Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
Data File : BN017732.D
Acq On : 06 Dec 2021 15:41
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Quant Time: Dec 06 16:56:36 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 15:58:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.752	152	16924	0.400	ng		0.00
7) Naphthalene-d8	10.532	136	70337	0.400	ng	#	0.00
13) Acenaphthene-d10	14.373	164	44950	0.400	ng		0.00
19) Phenanthrene-d10	17.117	188	94932	0.400	ng		0.00
29) Chrysene-d12	21.304	240	76302	0.400	ng	#	0.00
35) Perylene-d12	23.617	264	48789	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.355	112	15447	0.425	ng		0.00
5) Phenol-d6	6.931	99	16232	0.417	ng		0.00
8) Nitrobenzene-d5	8.897	82	17906	0.377	ng		0.00
11) 2-Methylnaphthalene-d10	12.125	152	52945	0.411	ng		0.00
14) 2,4,6-Tribromophenol	15.870	330	7181	0.392	ng		0.00
15) 2-Fluorobiphenyl	13.003	172	69747	0.419	ng		0.00
27) Fluoranthene-d10	19.154	212	125673	0.393	ng		0.00
31) Terphenyl-d14	19.760	244	83911	0.429	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	4807	0.429	ng		94
3) n-Nitrosodimethylamine	3.630	42	6619	0.413	ng		94
6) bis(2-Chloroethyl)ether	7.180	93	17644	0.415	ng		95
9) Naphthalene	10.583	128	71130	0.408	ng		100
10) Hexachlorobutadiene	10.887	225	22536	0.401	ng	#	99
12) 2-Methylnaphthalene	12.201	142	50133	0.419	ng		98
16) Acenaphthylene	14.094	152	68876	0.399	ng		100
17) Acenaphthene	14.436	154	47724	0.408	ng		100
18) Fluorene	15.426	166	61656	0.411	ng		99
20) 4,6-Dinitro-2-methylph...	15.515	198	440	0.369	ng	#	51
21) 4-Bromophenyl-phenylether	16.314	248	22822	0.401	ng	#	76
22) Hexachlorobenzene	16.436	284	28923	0.415	ng	#	91
23) Atrazine	16.582	200	13908	0.375	ng	#	94
24) Pentachlorophenol	16.788	266	2840	0.356	ng		99
25) Phenanthrene	17.154	178	103167	0.412	ng		100
26) Anthracene	17.251	178	86654	0.397	ng		100
28) Fluoranthene	19.184	202	124676	0.412	ng	#	97
30) Pyrene	19.547	202	122652	0.427	ng		100
32) Benzo(a)anthracene	21.293	228	92842	0.405	ng		99
33) Chrysene	21.346	228	96806	0.397	ng		100
34) Bis(2-ethylhexyl)phtha...	21.240	149	41568	0.345	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.992	276	38417	0.377	ng	#	93
37) Benzo(b)fluoranthene	22.918	252	70209	0.409	ng	#	97
38) Benzo(k)fluoranthene	22.963	252	64122	0.406	ng	#	97
39) Benzo(a)pyrene	23.514	252	54222	0.391	ng	#	97
40) Dibenzo(a,h)anthracene	26.013	278	26150	0.367	ng		95
41) Benzo(g,h,i)perylene	26.714	276	40998	0.400	ng	#	94

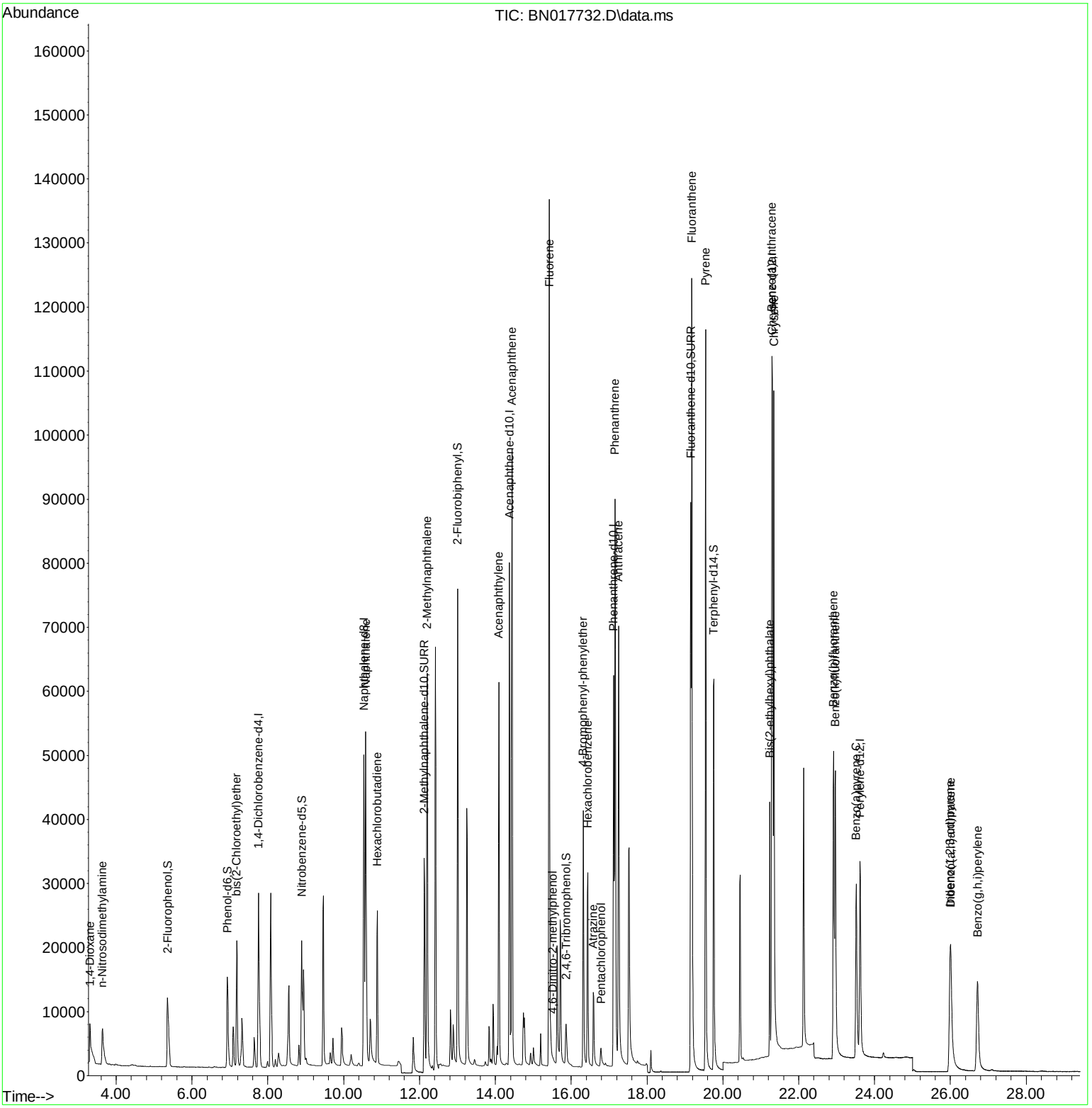
(#) = qualifier out of range (m) = manual integration (+) = signals summed

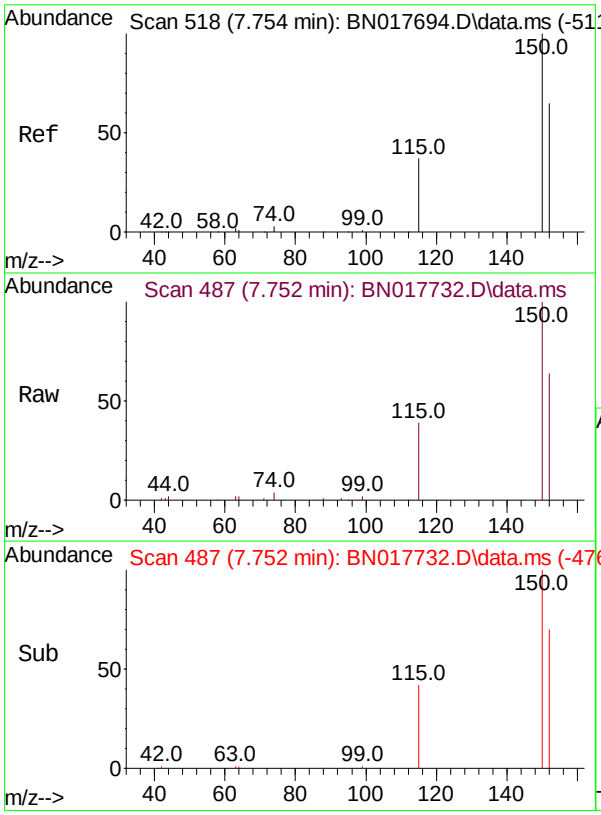
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
Data File : BN017732.D
Acq On : 06 Dec 2021 15:41
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Quant Time: Dec 06 16:56:36 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 15:58:05 2021
Response via : Initial Calibration



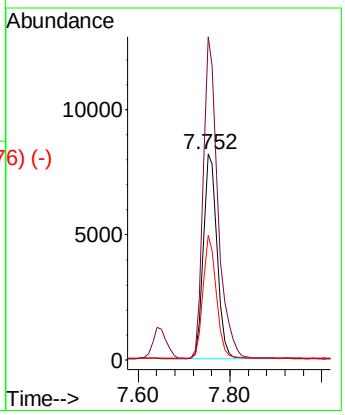


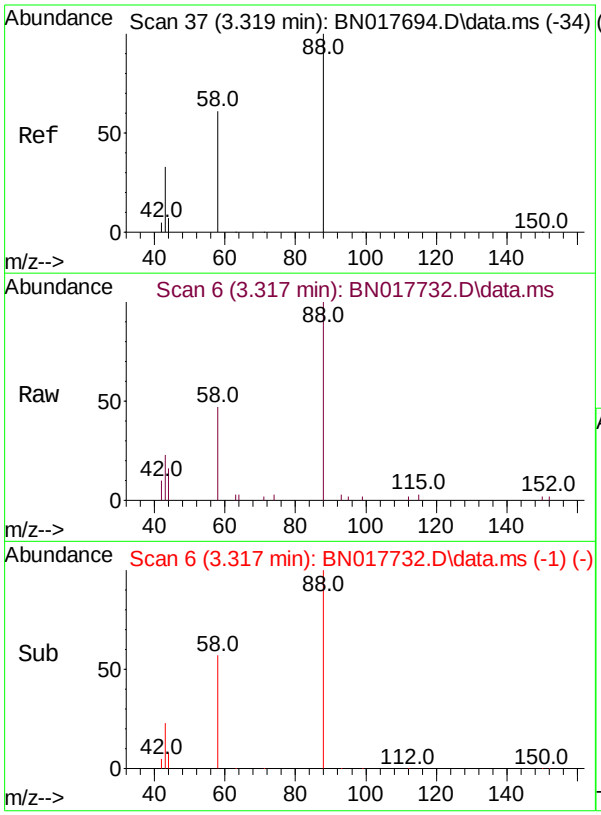
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.752 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:152 Resp: 16924

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.0	184.4
115	60.4	45.6	68.4

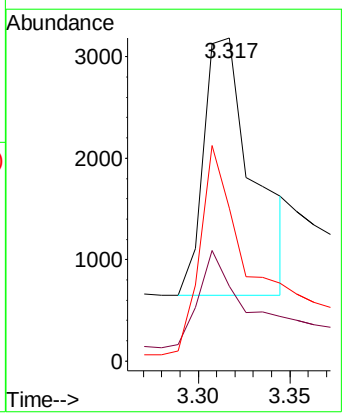


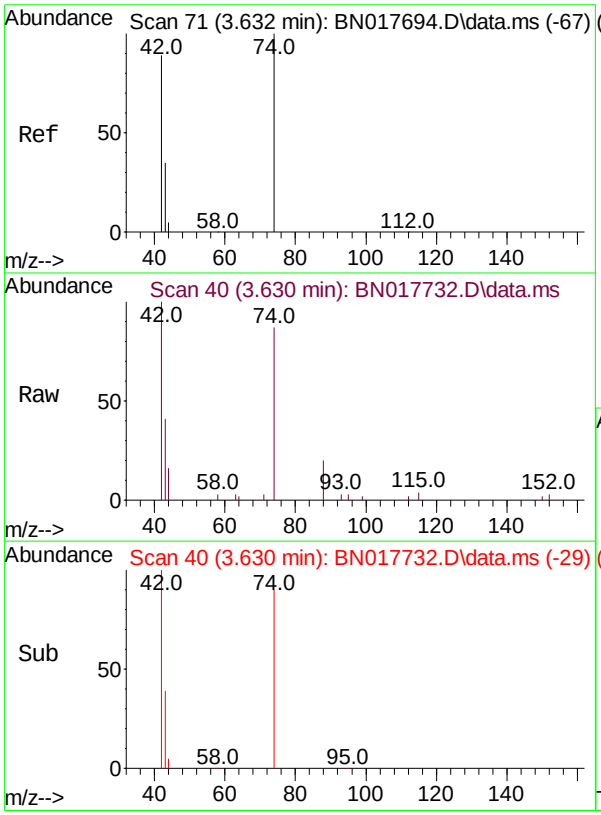


#2
1,4-Dioxane
Concen: 0.429 ng
RT: 3.317 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion: 88 Resp: 4807

Ion	Ratio	Lower	Upper
88	100		
43	32.1	24.7	37.1
58	71.7	63.0	94.6



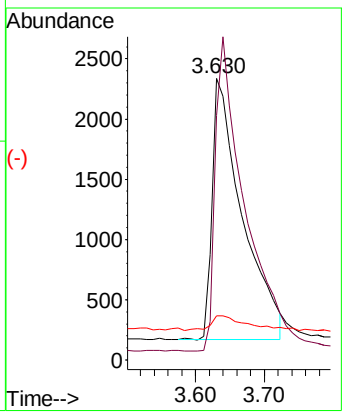


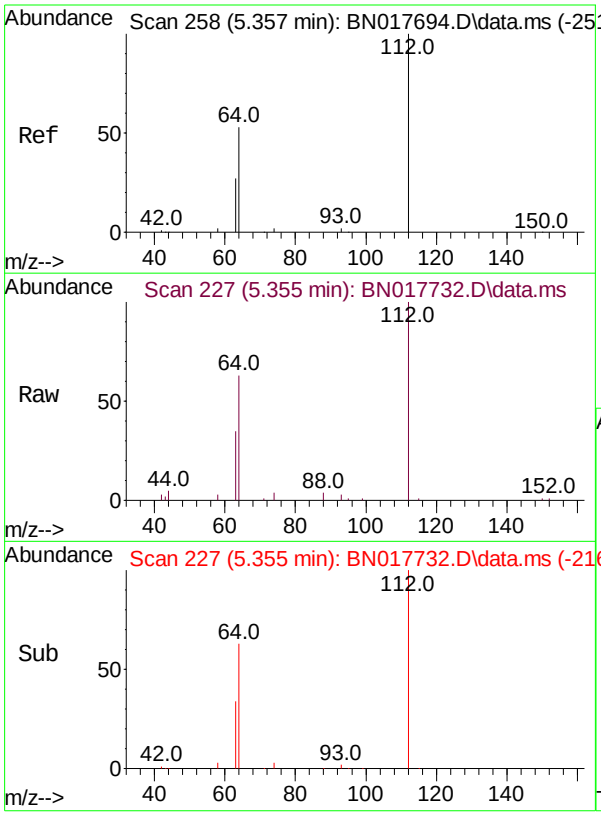
#3
n-Nitrosodimethylamine
Concen: 0.413 ng
RT: 3.630 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion: 42 Resp: 6619

Ion	Ratio	Lower	Upper
42	100		
74	115.7	97.8	146.6
44	6.1	5.5	8.3

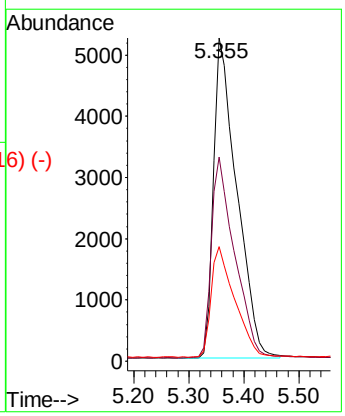


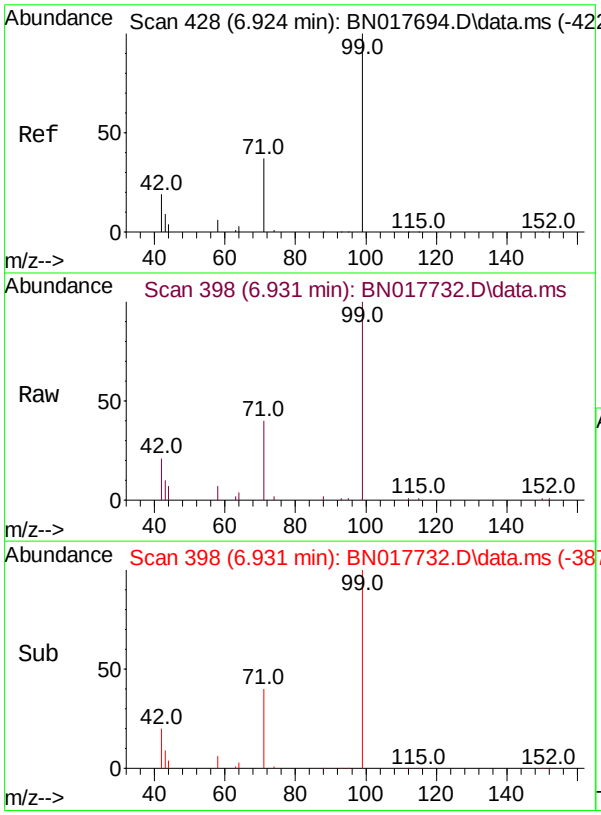


#4
2-Fluorophenol
Concen: 0.425 ng
RT: 5.355 min Scan# 227
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:112 Resp: 15447

Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.6	71.4
63	35.0	24.6	37.0



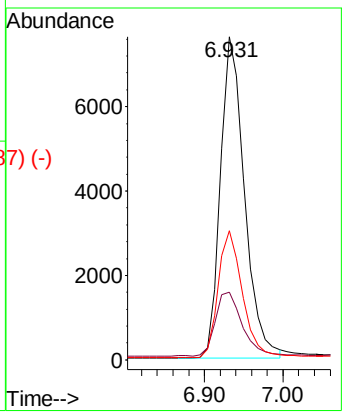


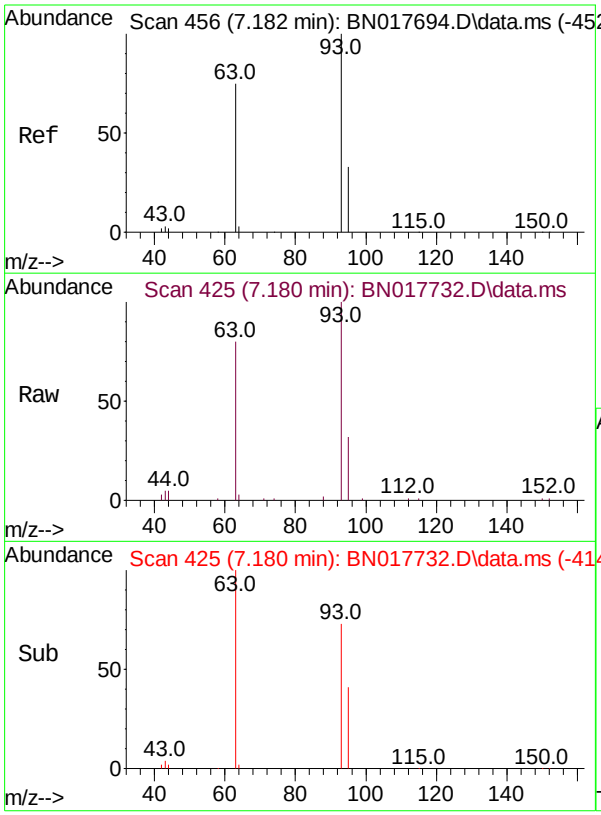
#5
Phenol-d6
Concen: 0.417 ng
RT: 6.931 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion: 99 Resp: 16232

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.0	25.6
71	39.8	24.8	37.2#

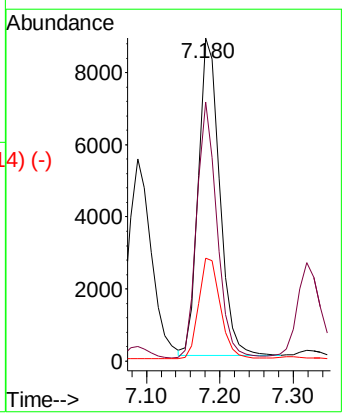


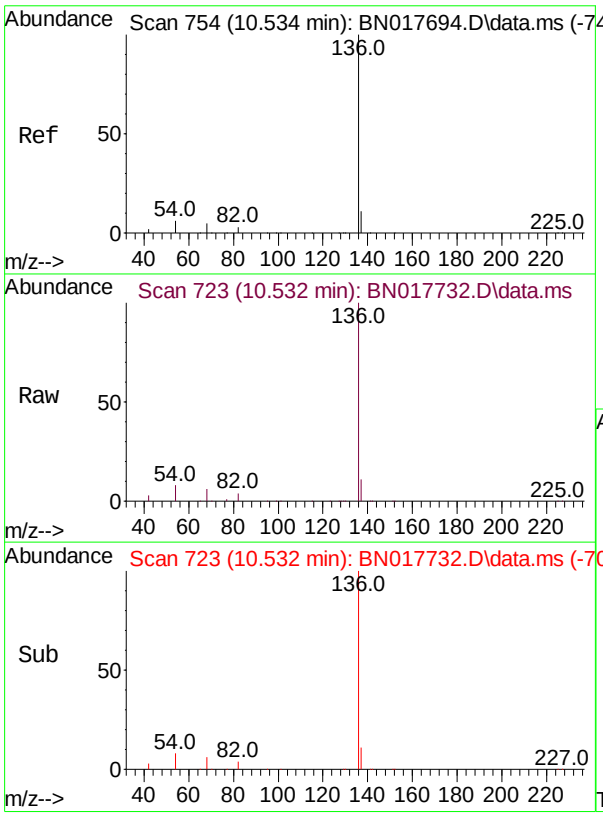


#6
bis(2-Chloroethyl)ether
Concen: 0.415 ng
RT: 7.180 min Scan# 425
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion: 93 Resp: 17644

Ion	Ratio	Lower	Upper
93	100		
63	76.8	65.8	98.6
95	32.6	26.6	39.8



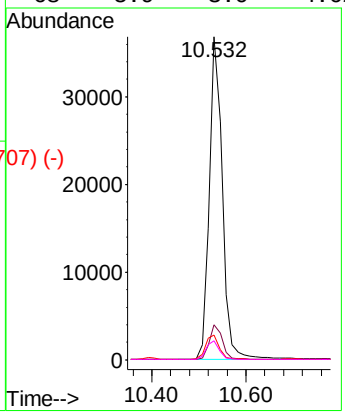


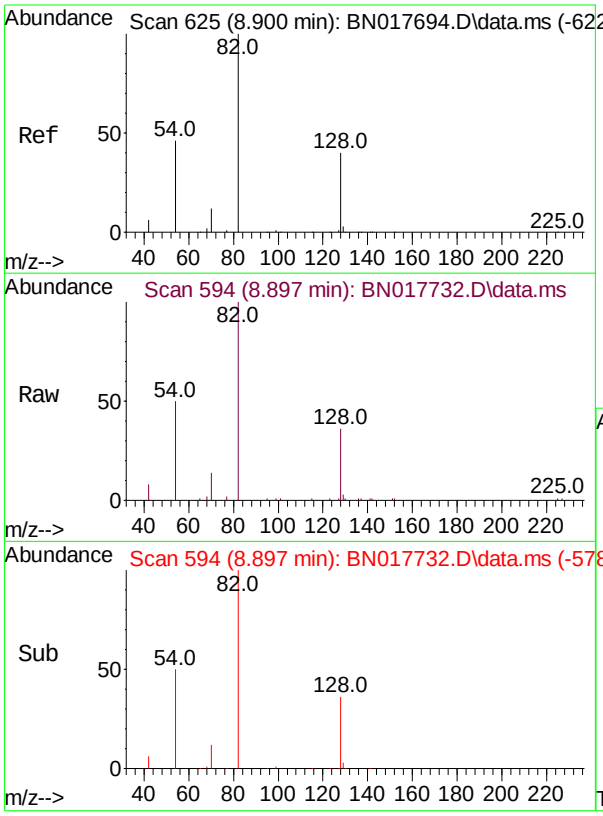
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:136 Resp: 70337

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	4.0	6.0#
68	5.9	3.0	4.6#

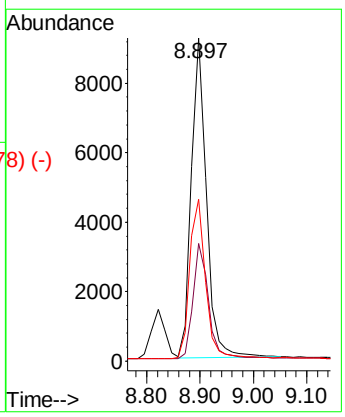


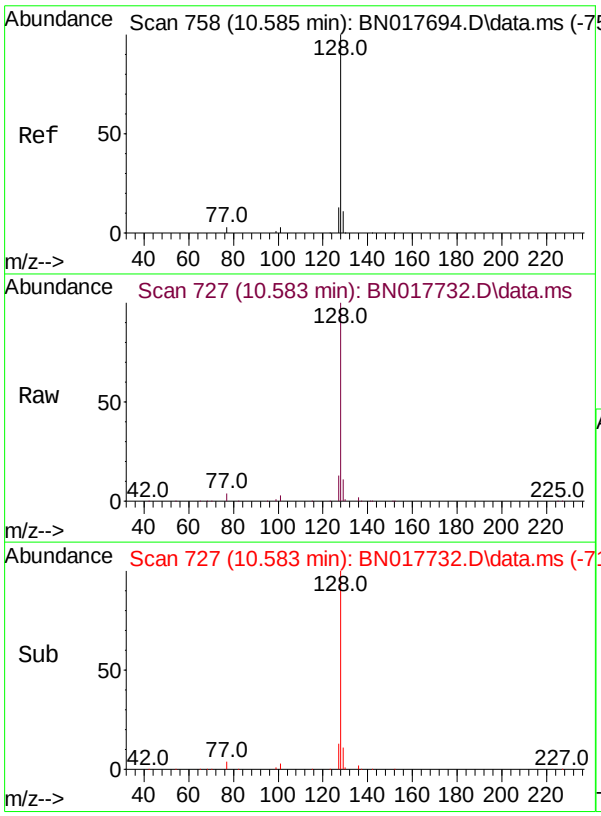


#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion: 82 Resp: 17906

Ion	Ratio	Lower	Upper
82	100		
128	36.4	27.7	41.5
54	50.1	49.2	73.8



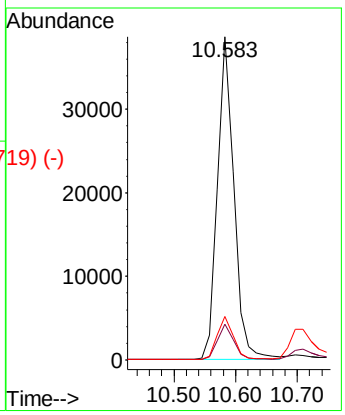


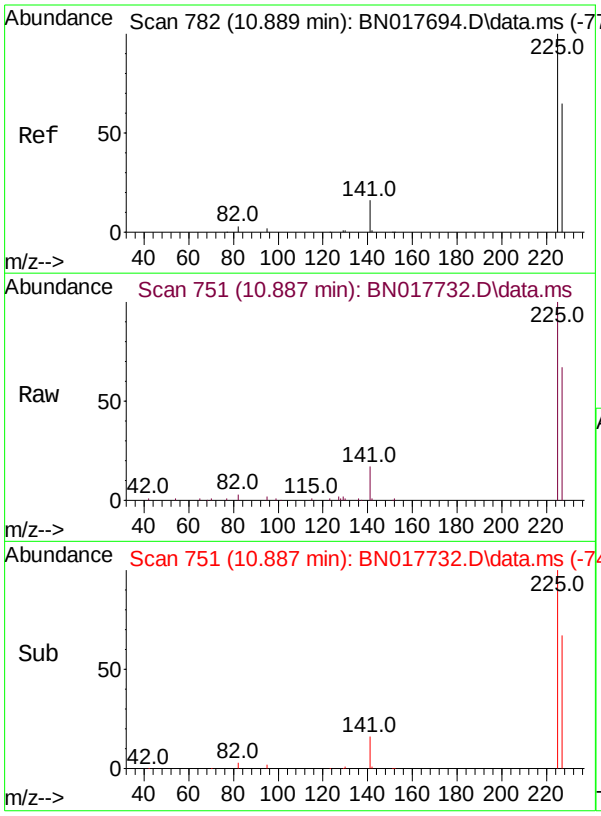
#9
Naphthalene
Concen: 0.408 ng
RT: 10.583 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:128 Resp: 71130

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.6	15.8

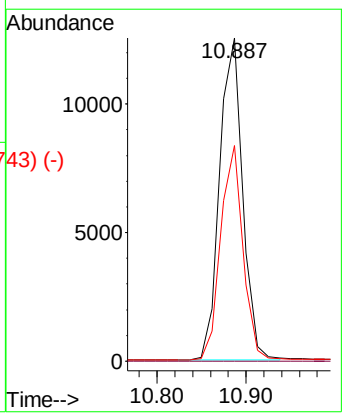


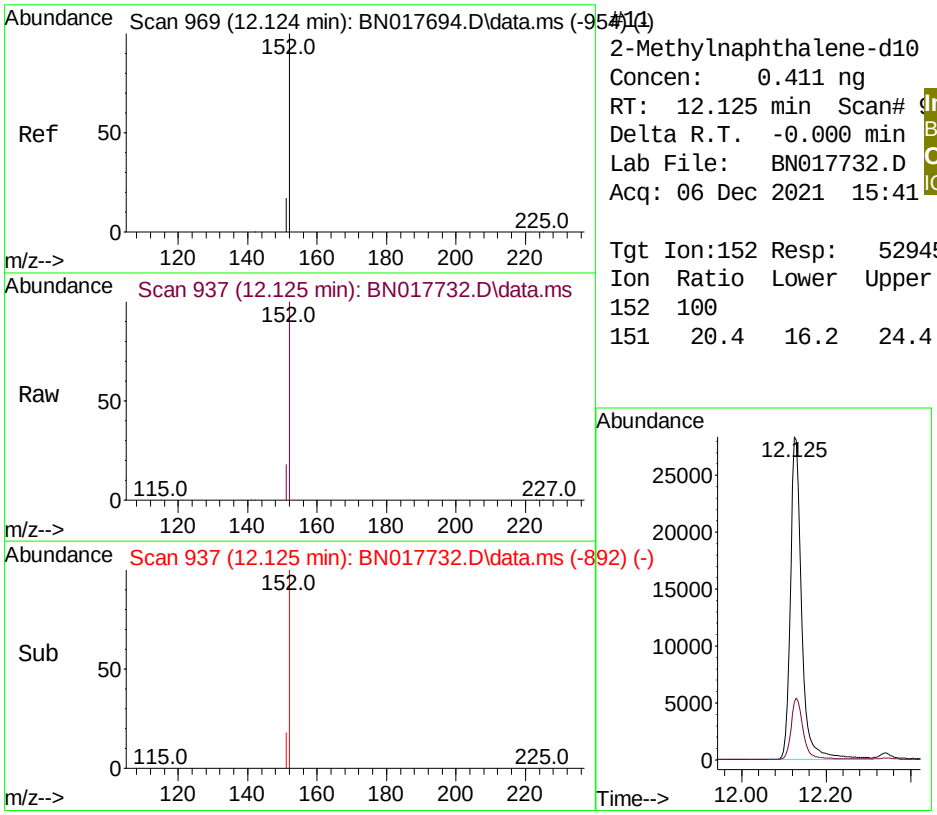


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 10.887 min Scan# 751
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:225 Resp: 22536

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	51.1	76.7



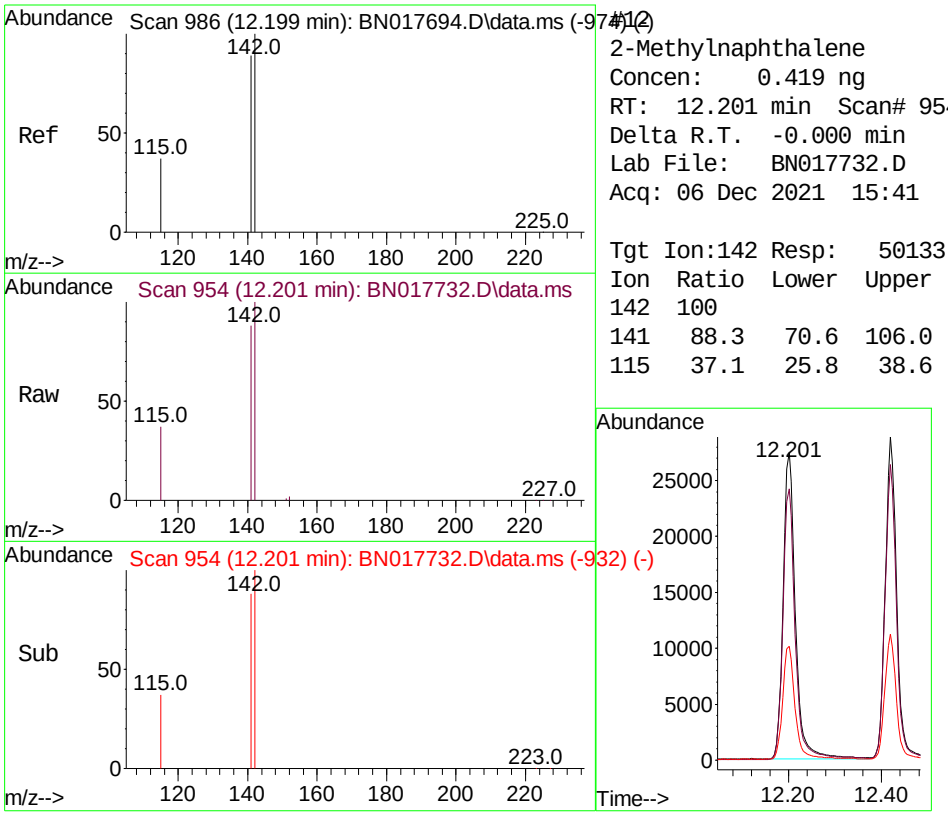


#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.125 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:152 Resp: 52945

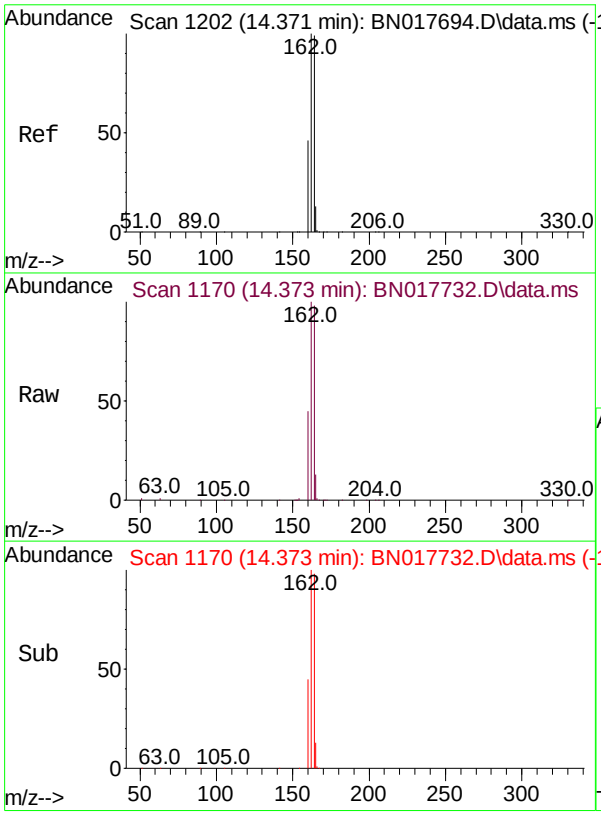
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4



#12
2-Methylnaphthalene
Concen: 0.419 ng
RT: 12.201 min Scan# 954
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:142 Resp: 50133

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	106.0
115	37.1	25.8	38.6

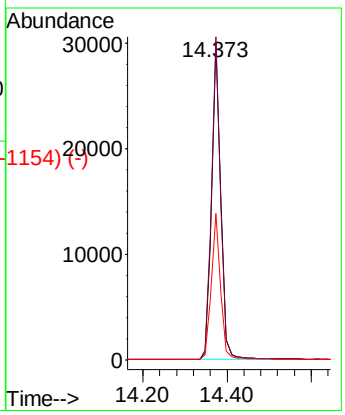


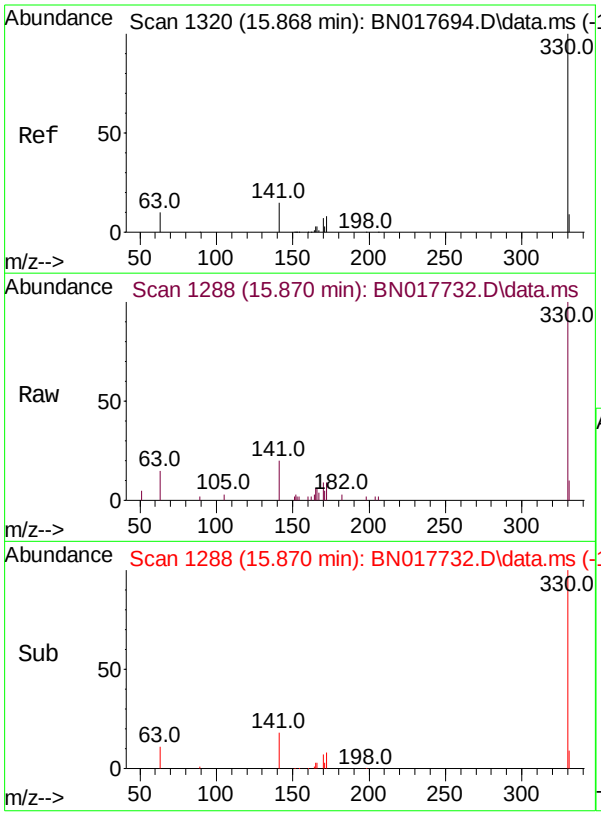
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:164 Resp: 44950

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.2
160	46.3	36.8	55.2

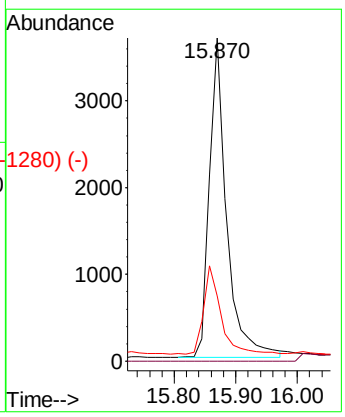


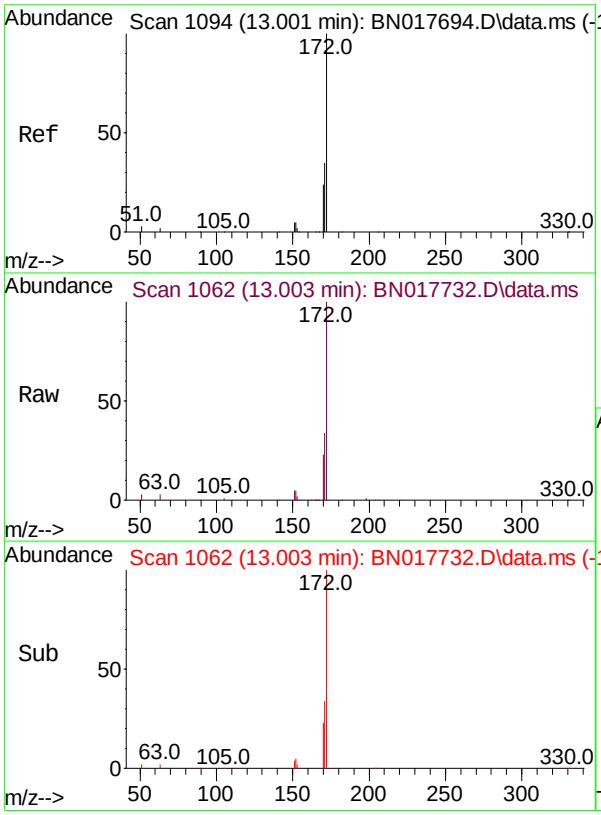


#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.870 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:330 Resp: 7181

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.6	28.9	43.3#



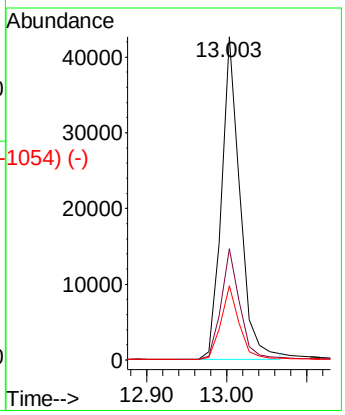


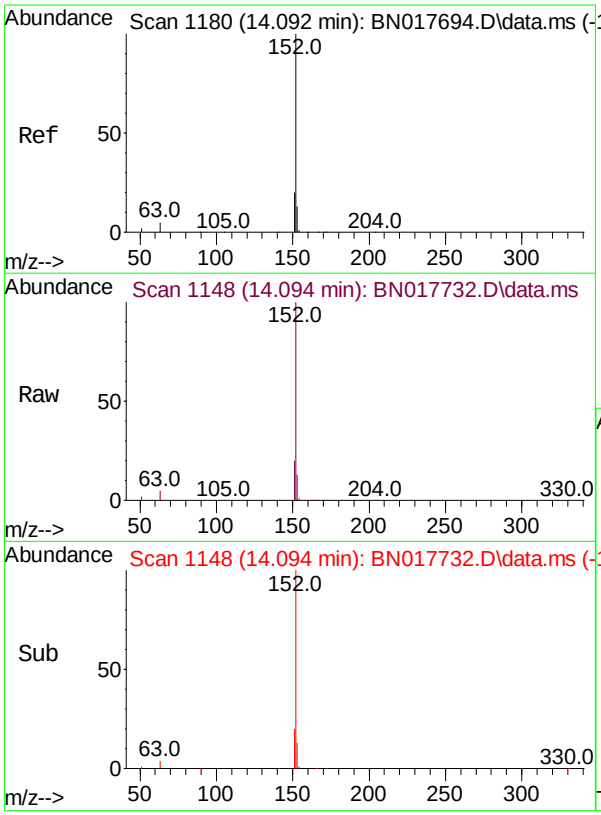
#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 13.003 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:172 Resp: 69747

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.7	43.1
170	23.0	19.4	29.2

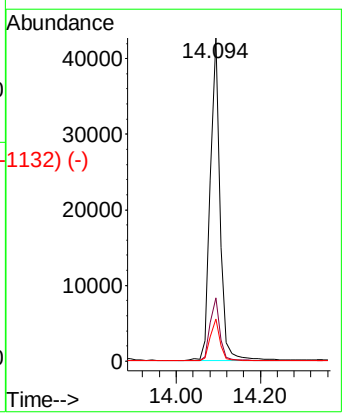


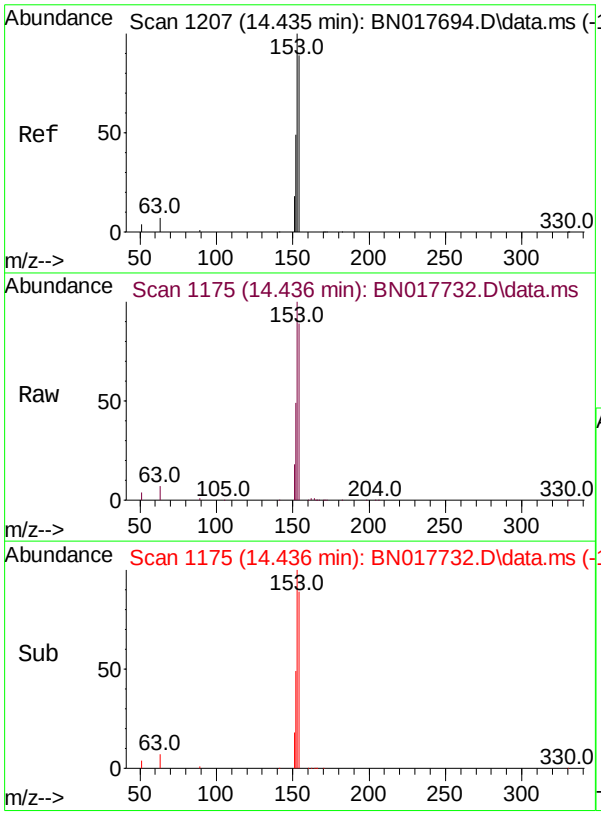


#16
Acenaphthylene
Concen: 0.399 ng
RT: 14.094 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:152 Resp: 68876

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.0	10.4	15.6



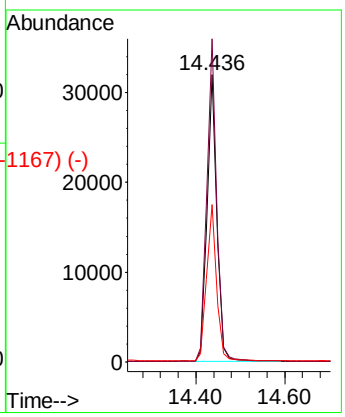


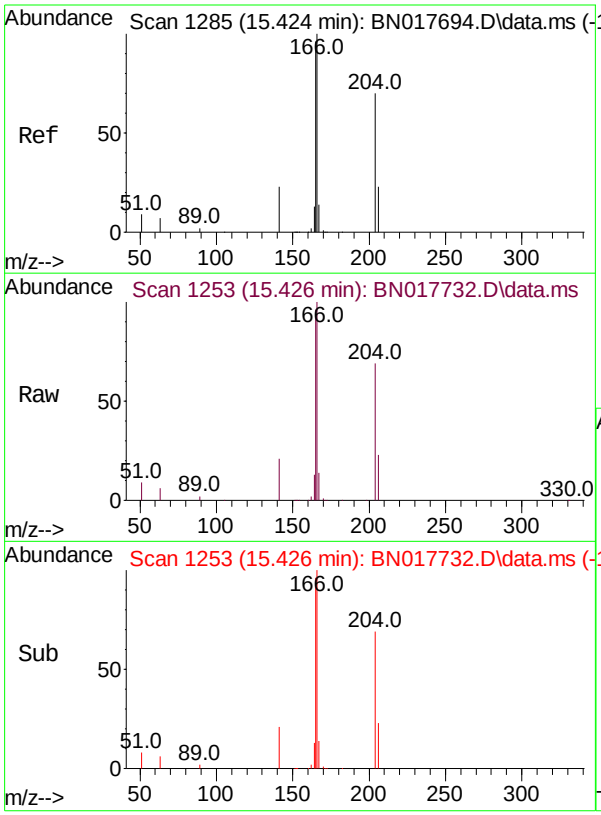
#117
Acenaphthene
Concen: 0.408 ng
RT: 14.436 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:154 Resp: 47724

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.2	136.8
152	55.9	44.3	66.5

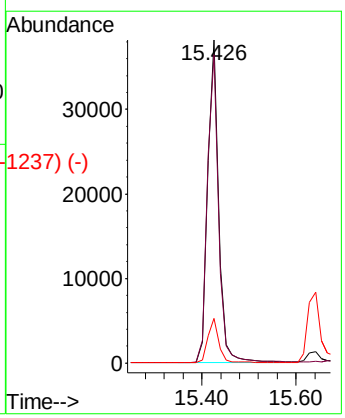


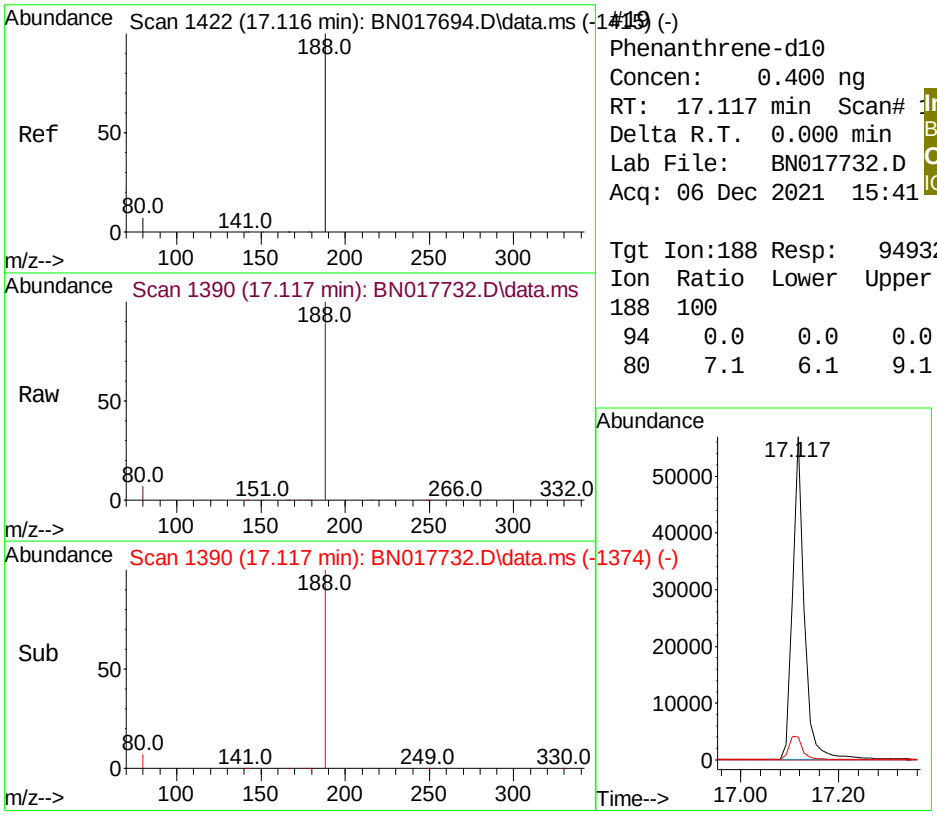


#118
Fluorene
Concen: 0.411 ng
RT: 15.426 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:166 Resp: 61656

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.9	116.9
167	13.6	10.9	16.3



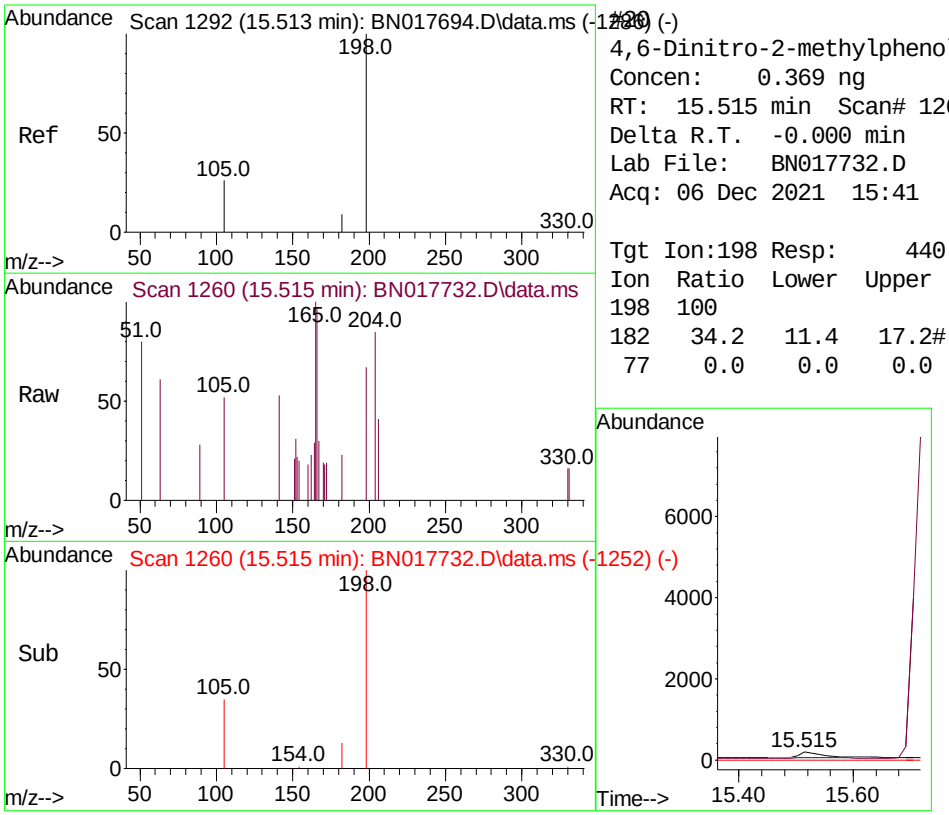


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:188 Resp: 94932

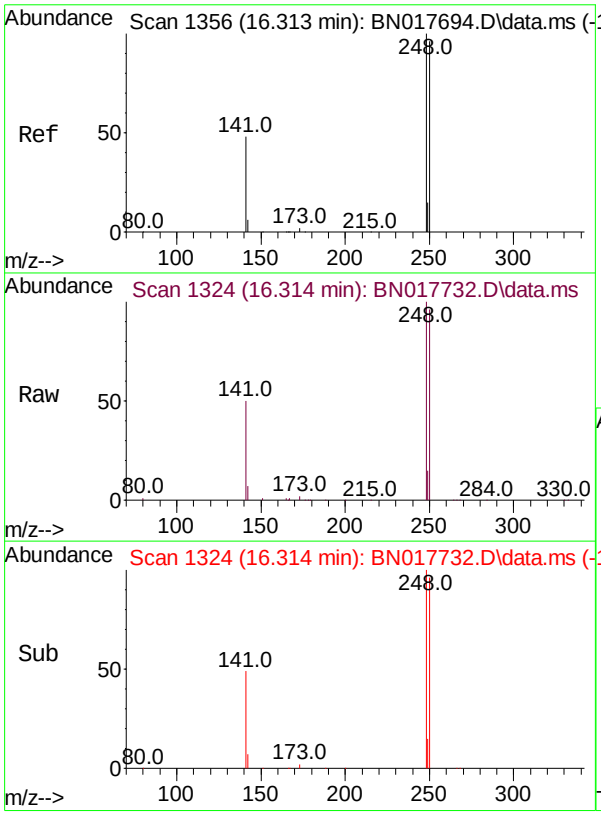
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	6.1	9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.369 ng
RT: 15.515 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:198 Resp: 440

Ion	Ratio	Lower	Upper
198	100		
182	34.2	11.4	17.2#
77	0.0	0.0	0.0

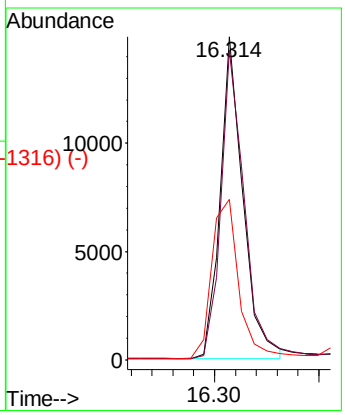


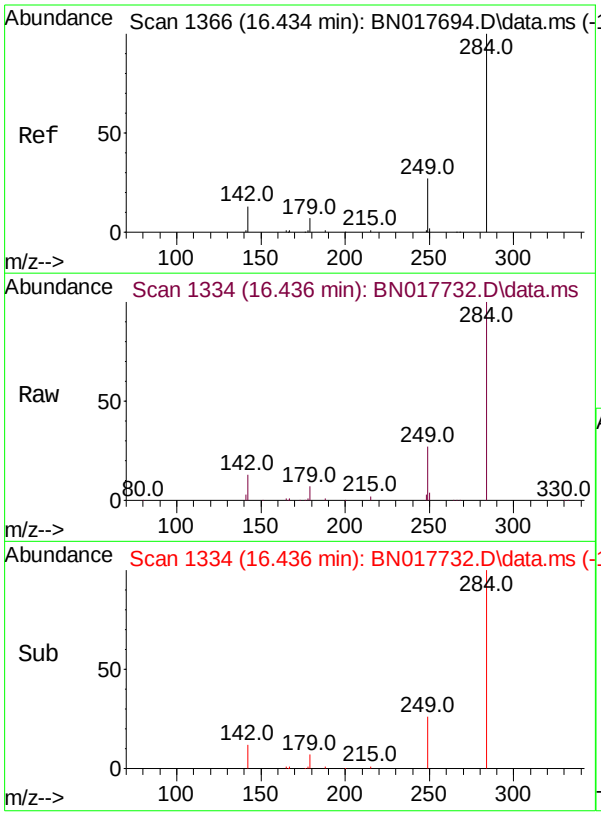
#21
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.314 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:248 Resp: 22822

Ion	Ratio	Lower	Upper
248	100		
250	95.8	71.8	107.8
141	49.7	70.9	106.3#

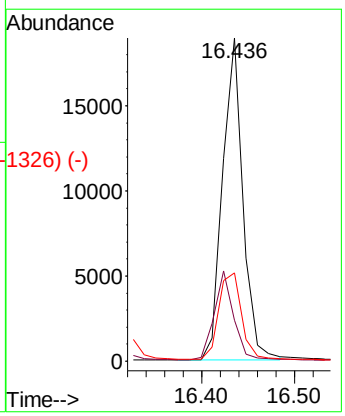


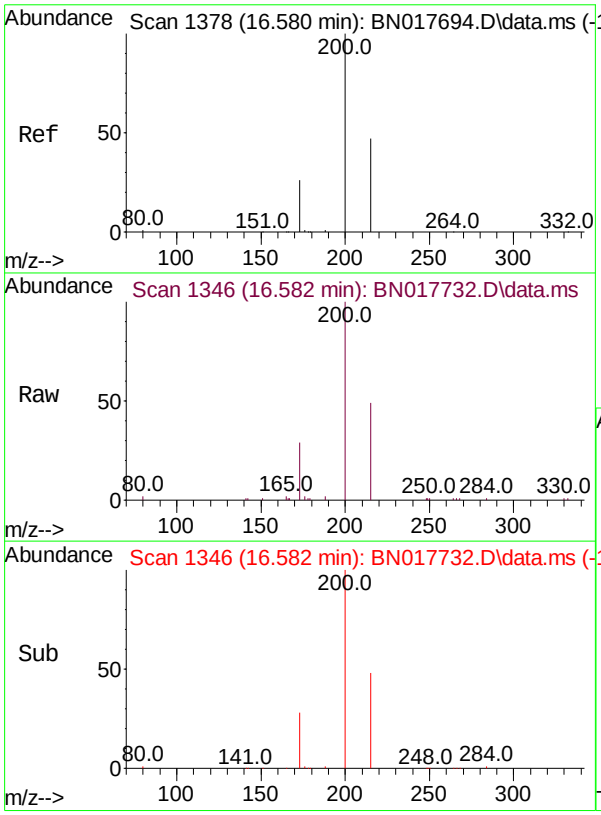


#22
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.436 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:284 Resp: 28923

Ion	Ratio	Lower	Upper
284	100		
142	26.1	28.2	42.2#
249	30.3	24.4	36.6



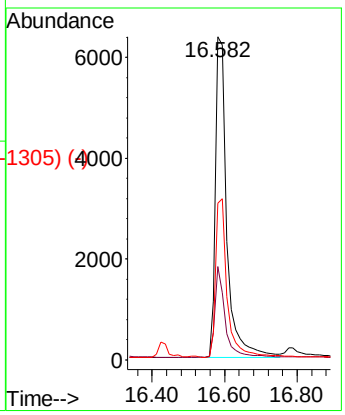


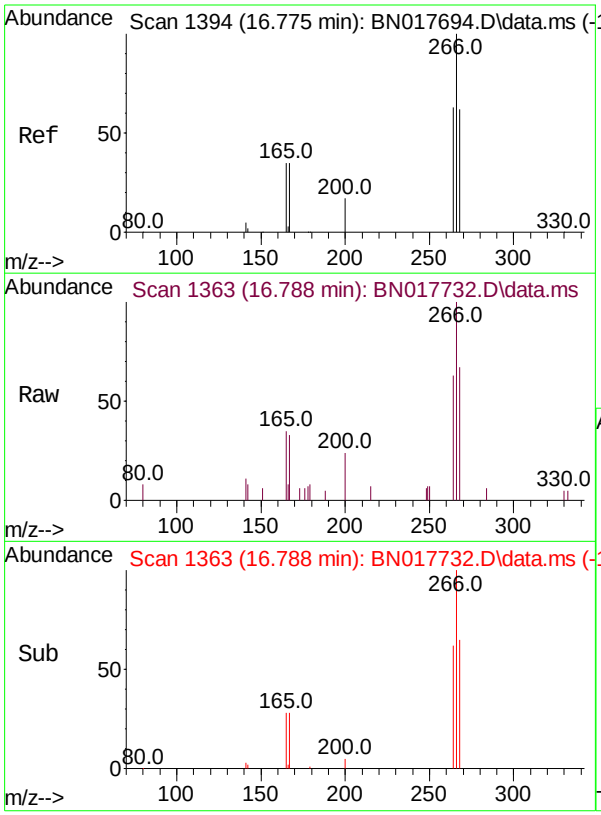
#22
Atrazine
Concen: 0.375 ng
RT: 16.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:200 Resp: 13908

Ion	Ratio	Lower	Upper
200	100		
173	28.8	17.6	26.4#
215	48.6	40.2	60.4

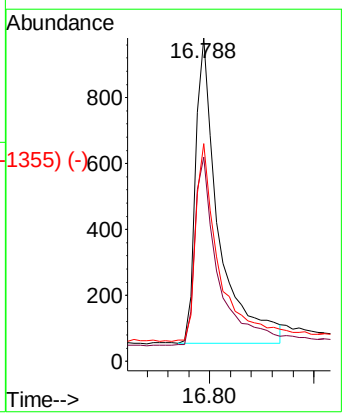


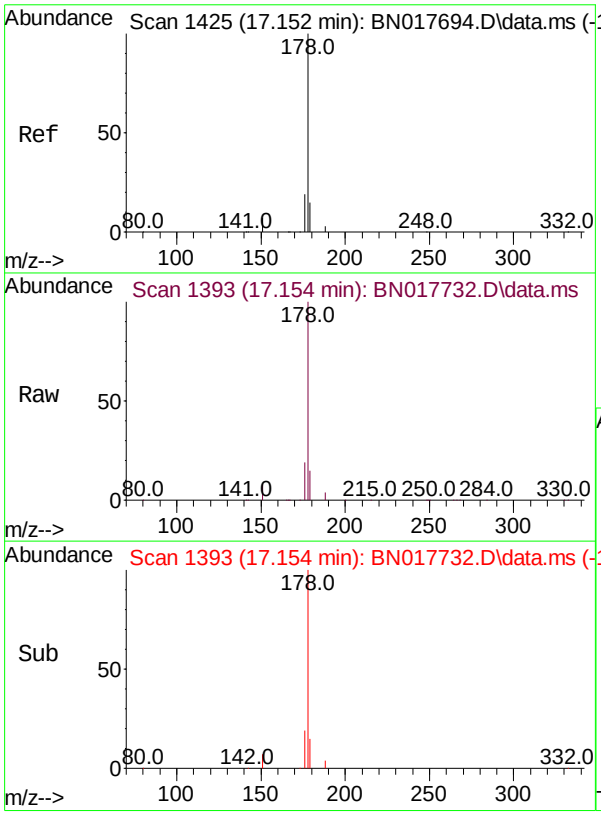


#24
Pentachlorophenol
Concen: 0.356 ng
RT: 16.788 min Scan# 1363
Delta R.T. -0.001 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:266 Resp: 2840

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.8	74.8
268	65.1	51.3	76.9



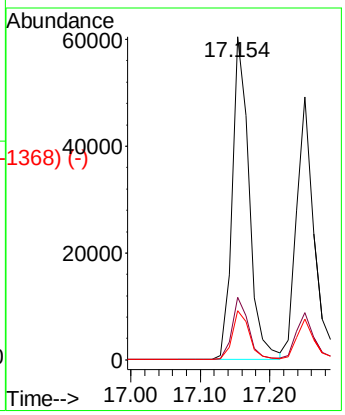


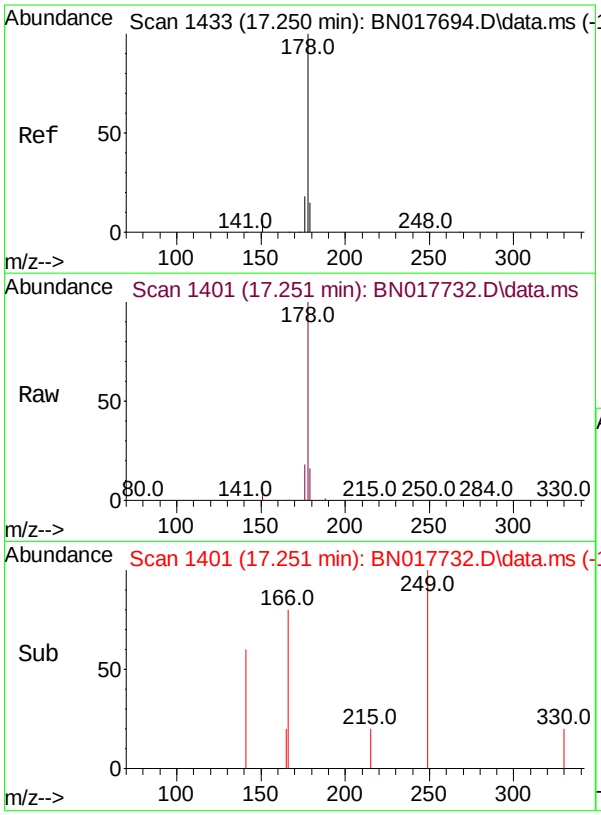
#25
Phenanthrene
Concen: 0.412 ng
RT: 17.154 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:178 Resp: 103167

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.3	18.5

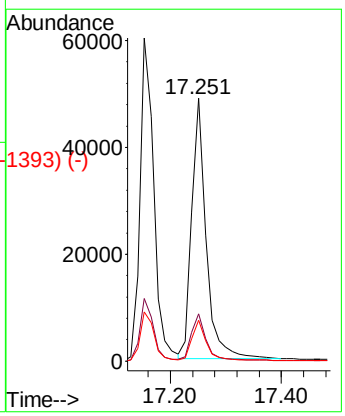


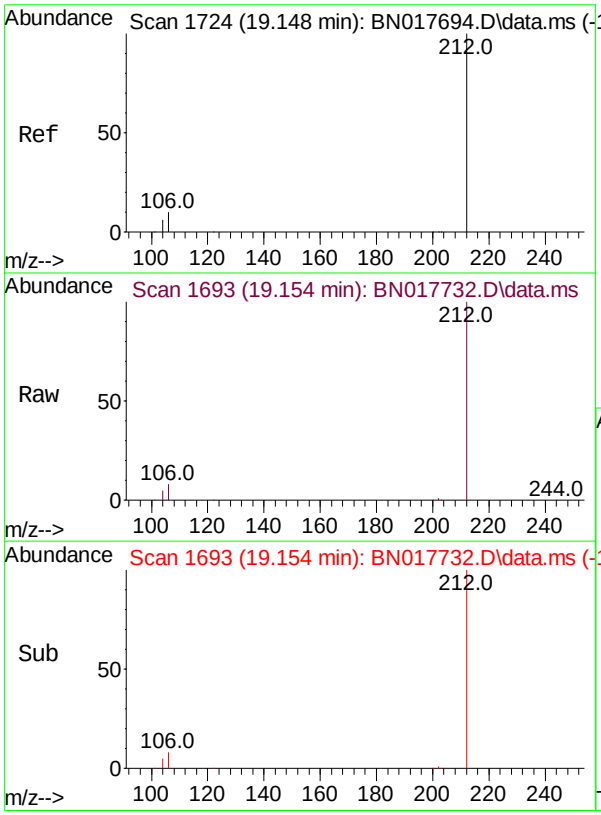


#26
Anthracene
Concen: 0.397 ng
RT: 17.251 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:178 Resp: 86654

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.3	12.2	18.4



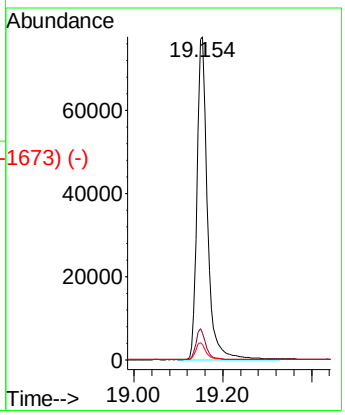


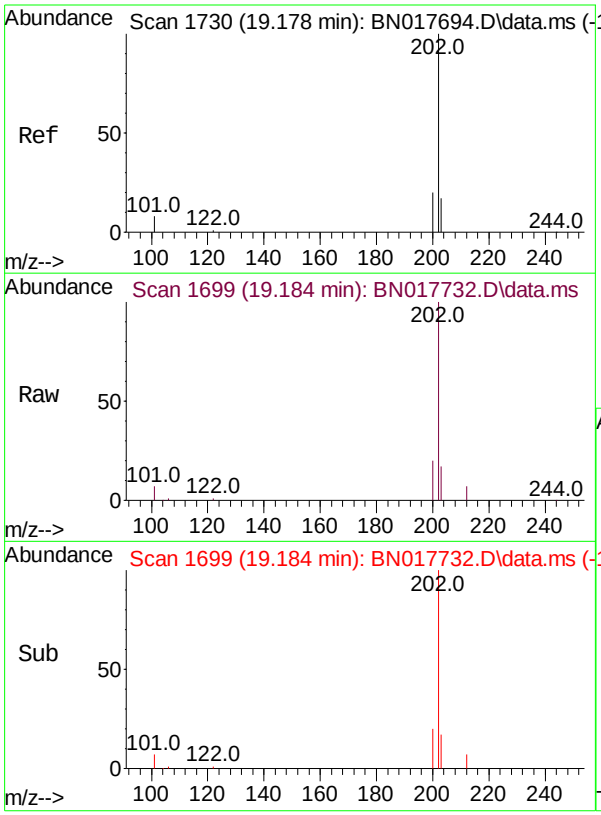
#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.154 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:212 Resp: 125673

Ion	Ratio	Lower	Upper
212	100		
106	9.4	10.5	15.7#
104	5.2	5.8	8.6#

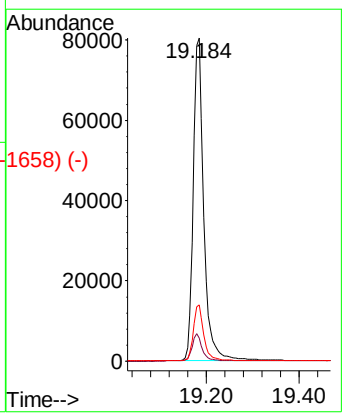


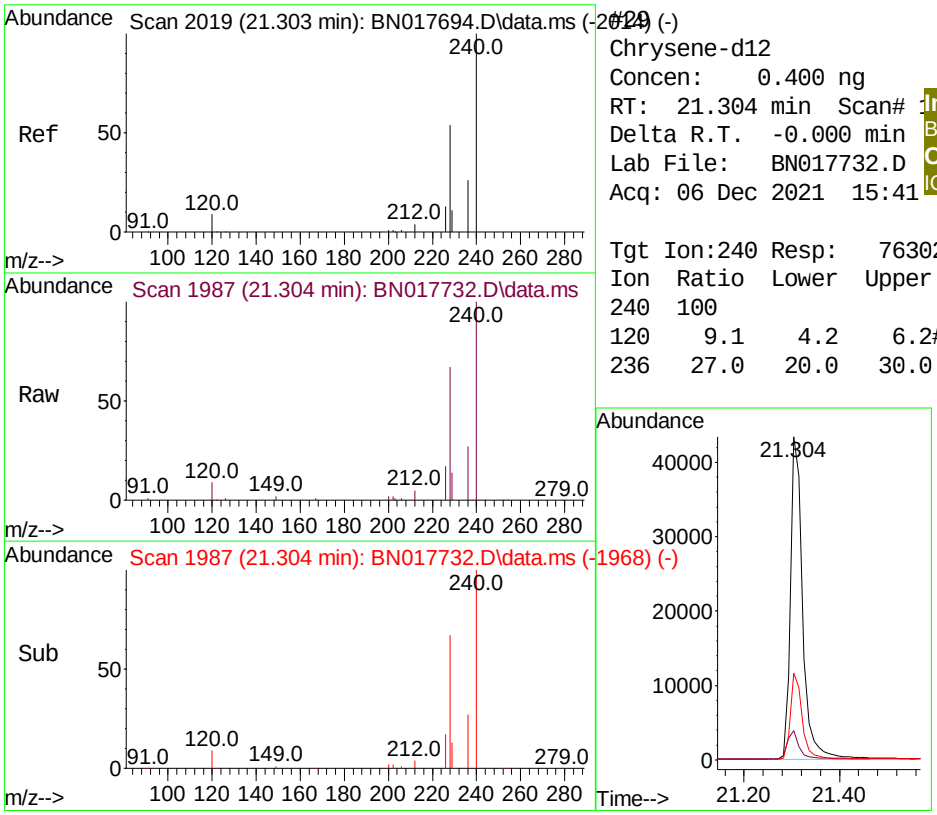


#28
Fluoranthene
Concen: 0.412 ng
RT: 19.184 min Scan# 1699
Delta R.T. 0.005 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:202 Resp: 124676

Ion	Ratio	Lower	Upper
202	100		
101	8.2	8.9	13.3#
203	17.2	13.8	20.6



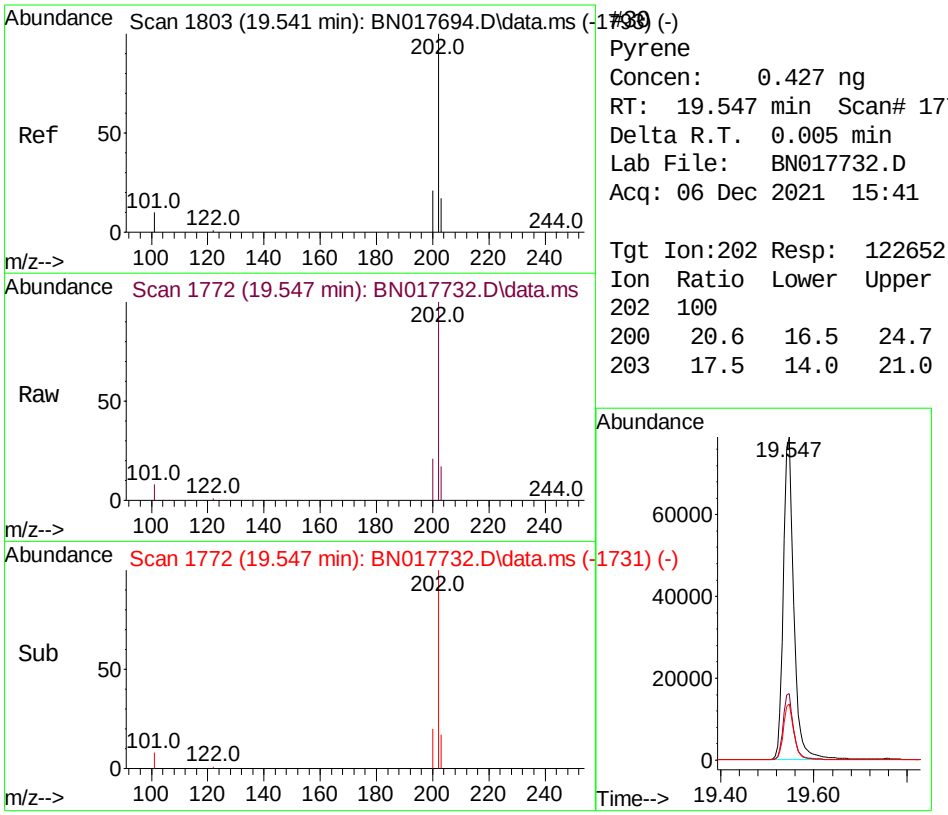


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:240 Resp: 76302

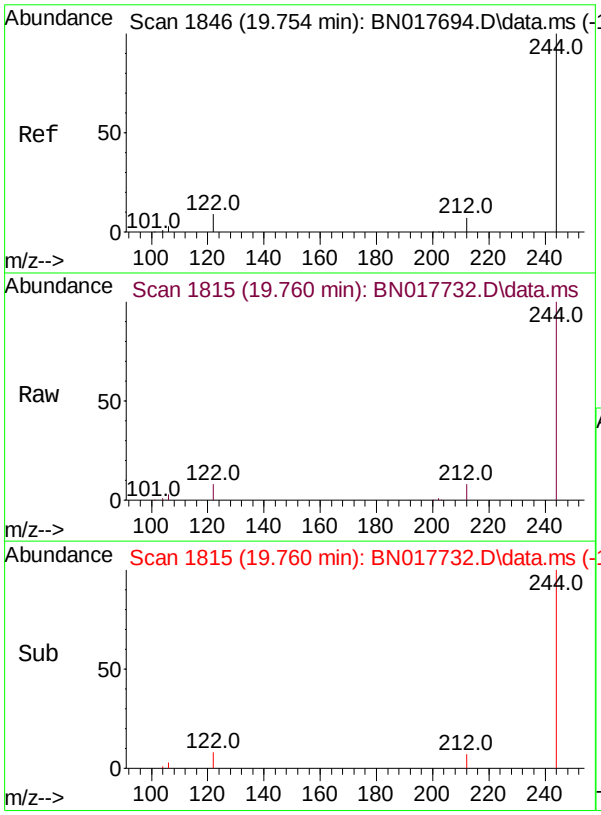
Ion	Ratio	Lower	Upper
240	100		
120	9.1	4.2	6.2#
236	27.0	20.0	30.0



#30
Pyrene
Concen: 0.427 ng
RT: 19.547 min Scan# 1772
Delta R.T. 0.005 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:202 Resp: 122652

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	14.0	21.0

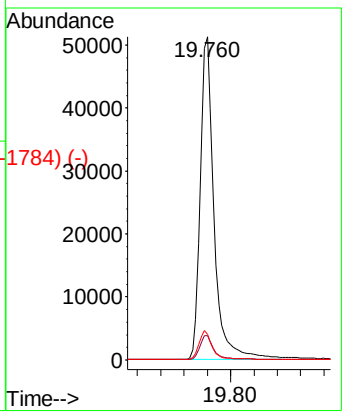


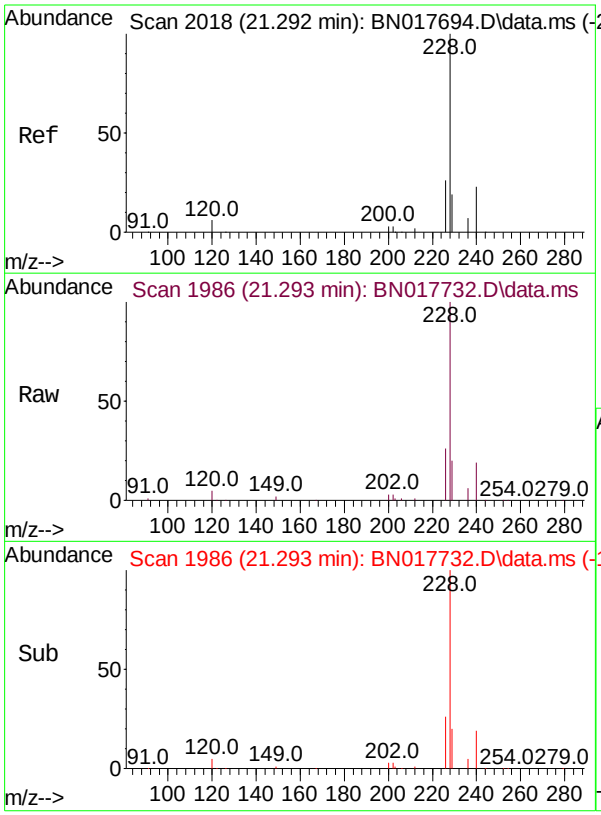
#31
Terphenyl-d14
Concen: 0.429 ng
RT: 19.760 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:244 Resp: 83911

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	8.0	8.6	13.0#

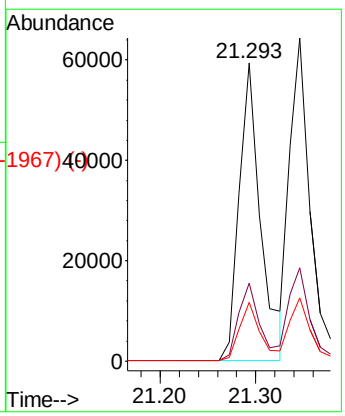


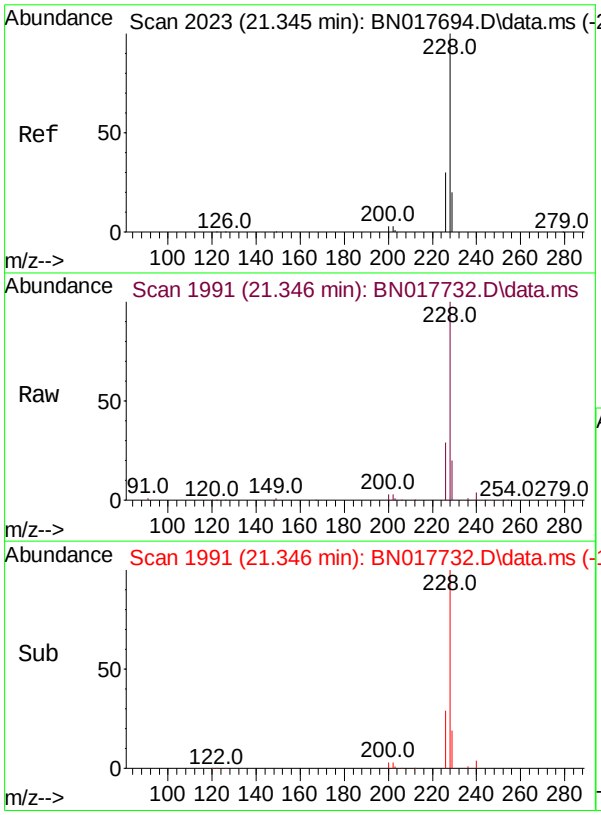


#32
Benzo(a)anthracene
Concen: 0.405 ng
RT: 21.293 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:228 Resp: 92842

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.3	31.9
229	19.8	15.7	23.5



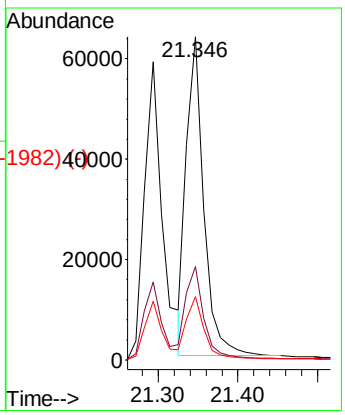


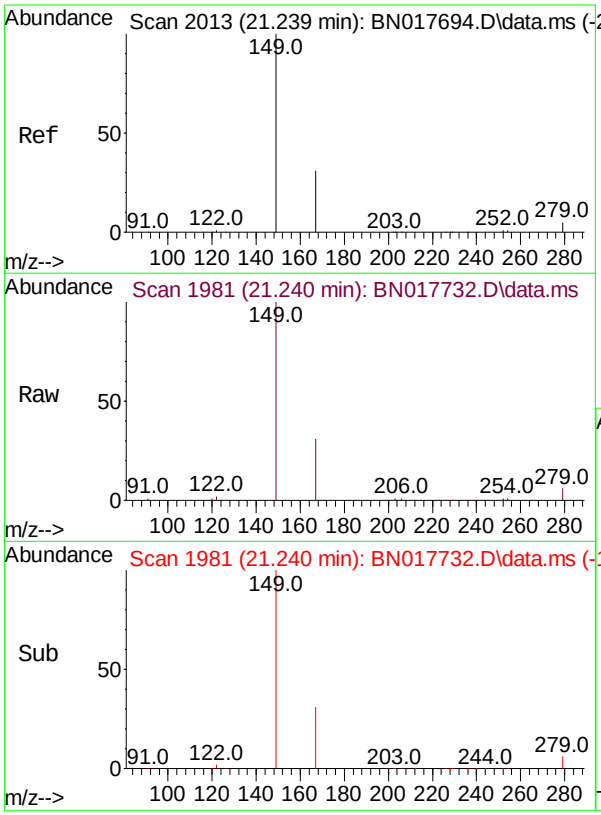
#23
Chrysene
Concen: 0.397 ng
RT: 21.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:228 Resp: 96806

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.3	34.9
229	19.5	15.6	23.4

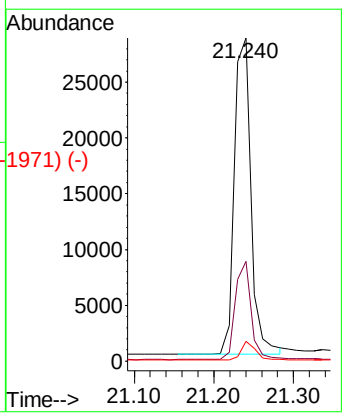


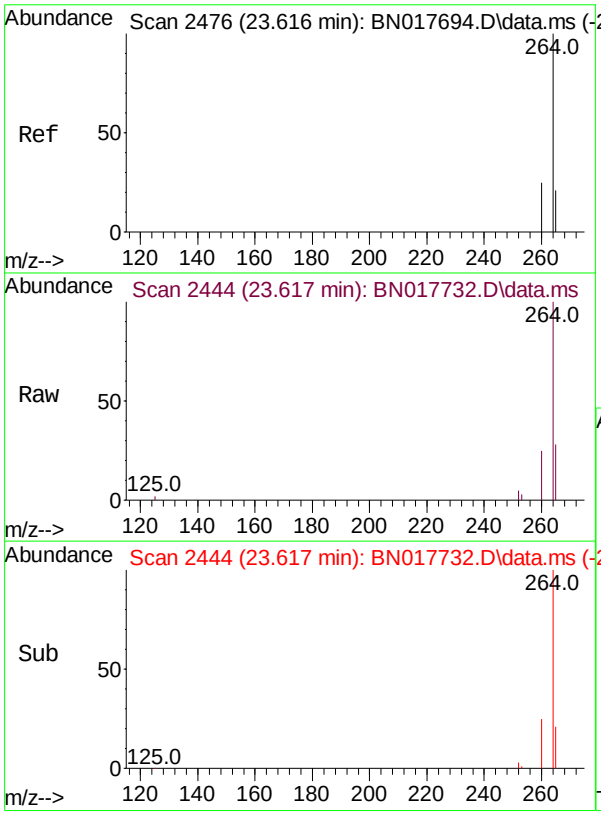


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.345 ng
RT: 21.240 min Scan# 1981
Delta R.T. 0.010 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:149 Resp: 41568

Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.8	32.6
279	5.1	3.4	5.0#



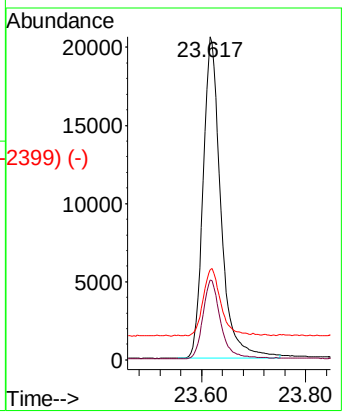


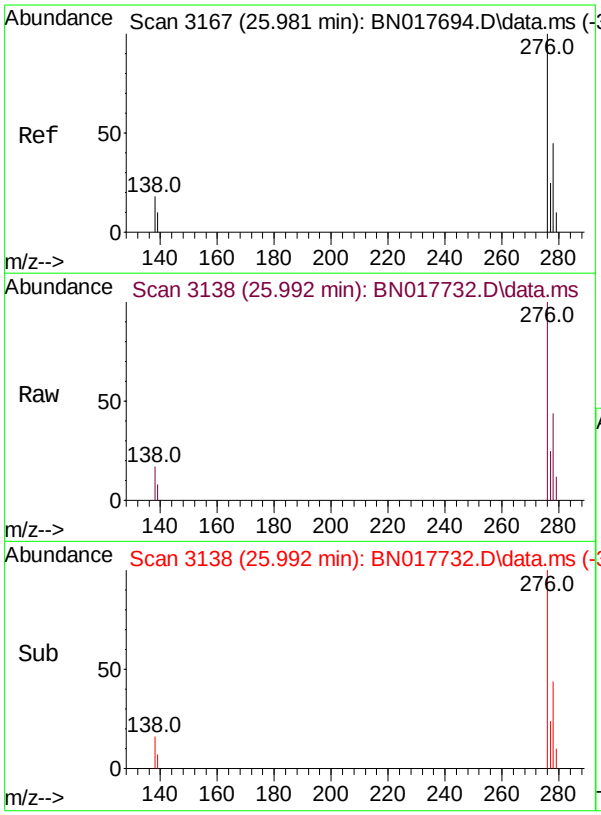
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.617 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:264 Resp: 48789

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	27.9	18.6	28.0

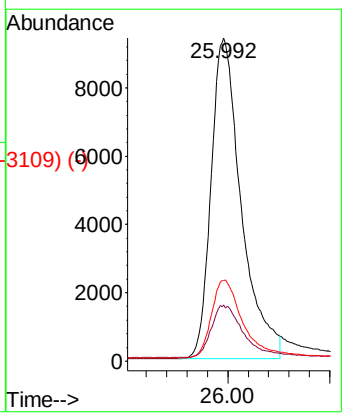


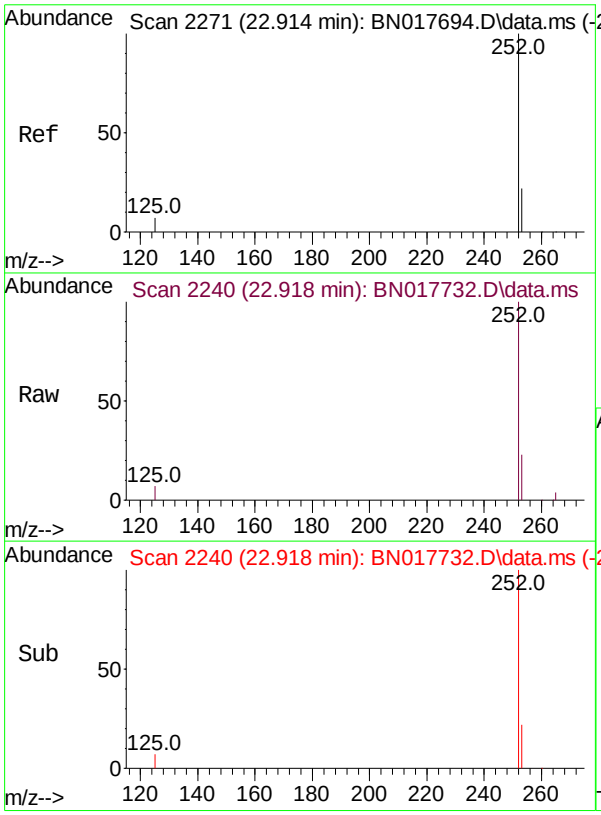


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 25.992 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:276 Resp: 38417

Ion	Ratio	Lower	Upper
276	100		
138	17.3	19.7	29.5#
277	25.0	20.0	30.0



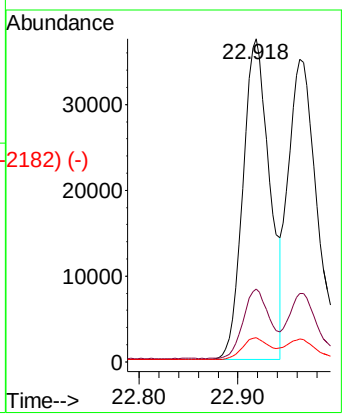


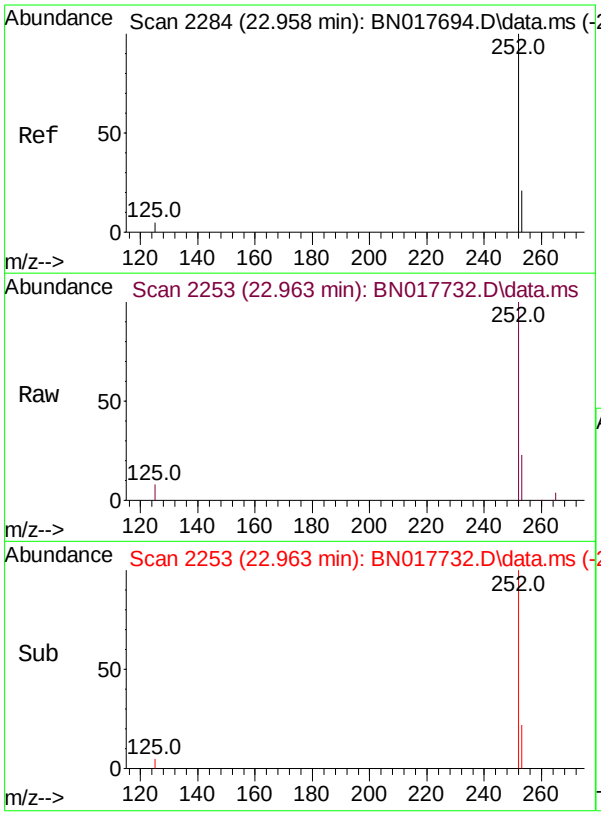
#37
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 22.918 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:252 Resp: 70209

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	7.5	7.8	11.8#

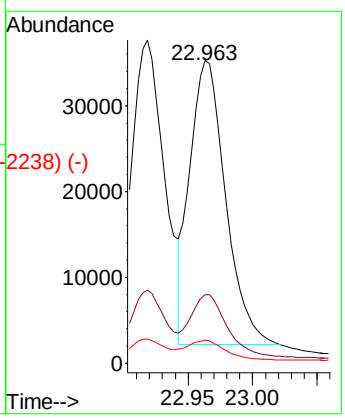


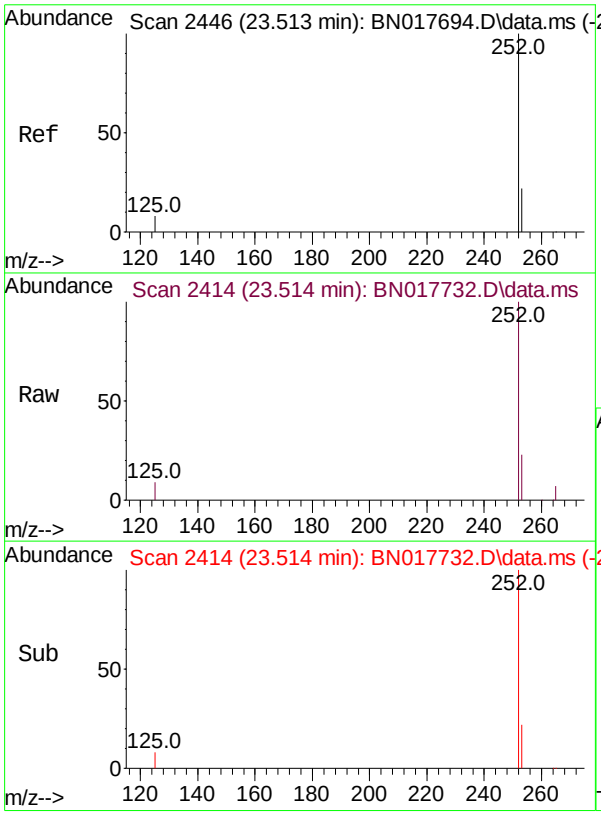


#38
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 22.963 min Scan# 2253
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Tgt Ion:252 Resp: 64122

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	7.6	8.2	12.2#



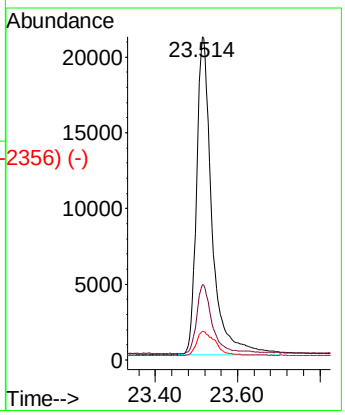


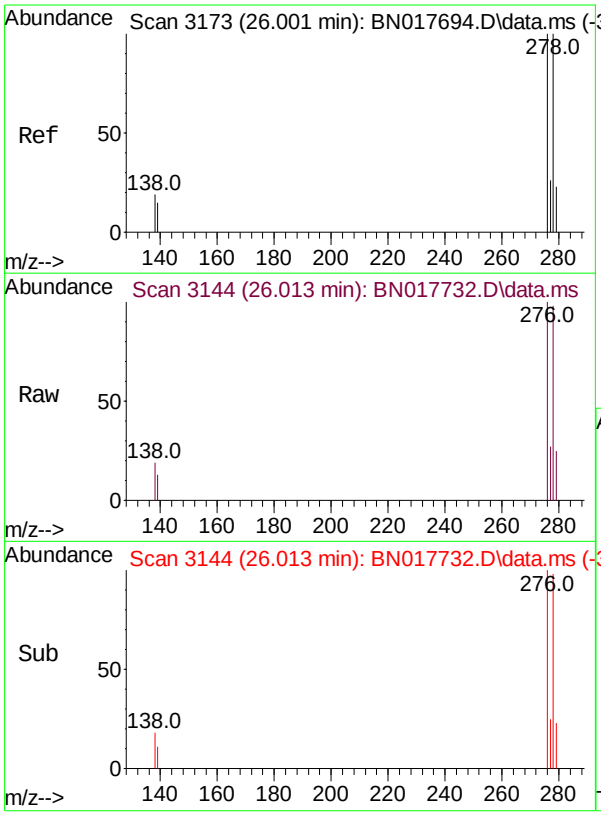
#39
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:252 Resp: 54222

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	8.9	9.2	13.8#

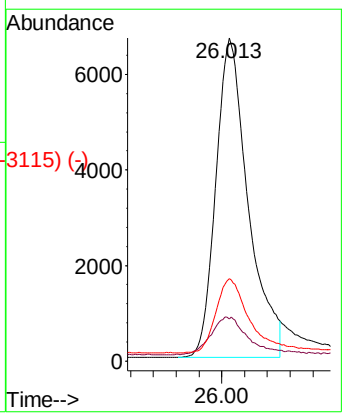


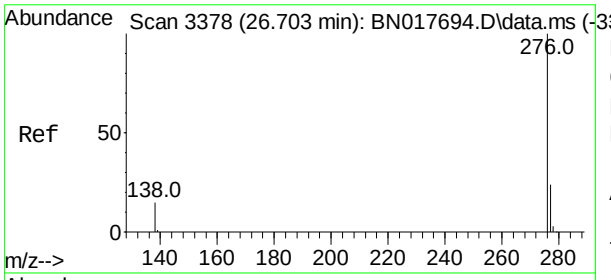


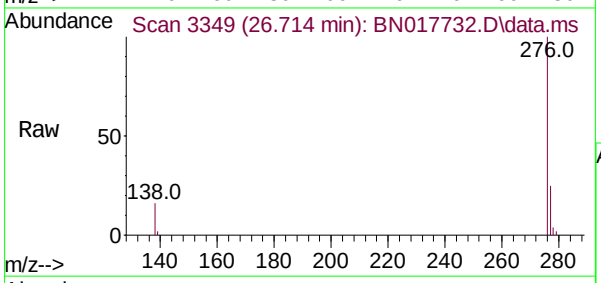
#40
Dibenzo(a,h)anthracene
Concen: 0.367 ng
RT: 26.013 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

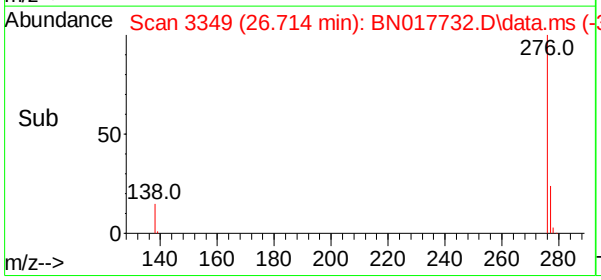
Tgt Ion:278 Resp: 26150

Ion	Ratio	Lower	Upper
278	100		
139	13.1	13.0	19.6
279	25.6	19.2	28.8









#41
Benzo(g,h,i)perylene
Concen: 0.400 ng
RT: 26.714 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN017732.D
Acq: 06 Dec 2021 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN120621

Tgt Ion:276 Resp: 40998

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.4
138	16.1	17.1	25.7#