Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
Data File : BN017728.D
Acq On : 06 Dec 2021 13:15
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 06 13:54:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 06 13:46:11 2021
Response via : Initial Calibration

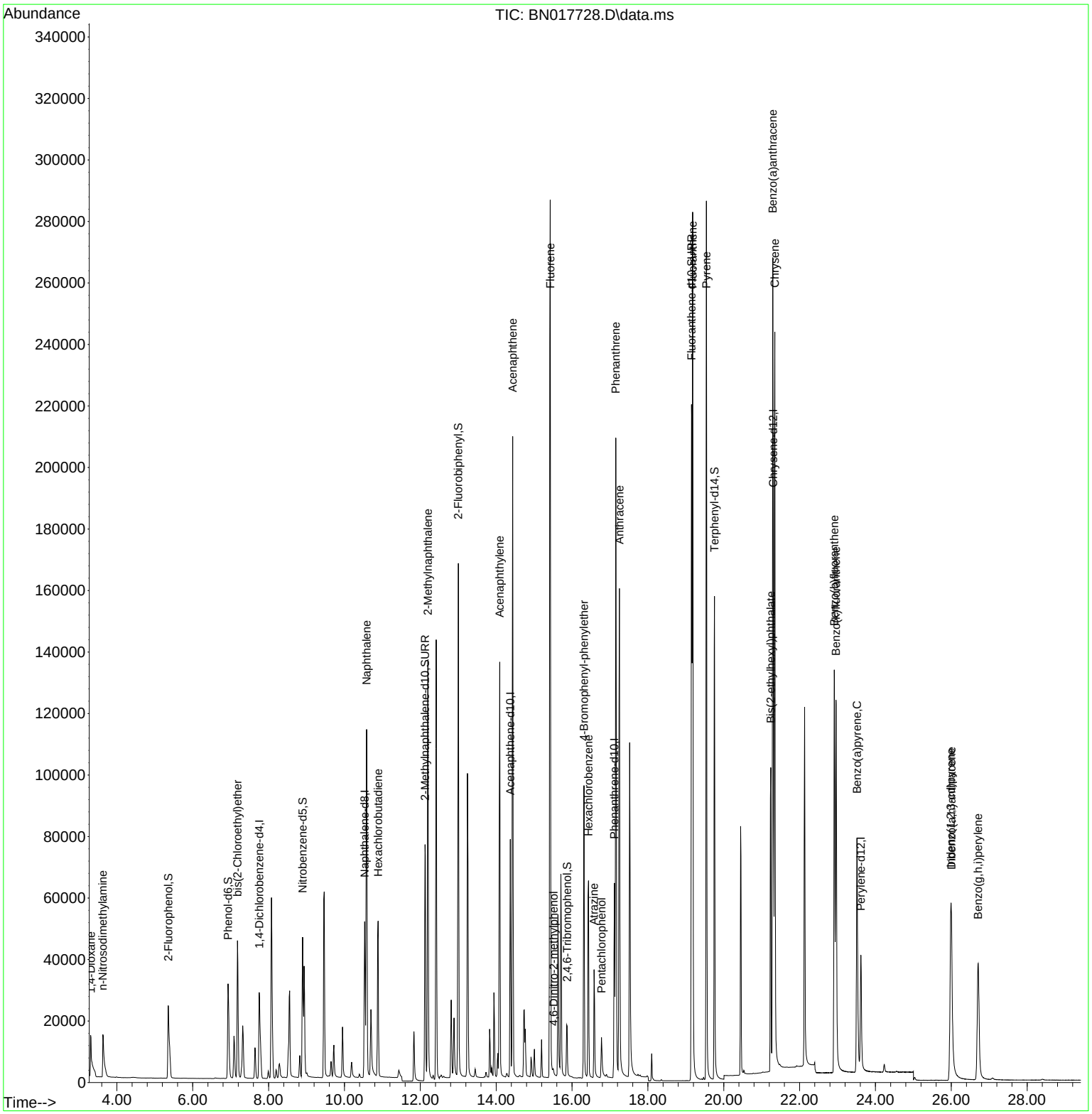
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.752	152	17059	0.400	ng		0.00
7) Naphthalene-d8	10.532	136	69455	0.400	ng	#	0.00
13) Acenaphthene-d10	14.373	164	44496	0.400	ng		0.00
19) Phenanthrene-d10	17.117	188	93538	0.400	ng		0.00
29) Chrysene-d12	21.304	240	83396	0.400	ng	#	0.00
35) Perylene-d12	23.617	264	56541	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.355	112	31976	0.796	ng		0.00
5) Phenol-d6	6.931	99	34699	0.846	ng		0.00
8) Nitrobenzene-d5	8.898	82	40192	1.196	ng		0.00
11) 2-Methylnaphthalene-d10	12.126	152	112576	0.916	ng		0.00
14) 2,4,6-Tribromophenol	15.870	330	18007	0.797	ng		0.00
15) 2-Fluorobiphenyl	13.003	172	147371	0.869	ng		0.00
27) Fluoranthene-d10	19.150	212	279535	0.916	ng		0.00
31) Terphenyl-d14	19.755	244	186380	1.007	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	10969	0.867	ng		94
3) n-Nitrosodimethylamine	3.630	42	14474	0.847	ng		95
6) bis(2-Chloroethyl)ether	7.180	93	38304	0.877	ng		95
9) Naphthalene	10.583	128	149996	0.847	ng		100
10) Hexachlorobutadiene	10.887	225	48017	0.942	ng	#	100
12) 2-Methylnaphthalene	12.201	142	105862	0.915	ng		97
16) Acenaphthylene	14.094	152	152948	0.893	ng		99
17) Acenaphthene	14.437	154	102103	0.875	ng		99
18) Fluorene	15.426	166	132233	0.913	ng		100
20) 4,6-Dinitro-2-methylph...	15.515	198	1628	0.386	ng	#	93
21) 4-Bromophenyl-phenylether	16.314	248	50680	0.900	ng	#	71
22) Hexachlorobenzene	16.436	284	60802	0.876	ng	#	92
23) Atrazine	16.582	200	33377	1.036	ng	#	95
24) Pentachlorophenol	16.776	266	9515	0.468	ng		99
25) Phenanthrene	17.154	178	222108	0.893	ng		100
26) Anthracene	17.251	178	192997	0.901	ng		100
28) Fluoranthene	19.179	202	270211	0.914	ng	#	97
30) Pyrene	19.542	202	273027	1.028	ng		100
32) Benzo(a)anthracene	21.293	228	216171	0.887	ng		100
33) Chrysene	21.347	228	234096	0.858	ng		100
34) Bis(2-ethylhexyl)phtha...	21.240	149	105470	1.331	ng		96
36) Indeno(1,2,3-cd)pyrene	25.985	276	99497	0.724	ng	#	93
37) Benzo(b)fluoranthene	22.915	252	177067	0.952	ng	#	98
38) Benzo(k)fluoranthene	22.960	252	167067	0.916	ng	#	97
39) Benzo(a)pyrene	23.514	252	138254	0.849	ng	#	97
40) Dibenzo(a,h)anthracene	26.003	278	68193	0.665	ng		97
41) Benzo(g,h,i)perylene	26.708	276	100644	0.791	ng	#	94

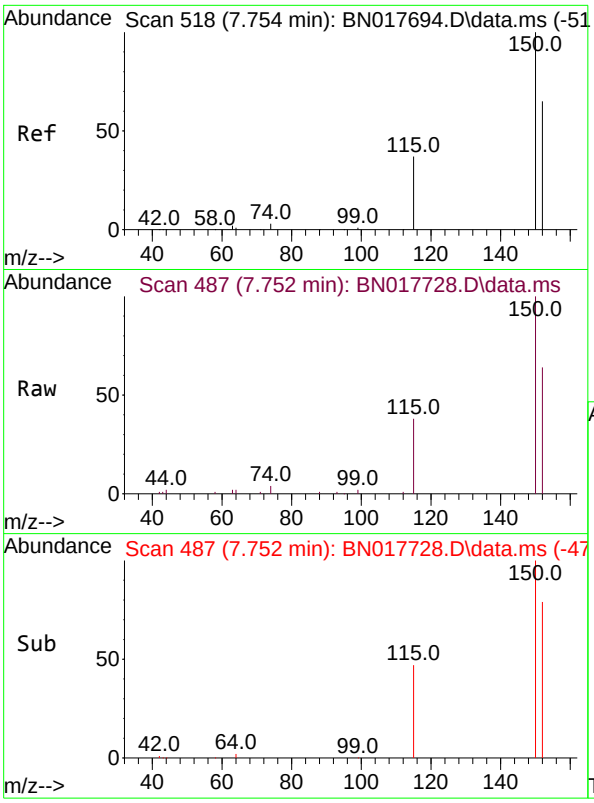
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
Data File : BN017728.D
Acq On : 06 Dec 2021 13:15
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 06 13:54:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 06 13:46:11 2021
Response via : Initial Calibration



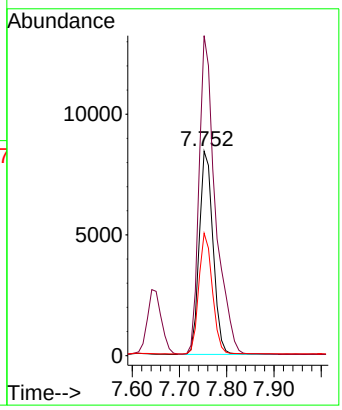


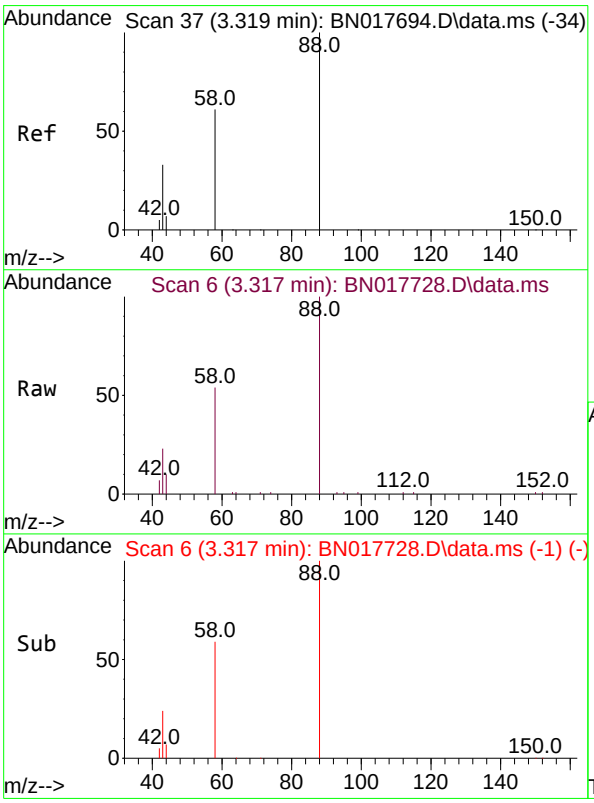
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.752 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 17059

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.0	184.4
115	59.9	45.6	68.4

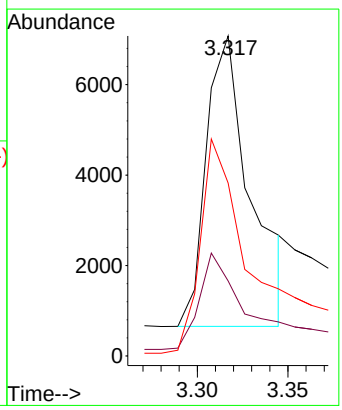


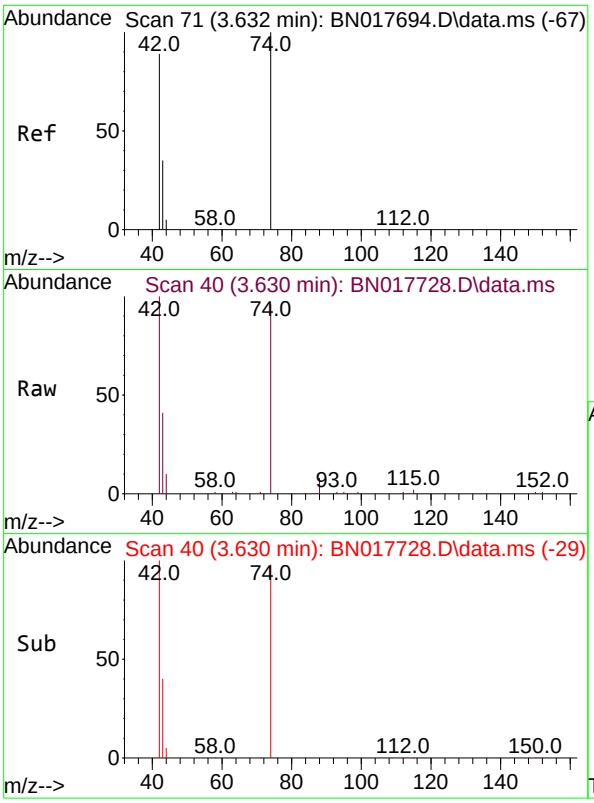


#2
1,4-Dioxane
Concen: 0.867 ng
RT: 3.317 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion: 88 Resp: 10969

Ion	Ratio	Lower	Upper
88	100		
43	31.6	24.7	37.1
58	72.0	63.0	94.6



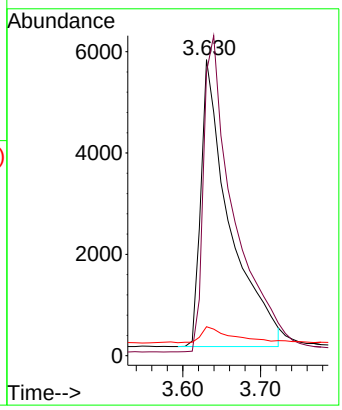


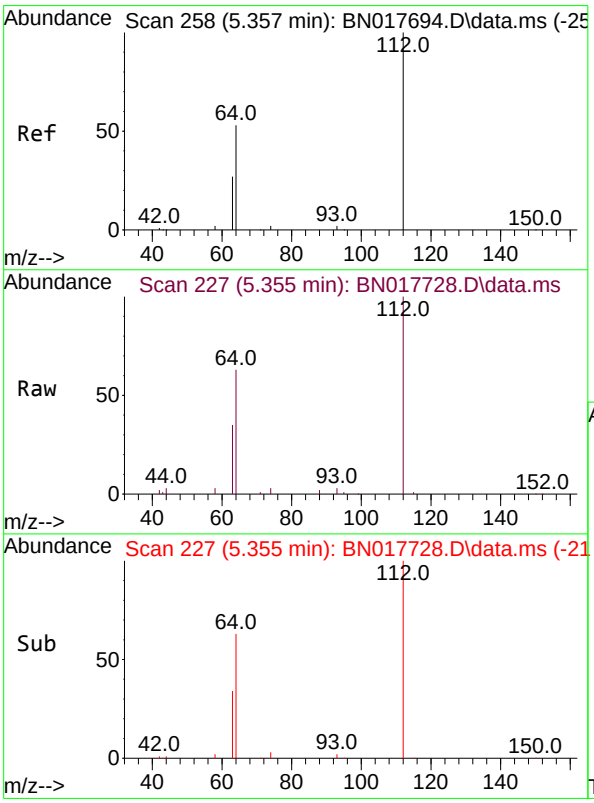
#3
n-Nitrosodimethylamine
Concen: 0.847 ng
RT: 3.630 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 14474

Ion	Ratio	Lower	Upper
42	100		
74	116.1	97.8	146.6
44	5.8	5.5	8.3

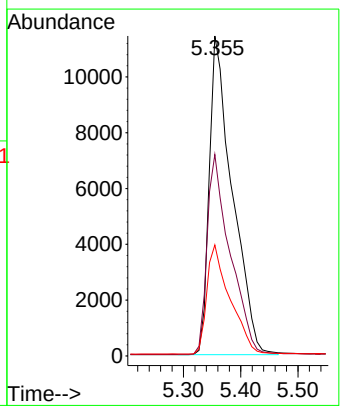


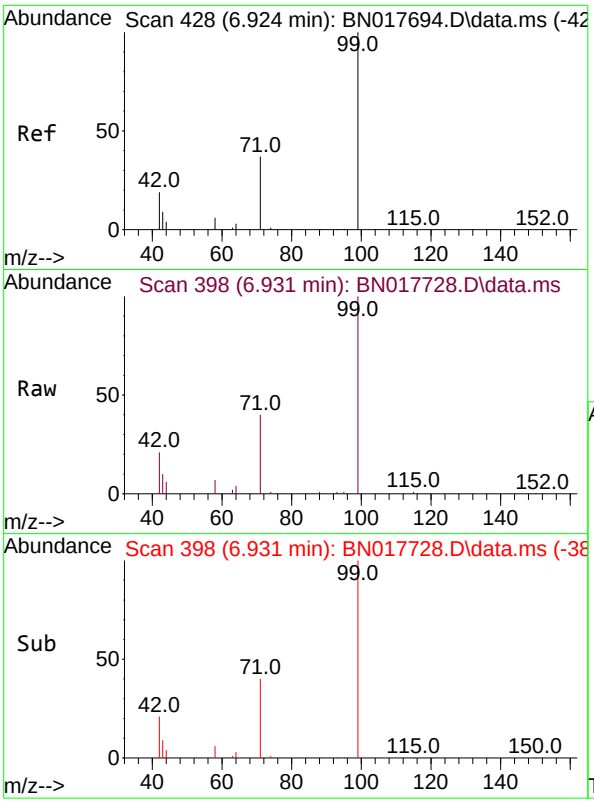


#4
2-Fluorophenol
Concen: 0.796 ng
RT: 5.355 min Scan# 227
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:112 Resp: 31976

Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.6	71.4
63	34.4	24.6	37.0



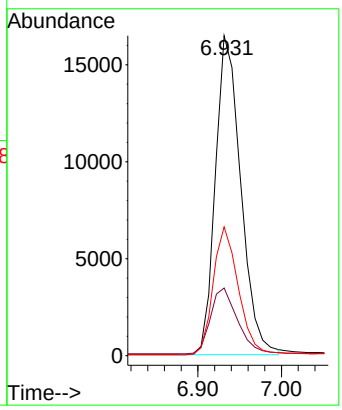


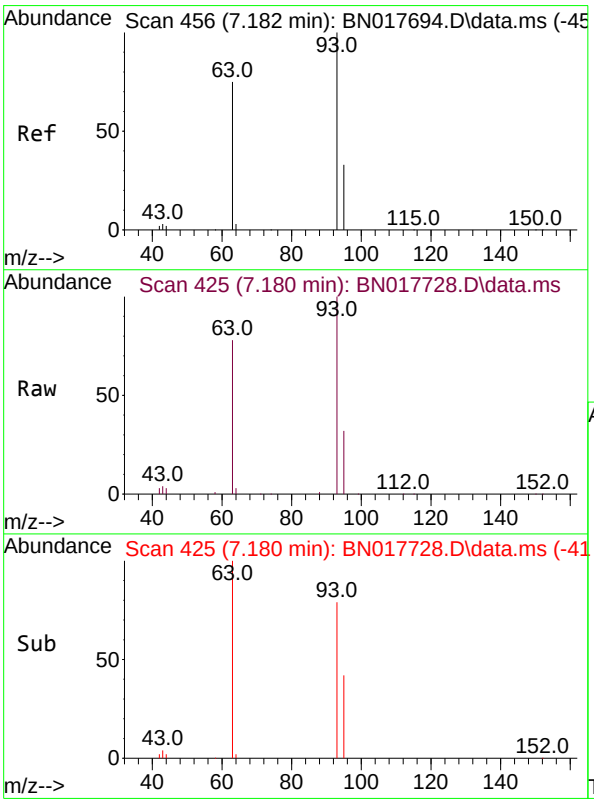
#5
Phenol-d6
Concen: 0.846 ng
RT: 6.931 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 34699

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.0	25.6
71	39.5	24.8	37.2#

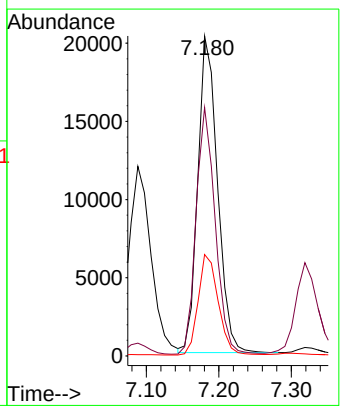


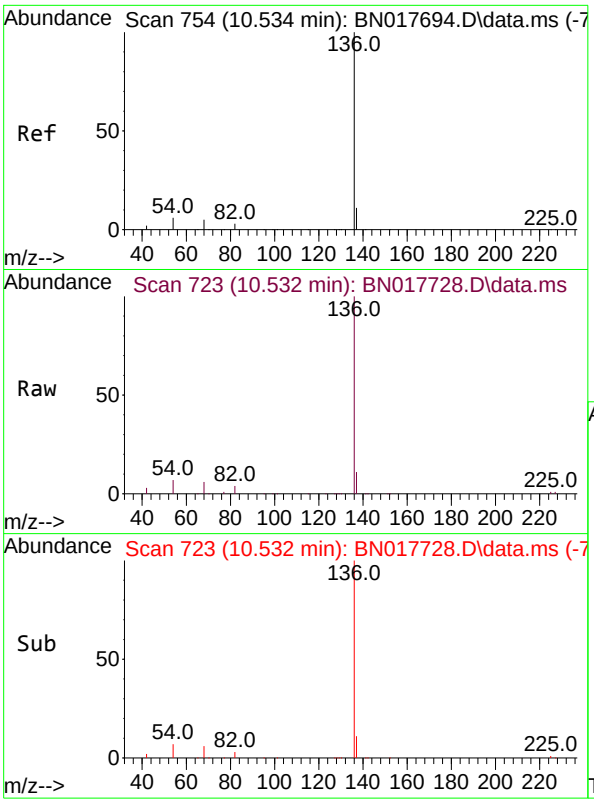


#6
bis(2-Chloroethyl)ether
Concen: 0.877 ng
RT: 7.180 min Scan# 425
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion: 93 Resp: 38304

Ion	Ratio	Lower	Upper
93	100		
63	76.0	65.8	98.6
95	32.3	26.6	39.8



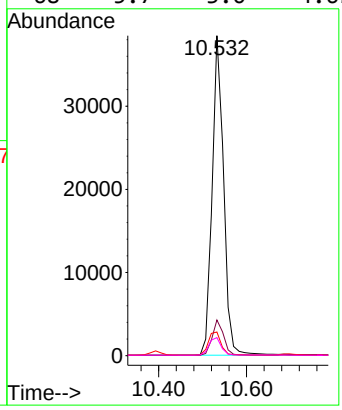


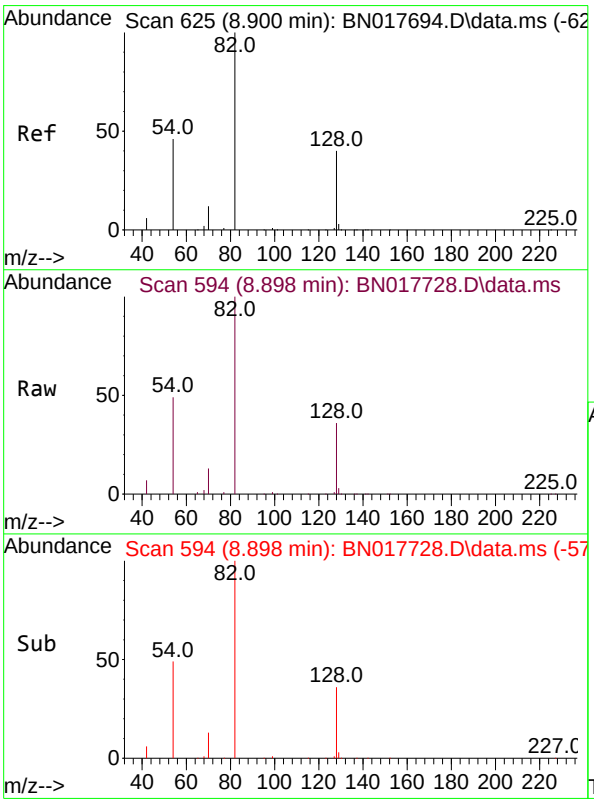
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 69455

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	4.0	6.0#
68	5.7	3.0	4.6#

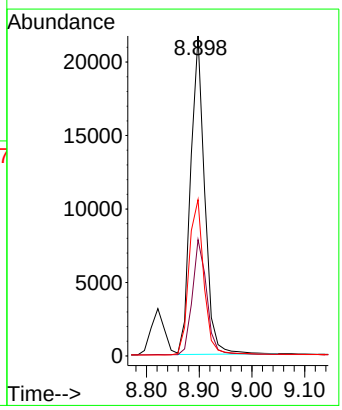


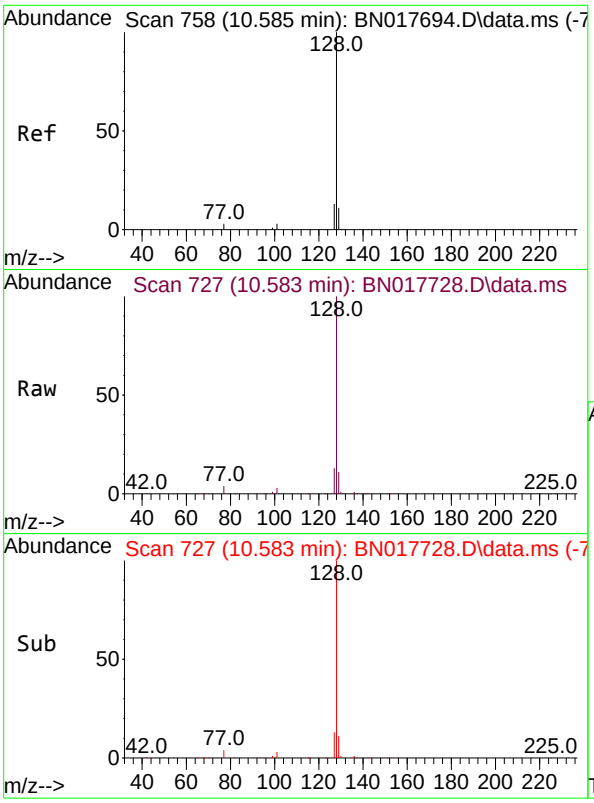


#8
Nitrobenzene-d5
Concen: 1.196 ng
RT: 8.898 min Scan# 594
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion: 82 Resp: 40192

Ion	Ratio	Lower	Upper
82	100		
128	36.4	27.7	41.5
54	48.8	49.2	73.8#



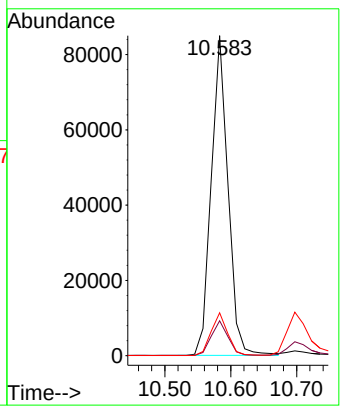


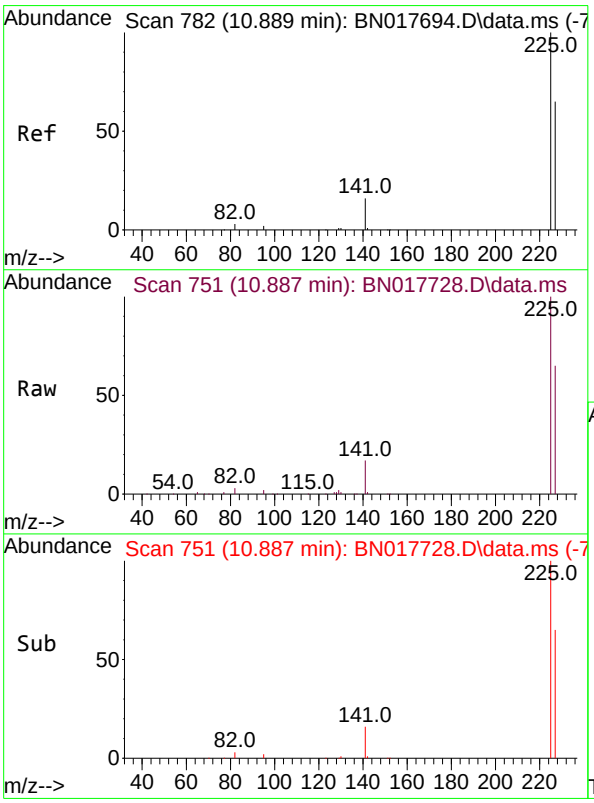
#9
Naphthalene
Concen: 0.847 ng
RT: 10.583 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 149996

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.4	10.6	15.8

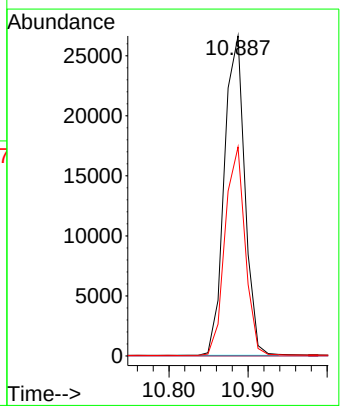


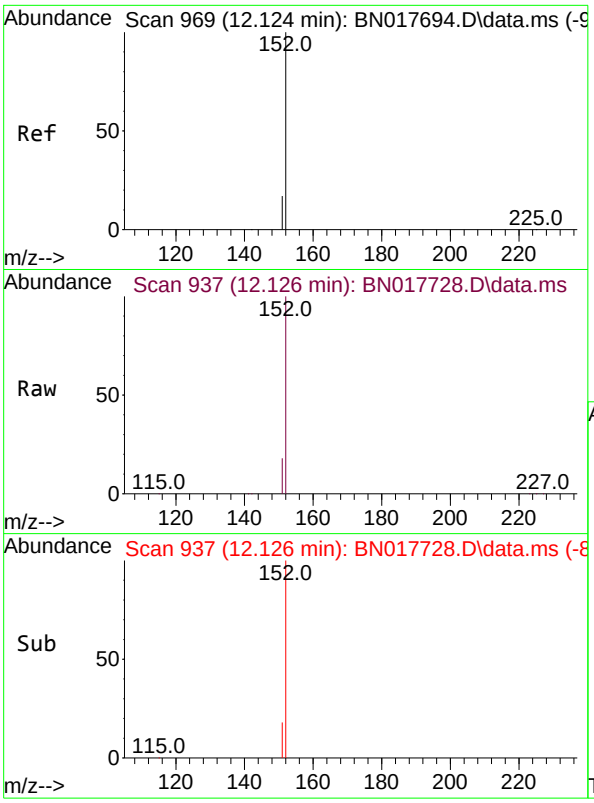


#10
Hexachlorobutadiene
Concen: 0.942 ng
RT: 10.887 min Scan# 751
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:225 Resp: 48017

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.1	76.7



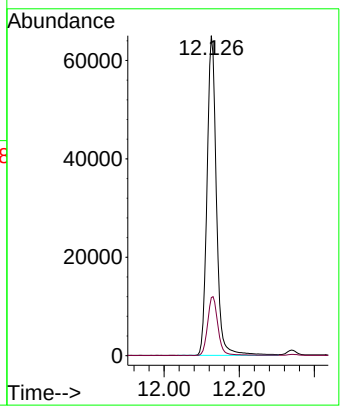


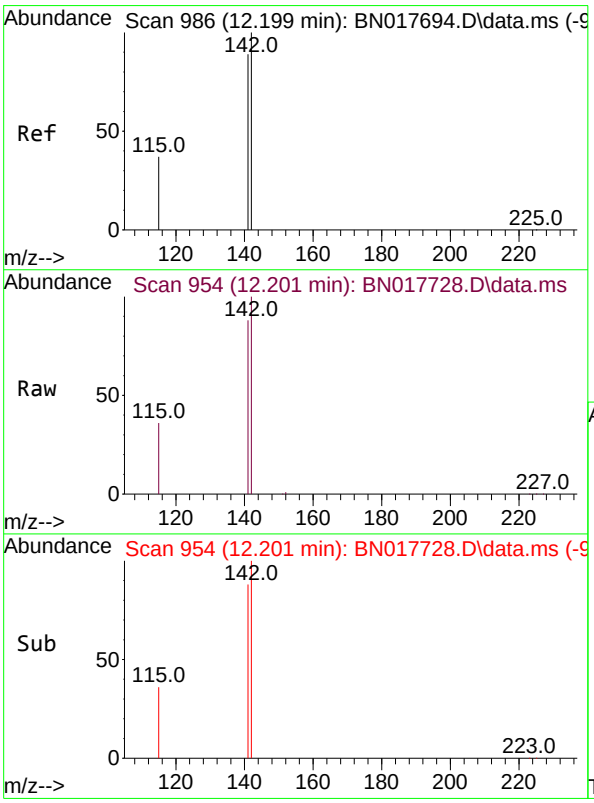
#11
2-Methylnaphthalene-d10
Concen: 0.916 ng
RT: 12.126 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 112576

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

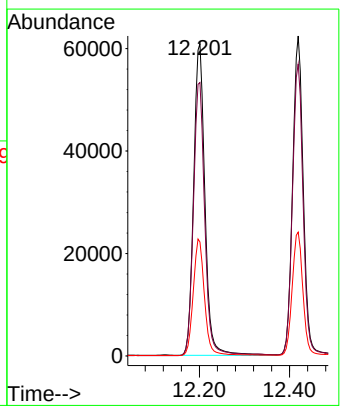


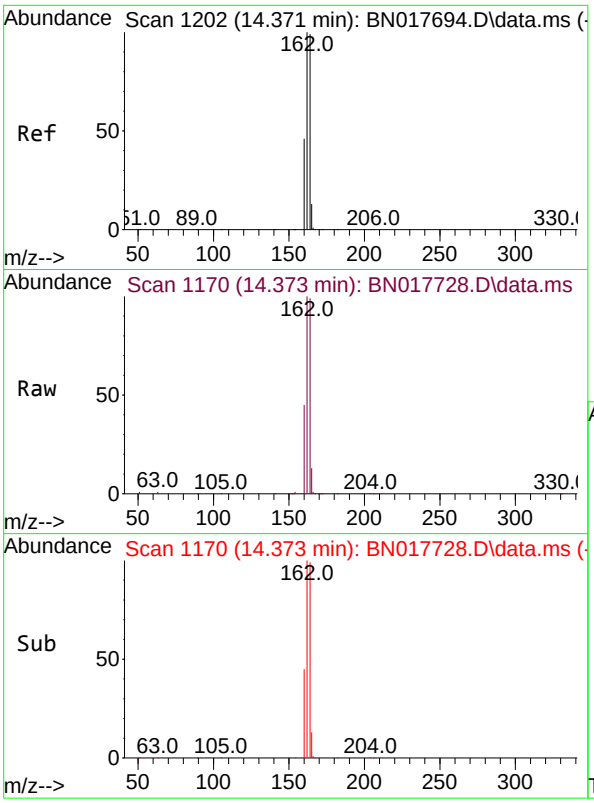


#12
2-Methylnaphthalene
Concen: 0.915 ng
RT: 12.201 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:142 Resp: 105862

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.6	106.0
115	36.5	25.8	38.6



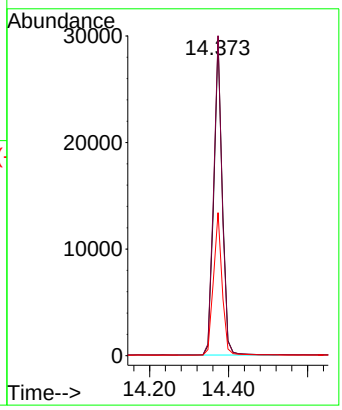


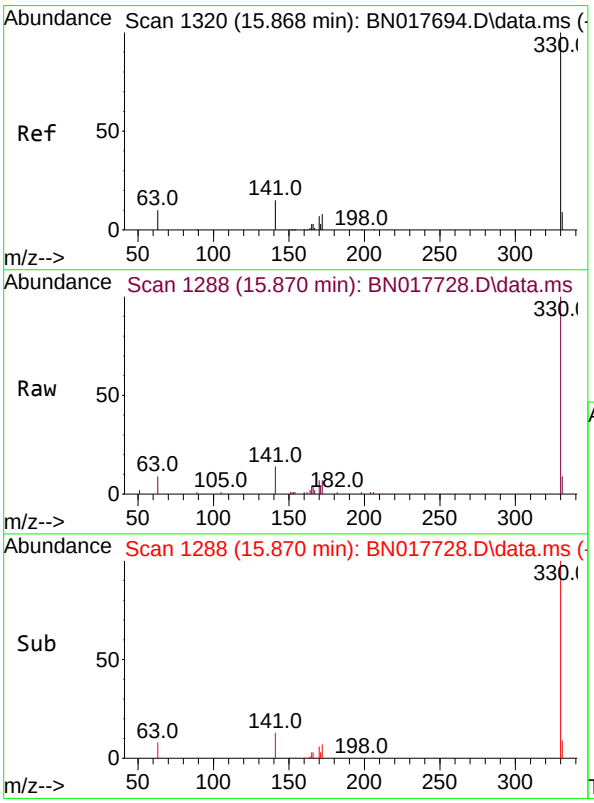
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 44496

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.2
160	45.3	36.8	55.2

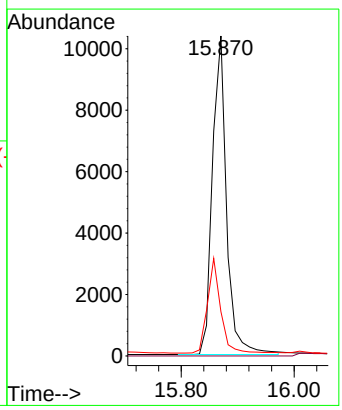


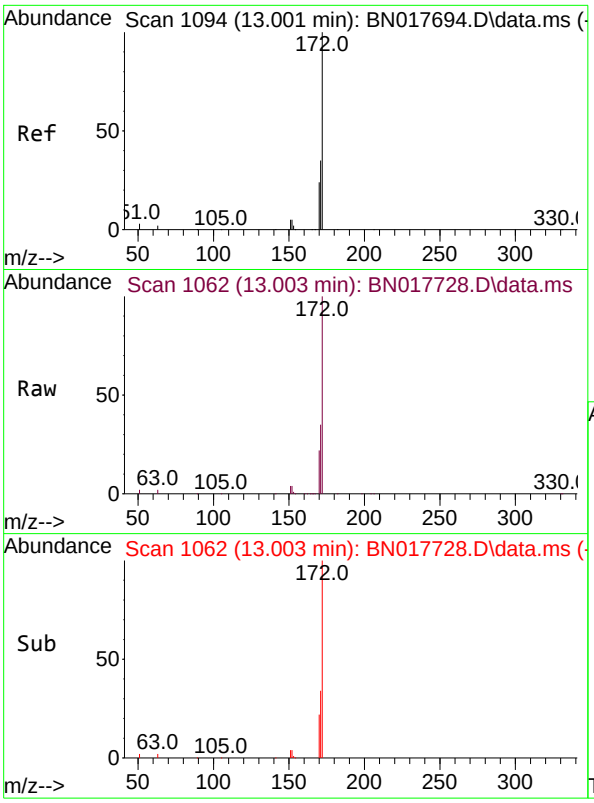


#14
2,4,6-Tribromophenol
Concen: 0.797 ng
RT: 15.870 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:330 Resp: 18007

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.7	28.9	43.3#



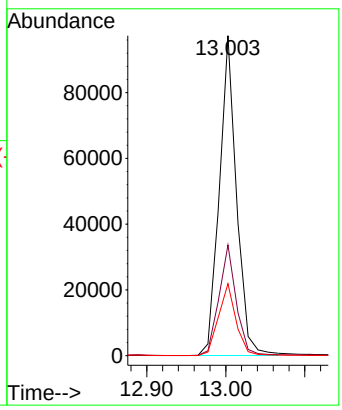


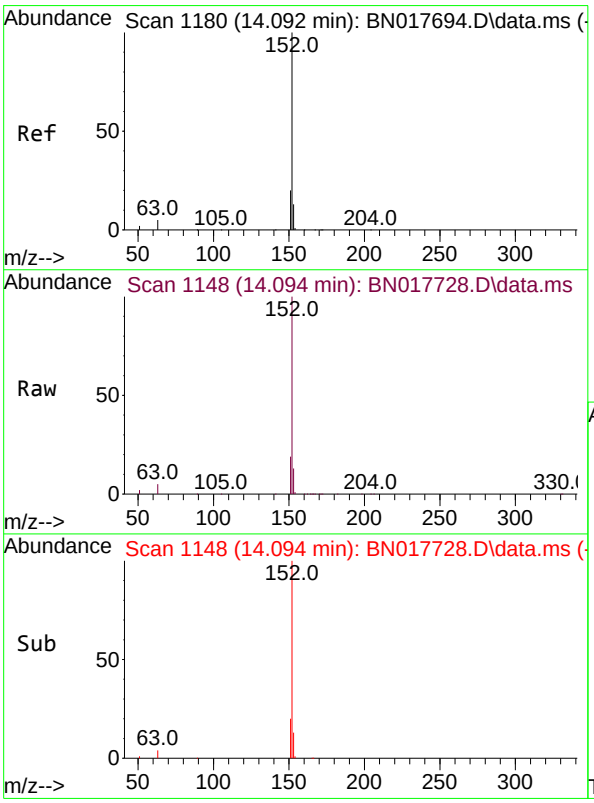
#15
2-Fluorobiphenyl
Concen: 0.869 ng
RT: 13.003 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 147371

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.7	43.1
170	22.5	19.4	29.2

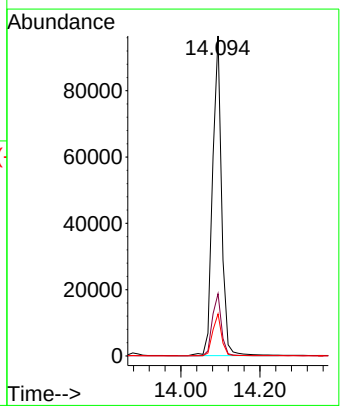


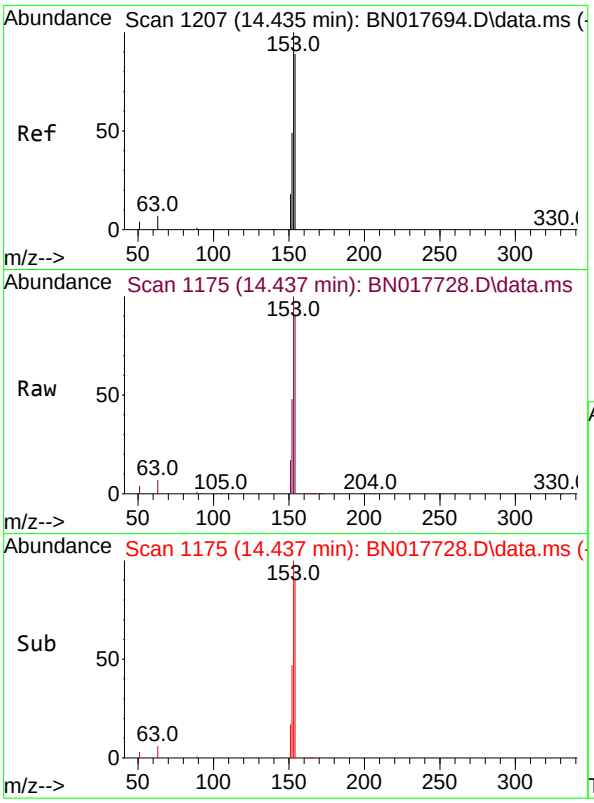


#16
Acenaphthylene
Concen: 0.893 ng
RT: 14.094 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:152 Resp: 152948

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.1	10.4	15.6



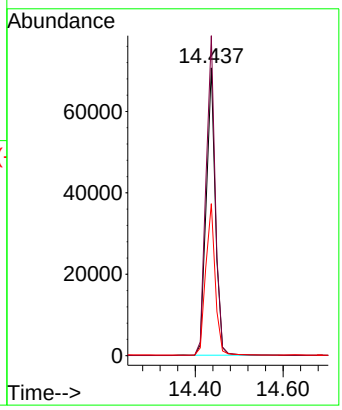


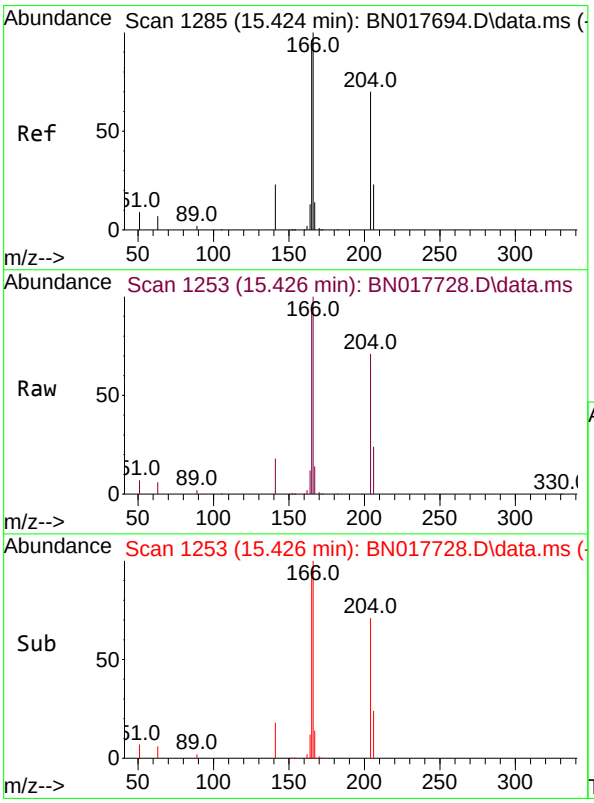
#17
Acenaphthene
Concen: 0.875 ng
RT: 14.437 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 102103

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.2	136.8
152	54.6	44.3	66.5

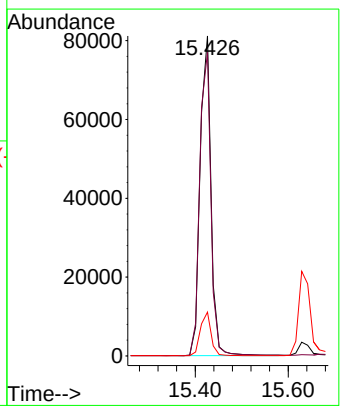


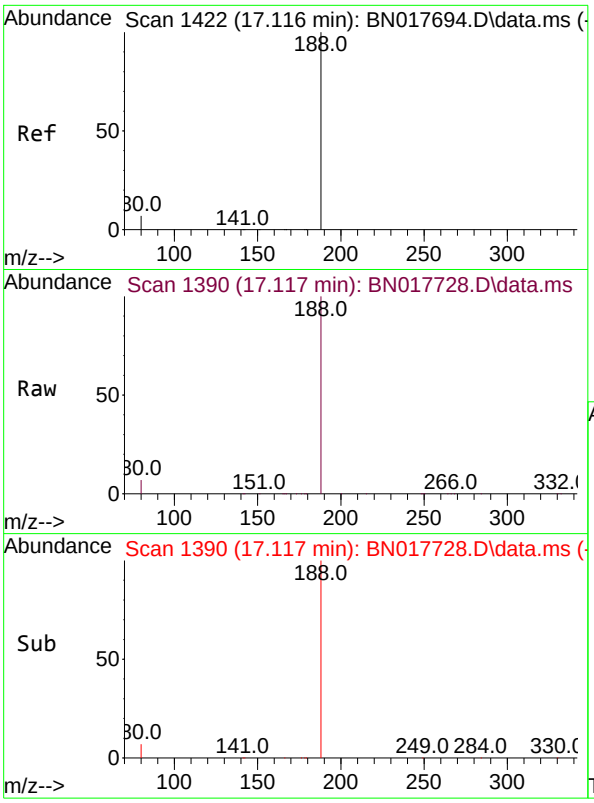


#18
Fluorene
Concen: 0.913 ng
RT: 15.426 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:166 Resp: 132233

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.9	116.9
167	13.4	10.9	16.3



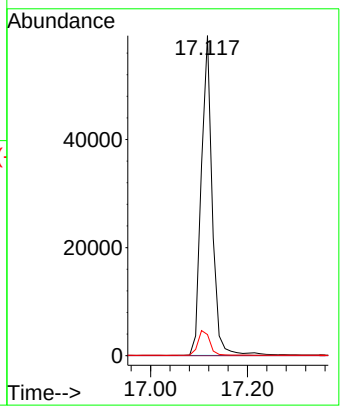


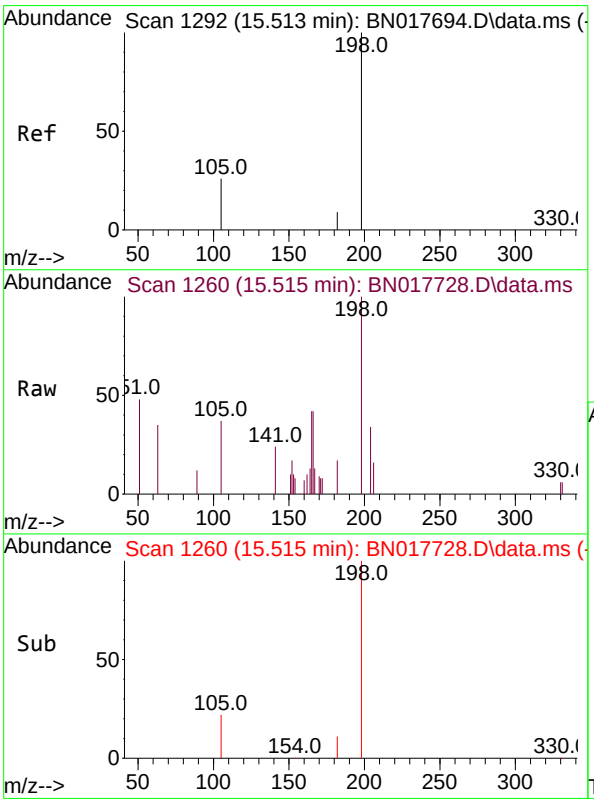
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 93538

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	6.1	9.1

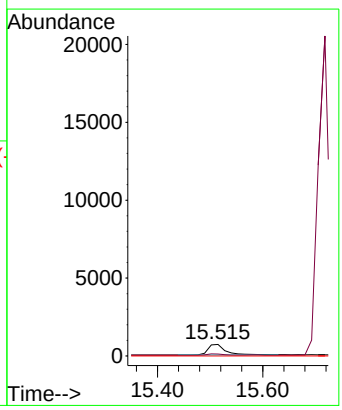


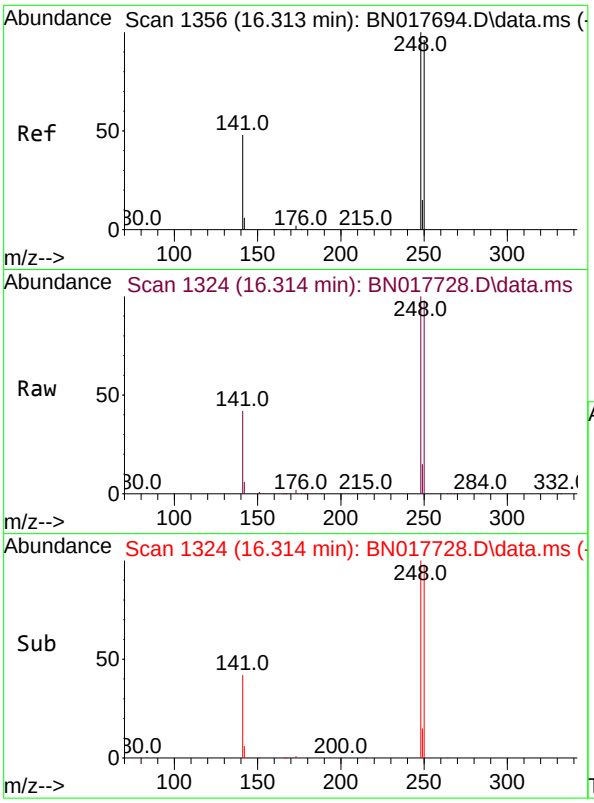


#20
4,6-Dinitro-2-methylphenol
Concen: 0.386 ng
RT: 15.515 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:198 Resp: 1628

Ion	Ratio	Lower	Upper
198	100		
182	17.3	11.4	17.2#
77	0.0	0.0	0.0



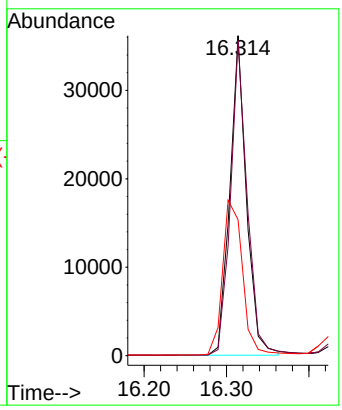


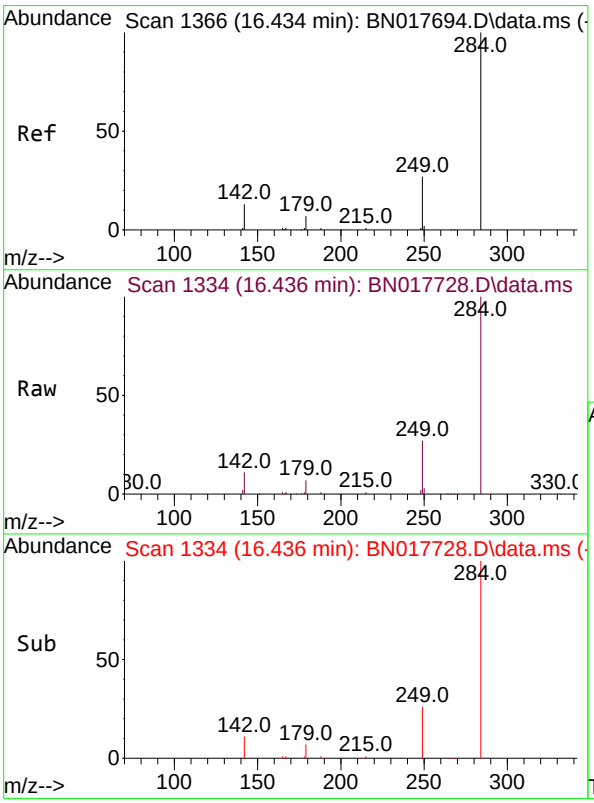
#21
4-Bromophenyl-phenylether
Concen: 0.900 ng
RT: 16.314 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 50680

Ion	Ratio	Lower	Upper
248	100		
250	98.4	71.8	107.8
141	42.5	70.9	106.3#

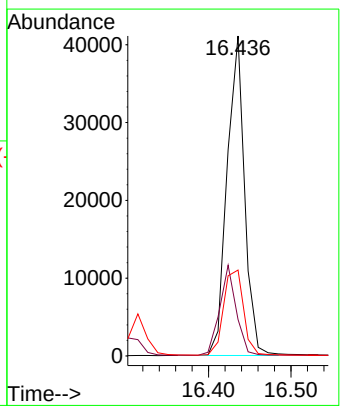


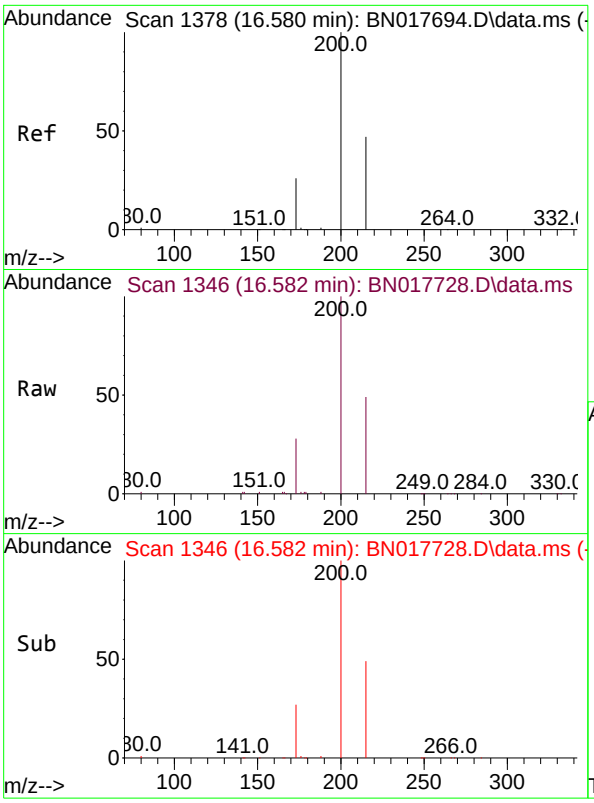


#22
Hexachlorobenzene
Concen: 0.876 ng
RT: 16.436 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:284 Resp: 60802

Ion	Ratio	Lower	Upper
284	100		
142	26.5	28.2	42.2#
249	30.3	24.4	36.6



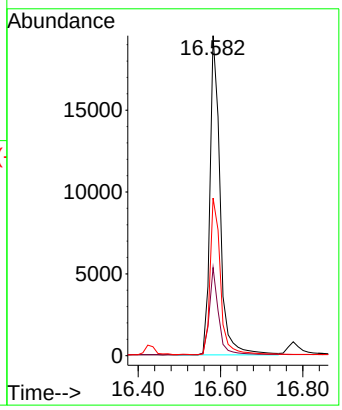


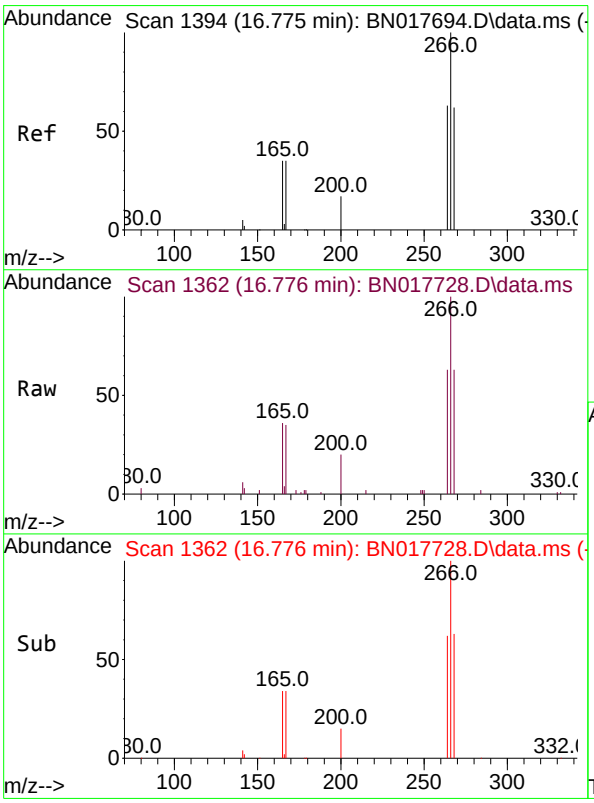
#23
Atrazine
Concen: 1.036 ng
RT: 16.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 33377

Ion	Ratio	Lower	Upper
200	100		
173	27.5	17.6	26.4#
215	49.2	40.2	60.4

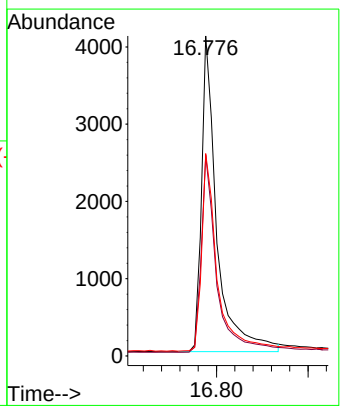


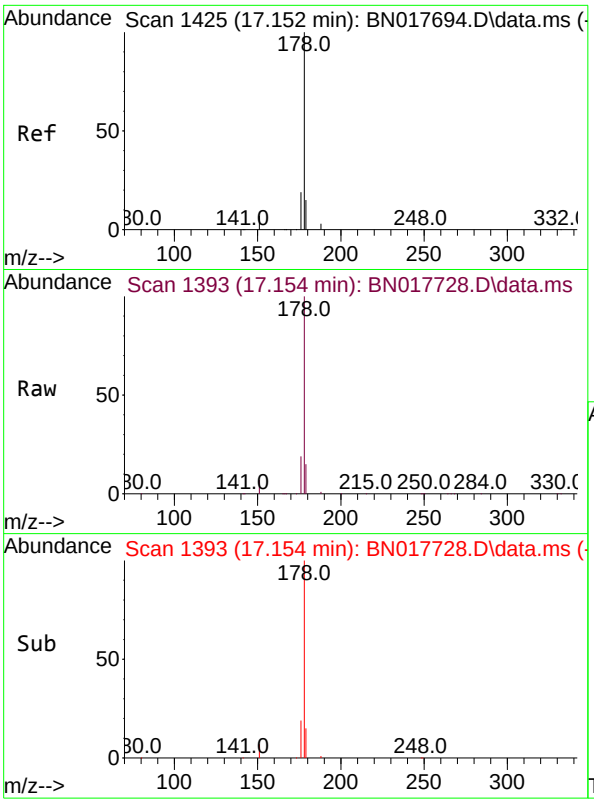


#24
Pentachlorophenol
Concen: 0.468 ng
RT: 16.776 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:266 Resp: 9515

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.8	74.8
268	63.7	51.3	76.9



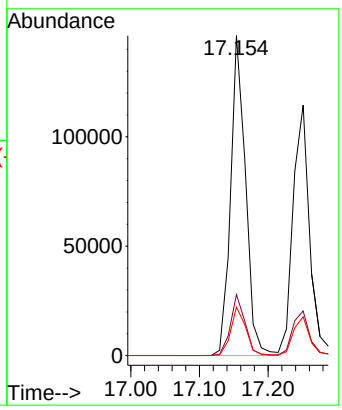


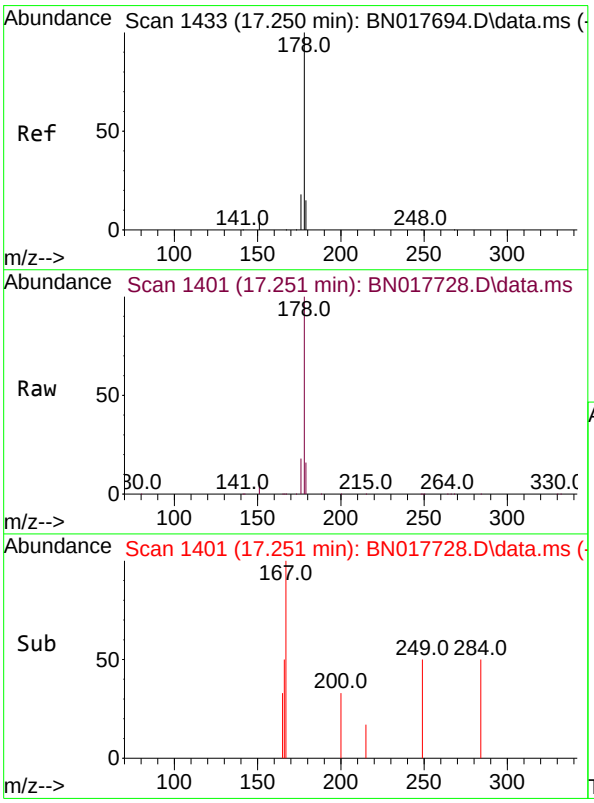
#25
Phenanthrene
Concen: 0.893 ng
RT: 17.154 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 222108

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.4	12.3	18.5

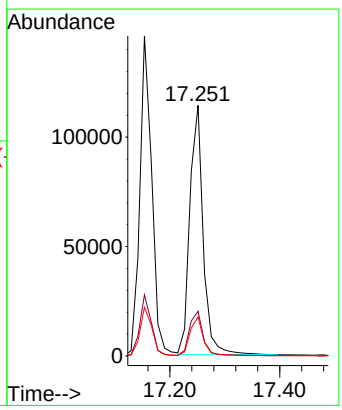


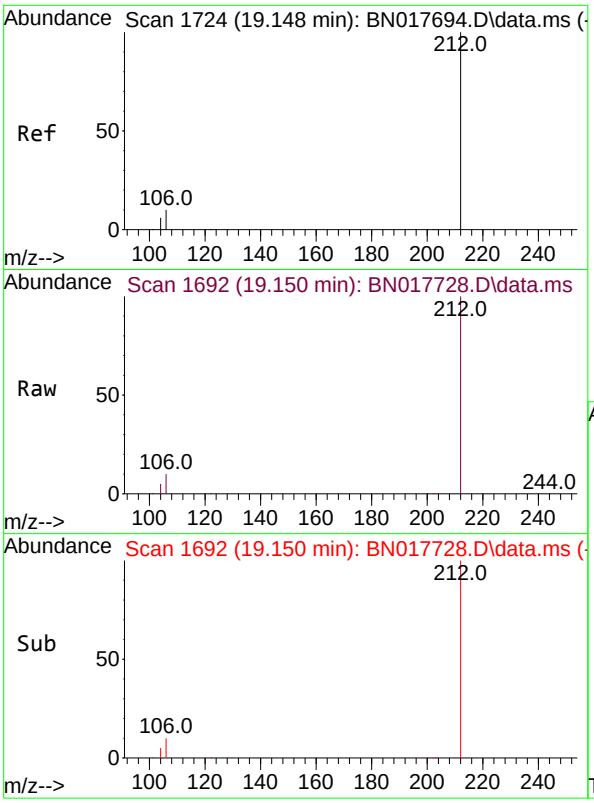


#26
Anthracene
Concen: 0.901 ng
RT: 17.251 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:178 Resp: 192997

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.4	12.2	18.4



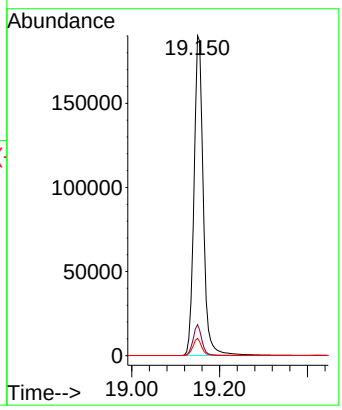


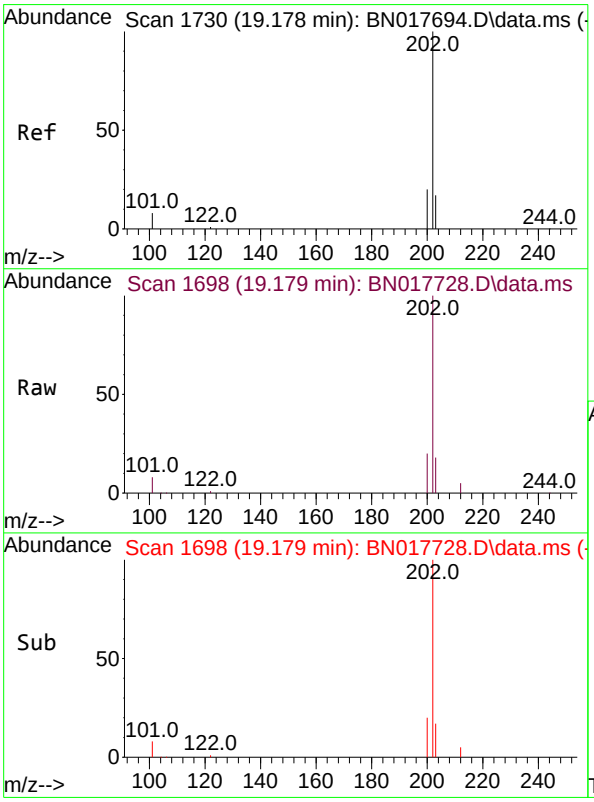
#27
Fluoranthene-d10
Concen: 0.916 ng
RT: 19.150 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 279535

Ion	Ratio	Lower	Upper
212	100		
106	9.3	10.5	15.7#
104	5.2	5.8	8.6#

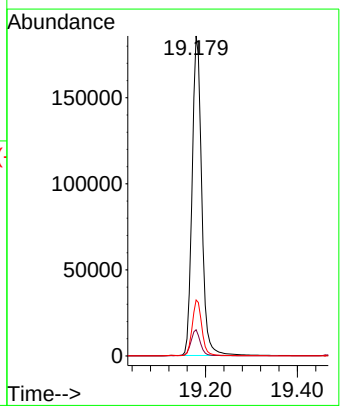


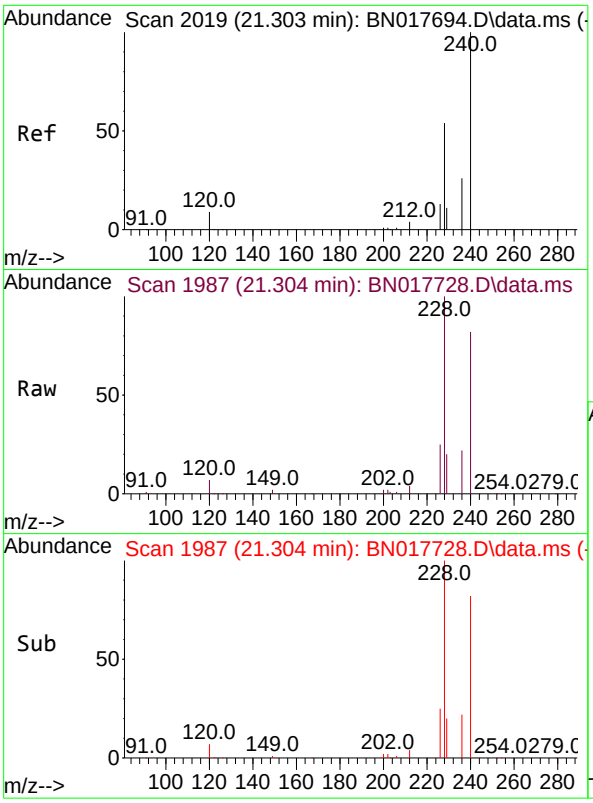


#28
Fluoranthene
Concen: 0.914 ng
RT: 19.179 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:202 Resp: 270211

Ion	Ratio	Lower	Upper
202	100		
101	8.2	8.9	13.3#
203	17.4	13.8	20.6



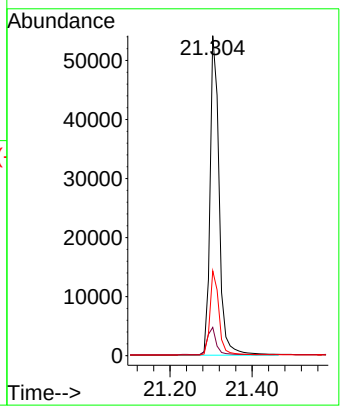


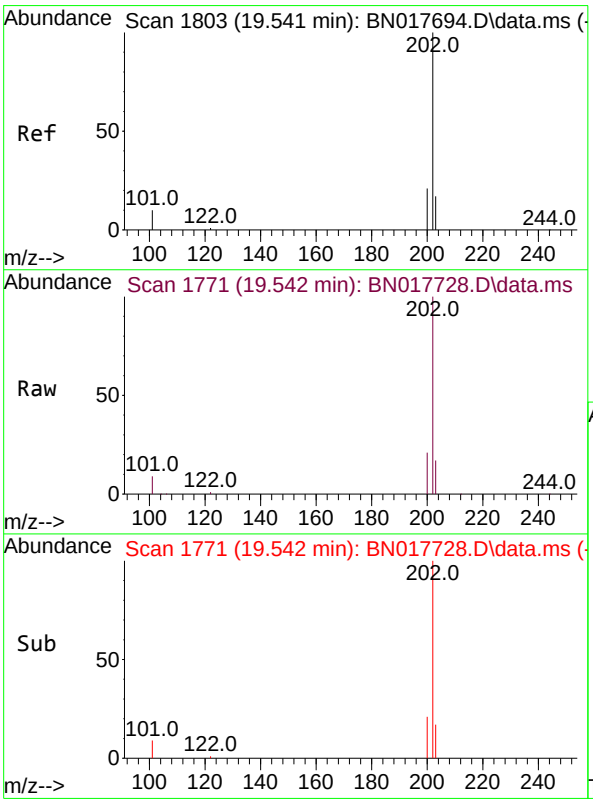
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 83396

Ion	Ratio	Lower	Upper
240	100		
120	8.9	4.2	6.2#
236	26.5	20.0	30.0

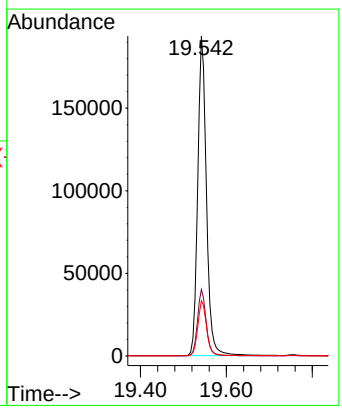


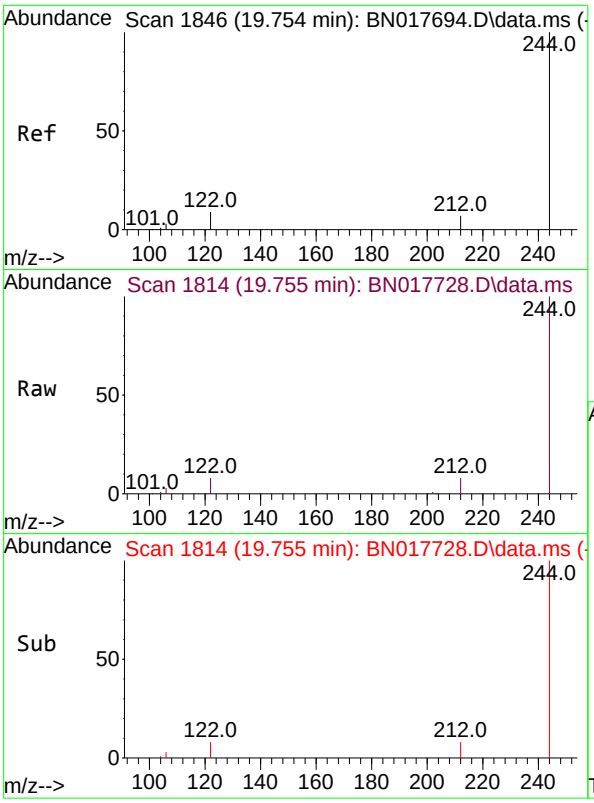


#30
Pyrene
Concen: 1.028 ng
RT: 19.542 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:202 Resp: 273027

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.4	14.0	21.0



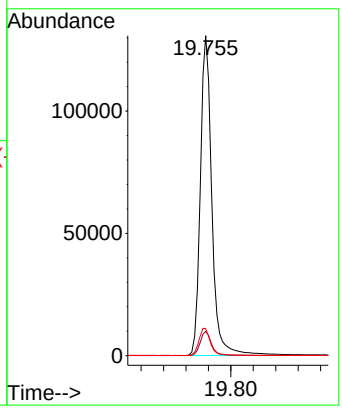


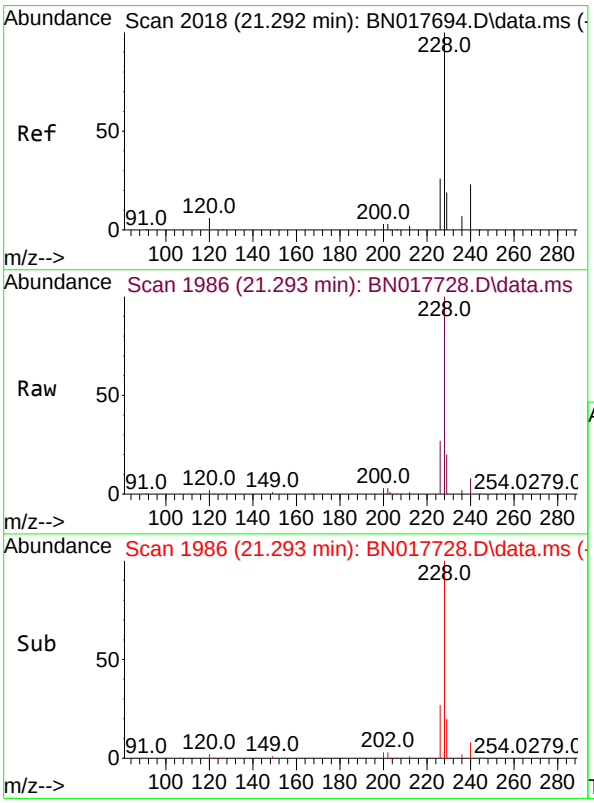
#31
Terphenyl-d14
Concen: 1.007 ng
RT: 19.755 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 186380

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	8.5	8.6	13.0#

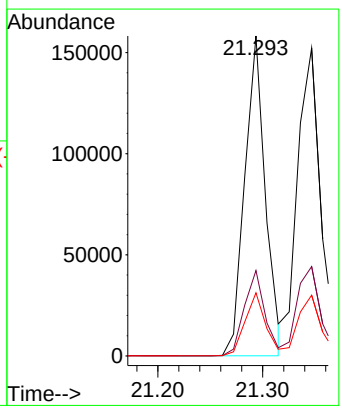


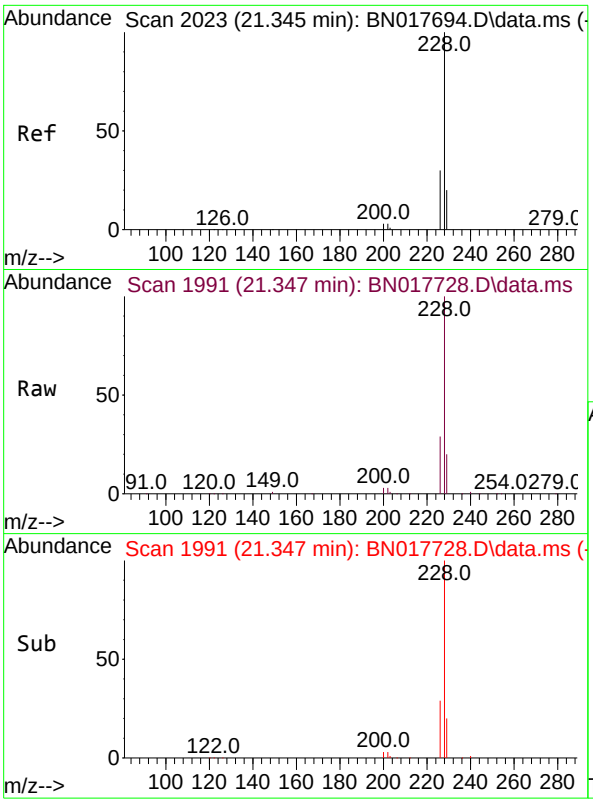


#32
Benzo(a)anthracene
Concen: 0.887 ng
RT: 21.293 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:228 Resp: 216171

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.3	31.9
229	19.8	15.7	23.5



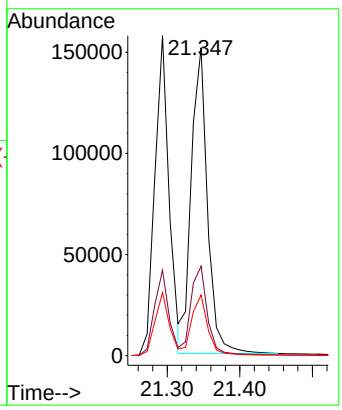


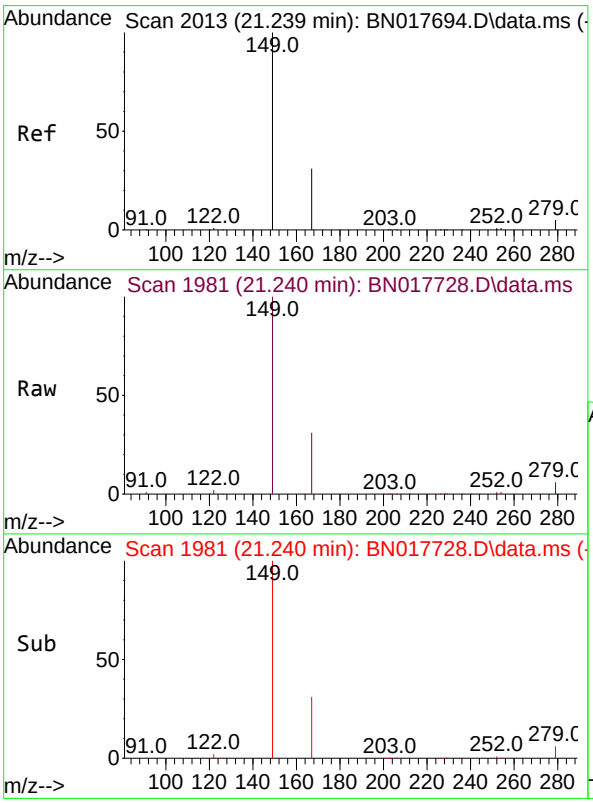
#33
Chrysene
Concen: 0.858 ng
RT: 21.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 234096

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	19.7	15.6	23.4

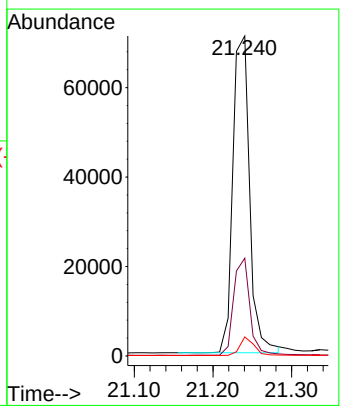


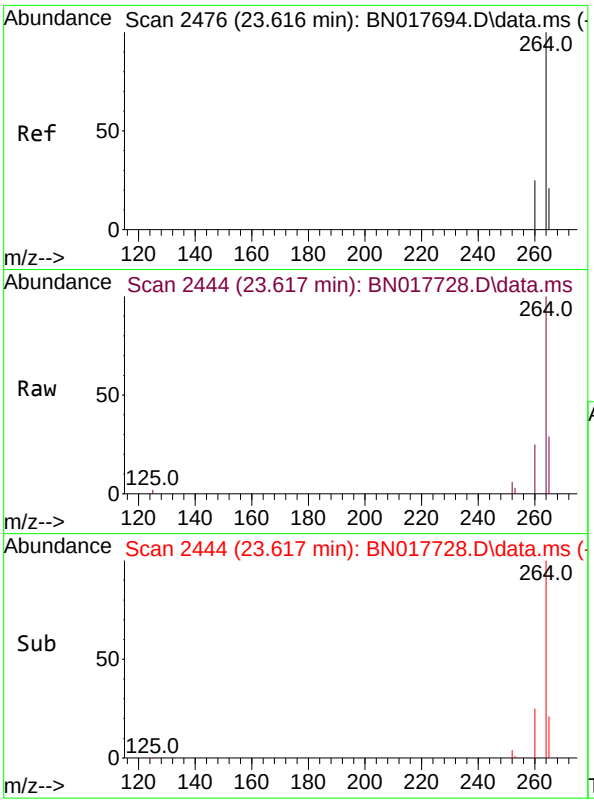


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.331 ng
RT: 21.240 min Scan# 1981
Delta R.T. 0.011 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:149 Resp: 105470

Ion	Ratio	Lower	Upper
149	100		
167	29.5	21.8	32.6
279	5.0	3.4	5.0



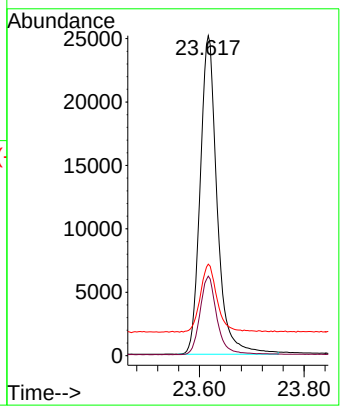


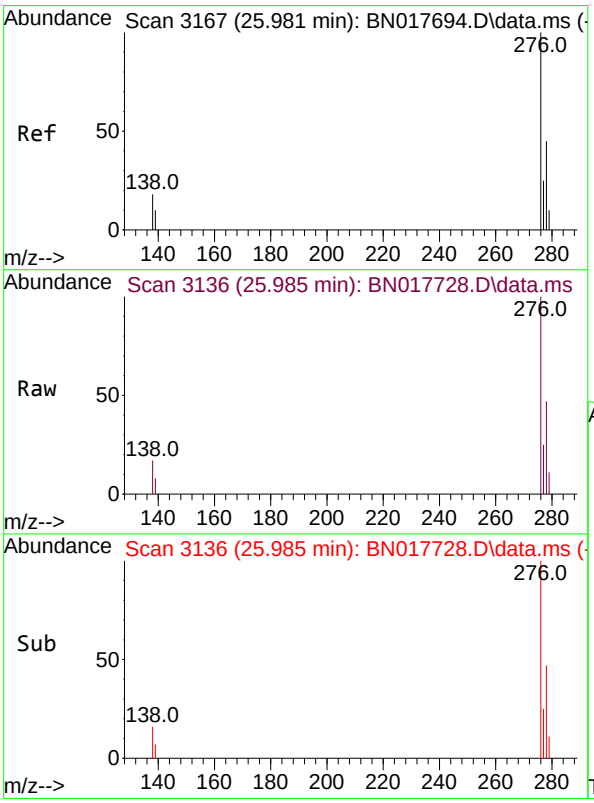
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.617 min Scan# 24
Delta R.T. 0.003 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 56541

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	28.6	18.6	28.0#

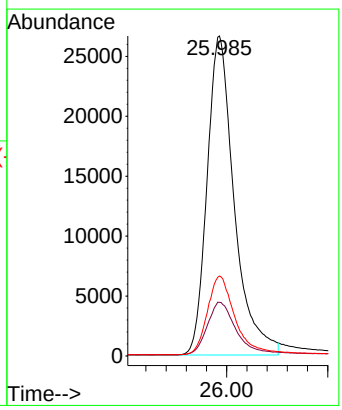


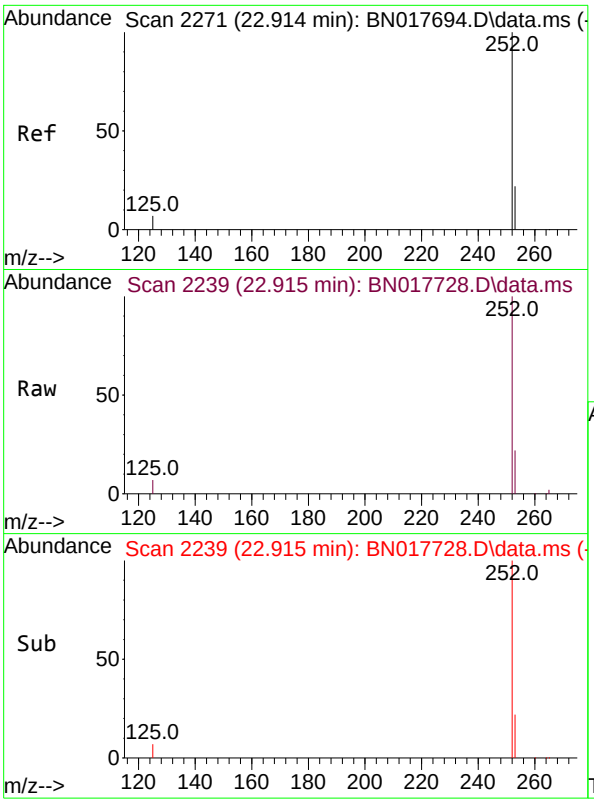


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.724 ng
RT: 25.985 min Scan# 3136
Delta R.T. -0.007 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:276 Resp: 99497

Ion	Ratio	Lower	Upper
276	100		
138	17.3	19.7	29.5#
277	24.9	20.0	30.0



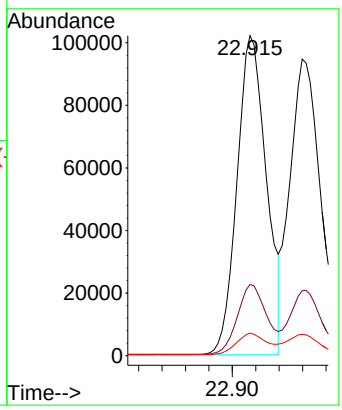


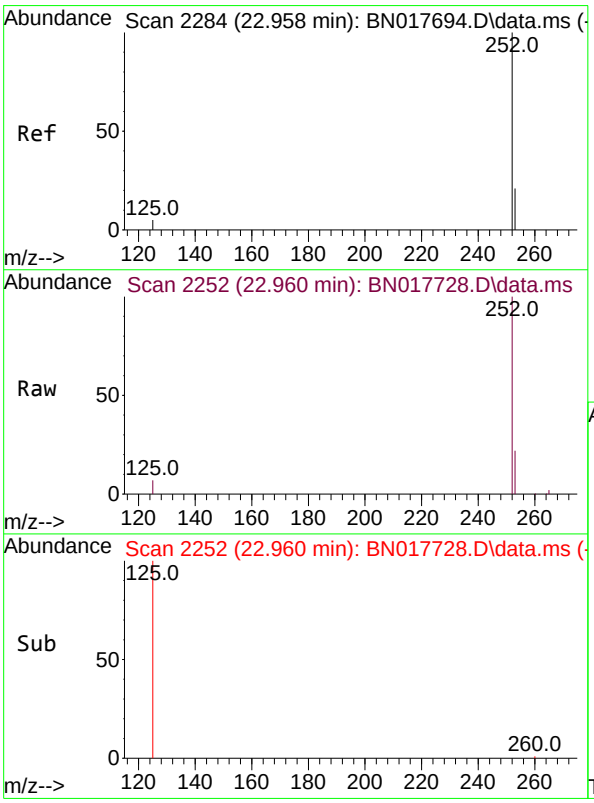
#37
Benzo(b)fluoranthene
Concen: 0.952 ng
RT: 22.915 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 177067

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	7.0	7.8	11.8#

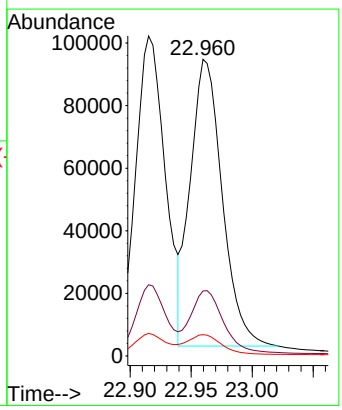


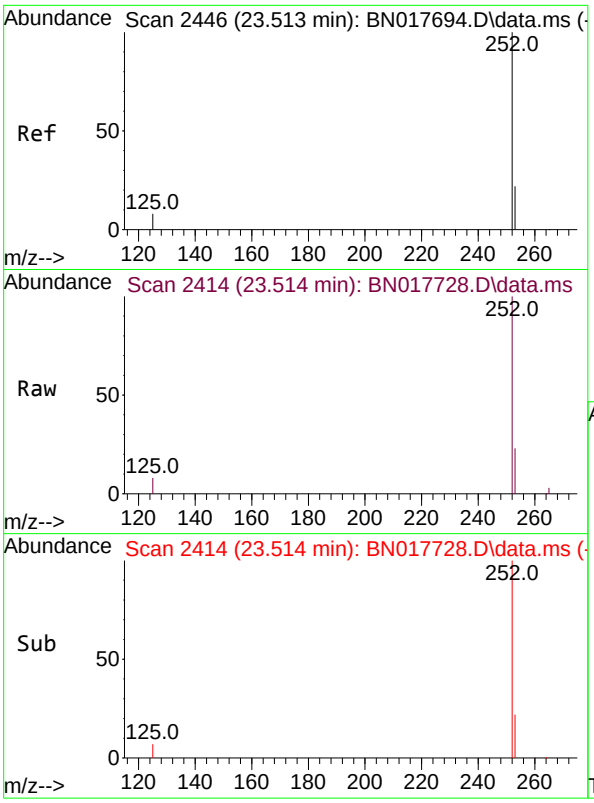


#38
Benzo(k)fluoranthene
Concen: 0.916 ng
RT: 22.960 min Scan# 2252
Delta R.T. -0.003 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:252 Resp: 167067

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	7.2	8.2	12.2#



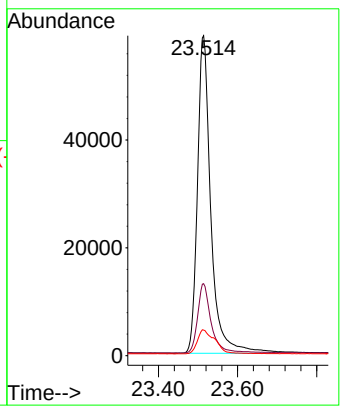


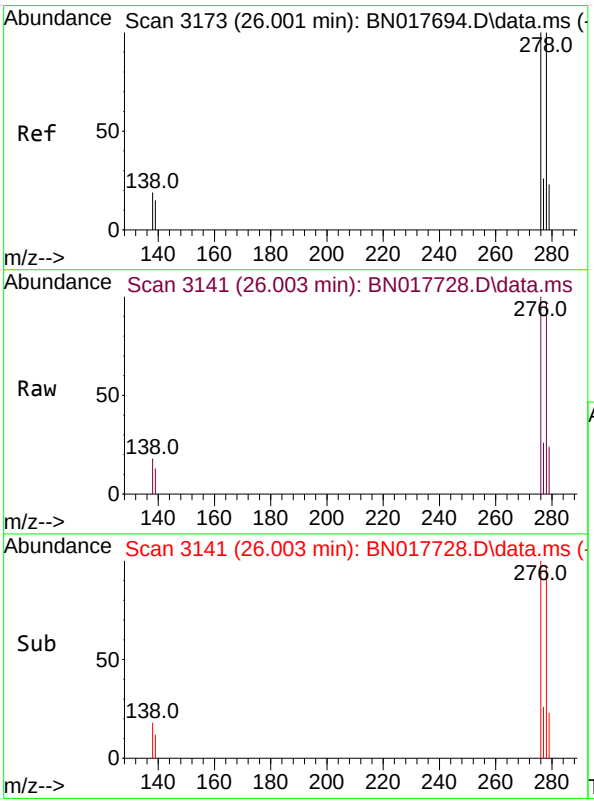
#39
Benzo(a)pyrene
Concen: 0.849 ng
RT: 23.514 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 138254

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.0	9.2	13.8#

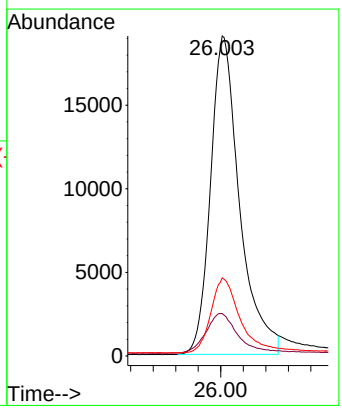


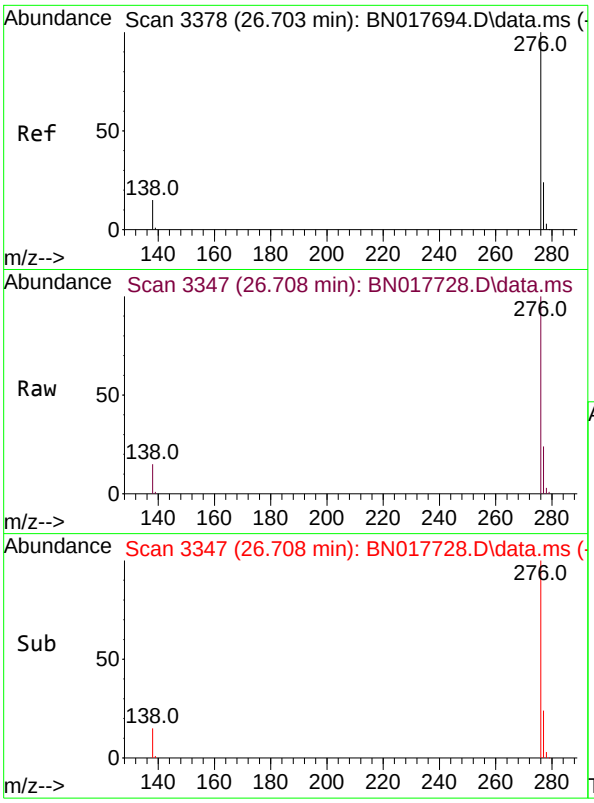


#40
Dibenzo(a,h)anthracene
Concen: 0.665 ng
RT: 26.003 min Scan# 3141
Delta R.T. -0.010 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Tgt Ion:278 Resp: 68193

Ion	Ratio	Lower	Upper
278	100		
139	13.3	13.0	19.6
279	24.4	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 0.791 ng
RT: 26.708 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN017728.D
Acq: 06 Dec 2021 13:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 100644

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	15.2	17.1	25.7#