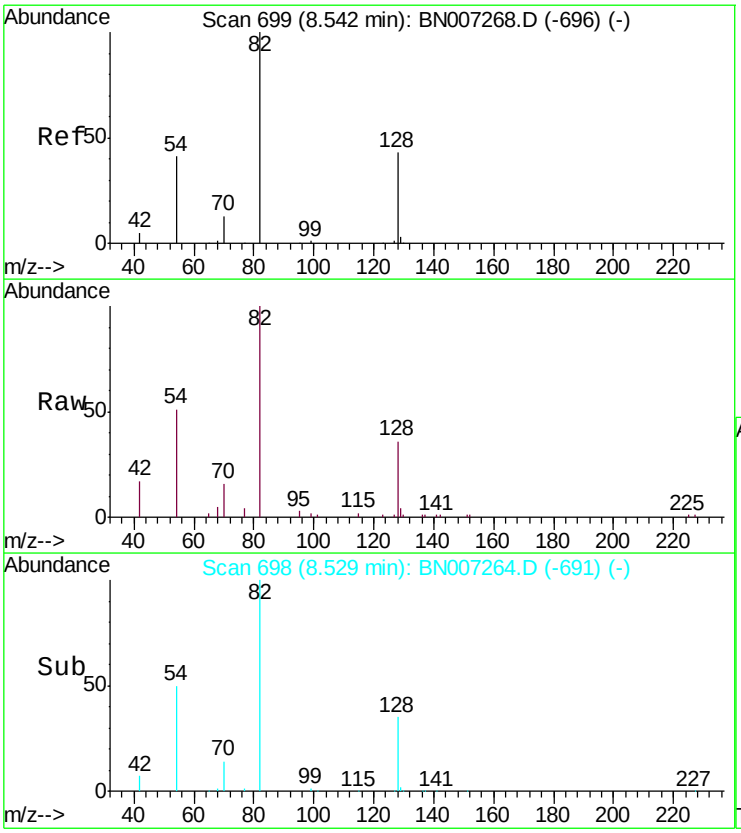
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 19806

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.6	5.9	8.9
68	7.0	5.6	8.4

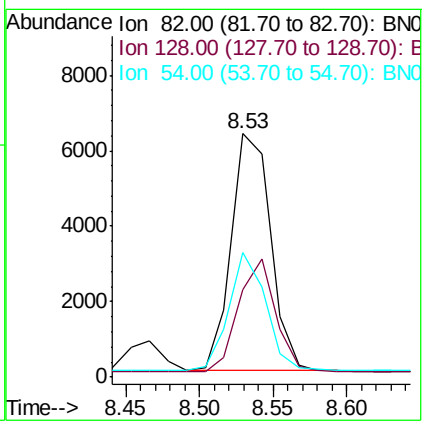


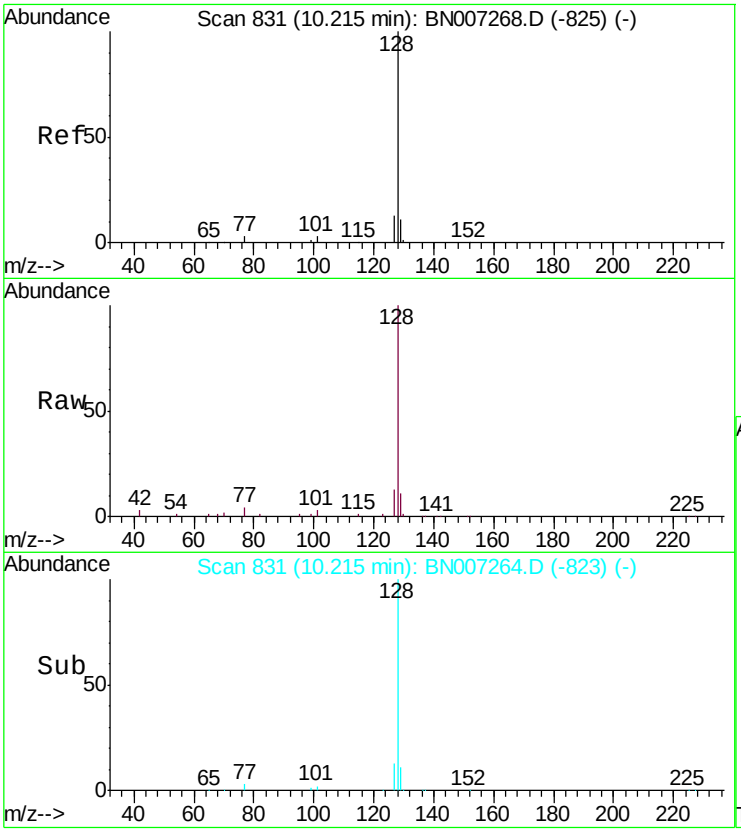


#8
Nitrobenzene-d5
Concen: 0.864 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion: 82 Resp: 11668

Ion	Ratio	Lower	Upper
82	100		
128	36.1	35.8	53.6
54	51.1	34.7	52.1



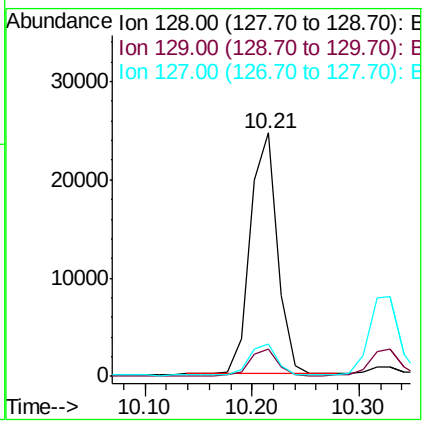


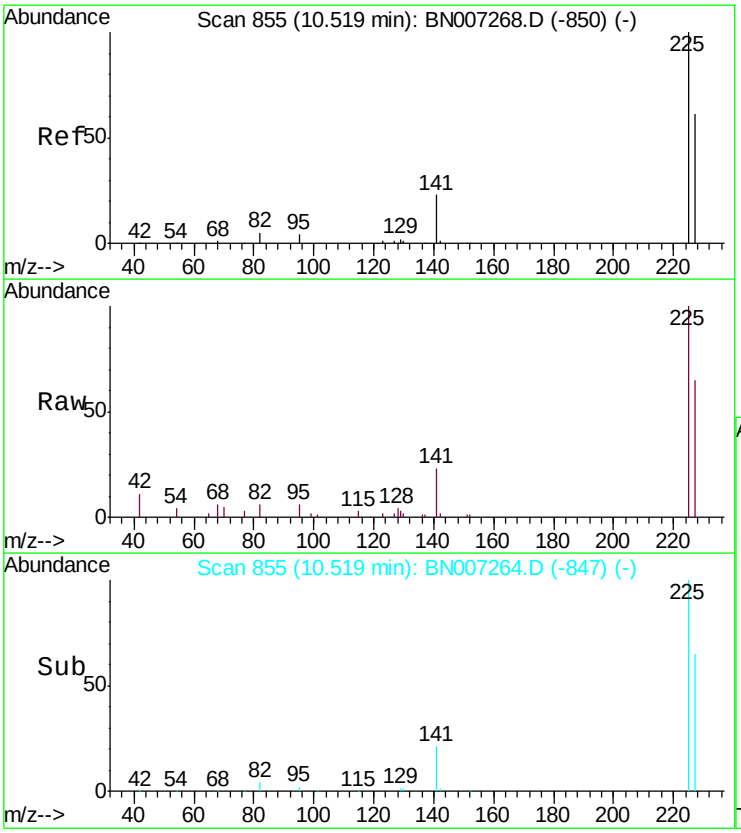
#9
Naphthalene
Concen: 0.818 ng
RT: 10.21 min Scan# 831
Delta R.T. -0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 43379

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.2	10.6	16.0

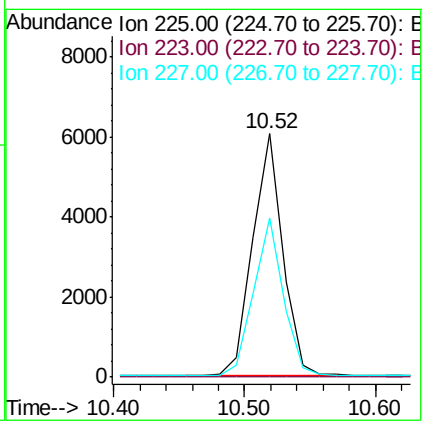


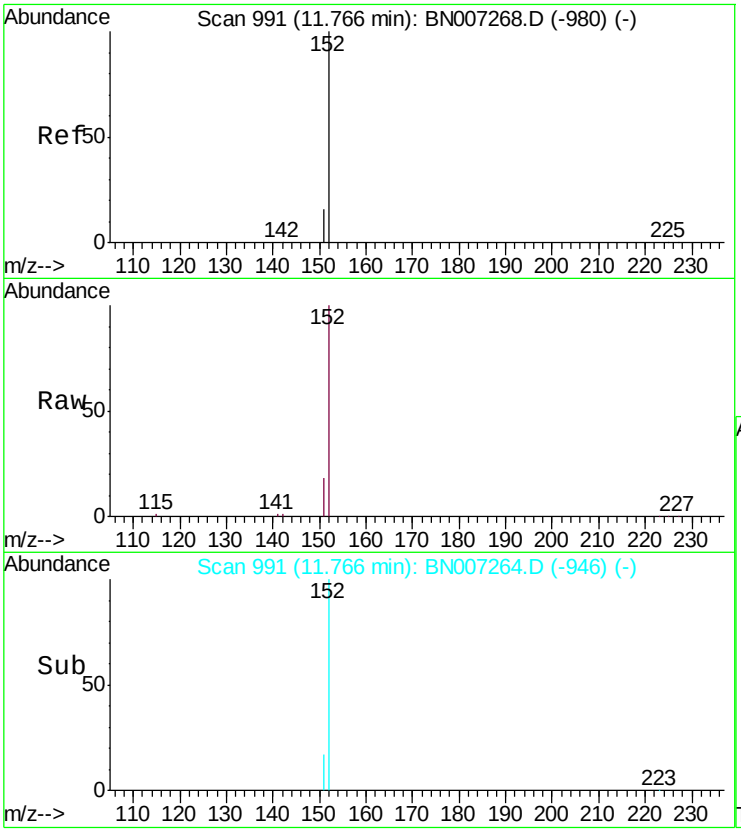


#10
Hexachlorobutadiene
Concen: 0.827 ng
RT: 10.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:225 Resp: 9514

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.2	75.2



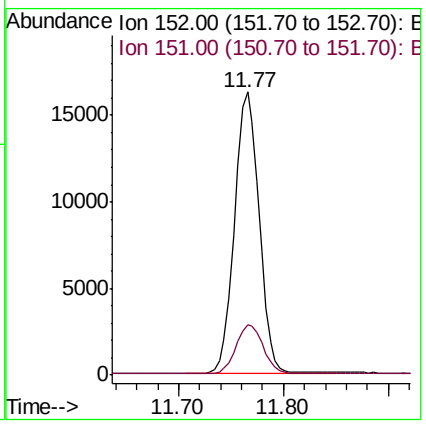


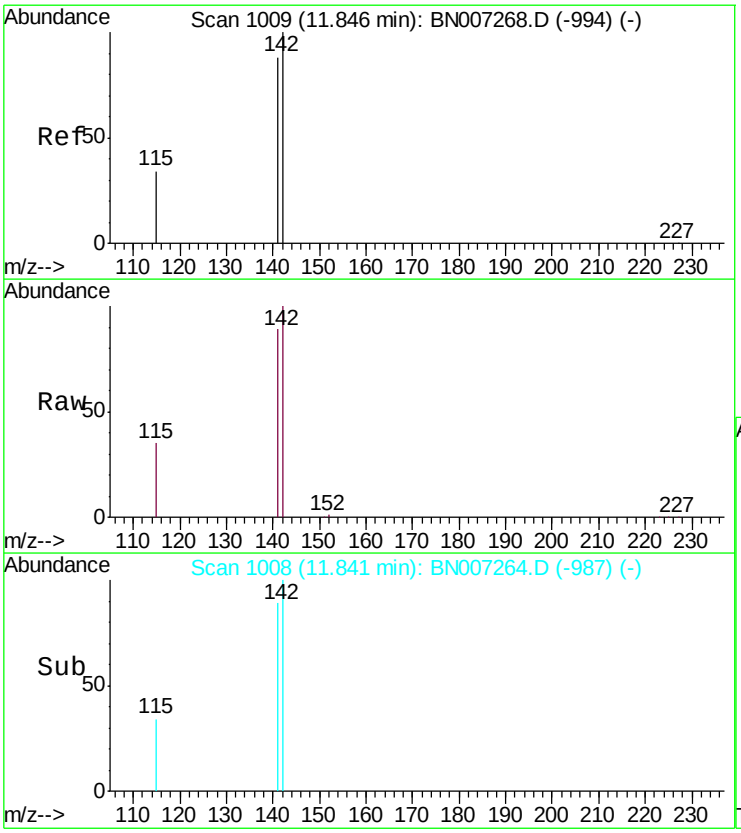
#11
2-Methylnaphthalene-d10
Concen: 0.894 ng
RT: 11.77 min Scan# 991
Delta R.T. -0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 26453

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8

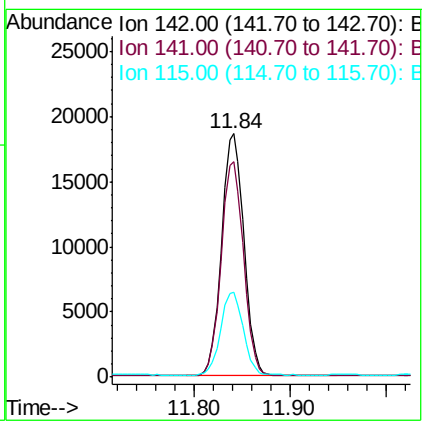


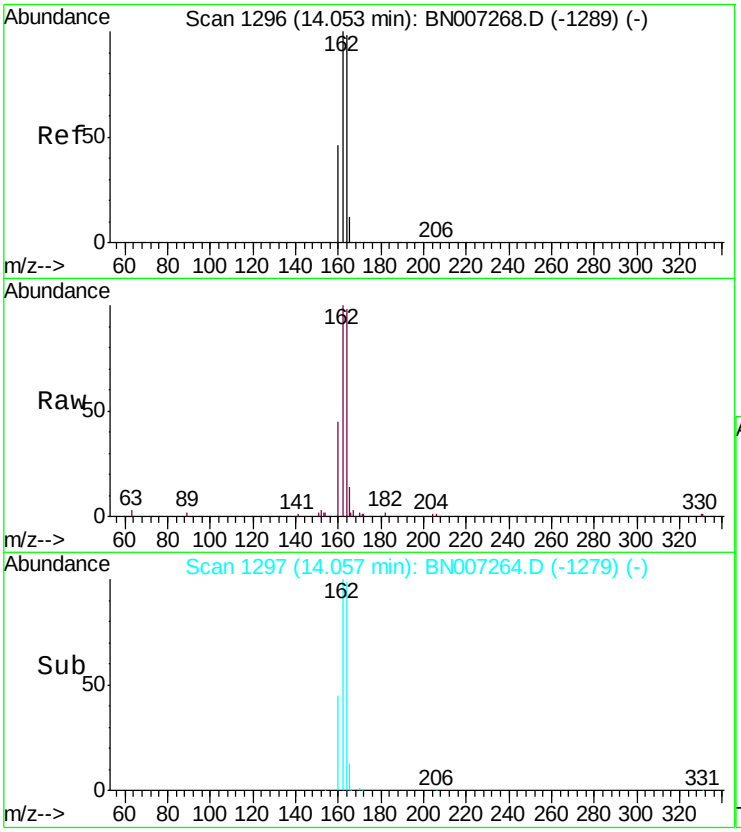


#12
2-Methylnaphthalene
Concen: 0.890 ng
RT: 11.84 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:142 Resp: 30174

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.7	106.1
115	35.0	28.1	42.1



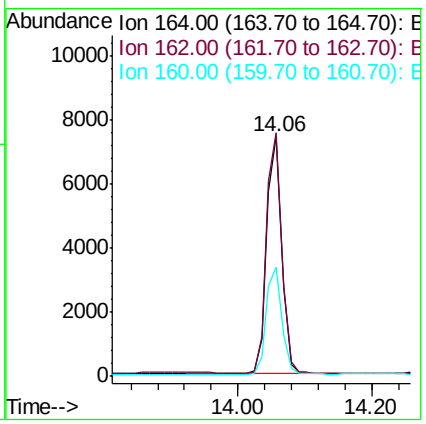


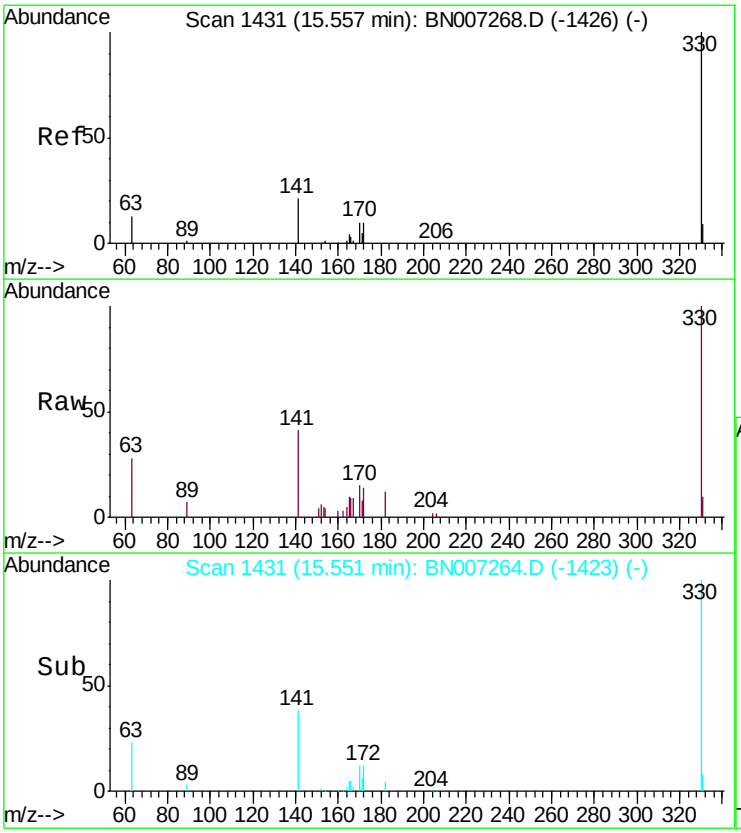
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 11729

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.0	123.0
160	45.8	38.2	57.4

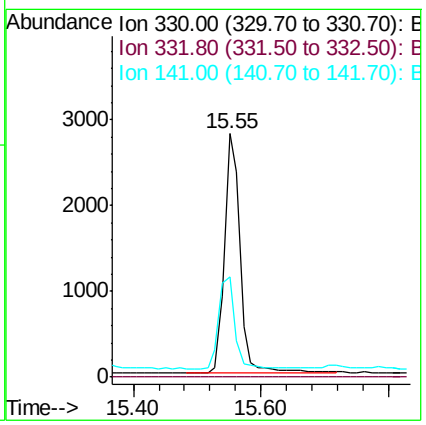


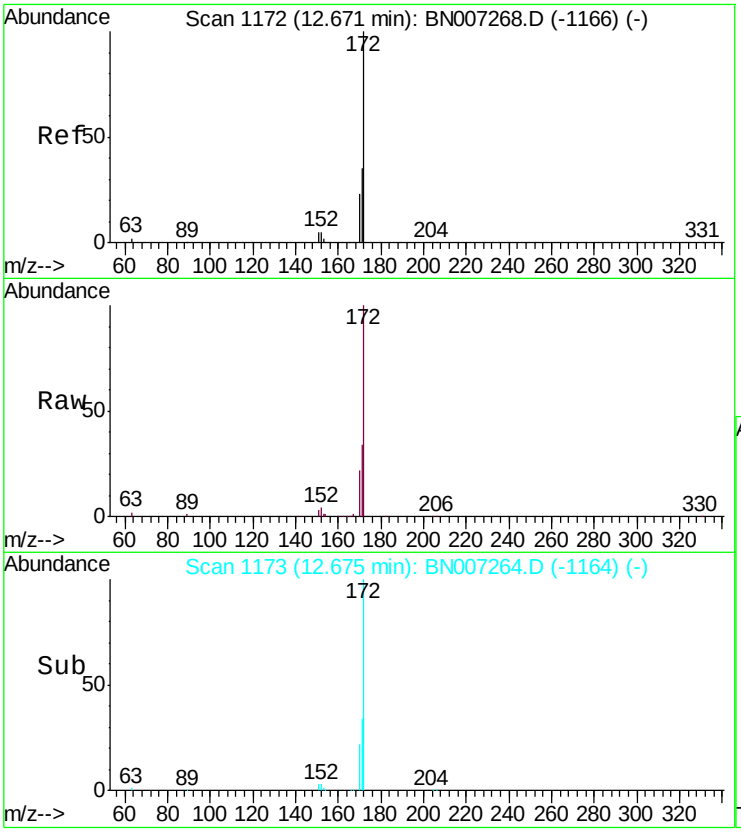


#14
2,4,6-Tribromophenol
Concen: 0.872 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:330 Resp: 4774

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.5	30.3	45.5



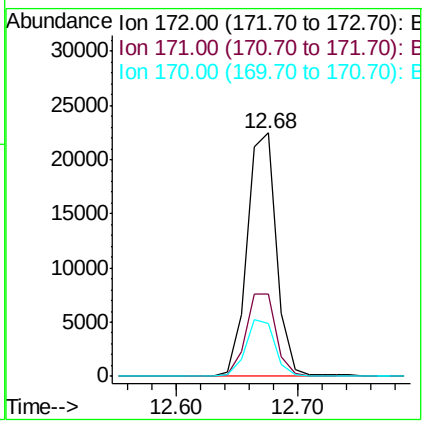


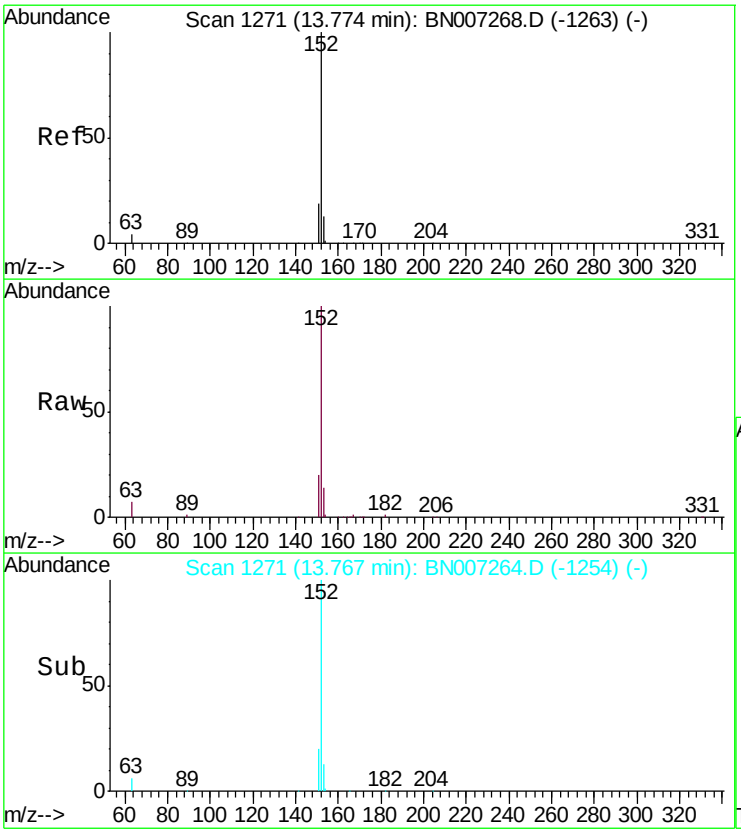
#15
2-Fluorobiphenyl
Concen: 0.858 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 37492

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	43.0
170	21.7	18.7	28.1

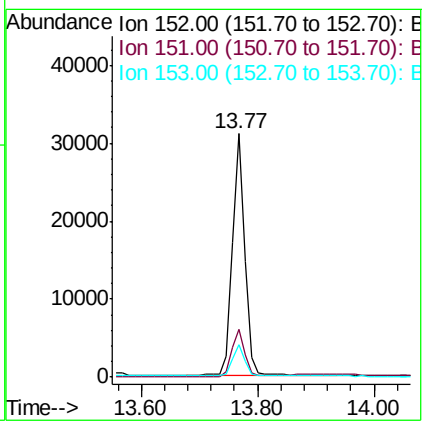


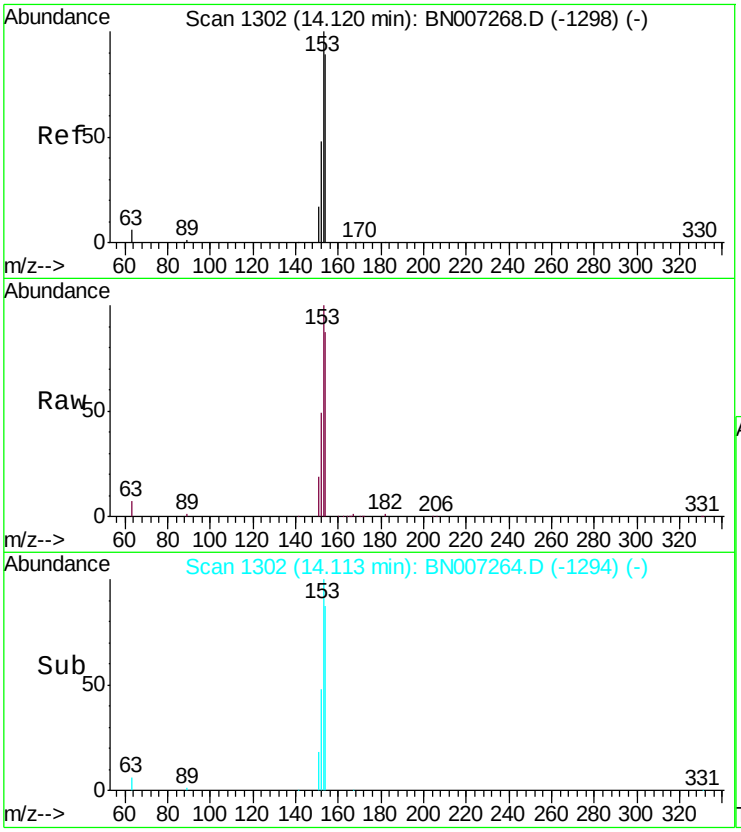


#16
Acenaphthylene
Concen: 0.846 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:152 Resp: 46847

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2
153	12.8	10.1	15.1



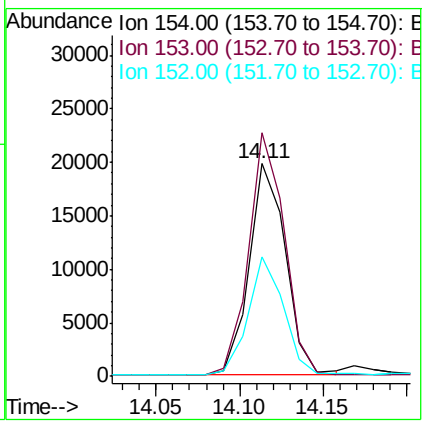


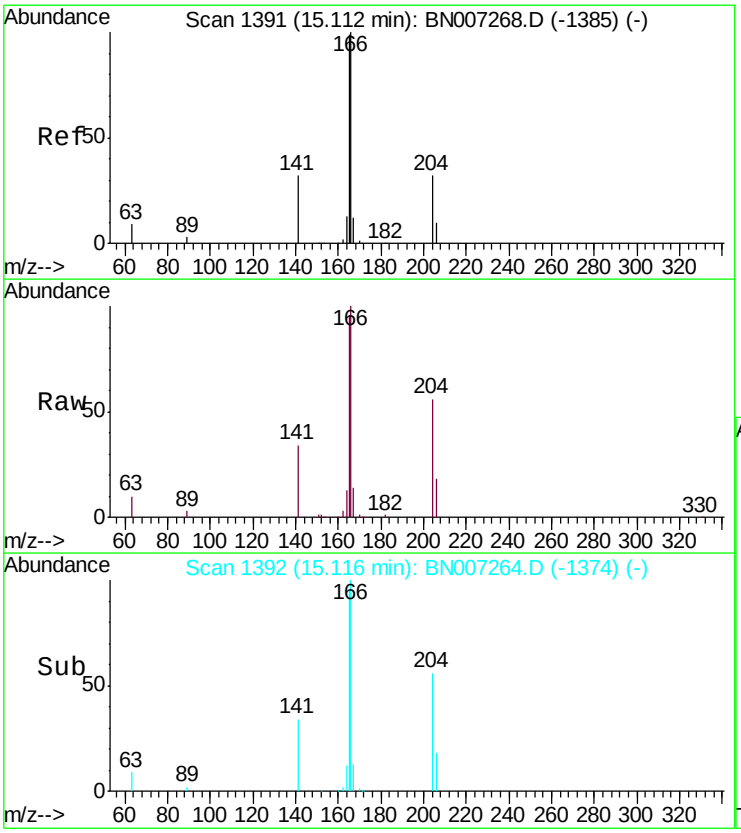
#17
Acenaphthene
Concen: 0.808 ng
RT: 14.11 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 30044

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.9	134.9
152	53.7	43.9	65.9

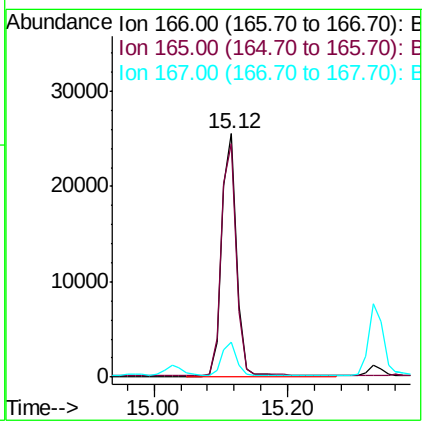


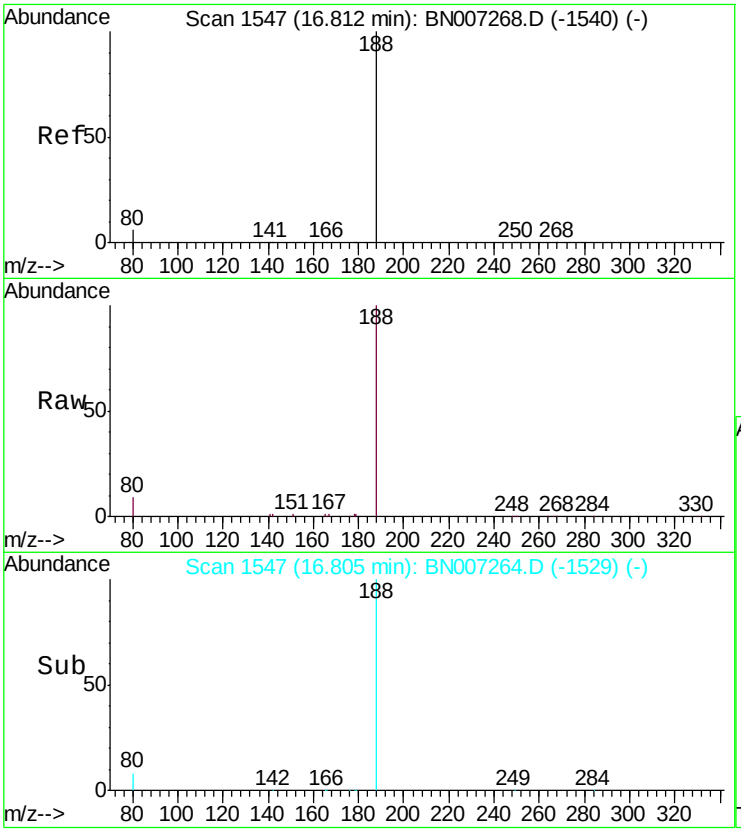


#18
Fluorene
Concen: 0.854 ng
RT: 15.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:166 Resp: 39329

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.3	117.5
167	13.5	11.1	16.7



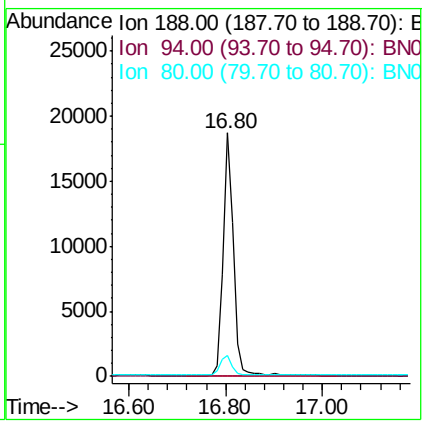


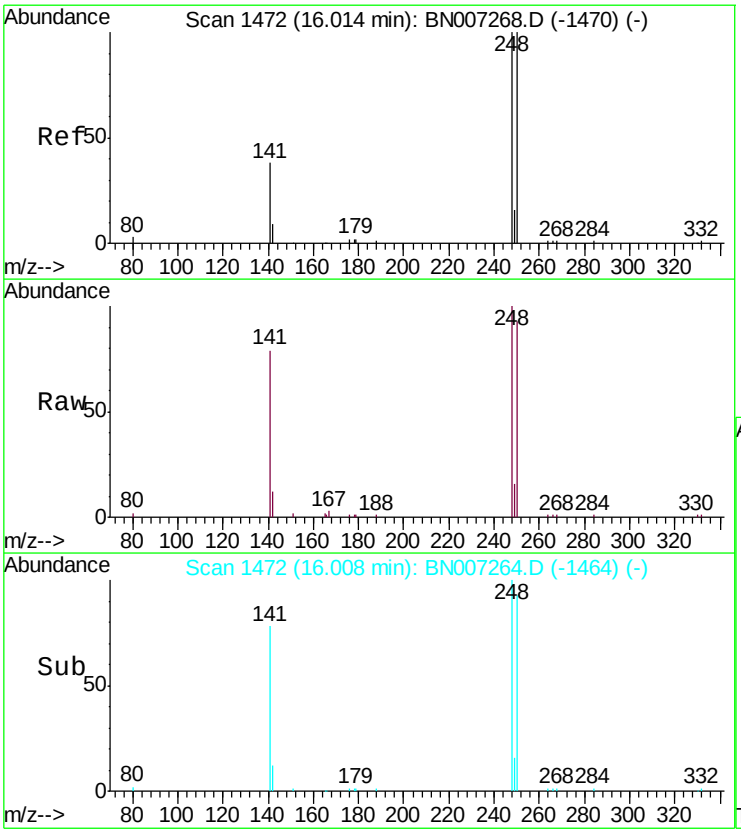
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 27508

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	5.2	7.8#

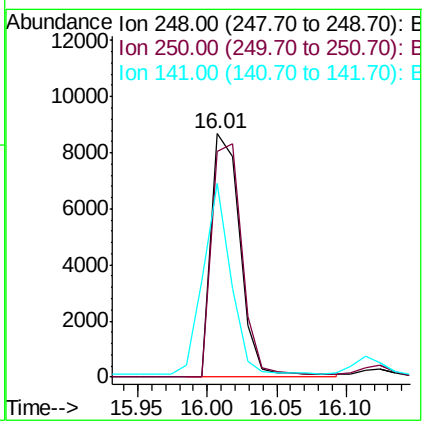


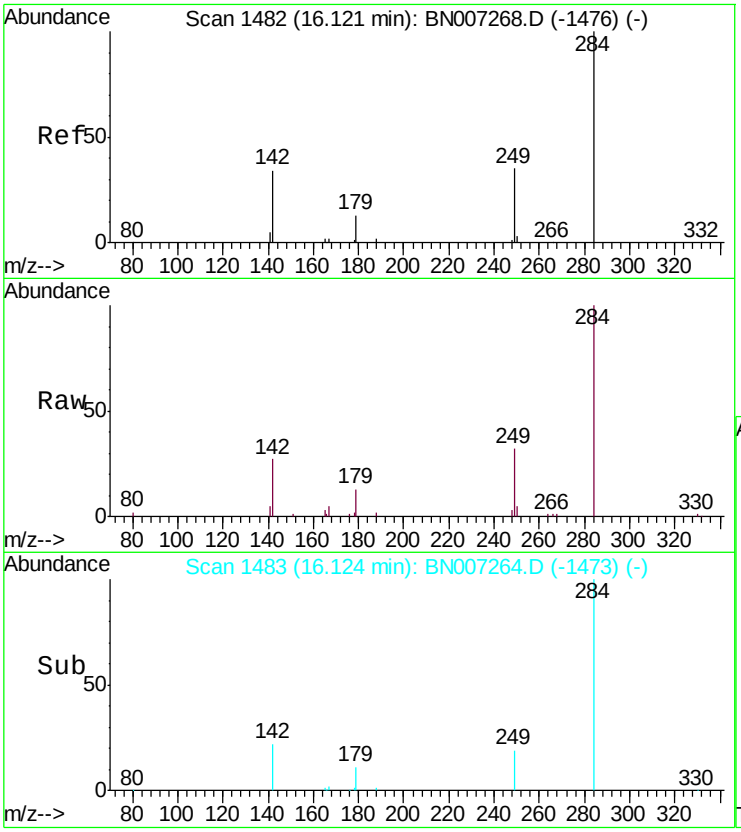


#20
4-Bromophenyl-phenylether
Concen: 0.798 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:248 Resp: 12422

Ion	Ratio	Lower	Upper
248	100		
250	92.5	79.6	119.4
141	79.5	45.1	67.7#



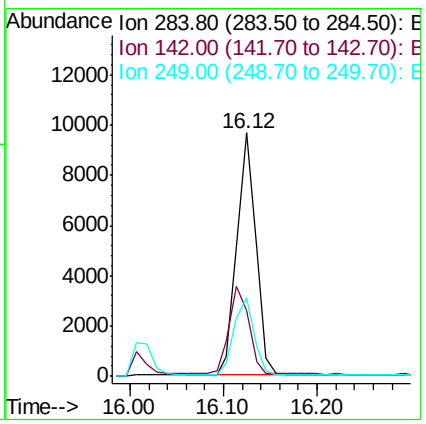


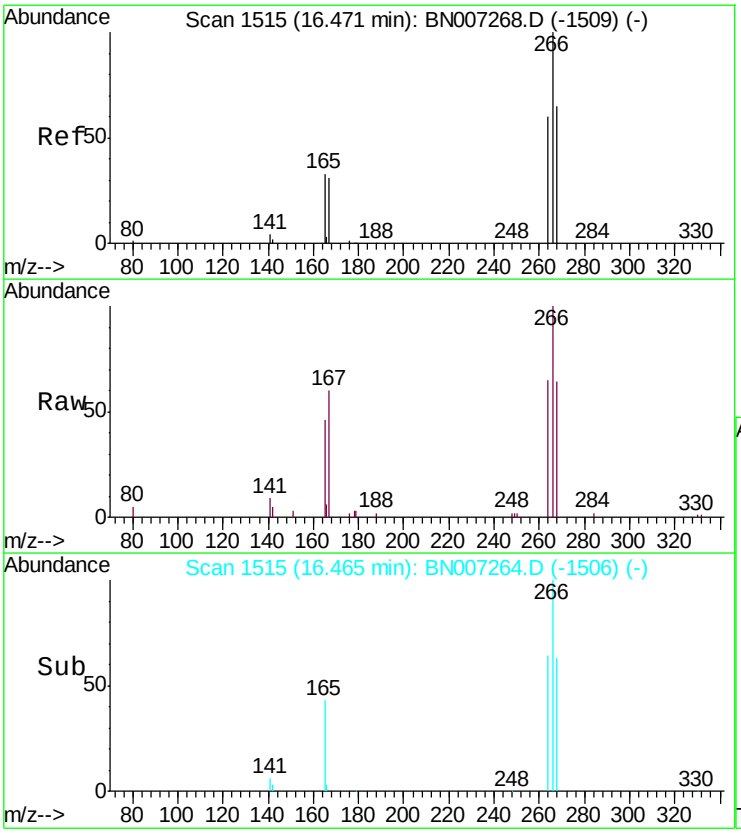
#21
Hexachlorobenzene
Concen: 0.673 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 13641

Ion	Ratio	Lower	Upper
284	100		
142	37.9	29.5	44.3
249	32.7	26.2	39.4

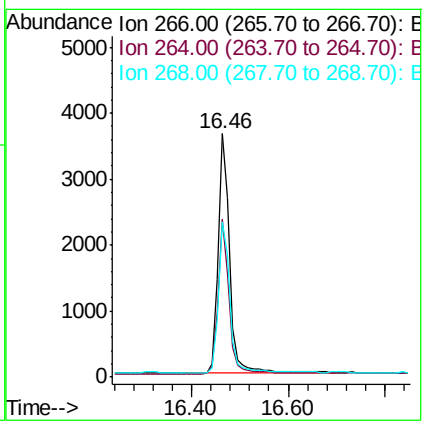


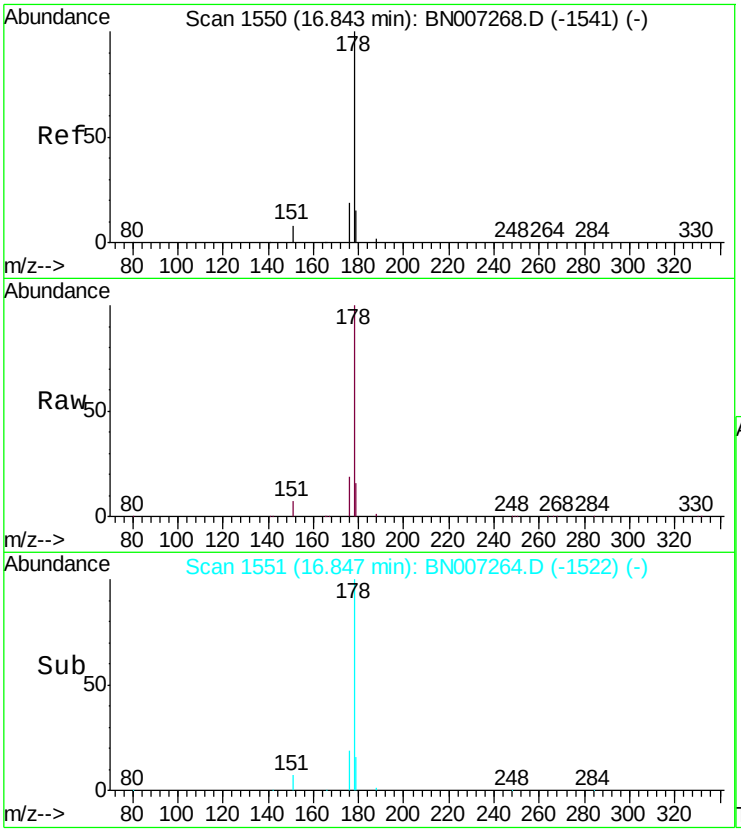


#22
Pentachlorophenol
Concen: 2.270 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:266 Resp: 6067

Ion	Ratio	Lower	Upper
266	100		
264	64.7	48.7	73.1
268	63.6	53.5	80.3



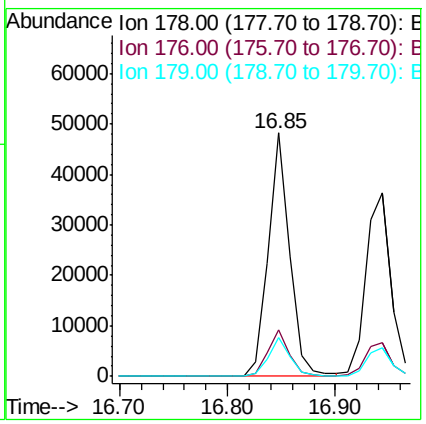


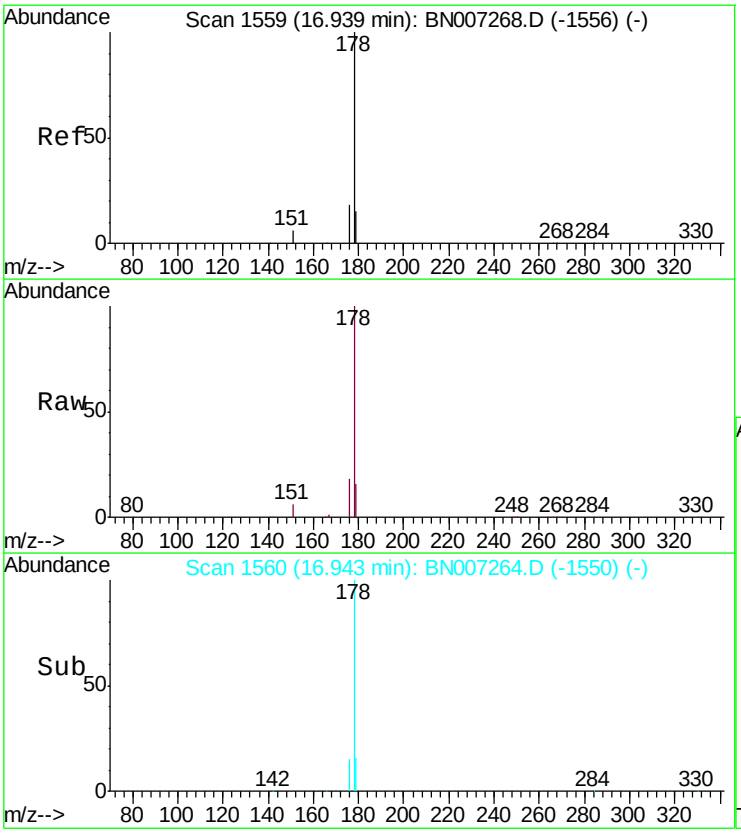
#23
Phenanthrene
Concen: 0.862 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 65723

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.5	12.3	18.5

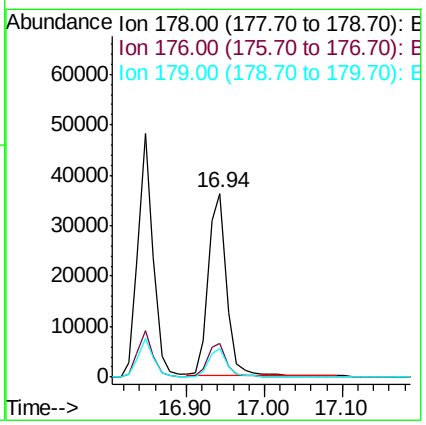


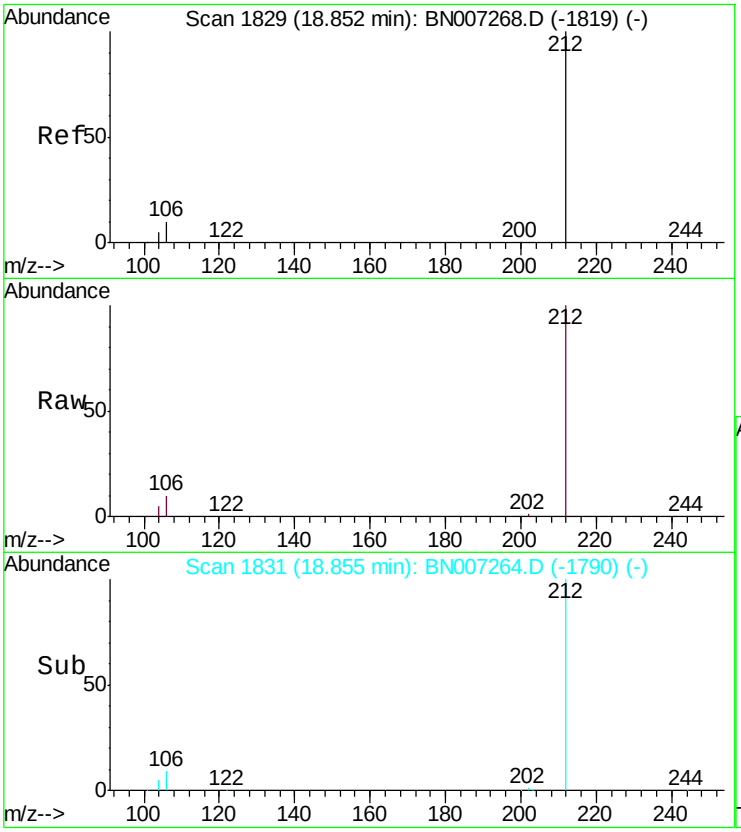


#24
Anthracene
Concen: 0.900 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:178 Resp: 59445

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.3	21.5
179	15.2	12.3	18.5



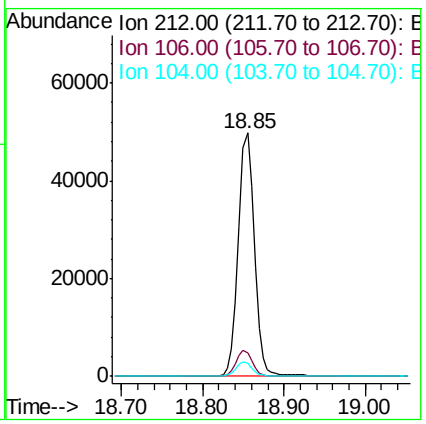


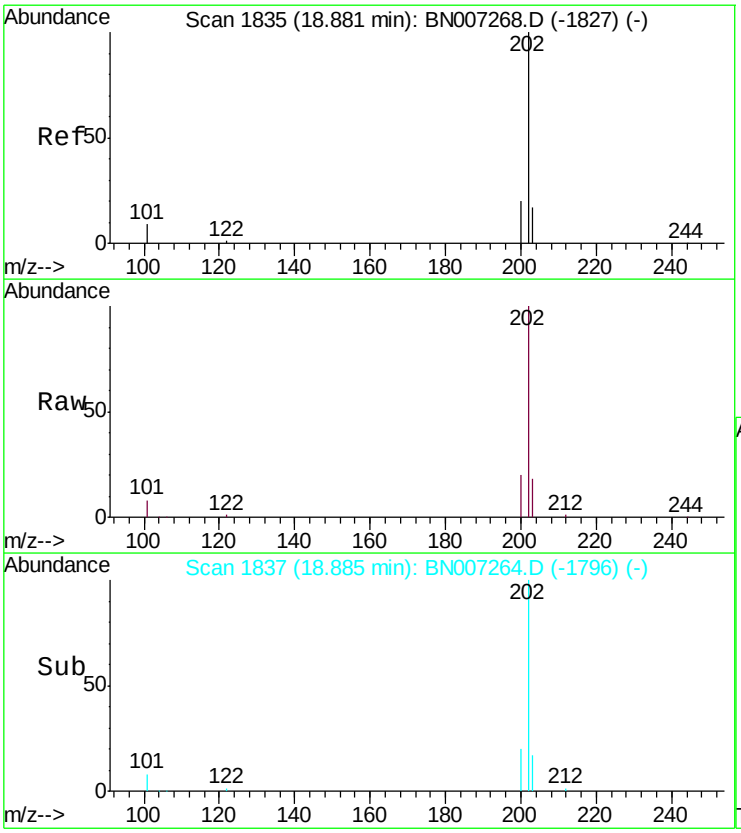
#25
Fluoranthene-d10
Concen: 0.820 ng
RT: 18.85 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 68179

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.4
104	5.8	4.7	7.1

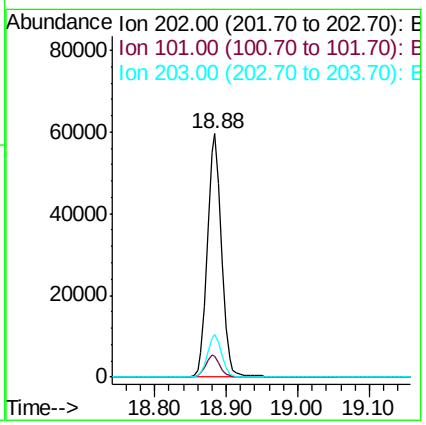


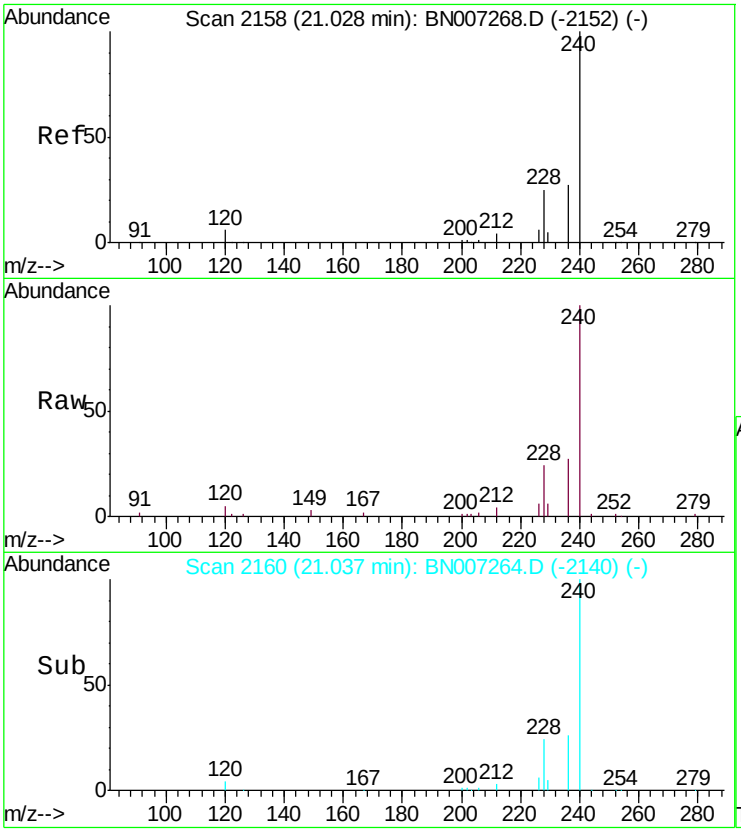


#26
Fluoranthene
Concen: 0.848 ng
RT: 18.88 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:202 Resp: 81186

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.2	13.8	20.6



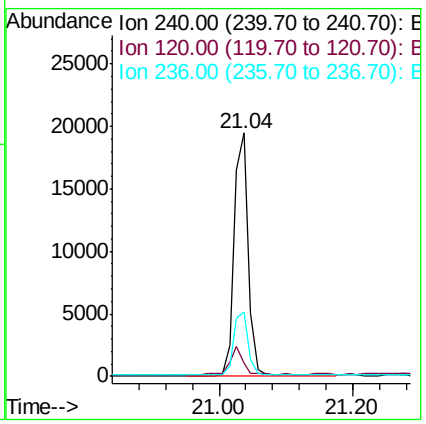


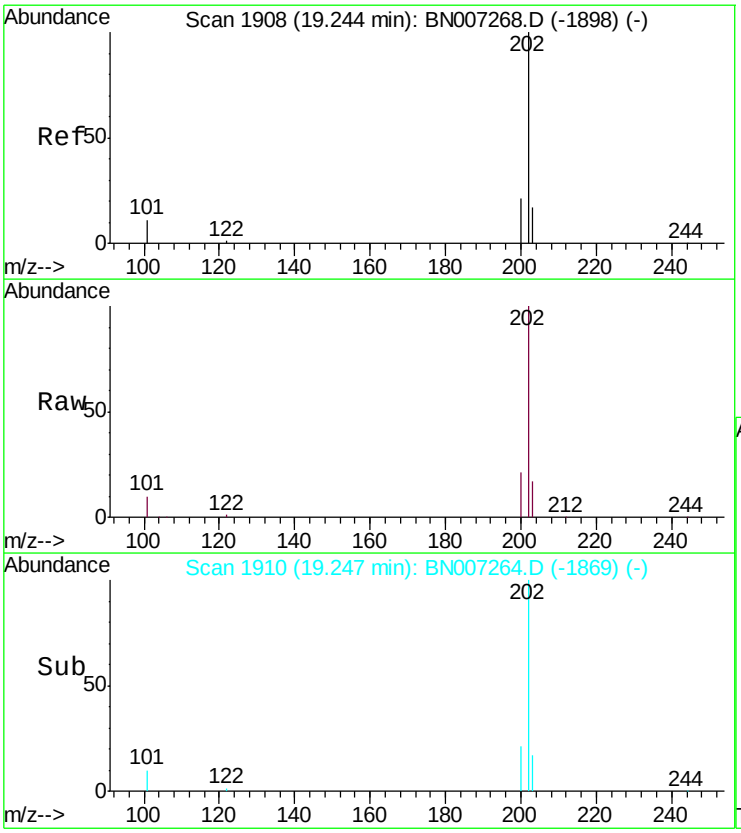
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.04 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 28337

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.6	8.4#
236	26.7	21.6	32.4

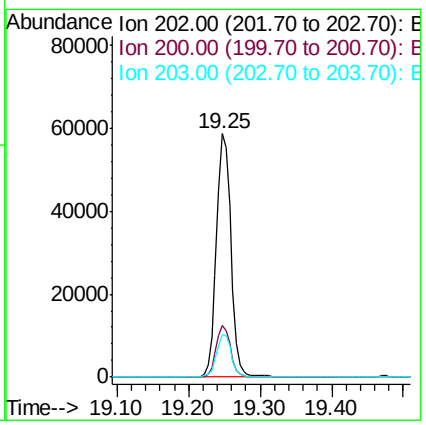


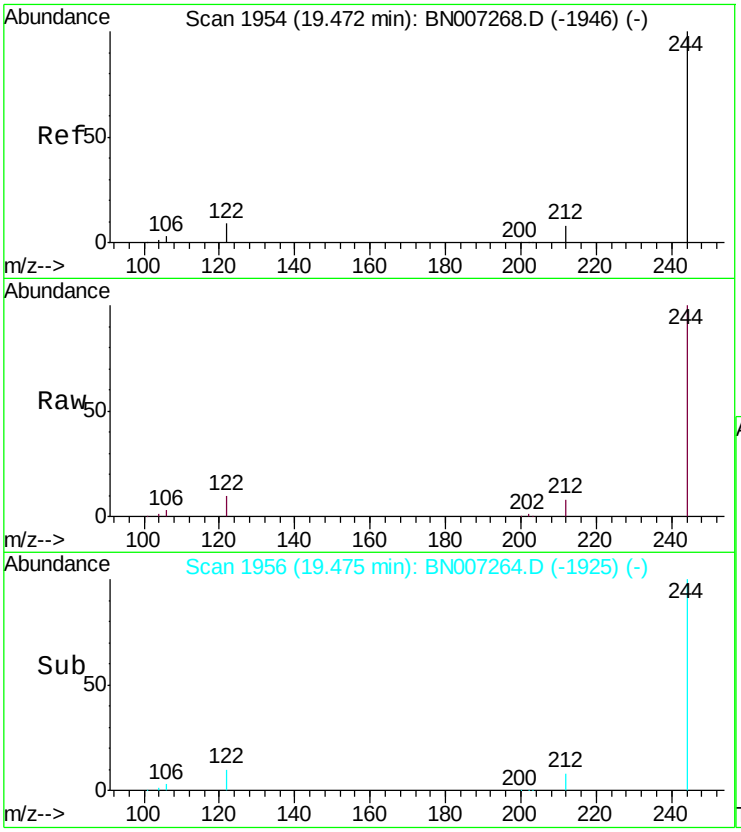


#28
Pyrene
Concen: 0.831 ng
RT: 19.25 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:202 Resp: 81797

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.4	13.9	20.9



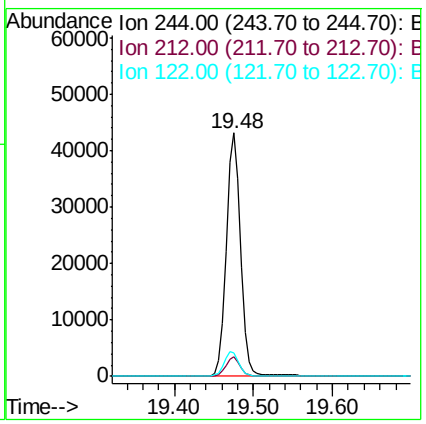


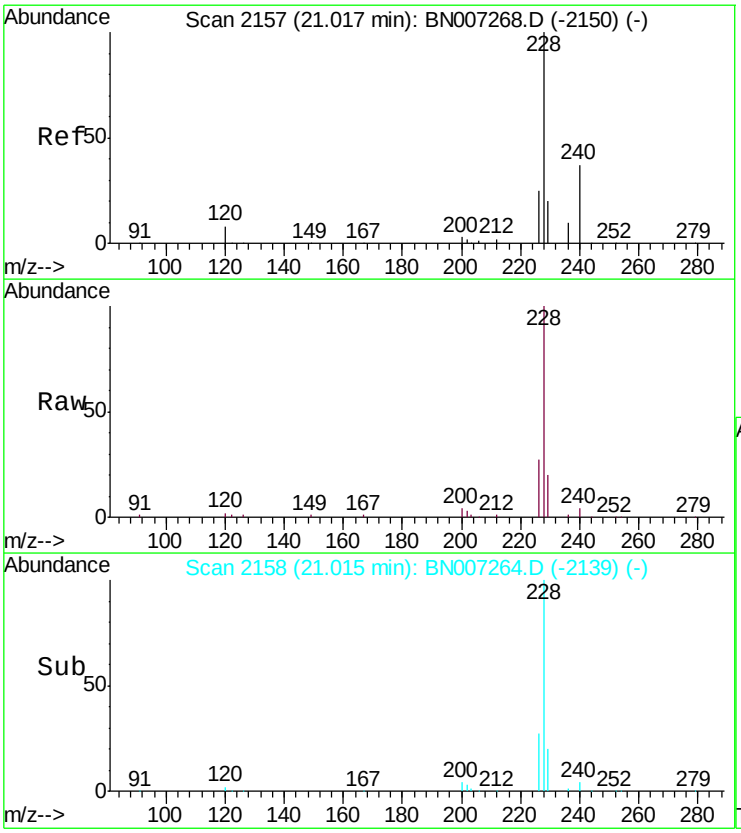
#29
Terphenyl-d14
Concen: 0.874 ng
RT: 19.48 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 54589

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.7	7.9	11.9

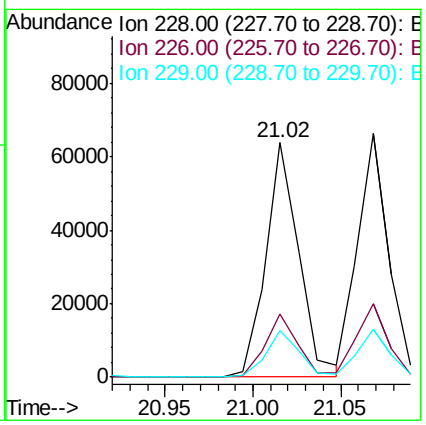


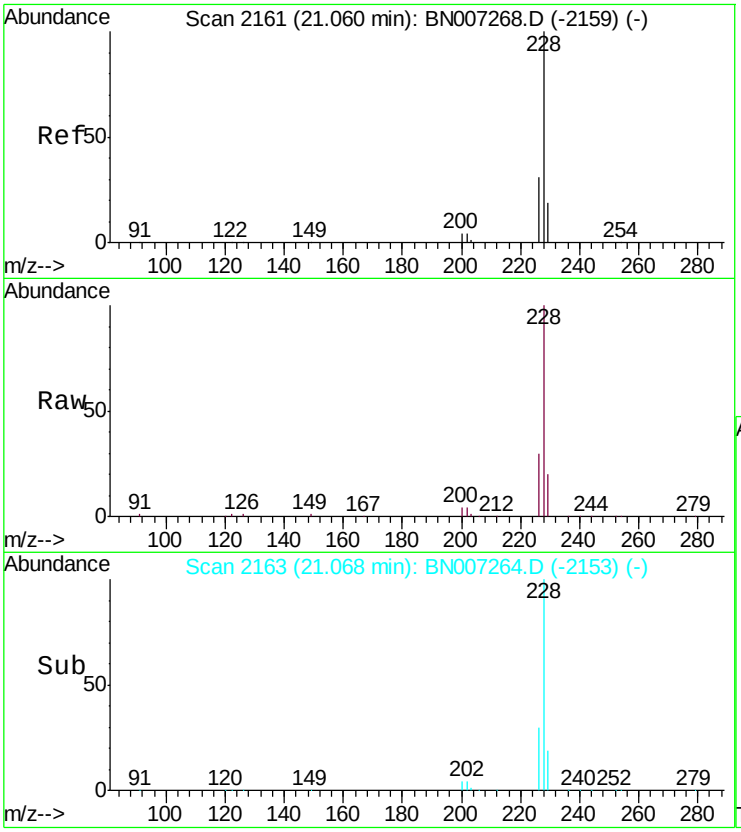


#30
Benzo(a)anthracene
Concen: 0.951 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:228 Resp: 83089

Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.6	30.8
229	19.9	16.9	25.3



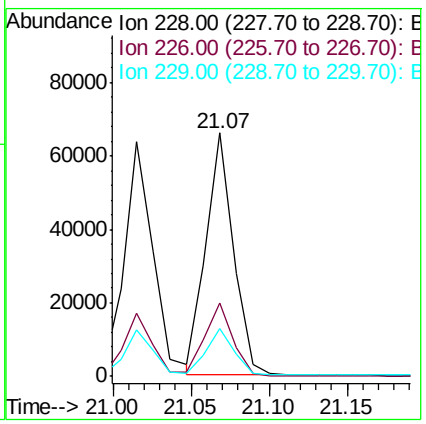


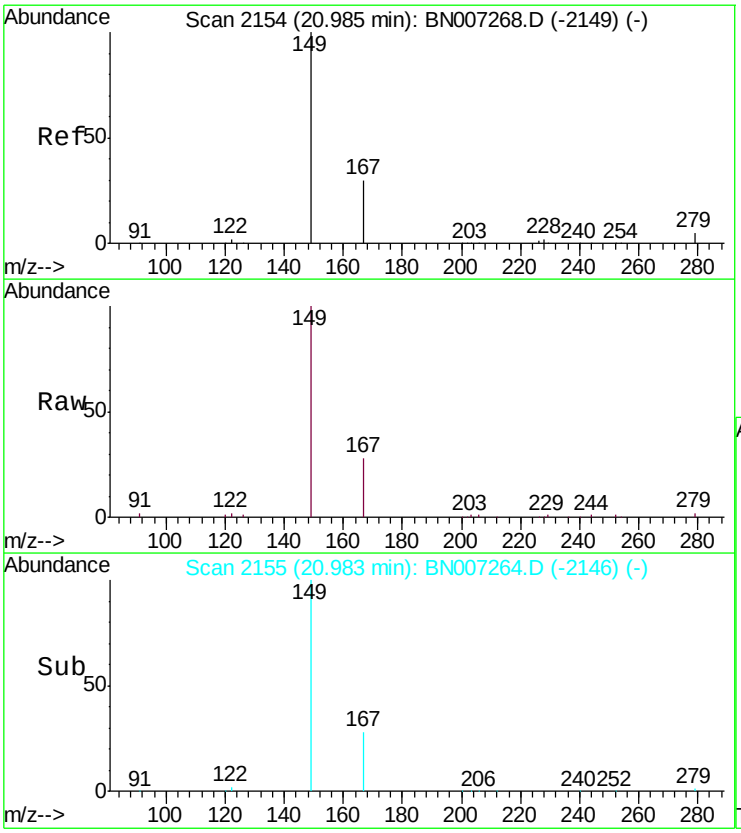
#31
Chrysene
Concen: 0.829 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 81124

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	36.8
229	19.8	15.6	23.4

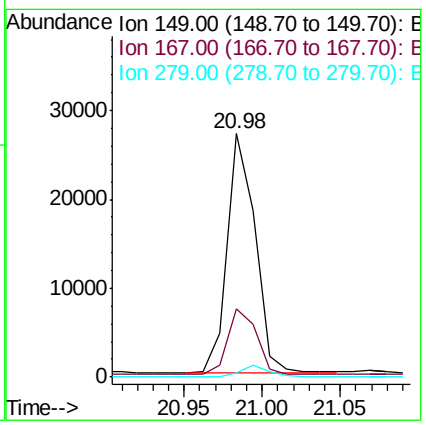


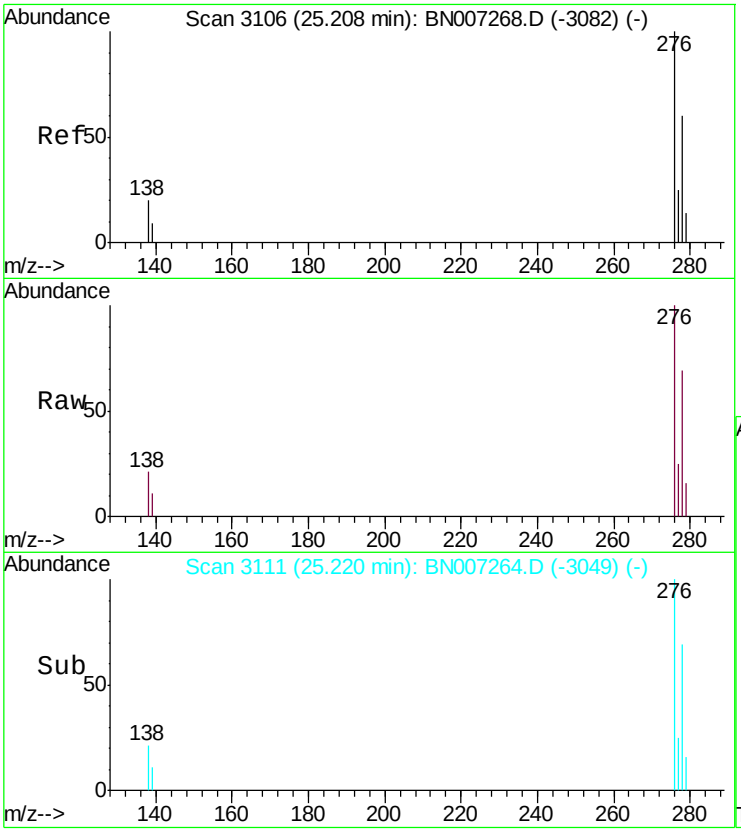


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.818 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:149 Resp: 33269

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.8	35.6
279	4.5	3.8	5.8



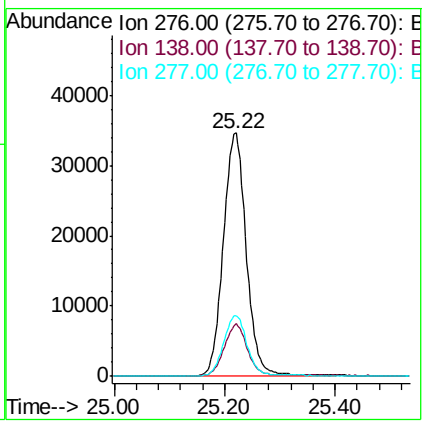


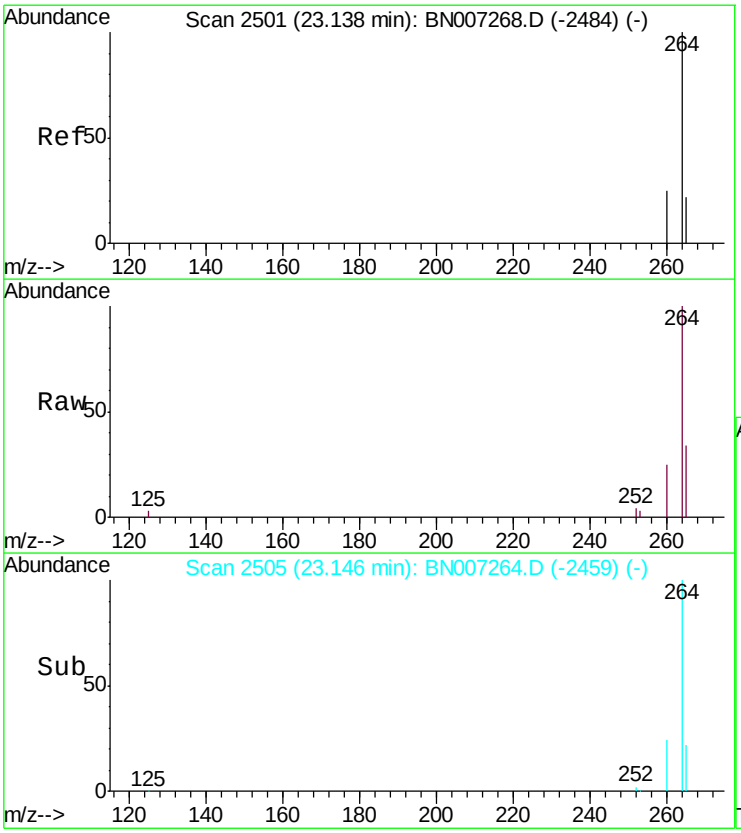
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.829 ng
RT: 25.22 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 99273

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.1	25.7
277	24.9	20.1	30.1

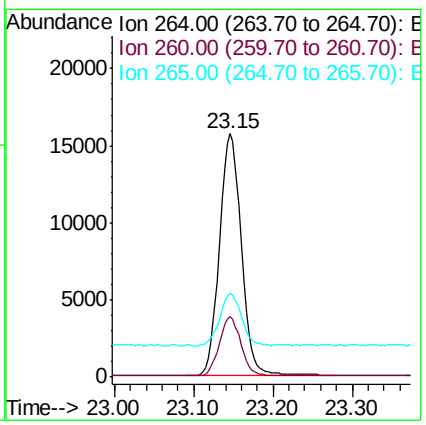


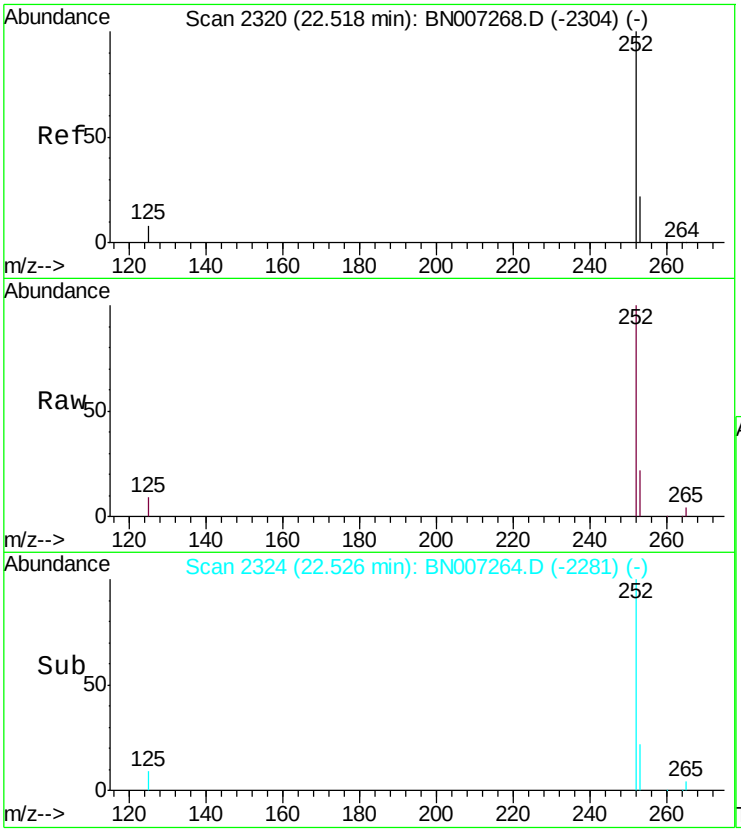


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:264 Resp: 30131

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	34.5	29.0	43.6



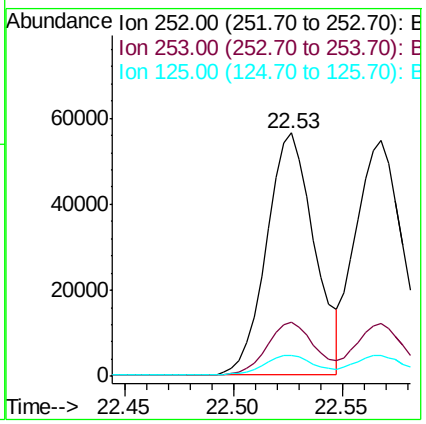


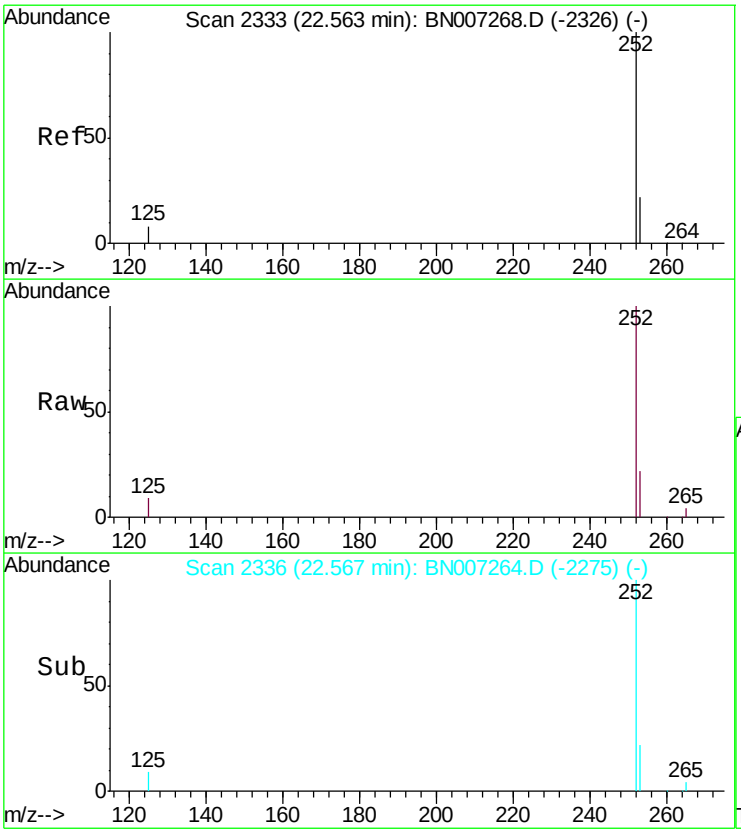
#35
Benzo(b)fluoranthene
Concen: 0.904 ng
RT: 22.53 min Scan# 2324
Delta R.T. 0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 85615

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	8.8	7.8	11.6

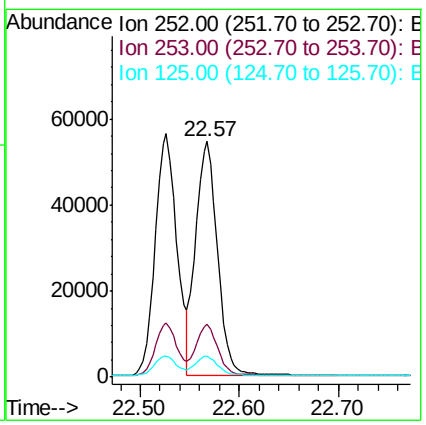


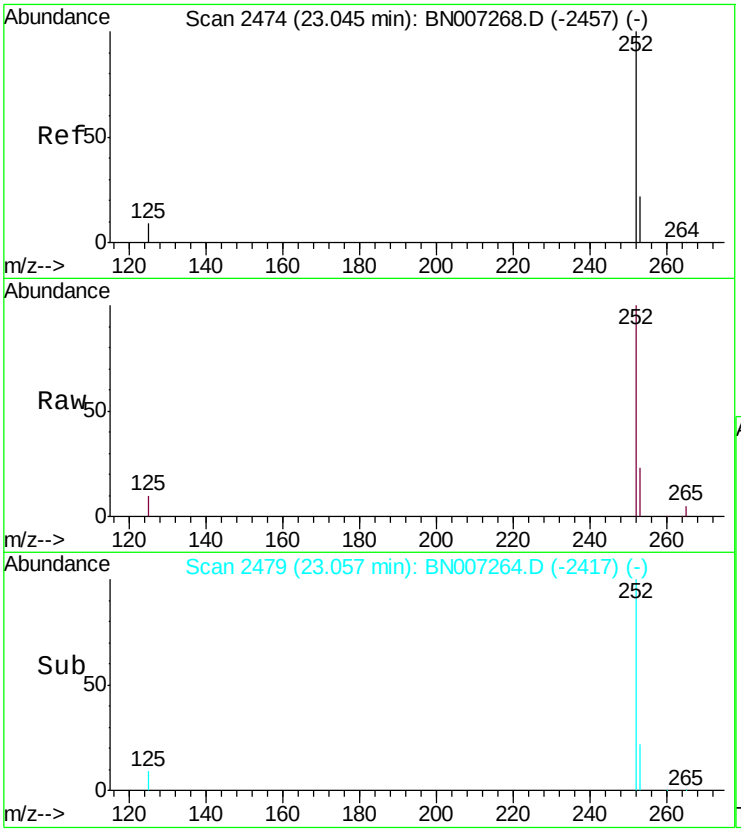


#36
Benzo(k)fluoranthene
Concen: 0.787 ng
RT: 22.57 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:252 Resp: 83636

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	9.1	8.0	12.0



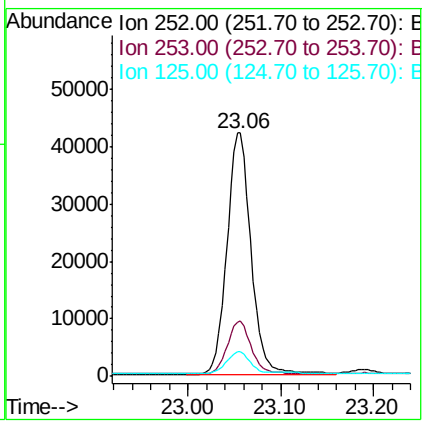


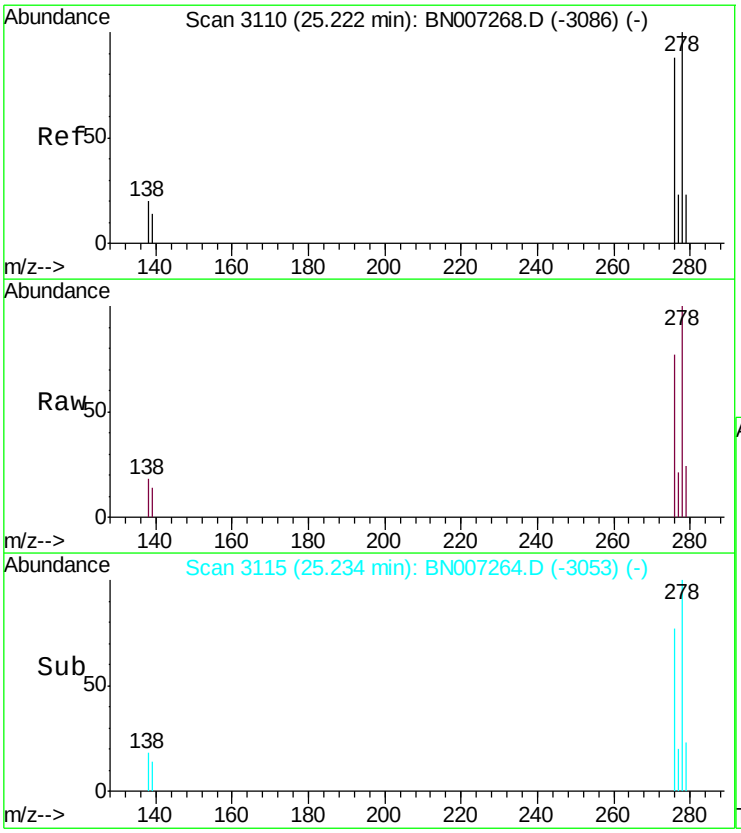
#37
Benzo(a)pyrene
Concen: 0.835 ng
RT: 23.06 min Scan# 2479
Delta R.T. 0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 76673

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	10.0	8.7	13.1

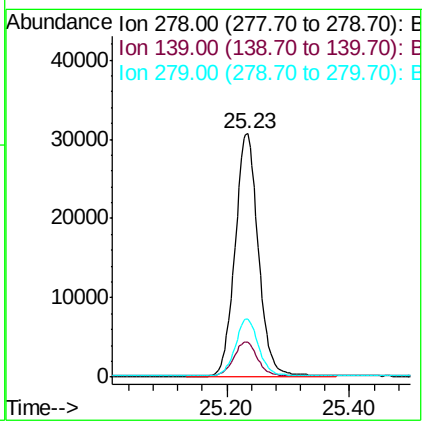


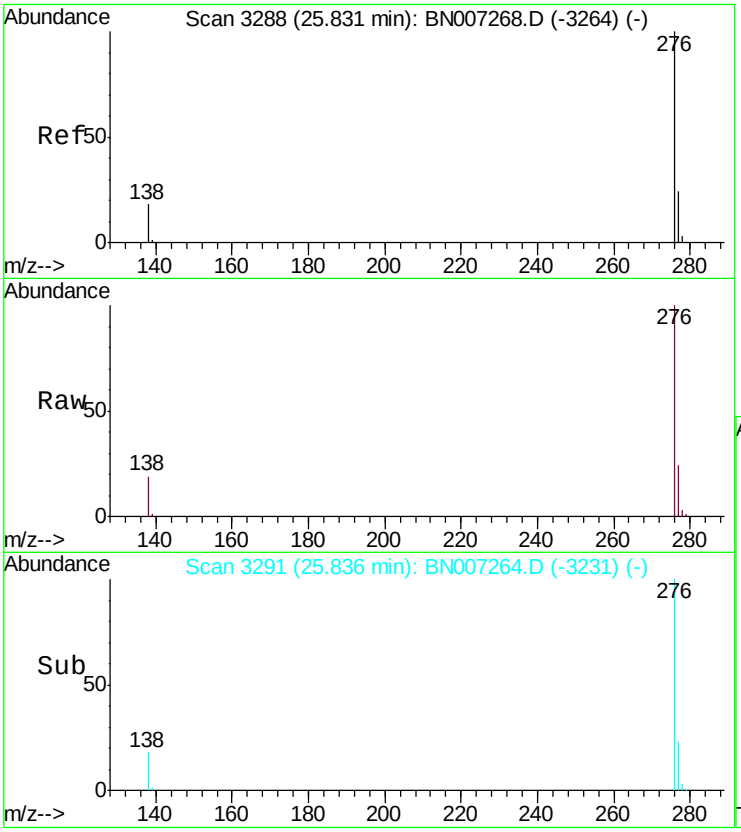


#38
Dibenzo(a,h)anthracene
Concen: 0.872 ng
RT: 25.23 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:278 Resp: 80694

Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.8	17.8
279	23.7	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.833 ng
RT: 25.84 min Scan# 3291
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 80835

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	18.7	15.3	22.9