Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102622\
Data File : BN022333.D
Acq On : 26 Oct 2022 12:51
Operator : CG/JU
Sample : PB148565BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Quant Time: Oct 27 05:58:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 05:55:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.949	152	3786	0.400	ng		0.00
7) Naphthalene-d8	10.773	136	12972	0.400	ng		0.00
13) Acenaphthene-d10	14.610	164	7138	0.400	ng		0.00
19) Phenanthrene-d10	17.375	188	12575	0.400	ng		0.00
29) Chrysene-d12	21.582	240	6800	0.400	ng		0.00
35) Perylene-d12	24.043	264	5542	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.472	112	3749	0.427	ng		0.00
5) Phenol-d6	7.104	99	5018	0.441	ng		0.00
8) Nitrobenzene-d5	9.118	82	4186	0.401	ng		0.00
11) 2-Methylnaphthalene-d10	12.368	152	8510	0.357	ng		0.00
14) 2,4,6-Tribromophenol	16.121	330	904	0.332	ng		0.00
15) 2-Fluorobiphenyl	13.242	172	12029	0.386	ng		0.00
27) Fluoranthene-d10	19.411	212	10552	0.316	ng		0.00
31) Terphenyl-d14	20.006	244	6571	0.481	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.291	88	1814	0.370	ng		96
3) n-Nitrosodimethylamine	3.638	42	2048	0.384	ng	#	97
6) bis(2-Chloroethyl)ether	7.372	93	4838	0.402	ng		98
9) Naphthalene	10.827	128	15093	0.385	ng		99
10) Hexachlorobutadiene	11.104	225	2572	0.379	ng	#	99
12) 2-Methylnaphthalene	12.081	142	2699	0.465	ng	#	95
16) Acenaphthylene	14.332	152	13075	0.385	ng		100
17) Acenaphthene	14.675	154	9114	0.382	ng		99
18) Fluorene	15.669	166	12082	0.420	ng		99
20) 4,6-Dinitro-2-methylph...	15.774	198	321	0.322	ng		96
21) 4-Bromophenyl-phenylether	16.556	248	3184	0.416	ng	#	89
22) Hexachlorobenzene	16.680	284	3805	0.399	ng		100
23) Atrazine	16.829	200	2155	0.379	ng		95
24) Pentachlorophenol	17.027	266	883	0.302	ng		98
25) Phenanthrene	17.412	178	16526	0.382	ng		100
26) Anthracene	17.511	178	13062	0.376	ng		100
28) Fluoranthene	19.441	202	14323	0.309	ng		100
30) Pyrene	19.808	202	13920	0.466	ng		99
32) Benzo(a)anthracene	21.564	228	9832	0.385	ng		99
33) Chrysene	21.618	228	11031	0.389	ng		100
34) Bis(2-ethylhexyl)phtha...	21.475	149	5526	0.450	ng		99
36) Indeno(1,2,3-cd)pyrene	26.631	276	10911	0.390	ng		99
37) Benzo(b)fluoranthene	23.283	252	9679	0.368	ng		98
38) Benzo(k)fluoranthene	23.333	252	9642	0.369	ng		98
39) Benzo(a)pyrene	23.932	252	7616	0.380	ng		98
40) Dibenzo(a,h)anthracene	26.648	278	8636	0.387	ng		99
41) Benzo(g,h,i)perylene	27.423	276	9446	0.392	ng		98

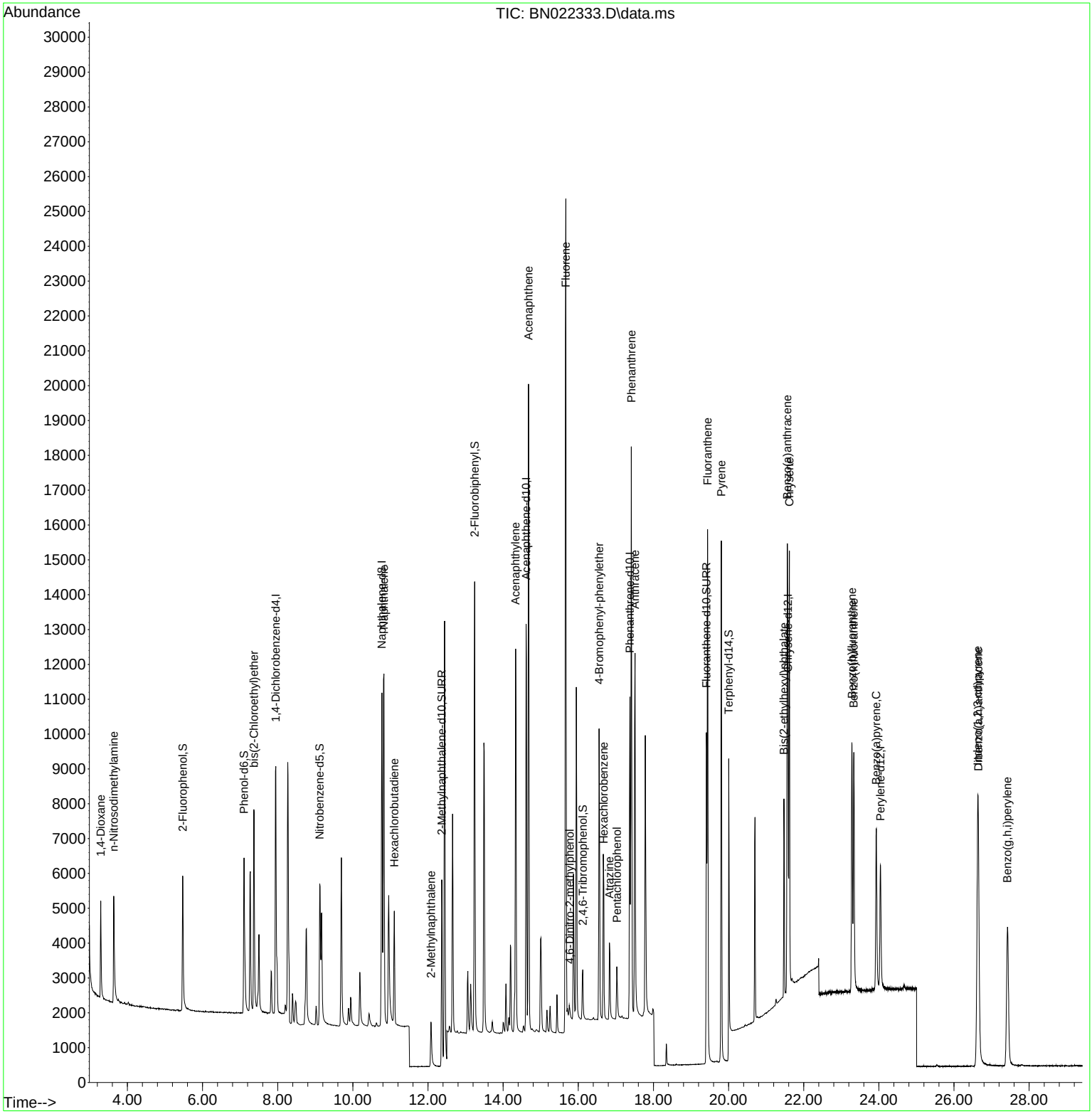
(#) = qualifier out of range (m) = manual integration (+) = signals summed

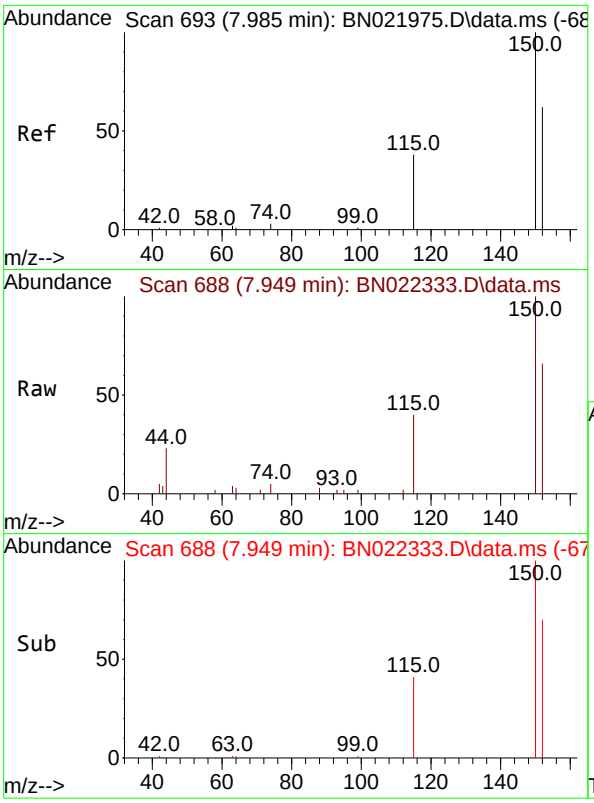
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102622\
Data File : BN022333.D
Acq On : 26 Oct 2022 12:51
Operator : CG/JU
Sample : PB148565BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Quant Time: Oct 27 05:58:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 05:55:40 2022
Response via : Initial Calibration



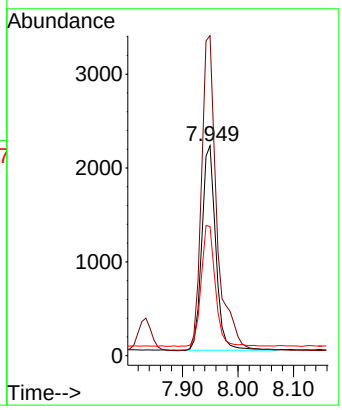


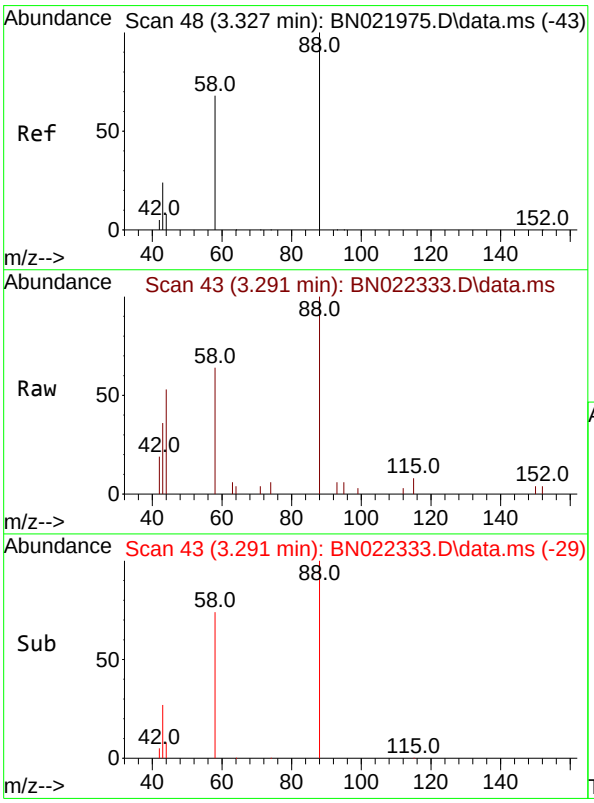
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.949 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:152 Resp: 3786

Ion	Ratio	Lower	Upper
152	100		
150	152.4	127.2	190.8
115	61.5	51.4	77.0

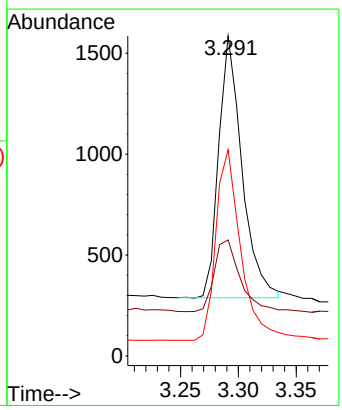


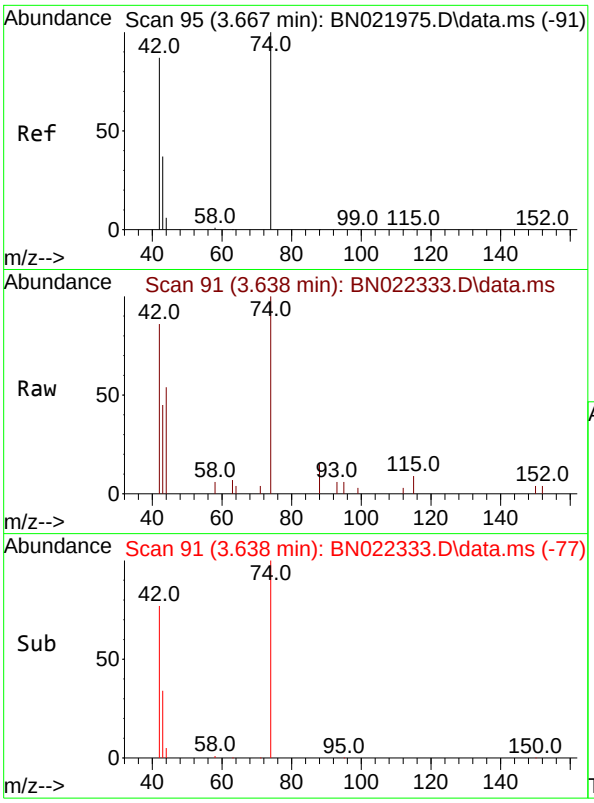


#2
1,4-Dioxane
Concen: 0.370 ng
RT: 3.291 min Scan# 43
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion: 88 Resp: 1814

Ion	Ratio	Lower	Upper
88	100		
43	30.4	22.6	34.0
58	77.2	58.6	88.0



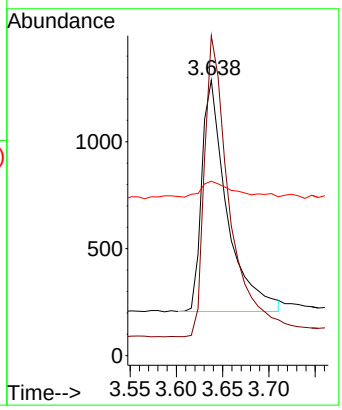


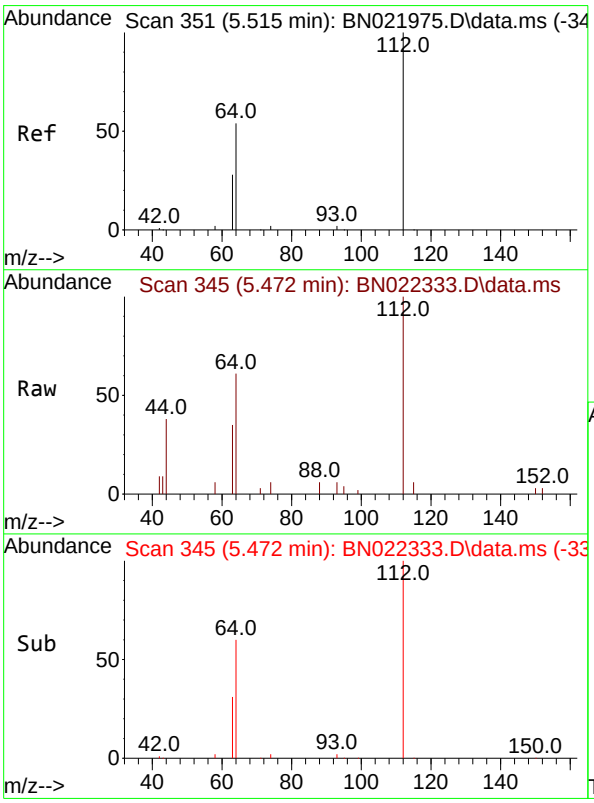
#3
n-Nitrosodimethylamine
Concen: 0.384 ng
RT: 3.638 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion: 42 Resp: 2048

Ion	Ratio	Lower	Upper
42	100		
74	130.3	101.6	152.4
44	9.4	10.4	15.6#

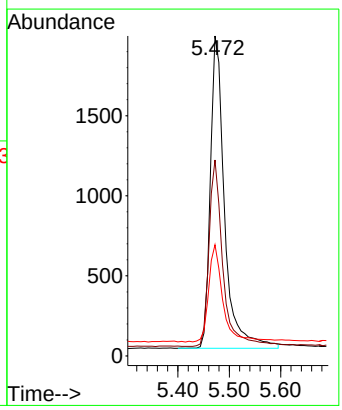


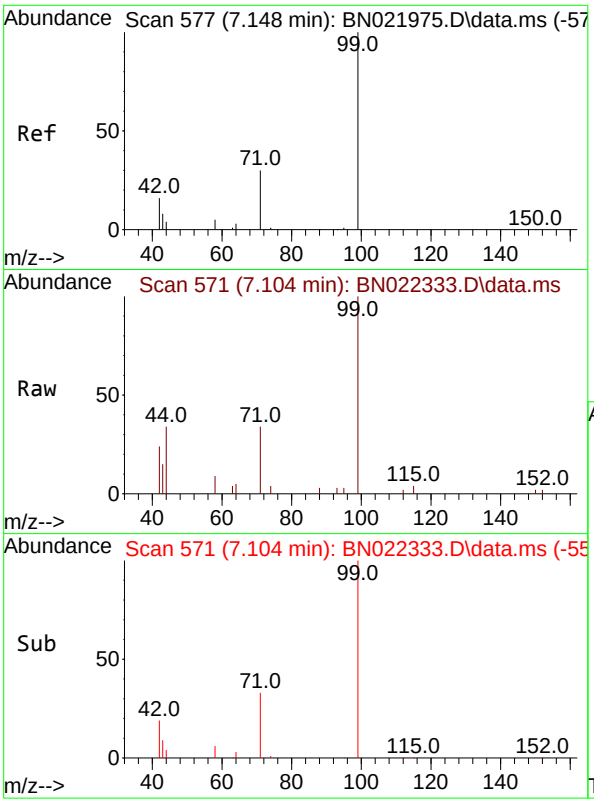


#4
2-Fluorophenol
Concen: 0.427 ng
RT: 5.472 min Scan# 345
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:112 Resp: 3749

Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.9	70.3
63	31.4	24.6	37.0



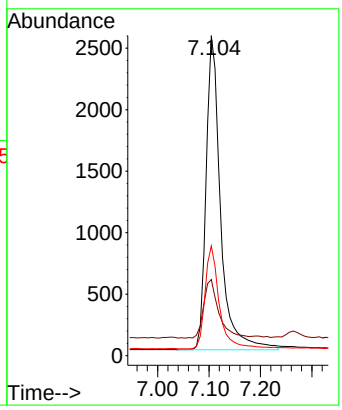


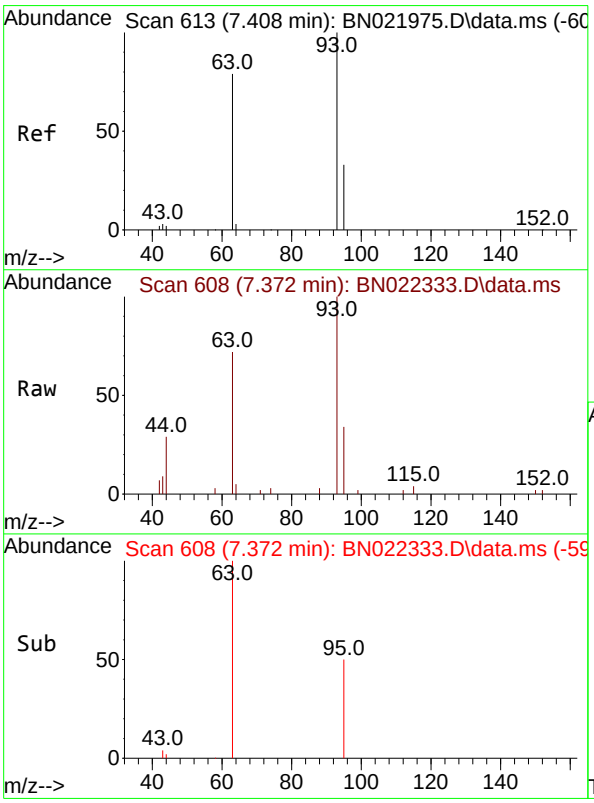
#5
Phenol-d6
Concen: 0.441 ng
RT: 7.104 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion: 99 Resp: 5018

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.9	23.9
71	32.5	25.6	38.4

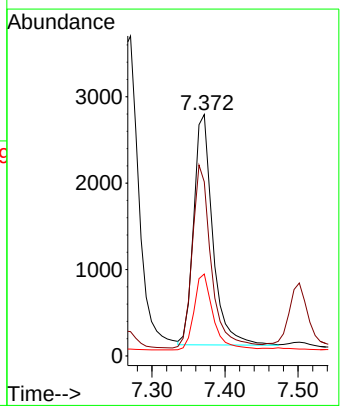


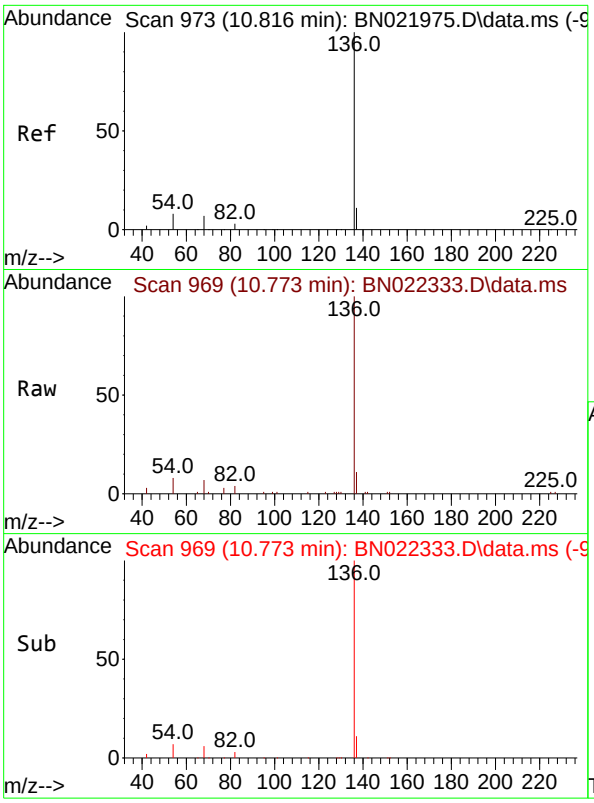


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.372 min Scan# 608
Delta R.T. 0.007 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion: 93 Resp: 4838

Ion	Ratio	Lower	Upper
93	100		
63	79.0	64.8	97.2
95	32.9	26.6	40.0



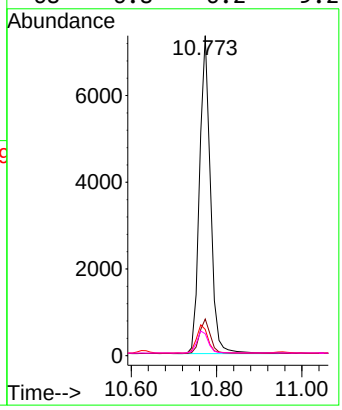


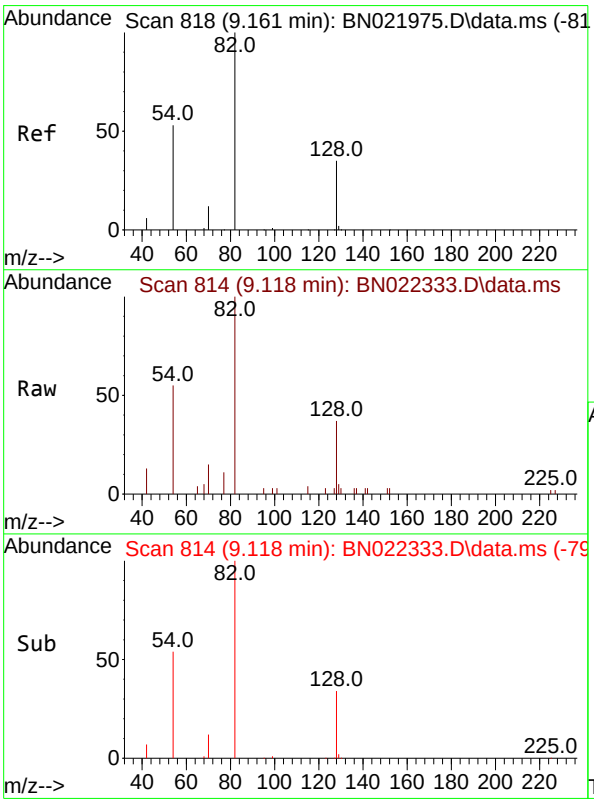
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.773 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:136 Resp: 12972

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.2	7.1	10.7
68	6.8	6.2	9.2

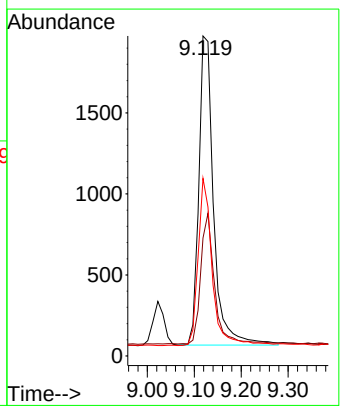


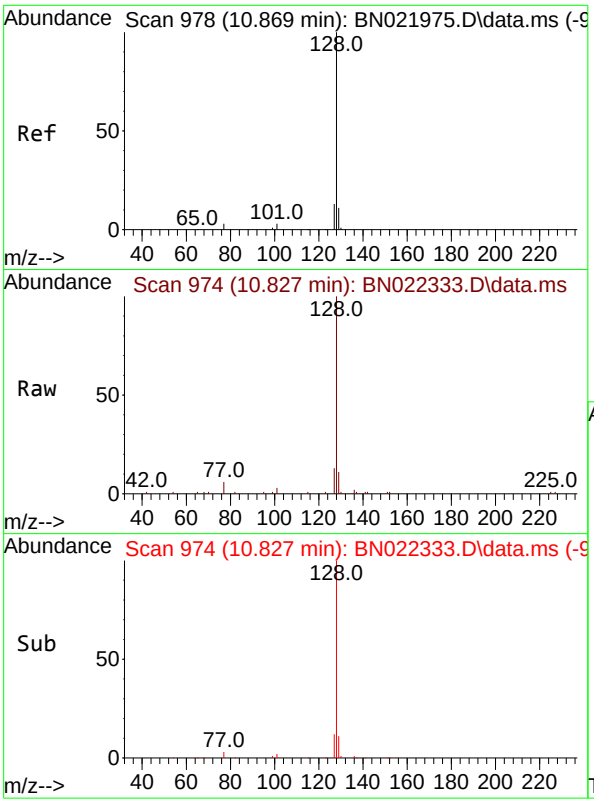


#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 9.118 min Scan# 814
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion: 82 Resp: 4186

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.9	44.9
54	55.5	43.5	65.3



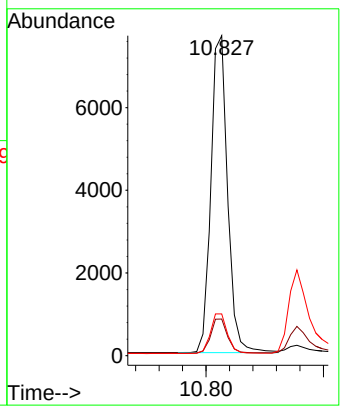


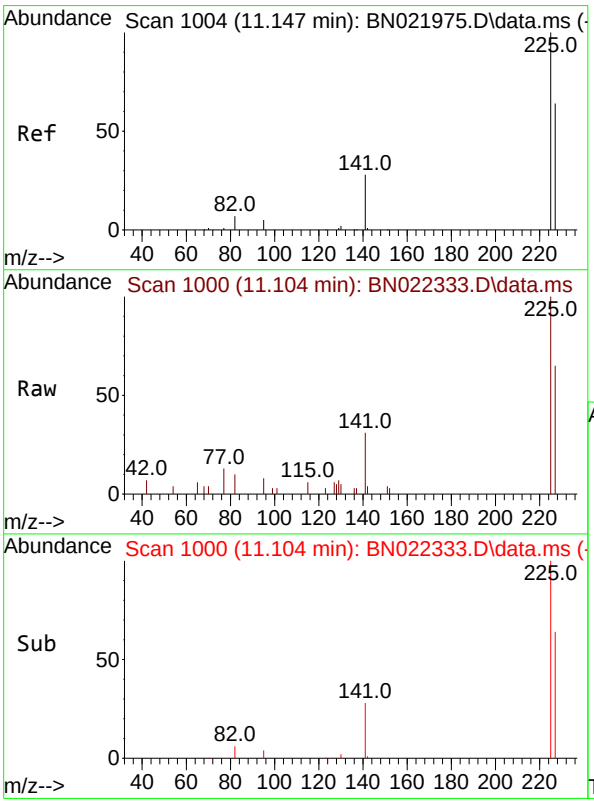
#9
Naphthalene
Concen: 0.385 ng
RT: 10.827 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:128 Resp: 15093

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.0	10.6	16.0

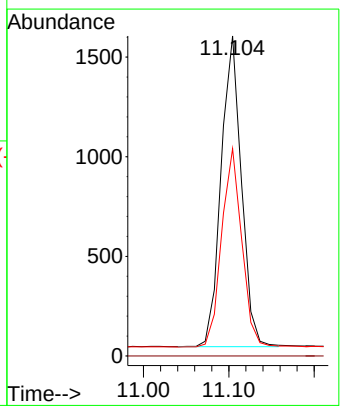


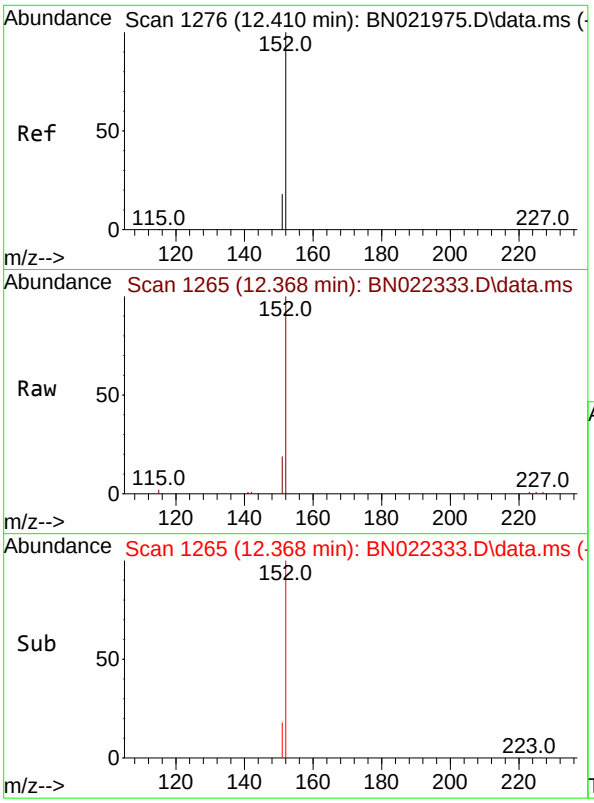


#10
Hexachlorobutadiene
Concen: 0.379 ng
RT: 11.104 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:225 Resp: 2572

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.3	76.9



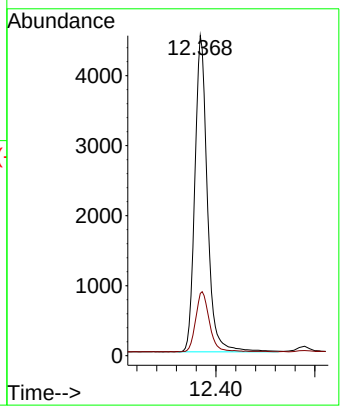


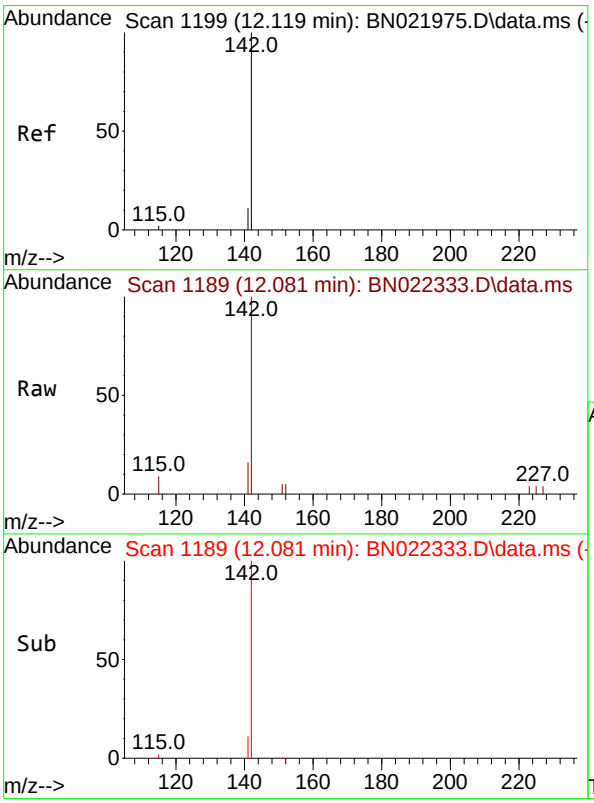
#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.368 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:152 Resp: 8510

Ion	Ratio	Lower	Upper
152	100		
151	19.3	13.8	20.6

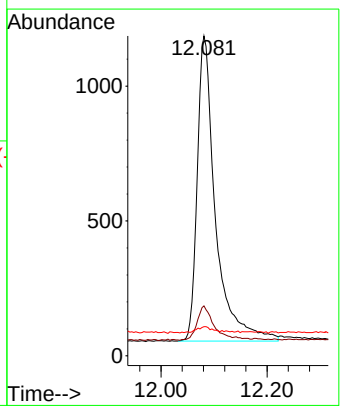


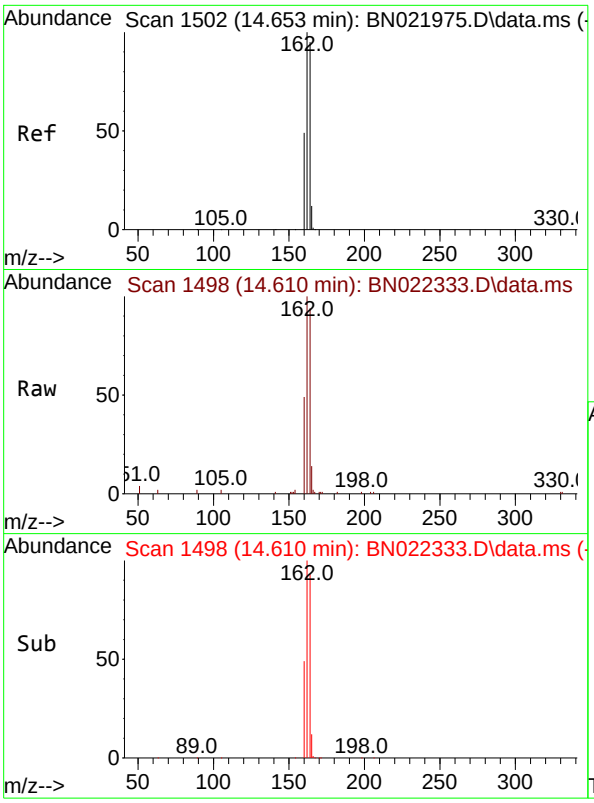


#12
2-Methylnaphthalene
Concen: 0.465 ng
RT: 12.081 min Scan# 1189
Delta R.T. 0.004 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:142 Resp: 2699

Ion	Ratio	Lower	Upper
142	100		
141	15.6	13.6	20.4
115	9.1	9.7	14.5#



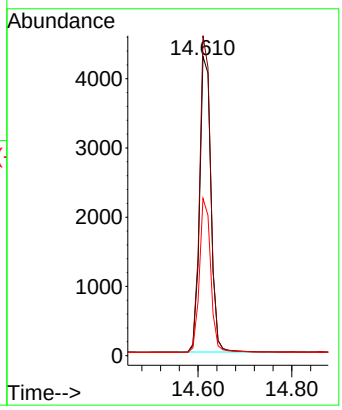


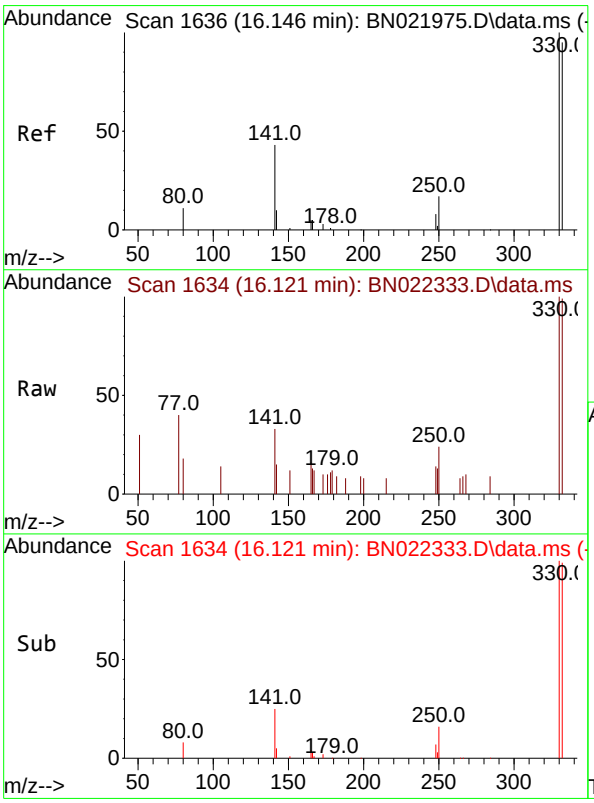
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.610 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:164 Resp: 7138

Ion	Ratio	Lower	Upper
164	100		
162	106.9	84.3	126.5
160	52.5	41.7	62.5

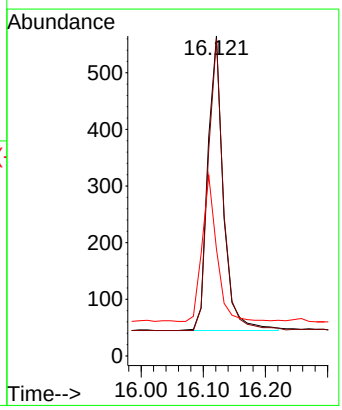


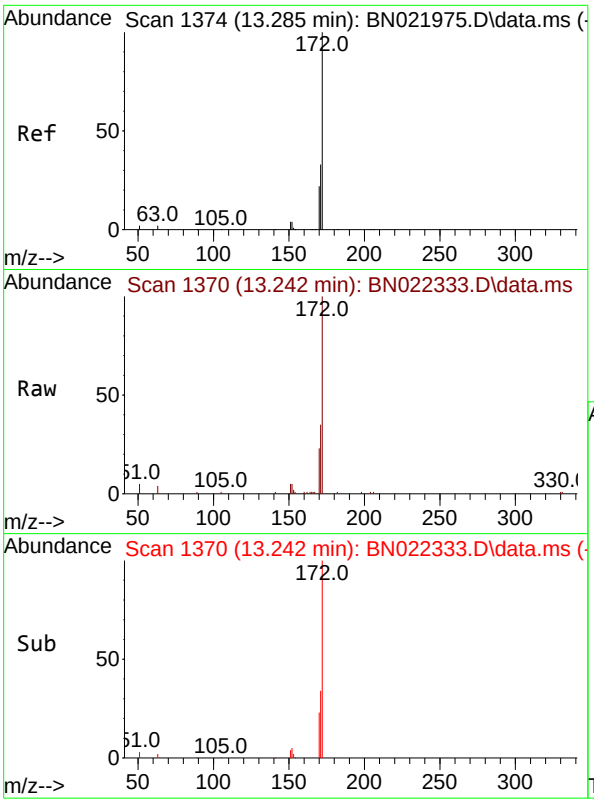


#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 16.121 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:330 Resp: 904

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.4
141	47.0	35.3	52.9



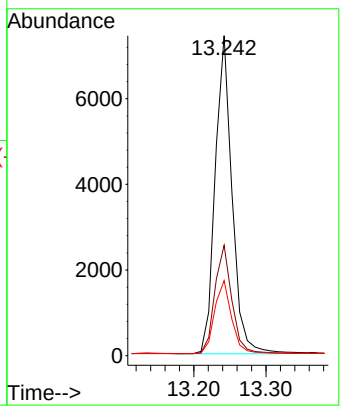


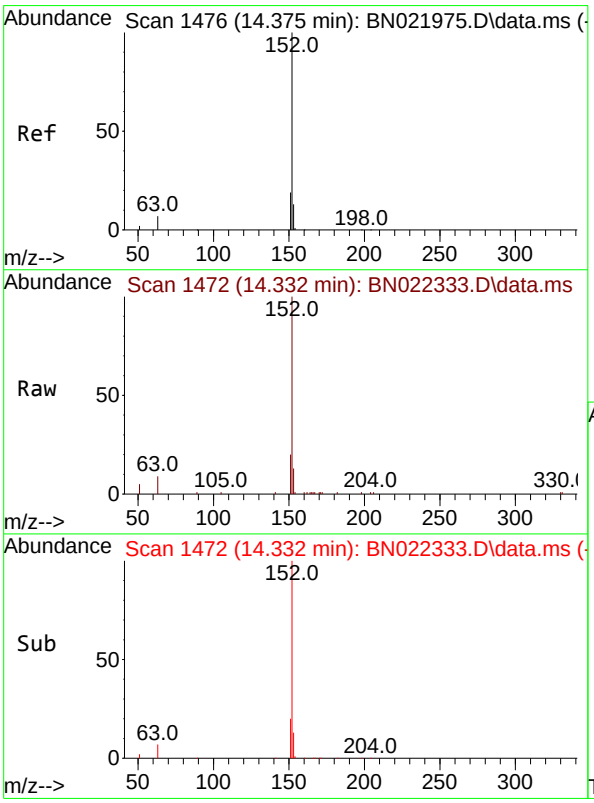
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.242 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:172 Resp: 12029

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.2	40.8
170	23.5	18.3	27.5

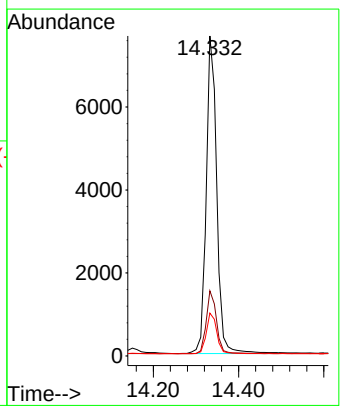


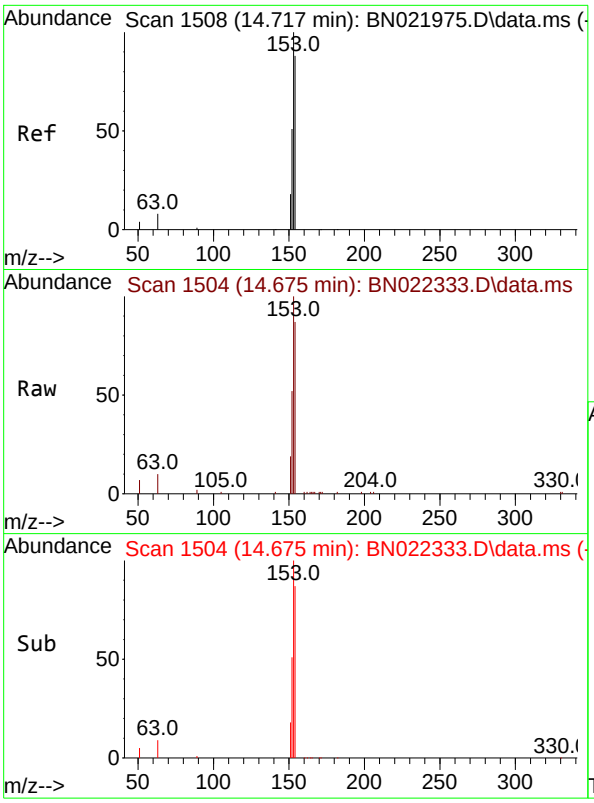


#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.332 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:152 Resp: 13075

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.1	10.4	15.6



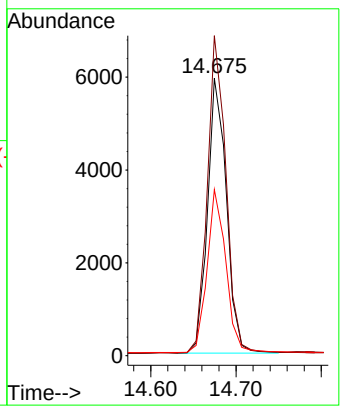


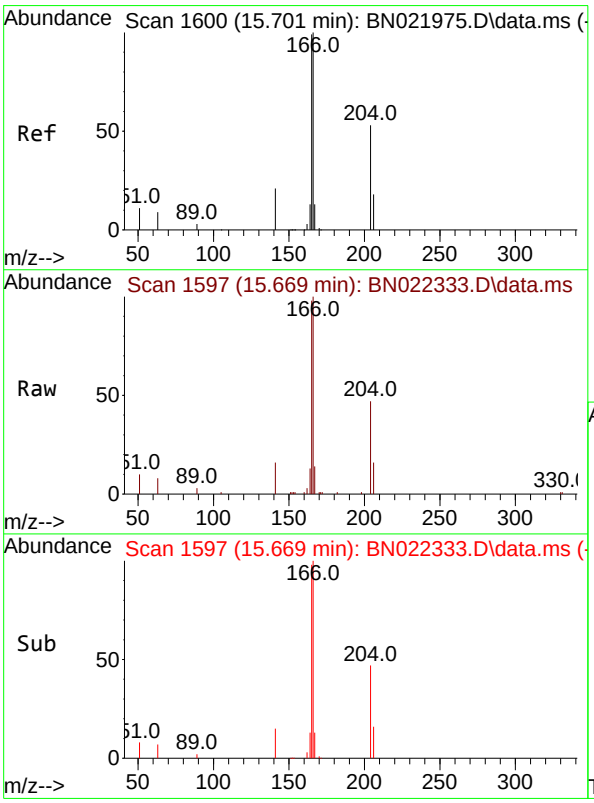
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.675 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:154 Resp: 9114

Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.1	138.1
152	59.2	47.8	71.6

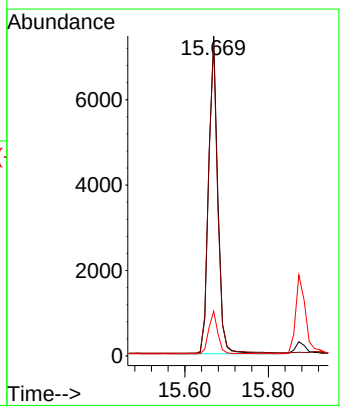


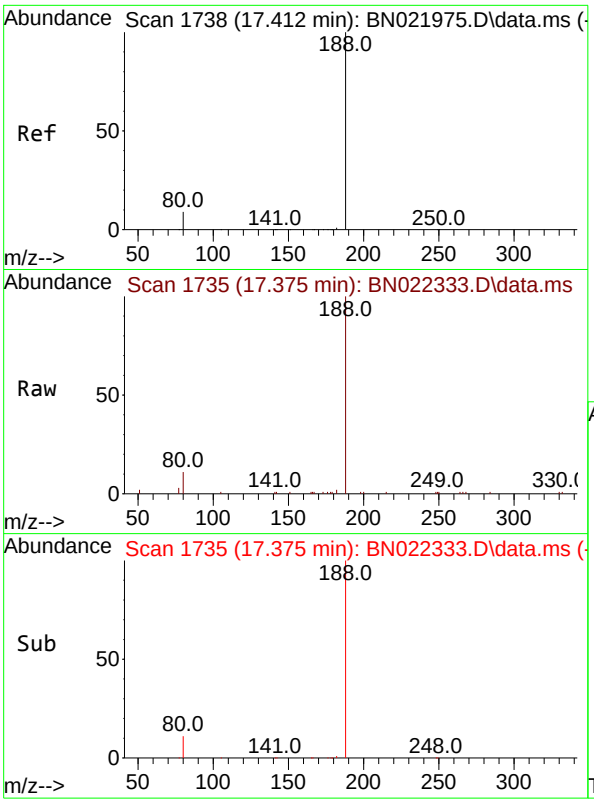


#18
Fluorene
Concen: 0.420 ng
RT: 15.669 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:166 Resp: 12082

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.0	120.0
167	13.6	10.9	16.3



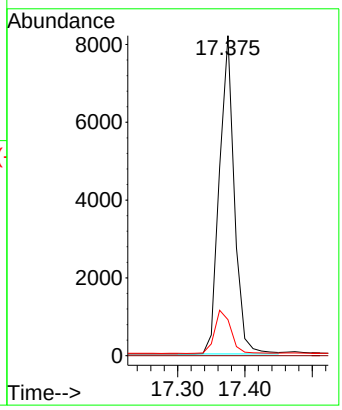


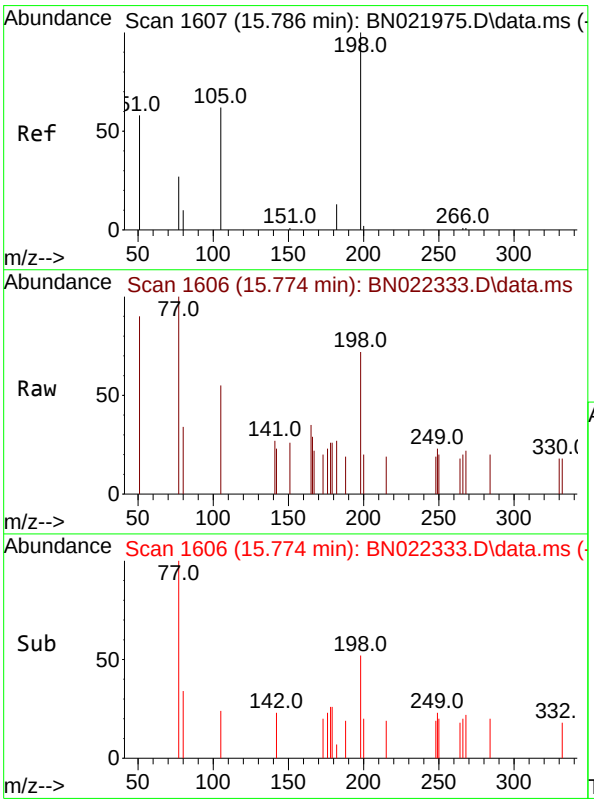
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:188 Resp: 12575

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	7.5	11.3

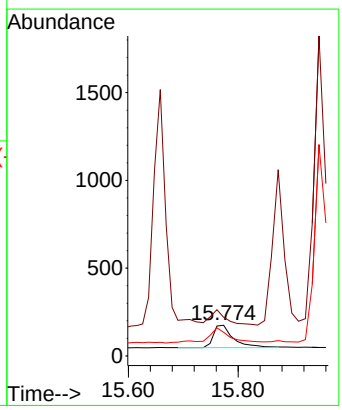


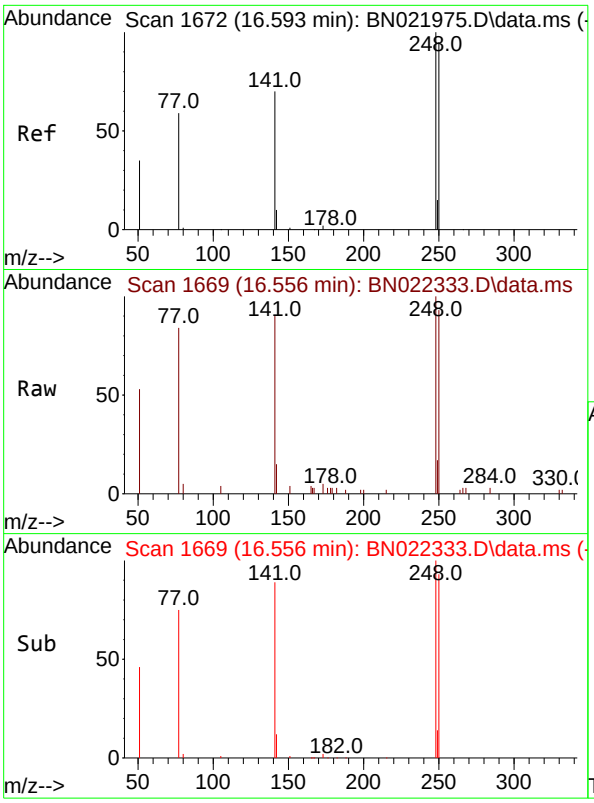


#20
4,6-Dinitro-2-methylphenol
Concen: 0.322 ng
RT: 15.774 min Scan# 1606
Delta R.T. 0.012 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:198 Resp: 321

Ion	Ratio	Lower	Upper
198	100		
51	125.7	96.6	144.8
105	77.1	64.4	96.6



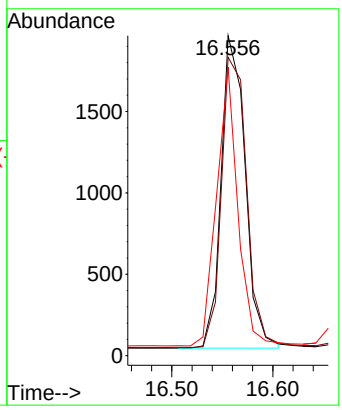


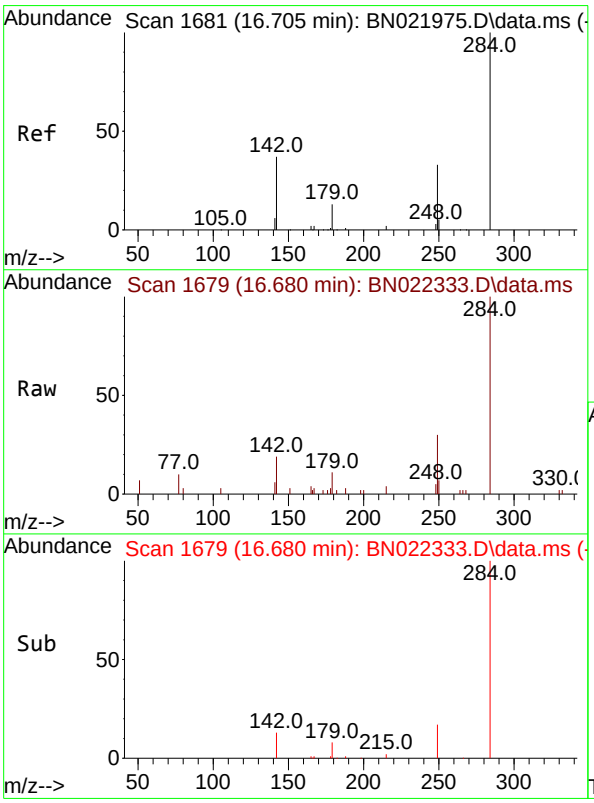
#21
4-Bromophenyl-phenylether
Concen: 0.416 ng
RT: 16.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:248 Resp: 3184

Ion	Ratio	Lower	Upper
248	100		
250	93.2	76.6	114.8
141	90.1	57.5	86.3#

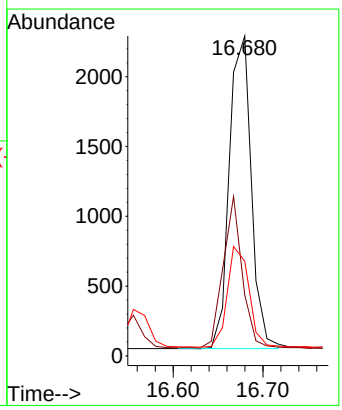


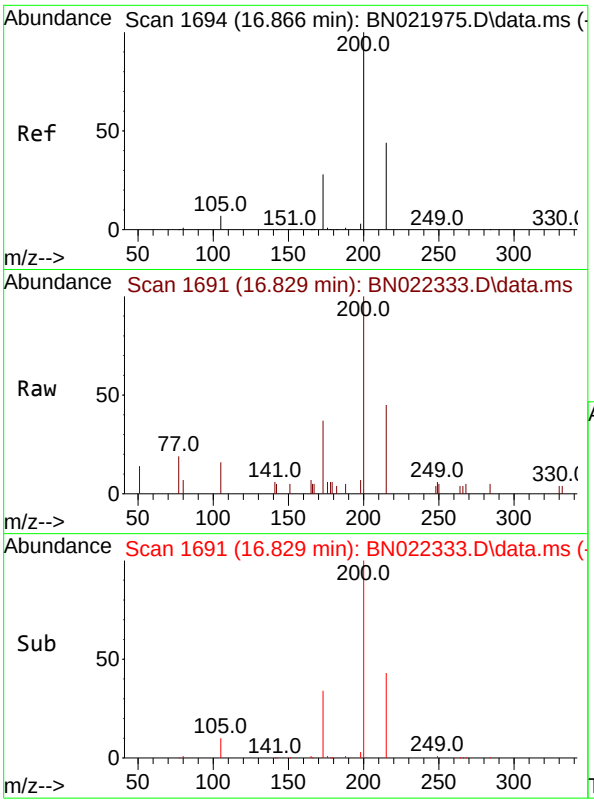


#22
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.680 min Scan# 1679
Delta R.T. 0.012 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:284 Resp: 3805

Ion	Ratio	Lower	Upper
284	100		
142	41.8	33.4	50.0
249	31.6	25.1	37.7



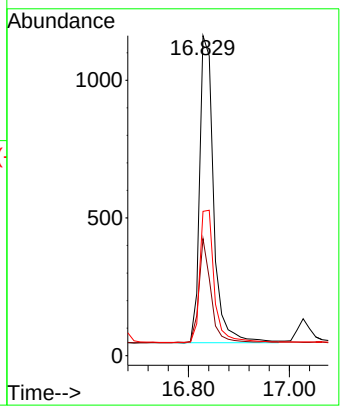


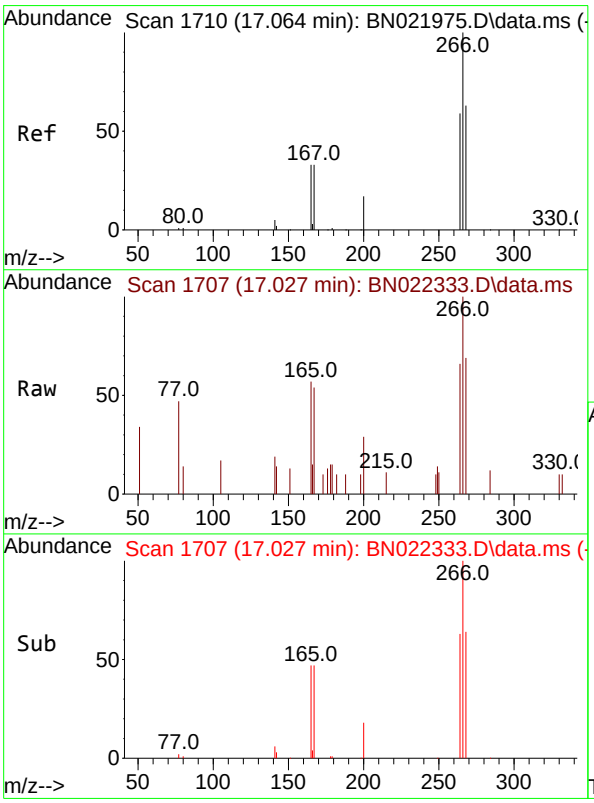
#23
Atrazine
Concen: 0.379 ng
RT: 16.829 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:200 Resp: 2155

Ion	Ratio	Lower	Upper
200	100		
173	36.6	24.6	36.8
215	45.1	37.1	55.7

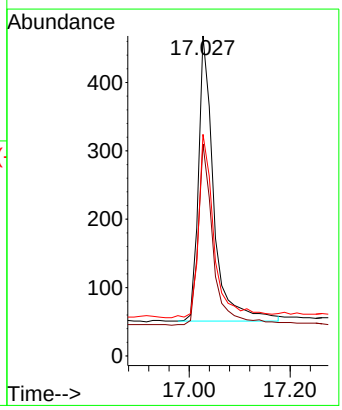


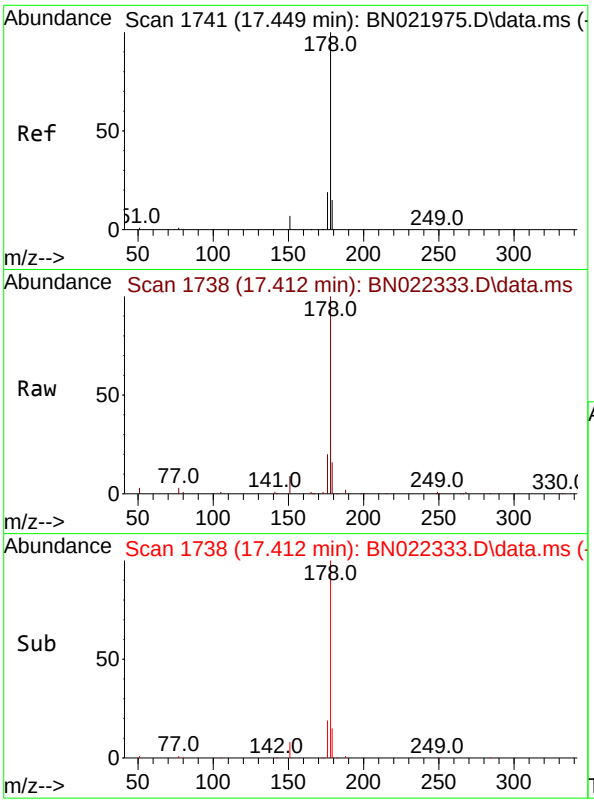


#24
Pentachlorophenol
Concen: 0.302 ng
RT: 17.027 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:266 Resp: 883

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.8	74.6
268	64.9	49.6	74.4



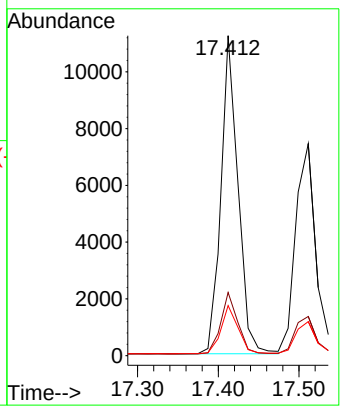


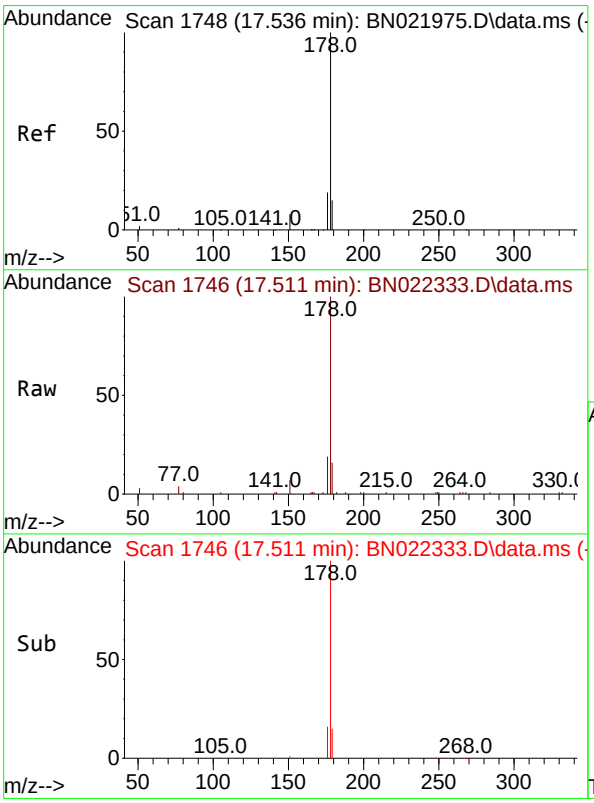
#25
Phenanthrene
Concen: 0.382 ng
RT: 17.412 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:178 Resp: 16526

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.3	12.2	18.2

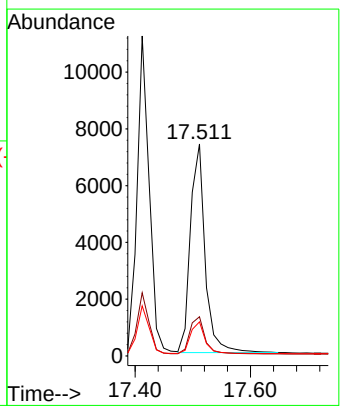


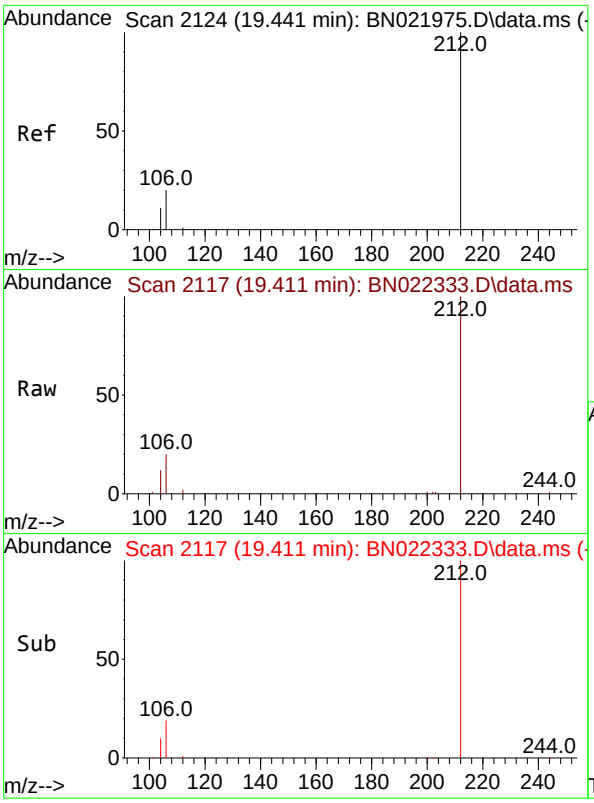


#26
Anthracene
Concen: 0.376 ng
RT: 17.511 min Scan# 1746
Delta R.T. 0.012 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:178 Resp: 13062

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.0	12.2	18.2



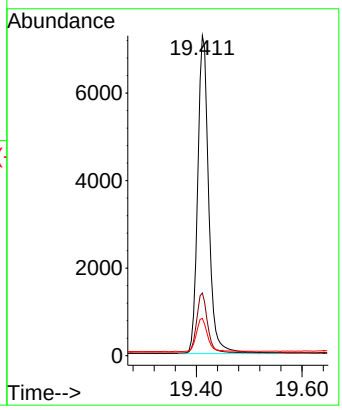


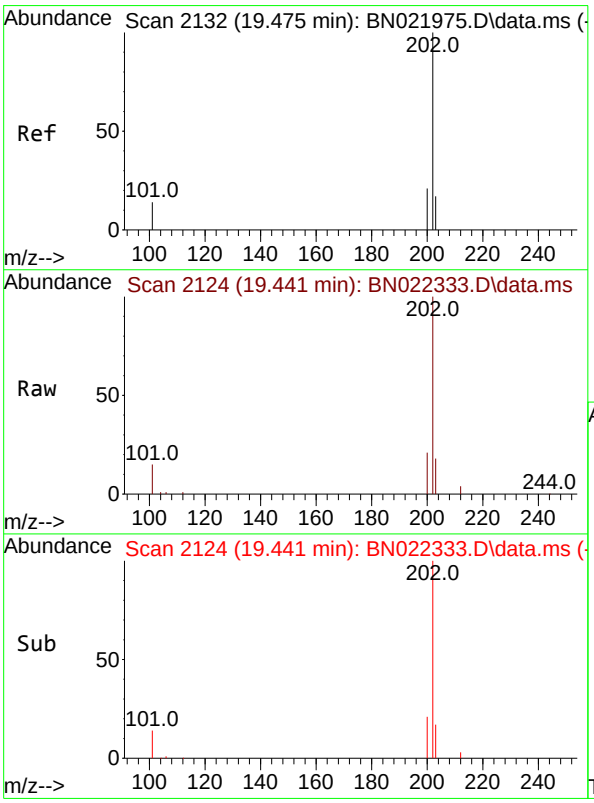
#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.411 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:212 Resp: 10552

Ion	Ratio	Lower	Upper
212	100		
106	18.9	15.2	22.8
104	10.6	8.6	13.0

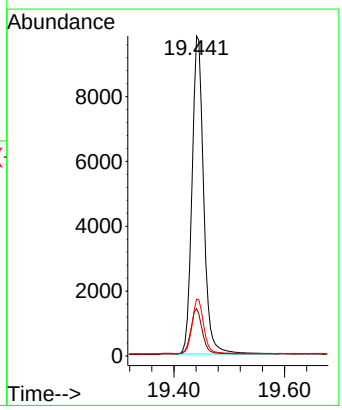


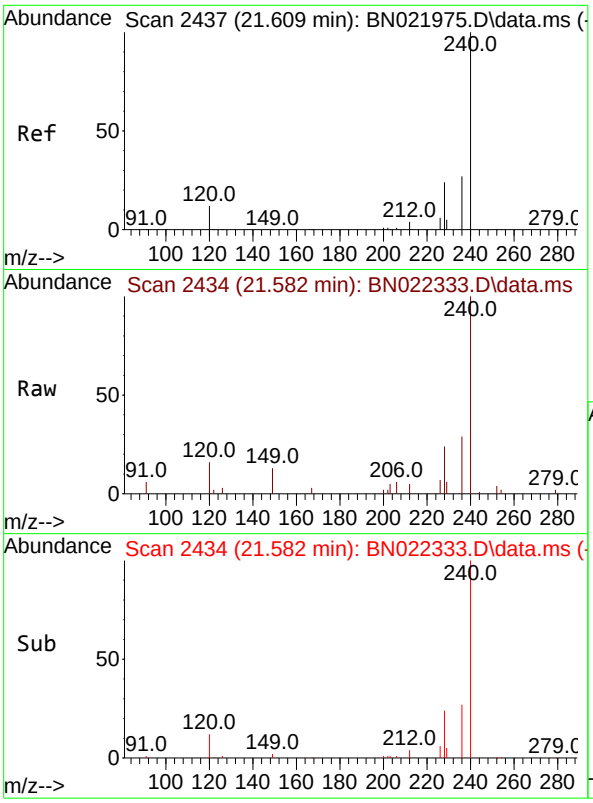


#28
Fluoranthene
Concen: 0.309 ng
RT: 19.441 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:202 Resp: 14323

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.4	17.0
203	17.0	13.5	20.3



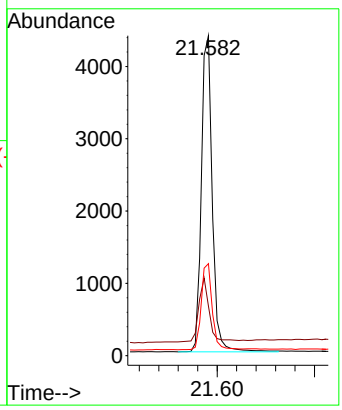


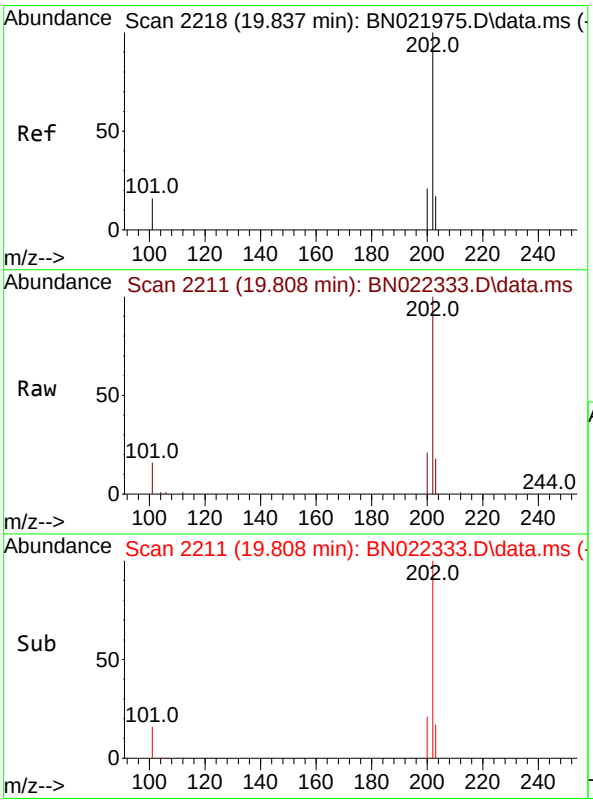
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.582 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:240 Resp: 6800

Ion	Ratio	Lower	Upper
240	100		
120	15.5	11.8	17.6
236	28.7	22.4	33.6

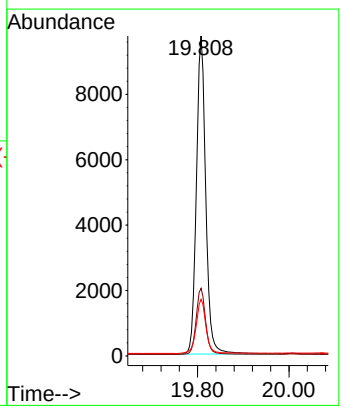


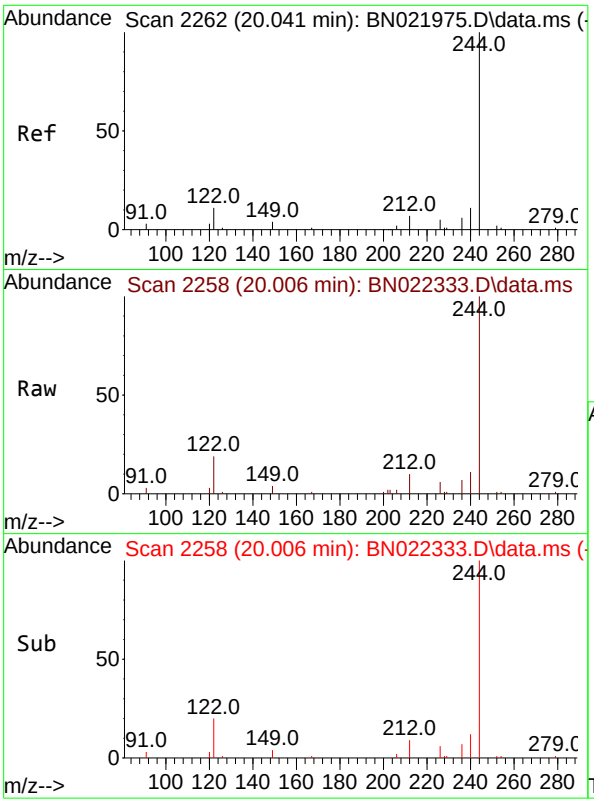


#30
Pyrene
Concen: 0.466 ng
RT: 19.808 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:202 Resp: 13920

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	18.0	14.1	21.1



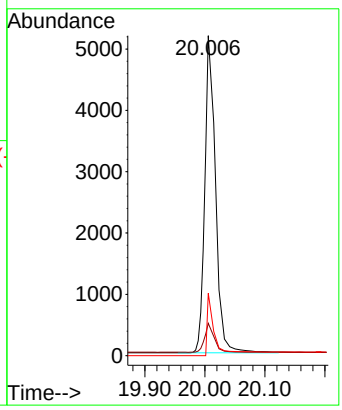


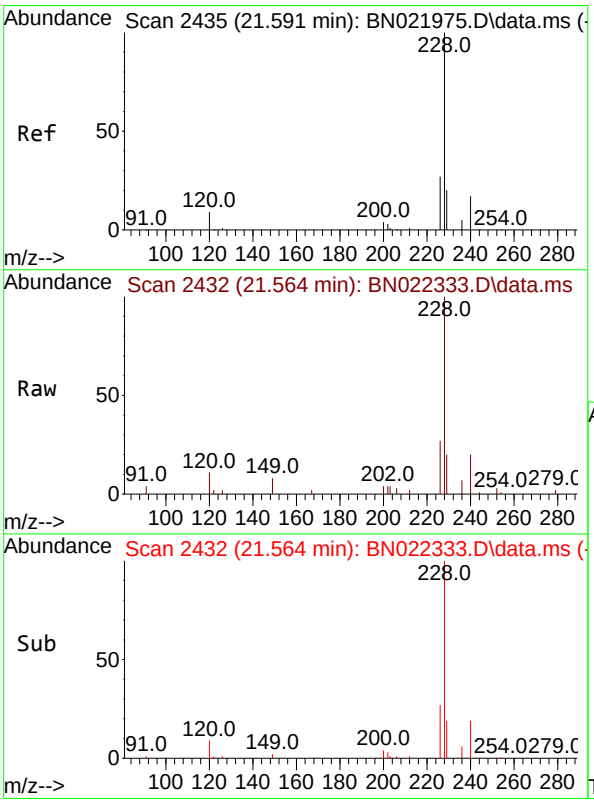
#31
Terphenyl-d14
Concen: 0.481 ng
RT: 20.006 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:244 Resp: 6571

Ion	Ratio	Lower	Upper
244	100		
212	10.1	6.5	9.7#
122	19.5	9.1	13.7#

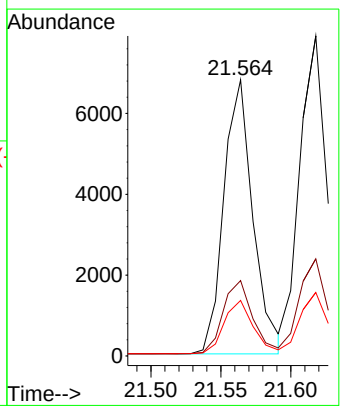


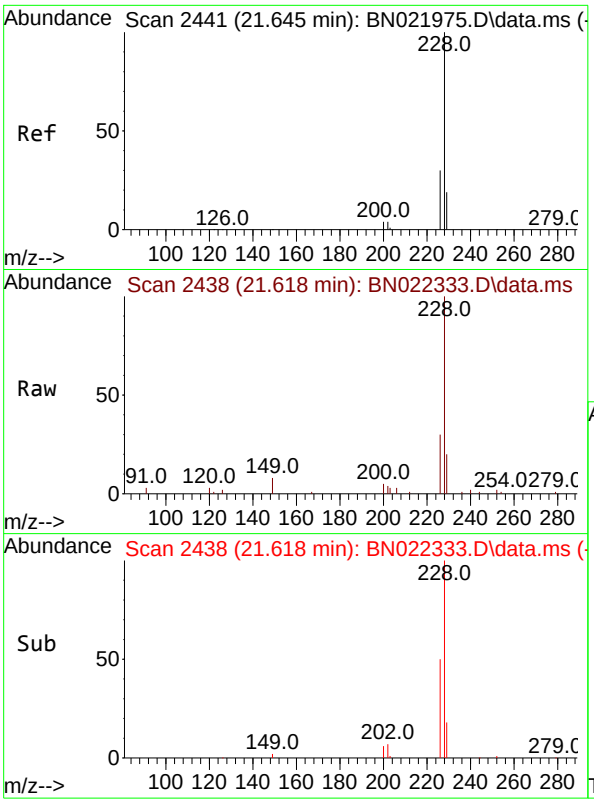


#32
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.564 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:228 Resp: 9832

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.4
229	20.1	16.2	24.2



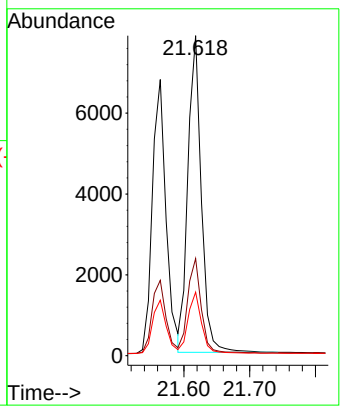


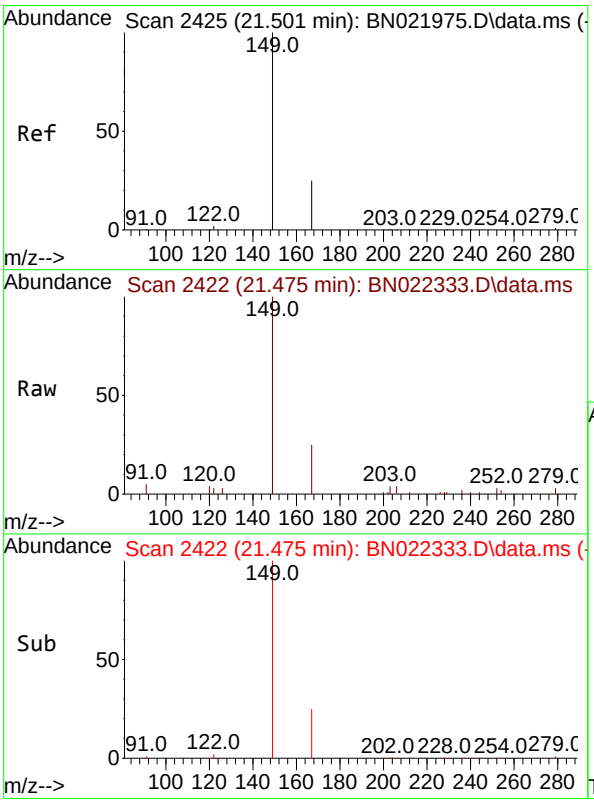
#33
Chrysene
Concen: 0.389 ng
RT: 21.618 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:228 Resp: 11031

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	19.9	15.8	23.6

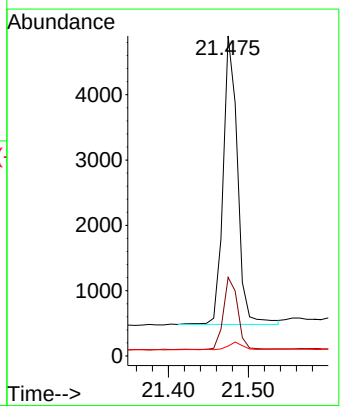


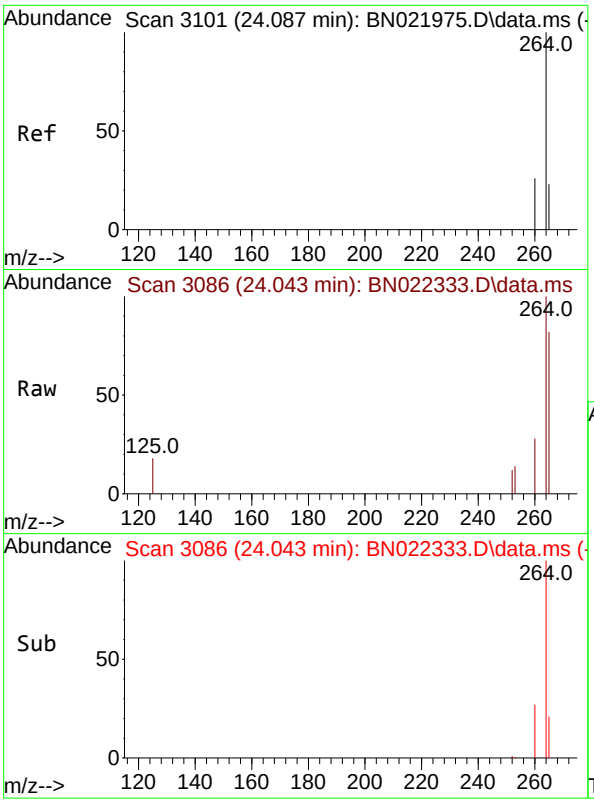


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.450 ng
RT: 21.475 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:149 Resp: 5526

Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.2	30.4
279	2.8	2.3	3.5



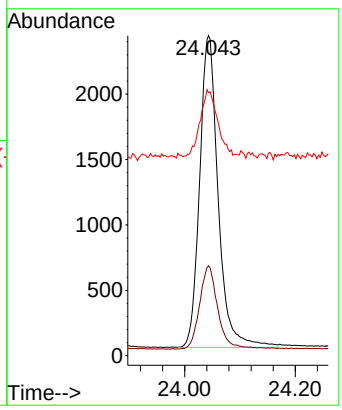


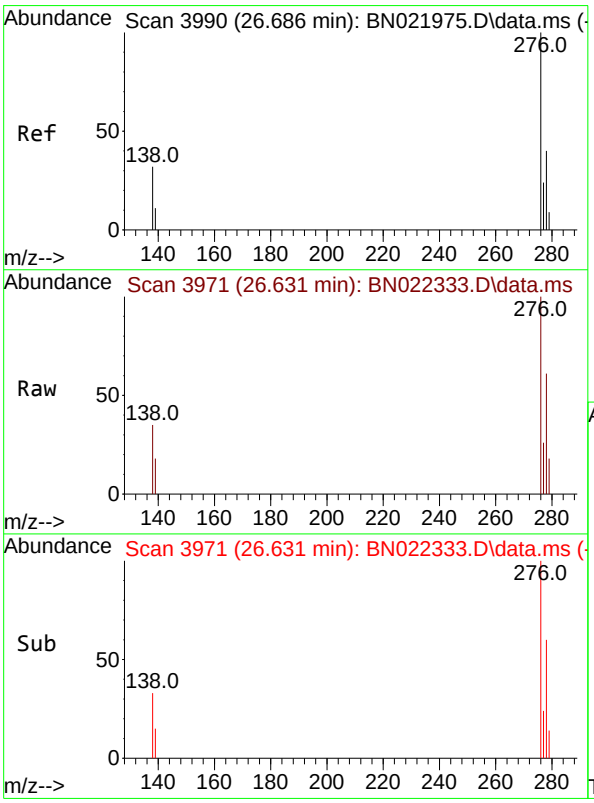
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.043 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:264 Resp: 5542

Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.3	31.9
265	82.2	63.0	94.4

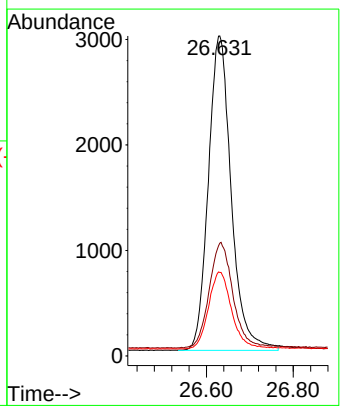


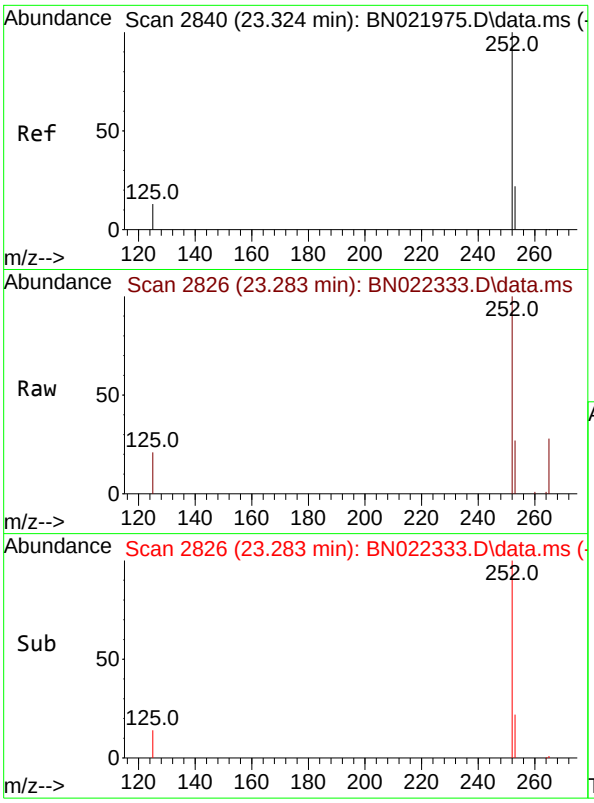


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 26.631 min Scan# 3971
Delta R.T. 0.006 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:276 Resp: 10911

Ion	Ratio	Lower	Upper
276	100		
138	34.6	28.0	42.0
277	24.6	19.8	29.8



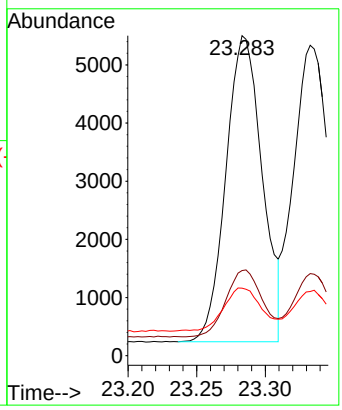


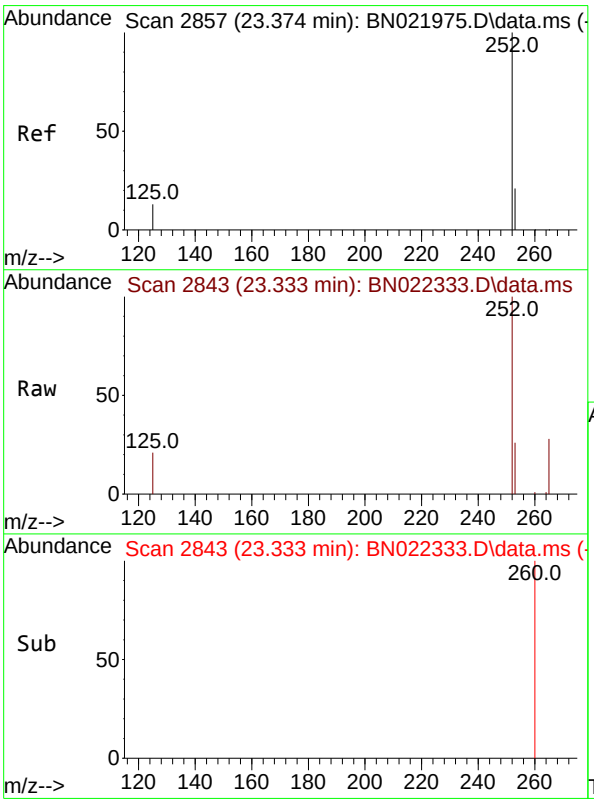
#37
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 23.283 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:252 Resp: 9679

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.6	31.0
125	21.1	15.6	23.4

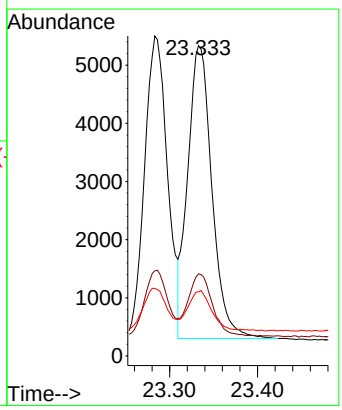


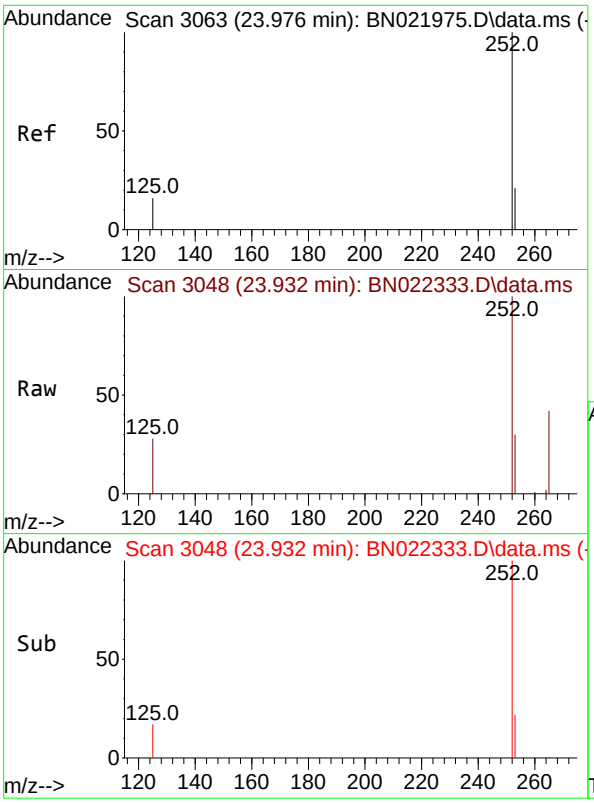


#38
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 23.333 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:252 Resp: 9642

Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.4	30.6
125	20.7	15.8	23.6



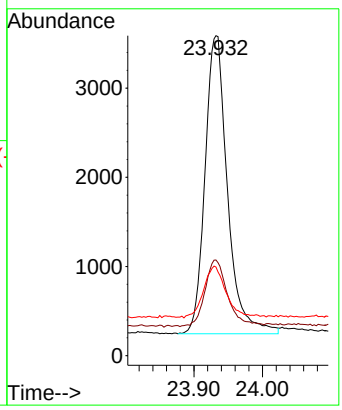


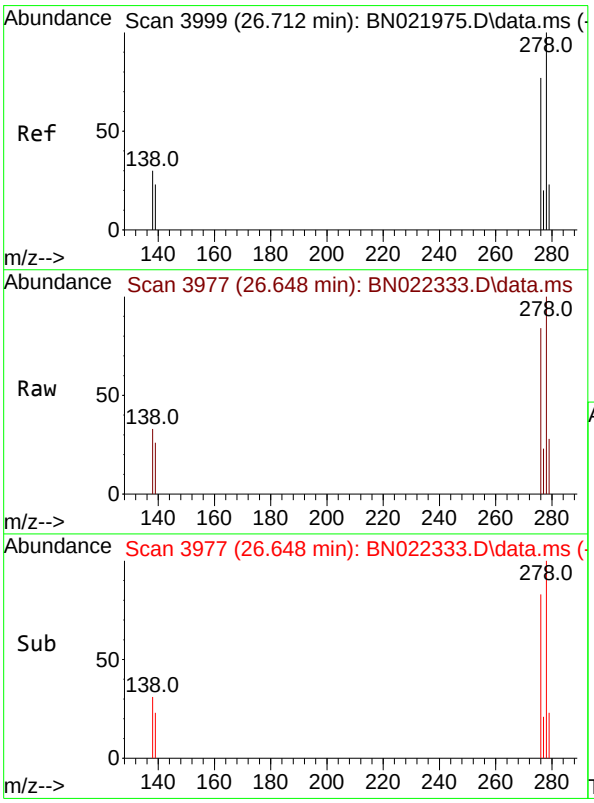
#39
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.932 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:252 Resp: 7616

Ion	Ratio	Lower	Upper
252	100		
253	29.9	23.2	34.8
125	27.7	21.1	31.7

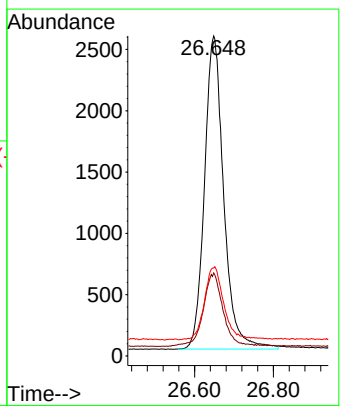


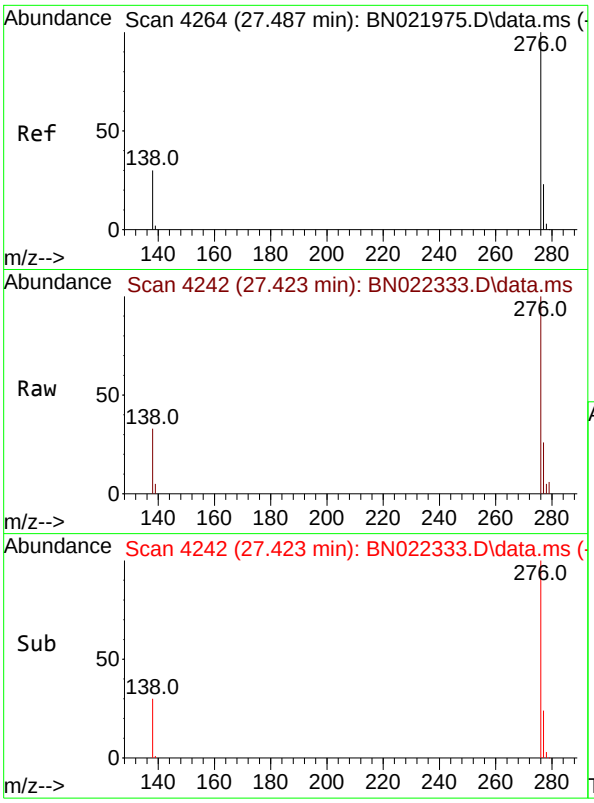


#40
Dibenzo(a,h)anthracene
Concen: 0.387 ng
RT: 26.648 min Scan# 3977
Delta R.T. 0.000 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Tgt Ion:278 Resp: 8636

Ion	Ratio	Lower	Upper
278	100		
139	26.0	19.9	29.9
279	27.5	21.9	32.9





#41
Benzo(g,h,i)perylene
Concen: 0.392 ng
RT: 27.423 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN022333.D
Acq: 26 Oct 2022 12:51

Instrument :
BNA_N
ClientSampleId :
PB148565BSD

Tgt Ion:276 Resp: 9446

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.0	30.0
138	32.6	25.2	37.8