Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111122\
Data File : BN022607.D
Acq On : 11 Nov 2022 11:38
Operator : CG/JU
Sample : PB148932BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Quant Time: Nov 11 22:14:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 23:28:29 2022
Response via : Initial Calibration

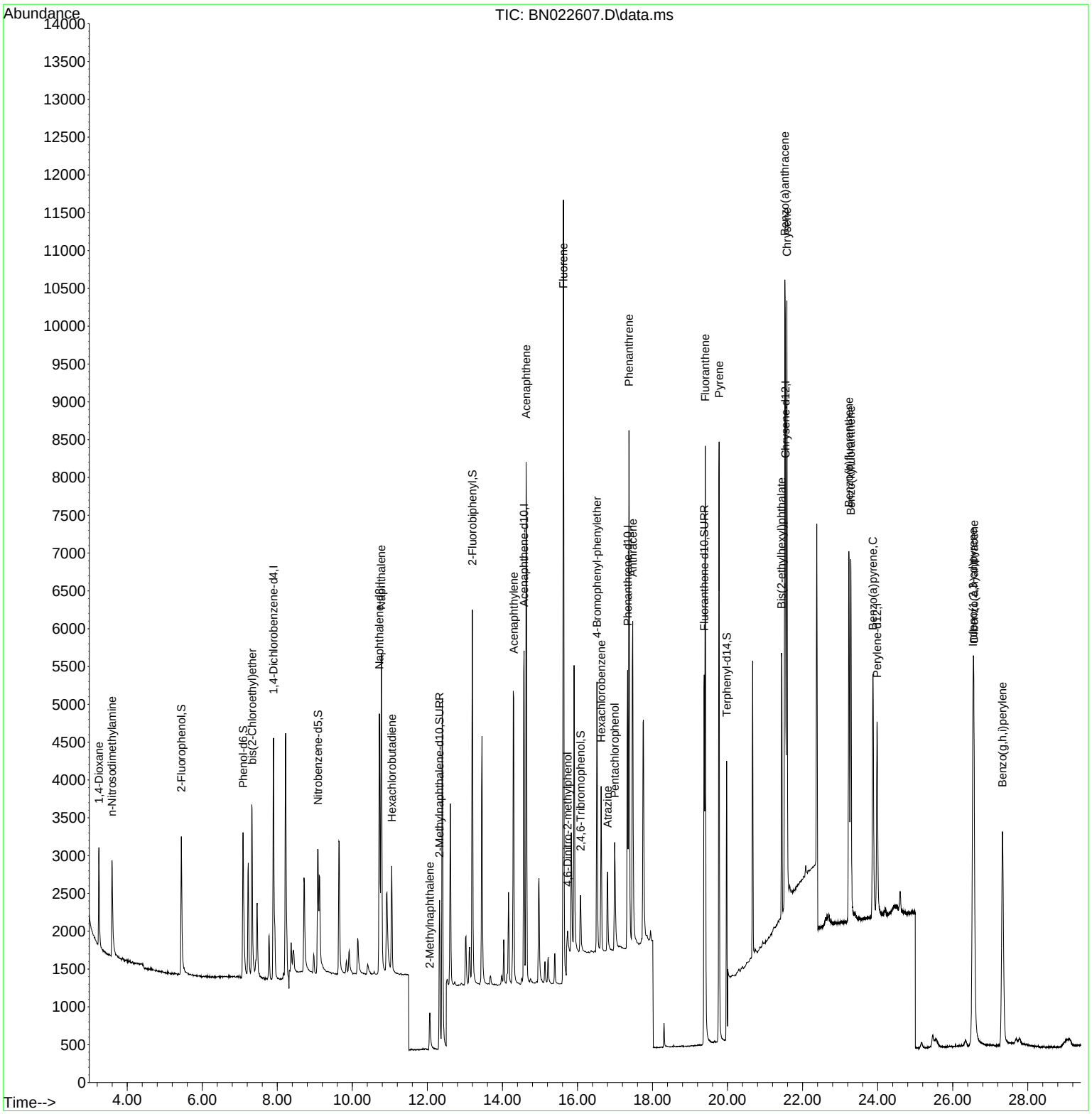
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	1681	0.400	ng		0.00
7) Naphthalene-d8	10.720	136	5005	0.400	ng		# 0.00
13) Acenaphthene-d10	14.578	164	2771	0.400	ng		0.01
19) Phenanthrene-d10	17.338	188	5552	0.400	ng		# 0.01
29) Chrysene-d12	21.546	240	4507	0.400	ng		0.00
35) Perylene-d12	23.985	264	4042	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.443	112	1856	0.382	ng		0.00
5) Phenol-d6	7.090	99	2332	0.384	ng		0.00
8) Nitrobenzene-d5	9.086	82	1843	0.387	ng		0.01
11) 2-Methylnaphthalene-d10	12.323	152	3132	0.384	ng		0.00
14) 2,4,6-Tribromophenol	16.084	330	508	0.379	ng		0.01
15) 2-Fluorobiphenyl	13.199	172	4645	0.412	ng		0.00
27) Fluoranthene-d10	19.378	212	5893	0.385	ng		0.00
31) Terphenyl-d14	19.976	244	5737	0.411	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.248	88	909	0.383	ng		97
3) n-Nitrosodimethylamine	3.594	42	924	0.381	ng	#	99
6) bis(2-Chloroethyl)ether	7.328	93	2014	0.377	ng		99
9) Naphthalene	10.773	128	5862	0.397	ng		99
10) Hexachlorobutadiene	11.051	225	1101	0.402	ng	#	99
12) 2-Methylnaphthalene	12.066	142	1045	0.346	ng	#	90
16) Acenaphthylene	14.300	152	4883	0.383	ng		99
17) Acenaphthene	14.632	154	3574	0.409	ng		99
18) Fluorene	15.626	166	4798	0.405	ng		99
20) 4,6-Dinitro-2-methylph...	15.736	198	254	0.481	ng		96
21) 4-Bromophenyl-phenylether	16.518	248	1306	0.399	ng	#	84
22) Hexachlorobenzene	16.630	284	1565	0.410	ng		99
23) Atrazine	16.804	200	1056	0.379	ng		94
24) Pentachlorophenol	16.990	266	900	0.617	ng		93
25) Phenanthrene	17.375	178	7111	0.397	ng		100
26) Anthracene	17.474	178	5810	0.380	ng		99
28) Fluoranthene	19.407	202	7514	0.387	ng		100
30) Pyrene	19.774	202	7584	0.413	ng		100
32) Benzo(a)anthracene	21.528	228	6341	0.383	ng		99
33) Chrysene	21.582	228	7147	0.418	ng		99
34) Bis(2-ethylhexyl)phtha...	21.439	149	3624	0.379	ng		100
36) Indeno(1,2,3-cd)pyrene	26.540	276	7761	0.406	ng		100
37) Benzo(b)fluoranthene	23.233	252	6662	0.407	ng		98
38) Benzo(k)fluoranthene	23.283	252	6642	0.407	ng		97
39) Benzo(a)pyrene	23.874	252	5293	0.398	ng		98
40) Dibenzo(a,h)anthracene	26.563	278	6244	0.407	ng		96
41) Benzo(g,h,i)perylene	27.326	276	6661	0.412	ng		99

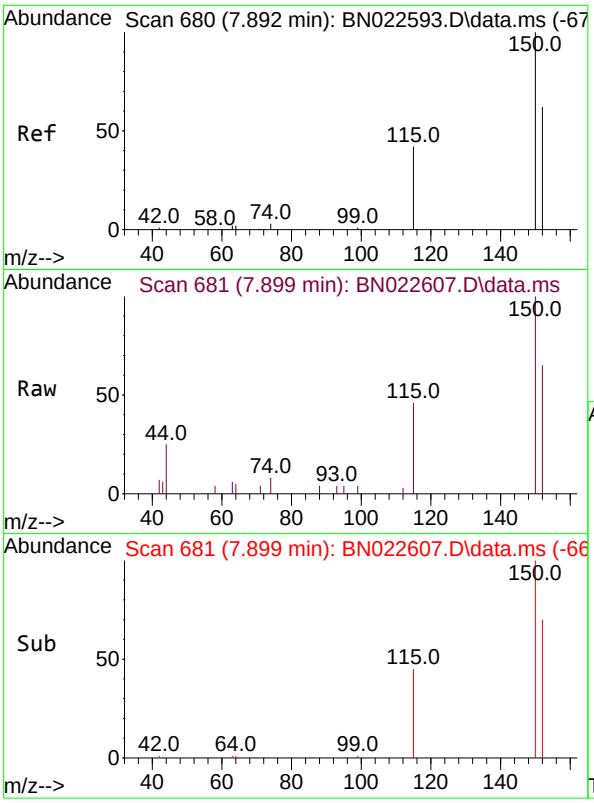
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111122\
Data File : BN022607.D
Acq On : 11 Nov 2022 11:38
Operator : CG/JU
Sample : PB148932BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Quant Time: Nov 11 22:14:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 23:28:29 2022
Response via : Initial Calibration



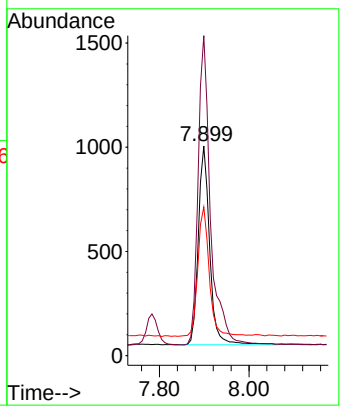


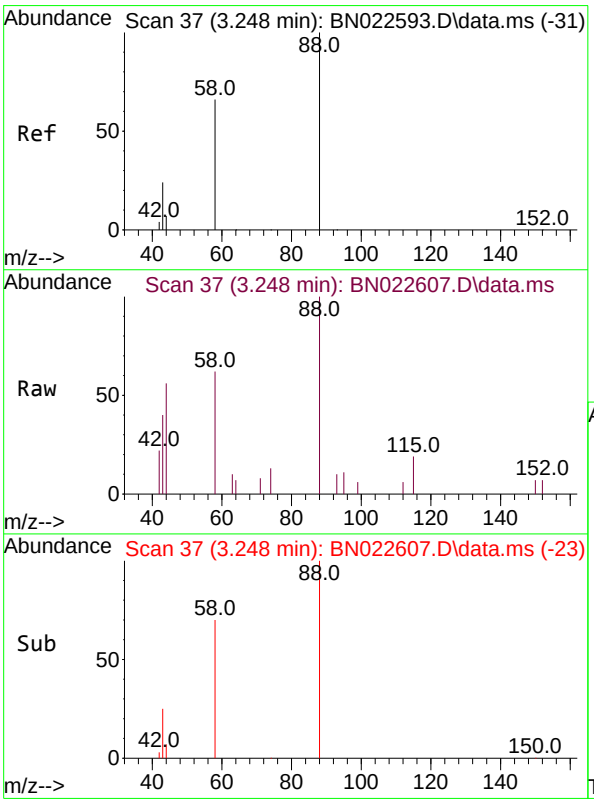
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.899 min Scan# 68
Delta R.T. 0.007 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:152 Resp: 1681

Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.4	189.6
115	70.9	57.8	86.6

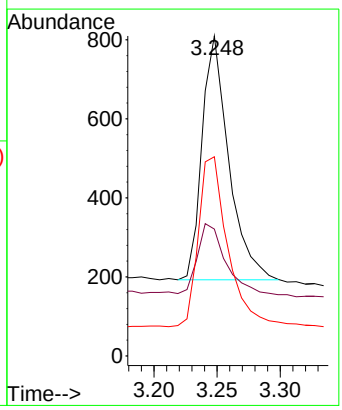


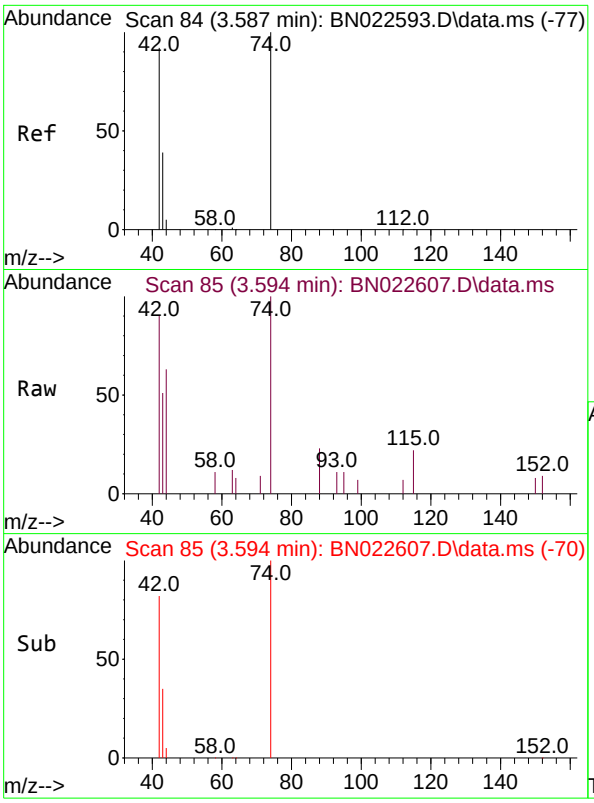


#2
1,4-Dioxane
Concen: 0.383 ng
RT: 3.248 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion: 88 Resp: 909

Ion	Ratio	Lower	Upper
88	100		
43	30.8	22.0	33.0
58	76.7	60.5	90.7



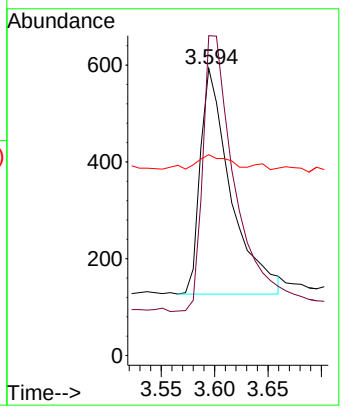


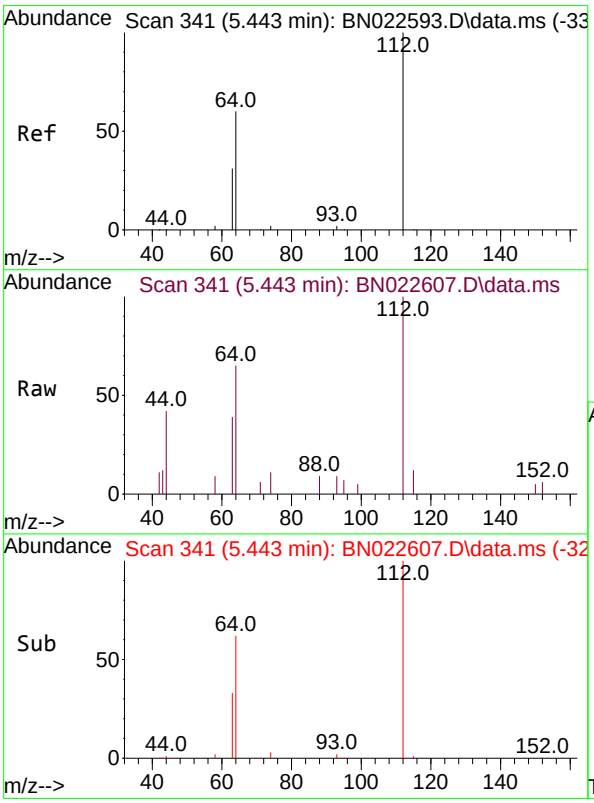
#3
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.594 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion: 42 Resp: 924

Ion	Ratio	Lower	Upper
42	100		
74	129.4	104.5	156.7
44	6.8	7.4	11.2#

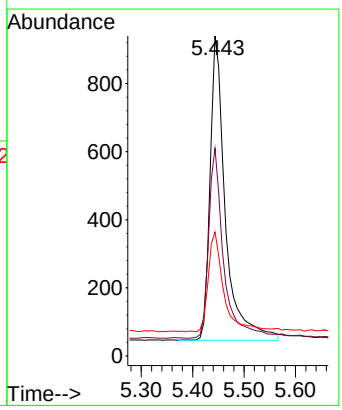


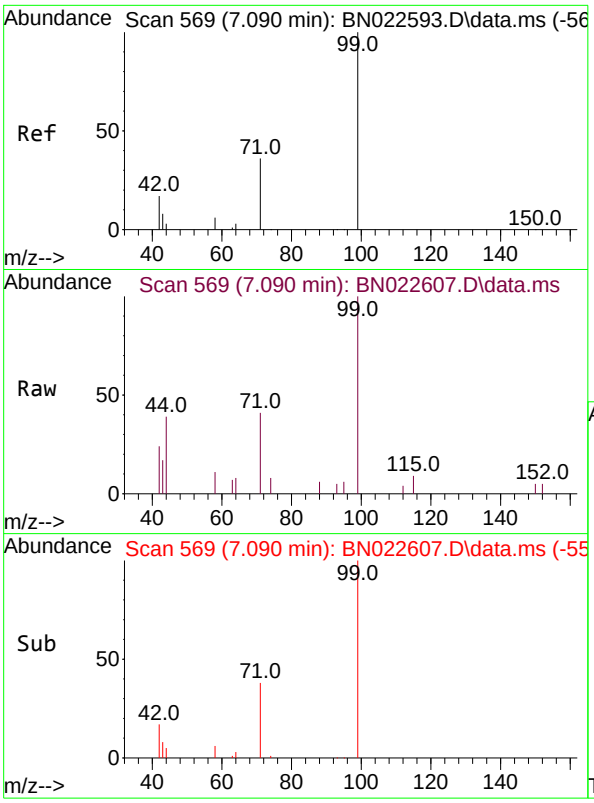


#4
2-Fluorophenol
Concen: 0.382 ng
RT: 5.443 min Scan# 341
Delta R.T. -0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:112 Resp: 1856

Ion	Ratio	Lower	Upper
112	100		
64	61.0	48.6	73.0
63	33.4	25.5	38.3



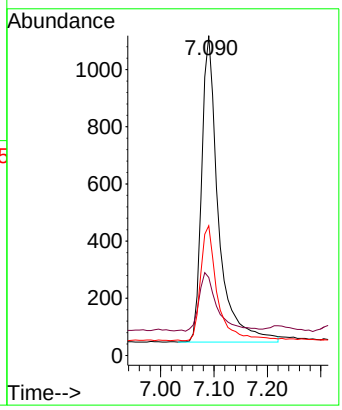


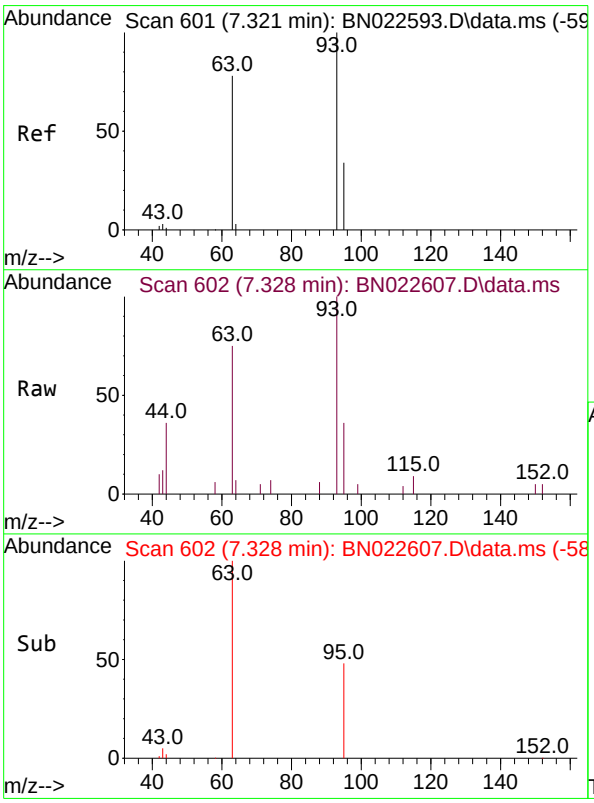
#5
Phenol-d6
Concen: 0.384 ng
RT: 7.090 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion: 99 Resp: 2332

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.0	24.0
71	37.6	30.1	45.1

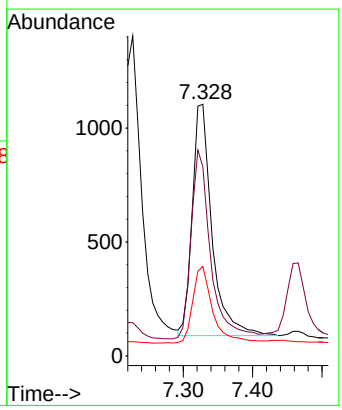


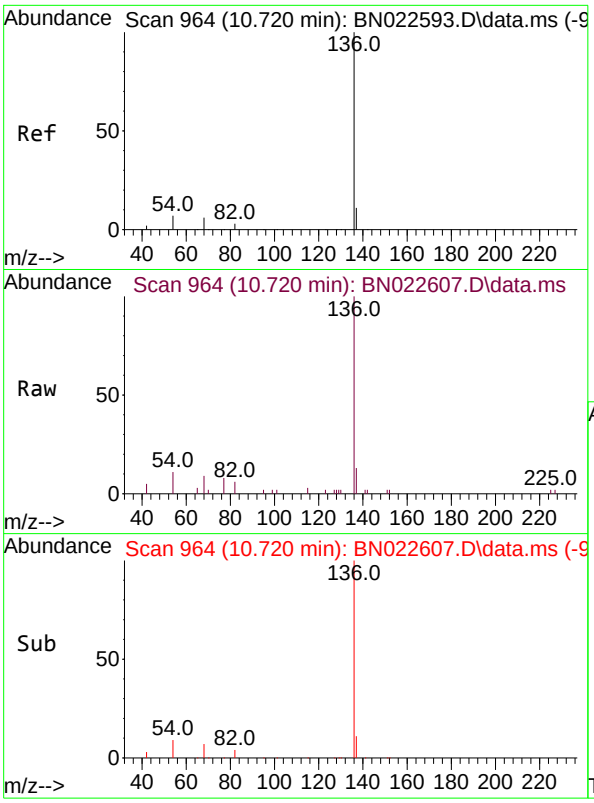


#6
bis(2-Chloroethyl)ether
Concen: 0.377 ng
RT: 7.328 min Scan# 602
Delta R.T. 0.007 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion: 93 Resp: 2014

Ion	Ratio	Lower	Upper
93	100		
63	80.4	63.4	95.0
95	33.7	27.2	40.8



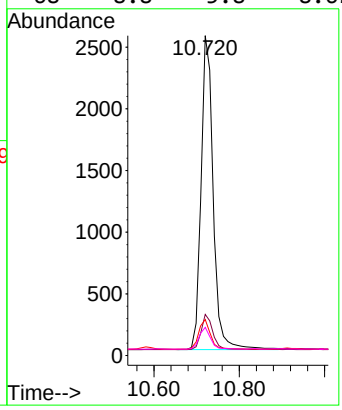


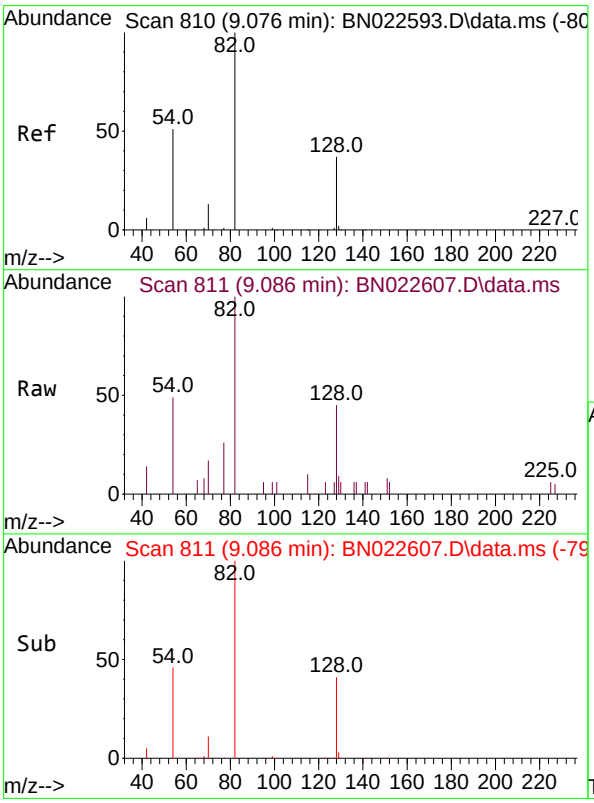
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.720 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:136 Resp: 5005

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.4	14.2
54	11.3	7.1	10.7#
68	8.8	5.8	8.6#

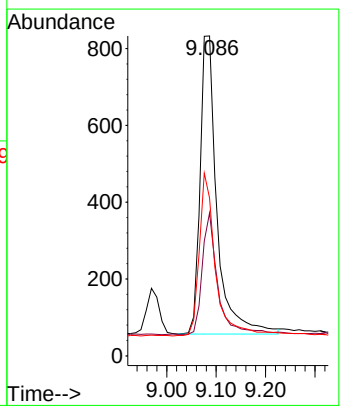


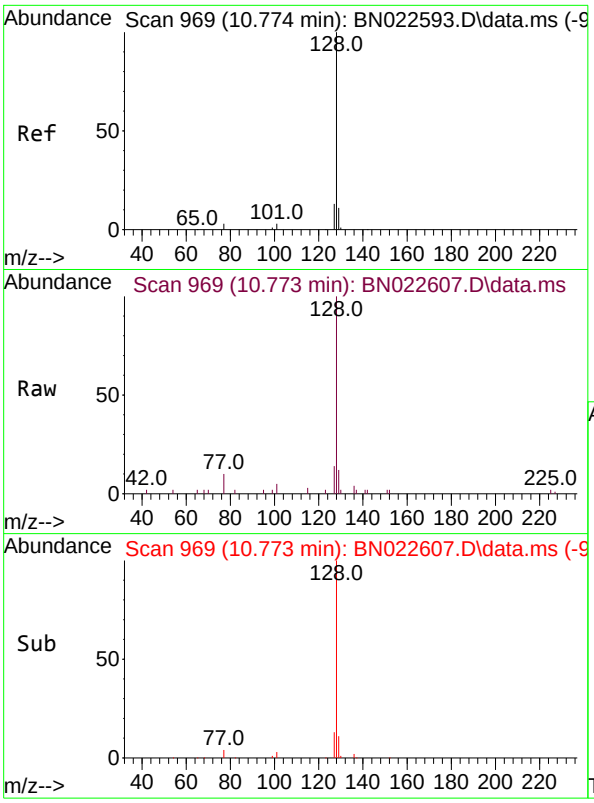


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 9.086 min Scan# 811
Delta R.T. 0.011 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion: 82 Resp: 1843

Ion	Ratio	Lower	Upper
82	100		
128	44.7	32.0	48.0
54	49.3	42.3	63.5



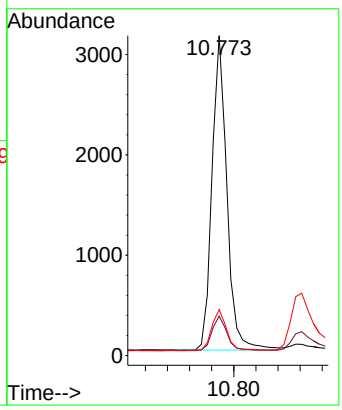


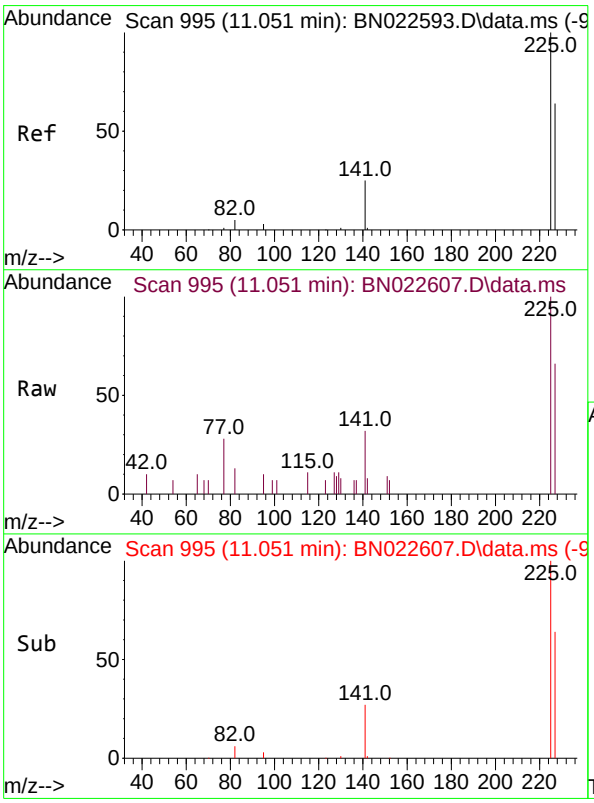
#9
Naphthalene
Concen: 0.397 ng
RT: 10.773 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:128 Resp: 5862

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.5	14.3
127	14.4	11.2	16.8

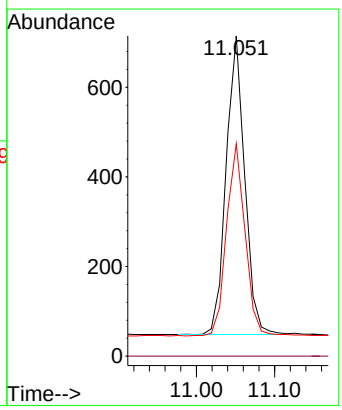


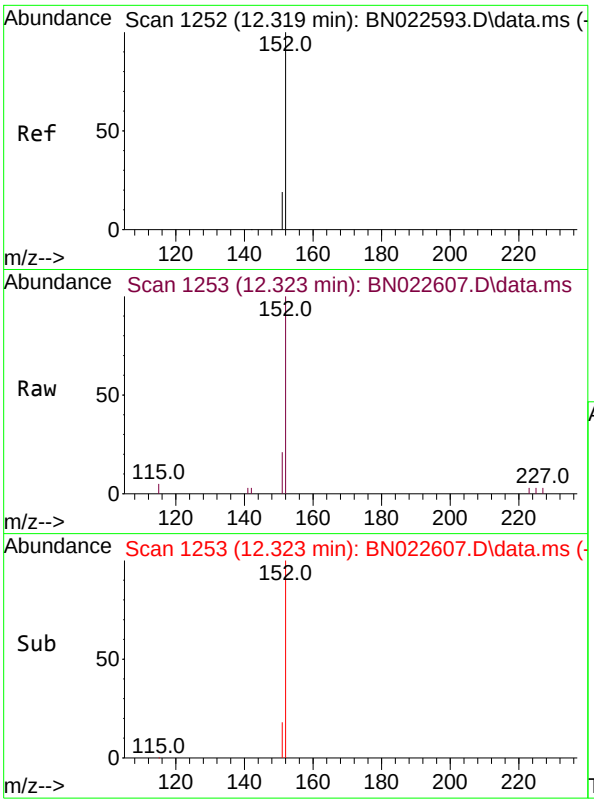


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 11.051 min Scan# 995
Delta R.T. -0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:225 Resp: 1101

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.8	76.2



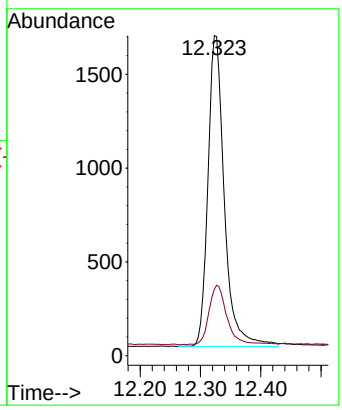


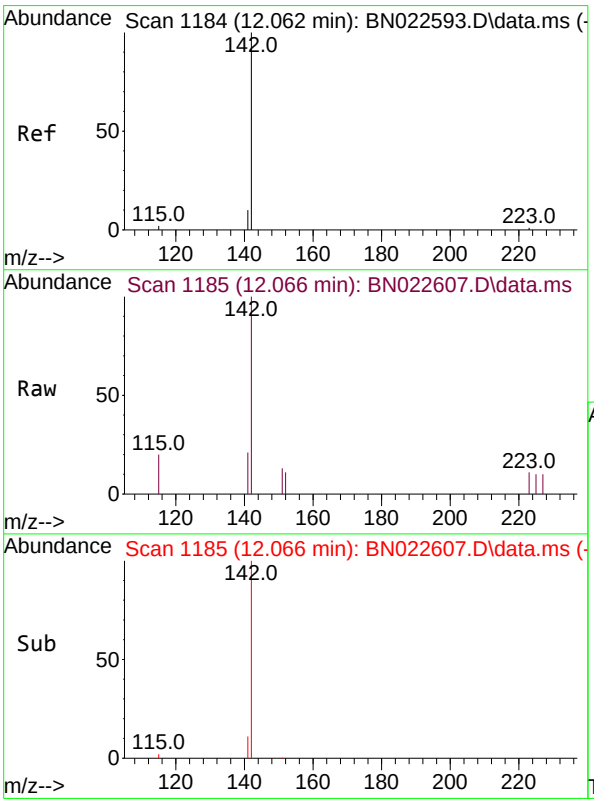
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.323 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:152 Resp: 3132

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5

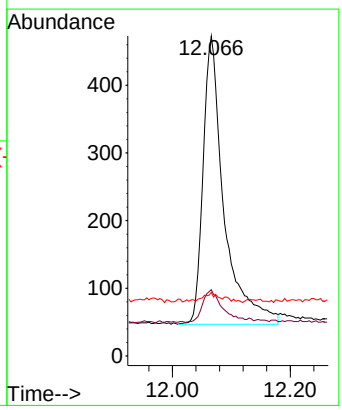


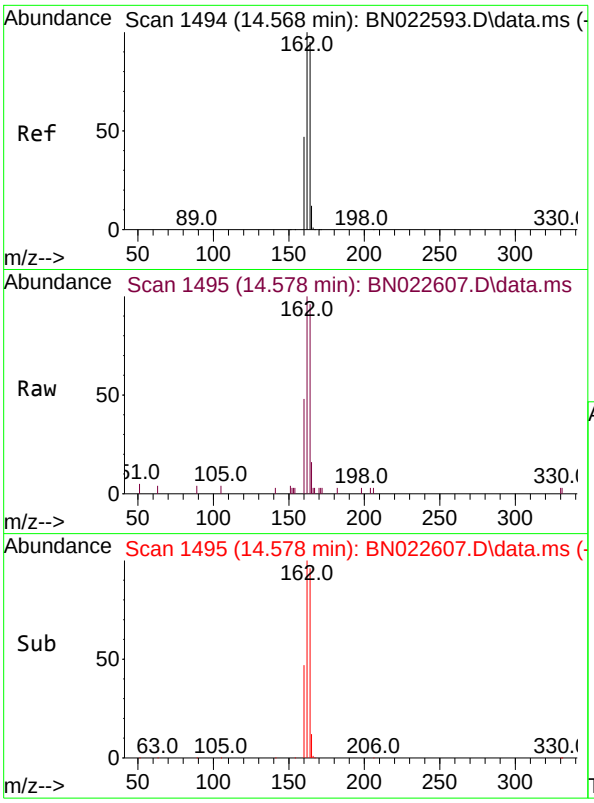


#12
2-Methylnaphthalene
Concen: 0.346 ng
RT: 12.066 min Scan# 1185
Delta R.T. 0.004 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:142 Resp: 1045

Ion	Ratio	Lower	Upper
142	100		
141	20.7	14.0	21.0
115	19.9	11.4	17.2#



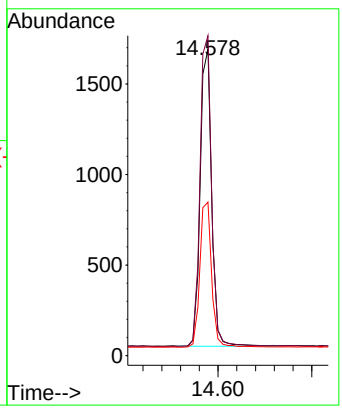


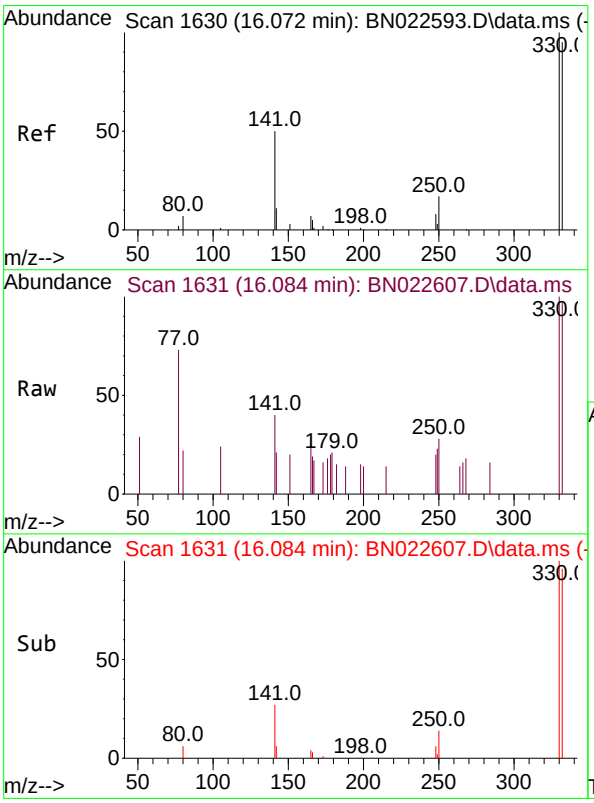
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.578 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:164 Resp: 2771

Ion	Ratio	Lower	Upper
164	100		
162	104.4	84.3	126.5
160	50.1	40.6	60.8

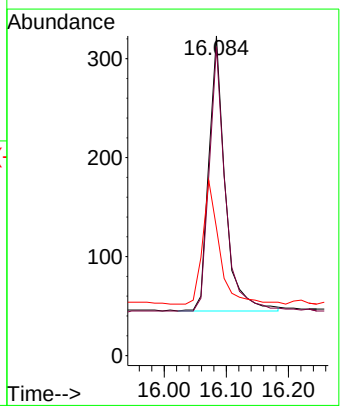


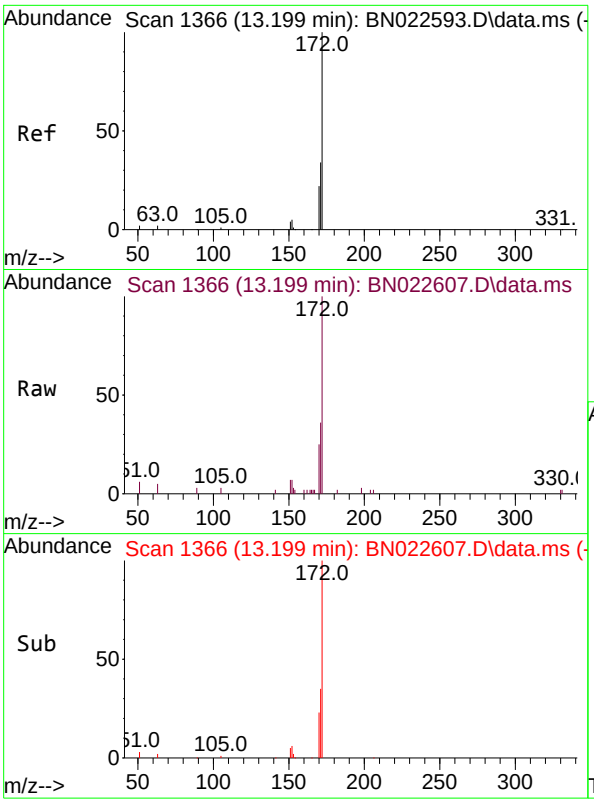


#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 16.084 min Scan# 1631
Delta R.T. 0.012 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:330 Resp: 508

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.5	116.3
141	45.5	33.3	49.9



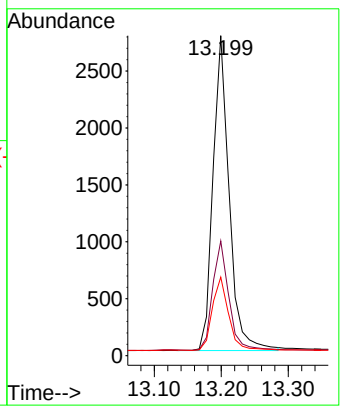


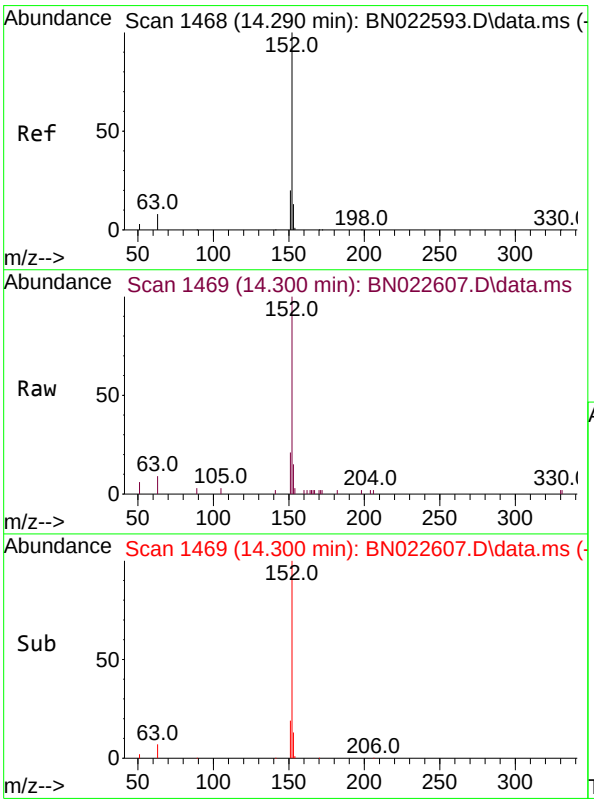
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.199 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:172 Resp: 4645

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.0	42.0
170	24.5	18.6	28.0

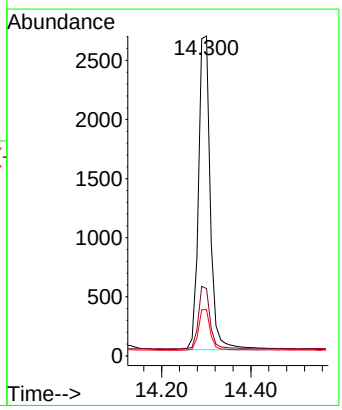


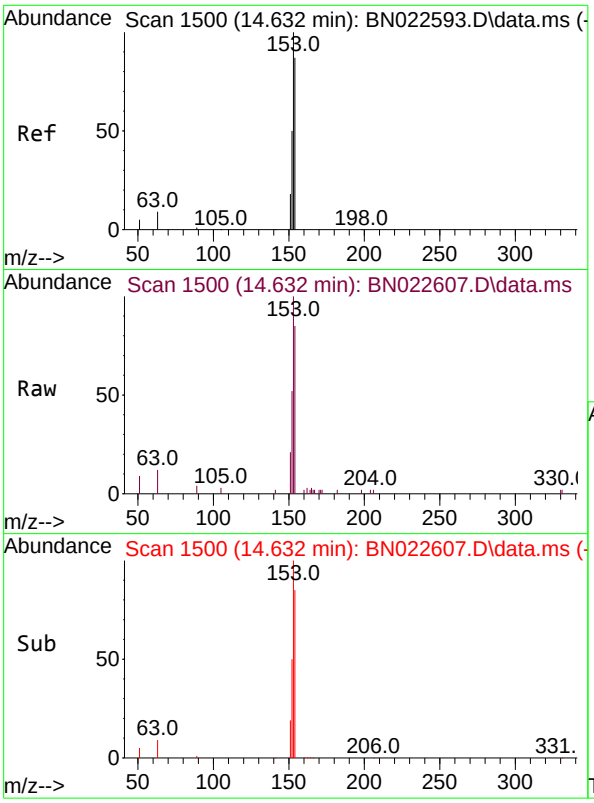


#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.300 min Scan# 1469
Delta R.T. 0.011 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:152 Resp: 4883

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	13.2	10.2	15.4



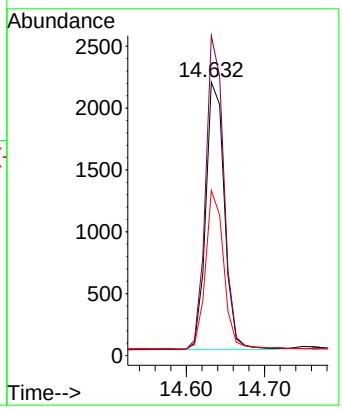


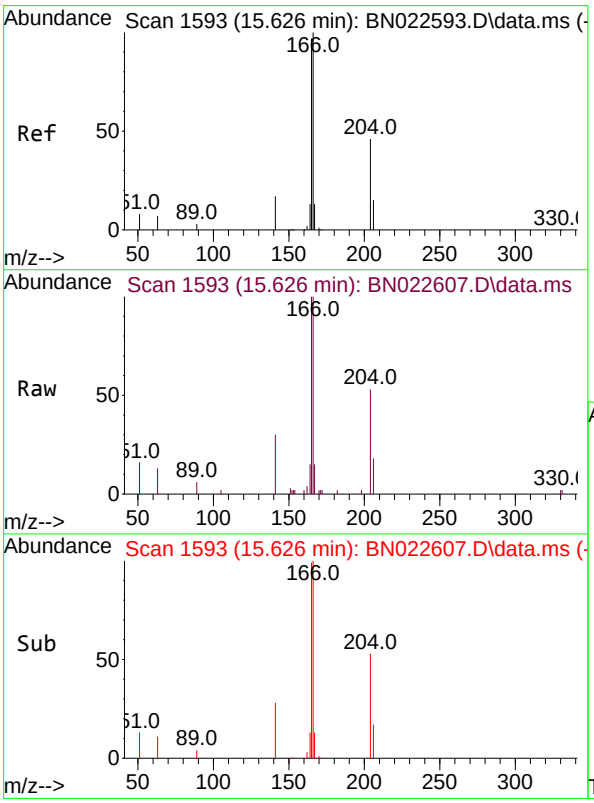
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:154 Resp: 3574

Ion	Ratio	Lower	Upper
154	100		
153	115.4	92.2	138.2
152	57.7	45.4	68.0

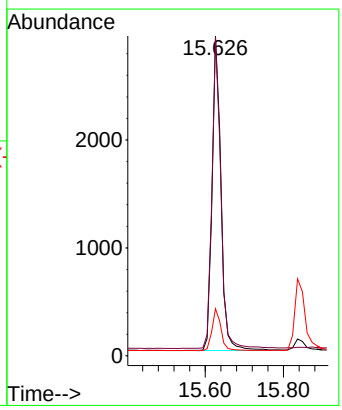


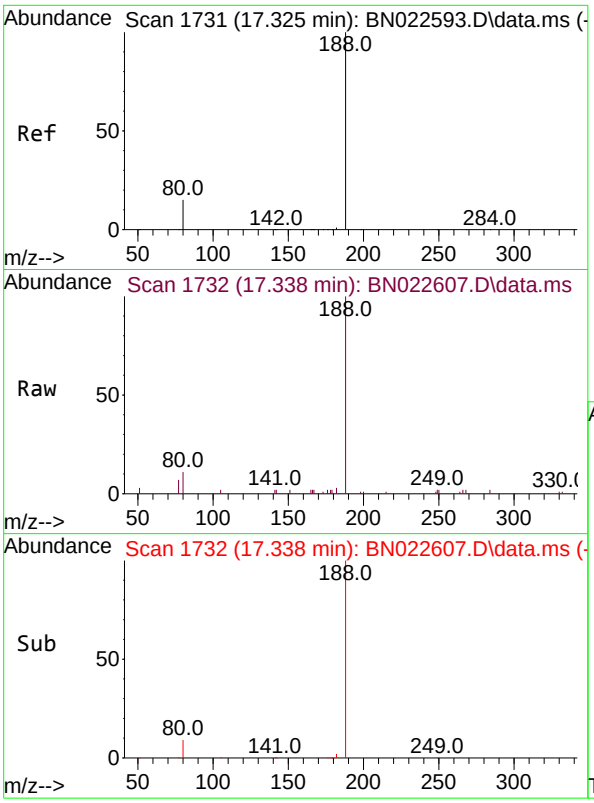


#18
Fluorene
Concen: 0.405 ng
RT: 15.626 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:166 Resp: 4798

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.7	10.2	15.4



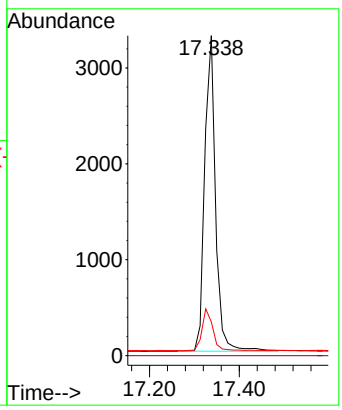


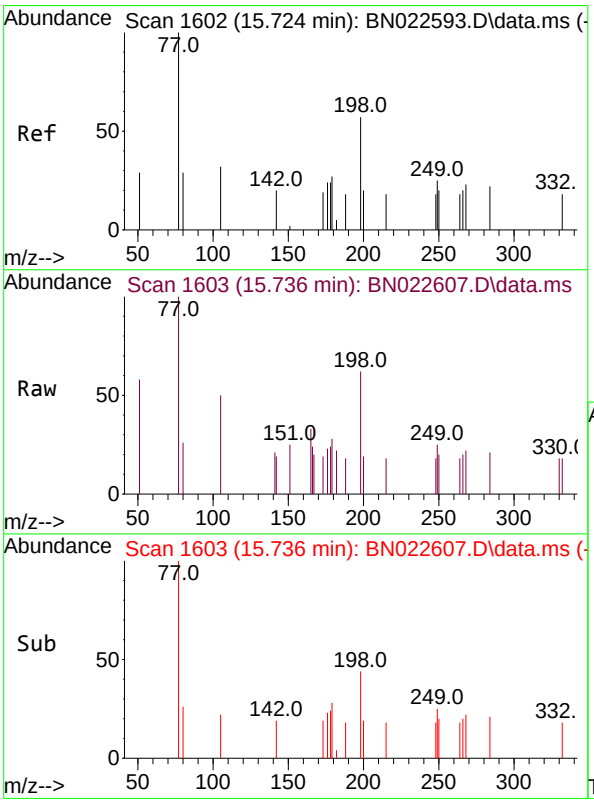
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.338 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:188 Resp: 5552

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	13.1	19.7#

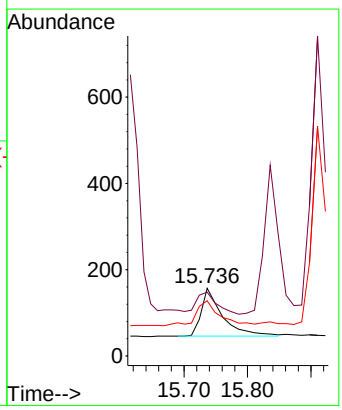


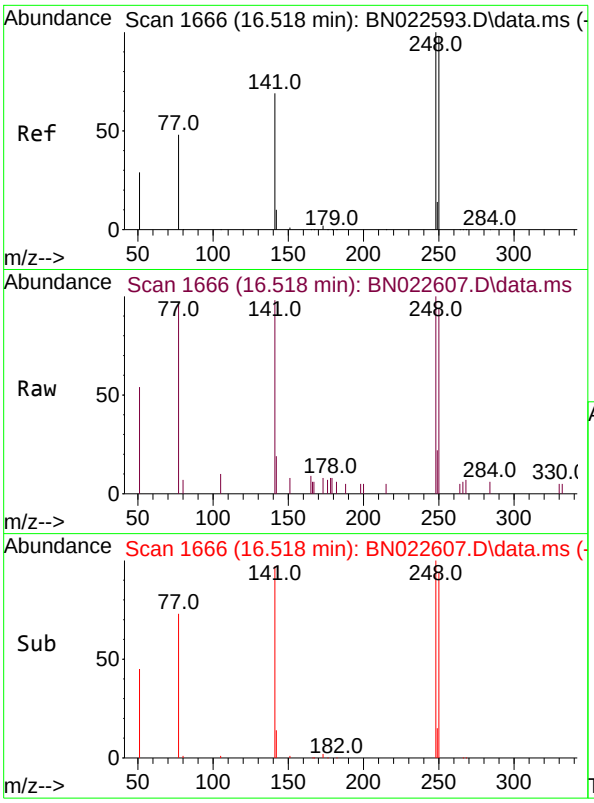


#20
4,6-Dinitro-2-methylphenol
Concen: 0.481 ng
RT: 15.736 min Scan# 1603
Delta R.T. 0.012 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:198 Resp: 254

Ion	Ratio	Lower	Upper
198	100		
51	94.3	78.7	118.1
105	81.5	68.5	102.7



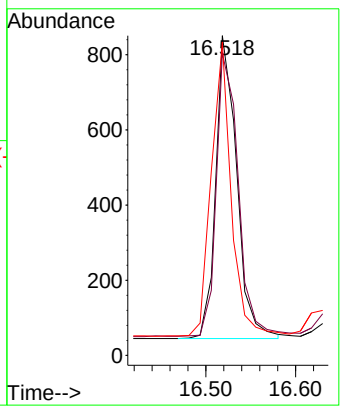


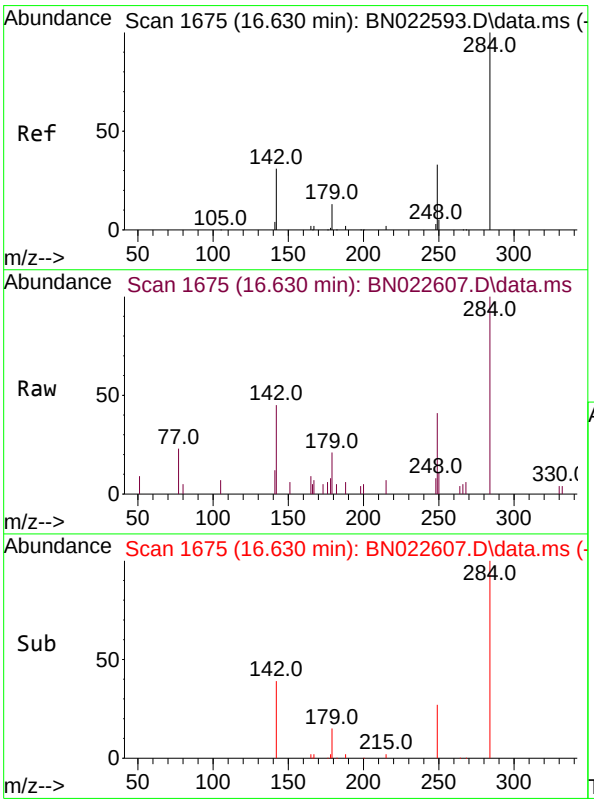
#21
4-Bromophenyl-phenylether
Concen: 0.399 ng
RT: 16.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:248 Resp: 1306

Ion	Ratio	Lower	Upper
248	100		
250	94.5	78.5	117.7
141	98.0	57.0	85.4#

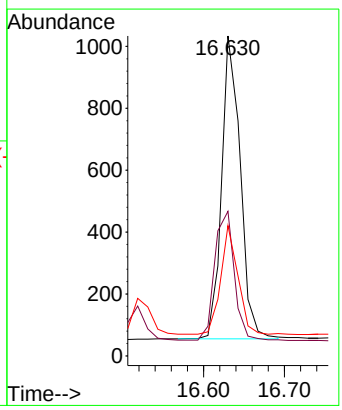


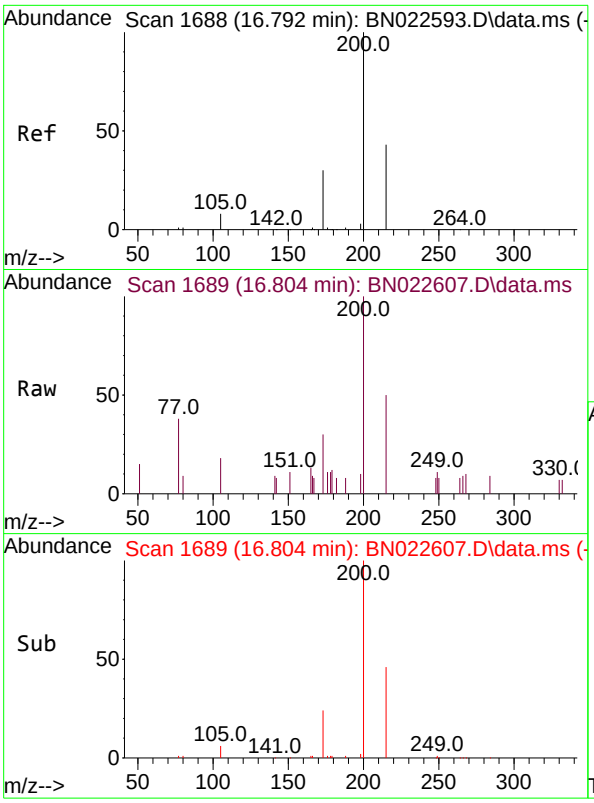


#22
Hexachlorobenzene
Concen: 0.410 ng
RT: 16.630 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:284 Resp: 1565

Ion	Ratio	Lower	Upper
284	100		
142	44.5	35.7	53.5
249	32.9	27.0	40.4



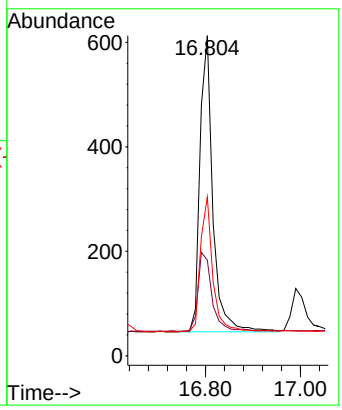


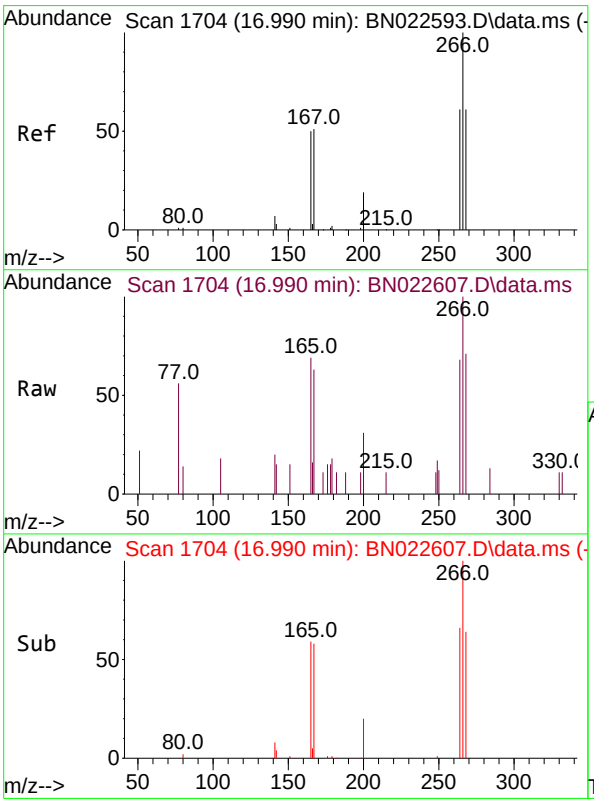
#23
Atrazine
Concen: 0.379 ng
RT: 16.804 min Scan# 1(
Delta R.T. 0.012 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:200 Resp: 1056

Ion	Ratio	Lower	Upper
200	100		
173	29.9	27.4	41.2
215	49.6	36.9	55.3

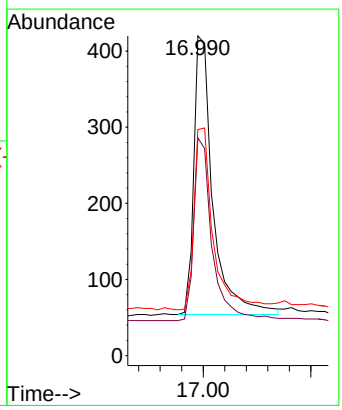


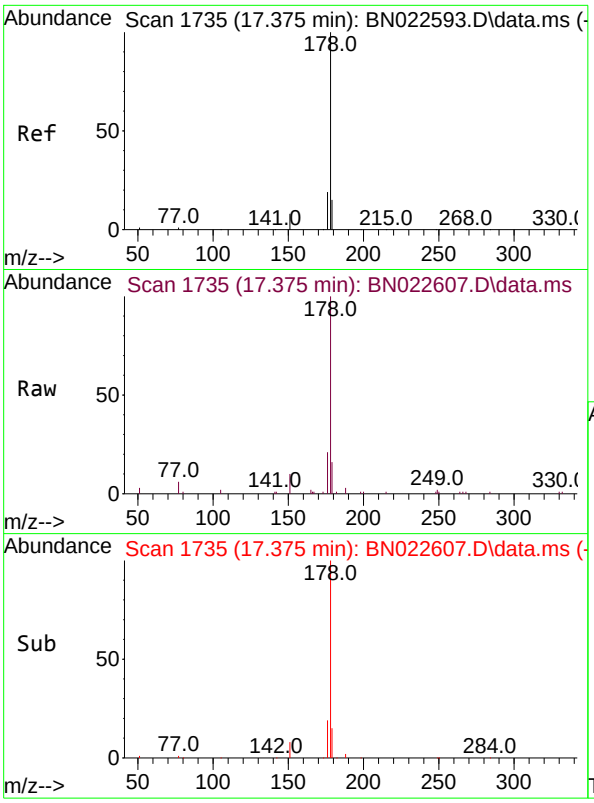


#24
Pentachlorophenol
Concen: 0.617 ng
RT: 16.990 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:266 Resp: 900

Ion	Ratio	Lower	Upper
266	100		
264	63.2	47.3	70.9
268	65.8	48.0	72.0



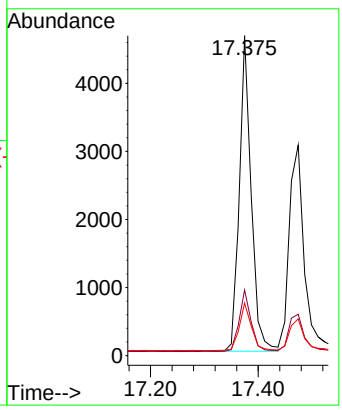


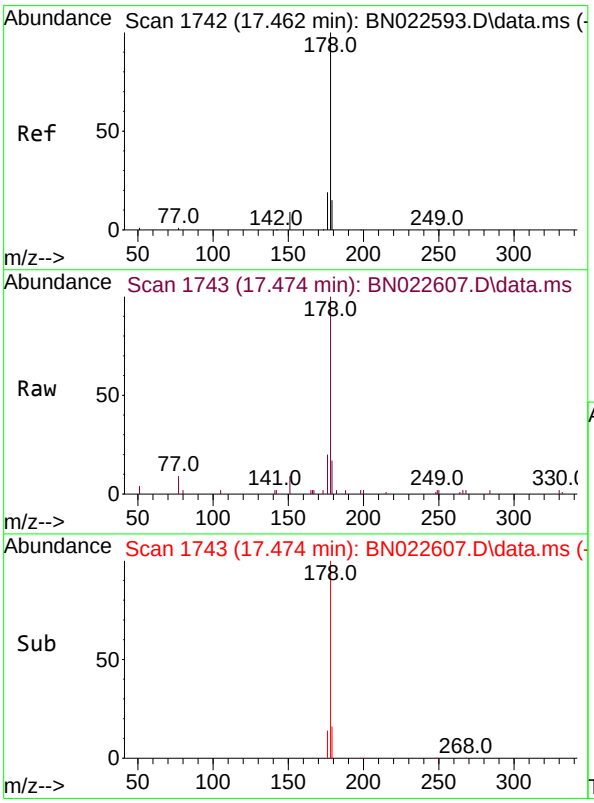
#25
Phenanthrene
Concen: 0.397 ng
RT: 17.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:178 Resp: 7111

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.3	12.4	18.6

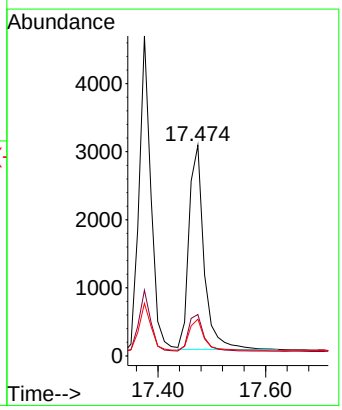


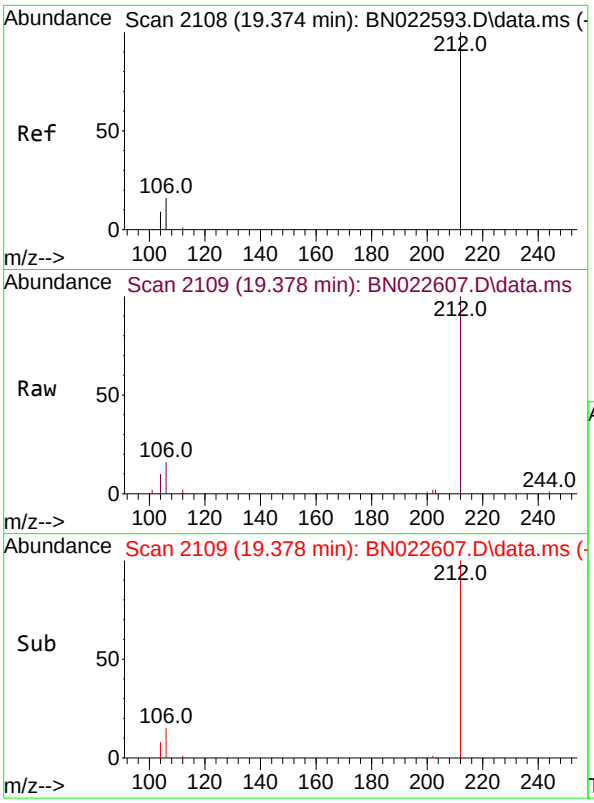


#26
Anthracene
Concen: 0.380 ng
RT: 17.474 min Scan# 1743
Delta R.T. 0.012 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:178 Resp: 5810

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	14.9	12.2	18.2



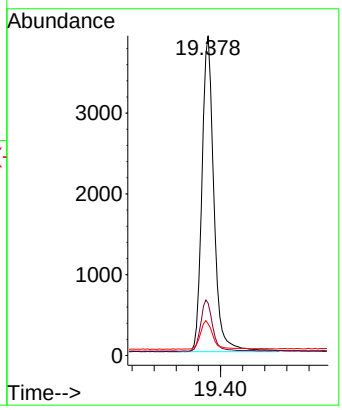


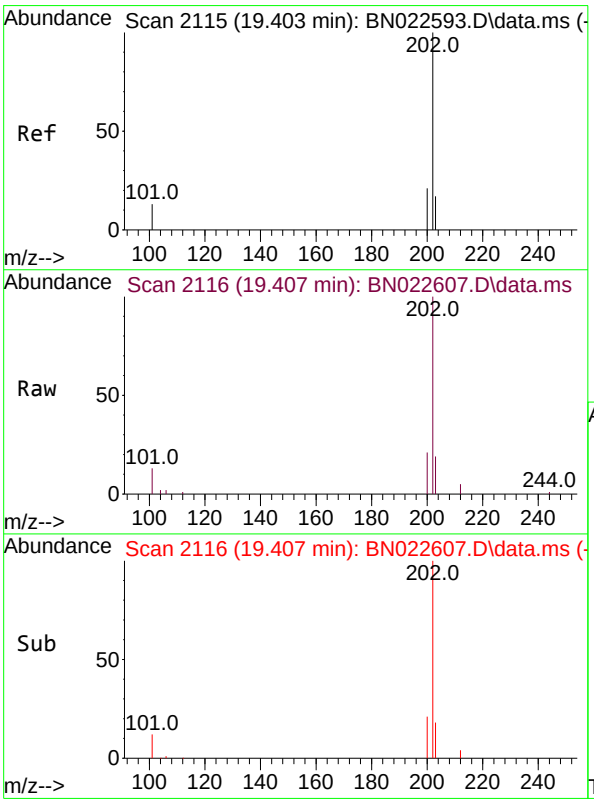
#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.378 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:212 Resp: 5893

Ion	Ratio	Lower	Upper
212	100		
106	16.0	13.0	19.6
104	9.2	7.4	11.2

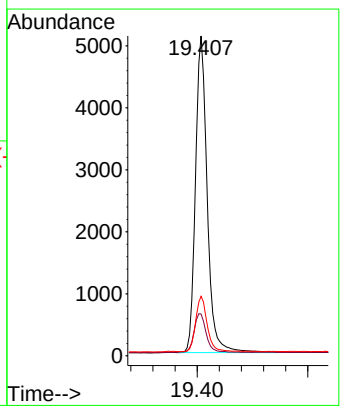


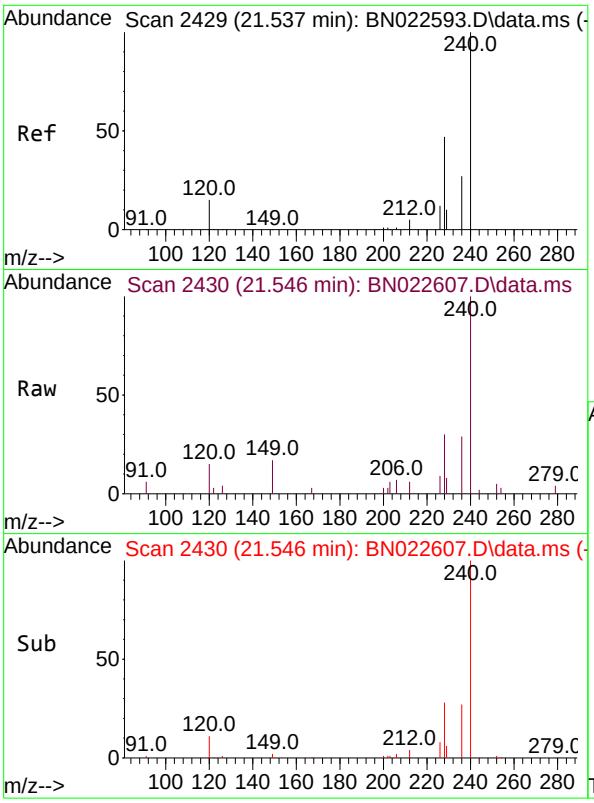


#28
Fluoranthene
Concen: 0.387 ng
RT: 19.407 min Scan# 2116
Delta R.T. 0.004 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:202 Resp: 7514

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.5	15.7
203	17.0	13.5	20.3



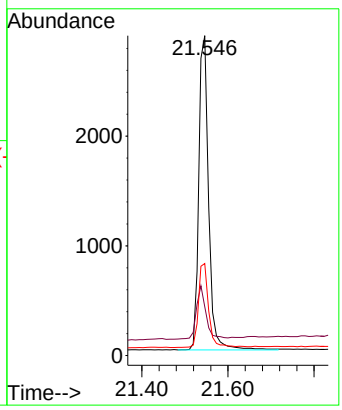


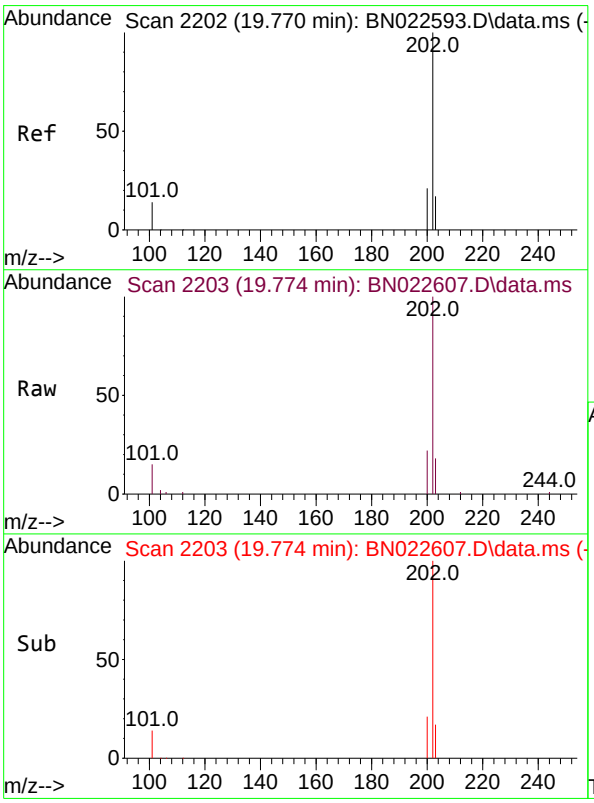
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.546 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:240 Resp: 4507

Ion	Ratio	Lower	Upper
240	100		
120	15.3	15.0	22.4
236	28.8	23.1	34.7

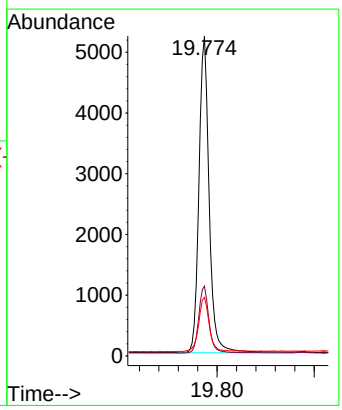


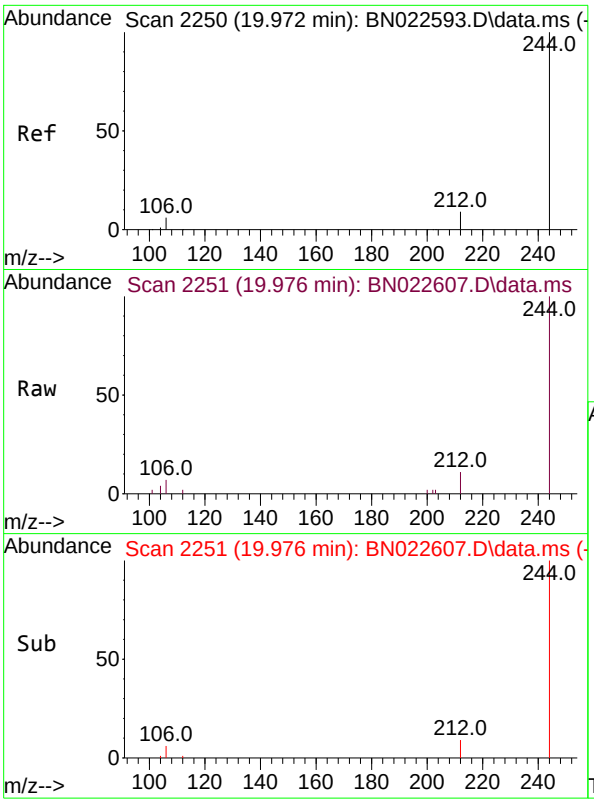


#30
Pyrene
Concen: 0.413 ng
RT: 19.774 min Scan# 2203
Delta R.T. 0.004 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:202 Resp: 7584

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	17.7	14.2	21.2



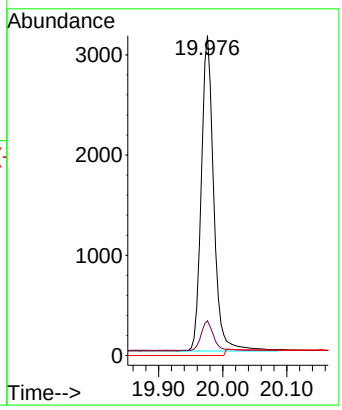


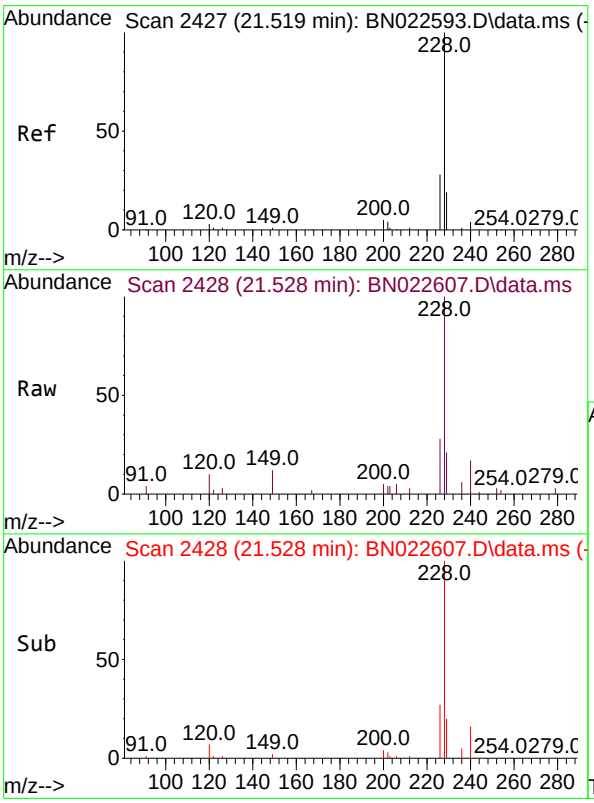
#31
Terphenyl-d14
Concen: 0.411 ng
RT: 19.976 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:244 Resp: 5737

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.0	12.0
122	0.0	0.0	0.0

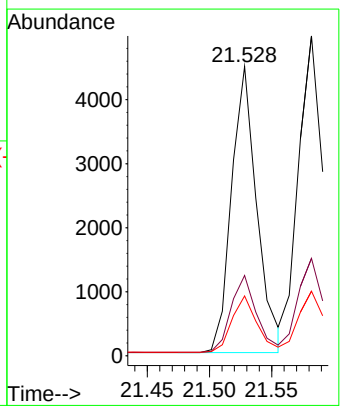


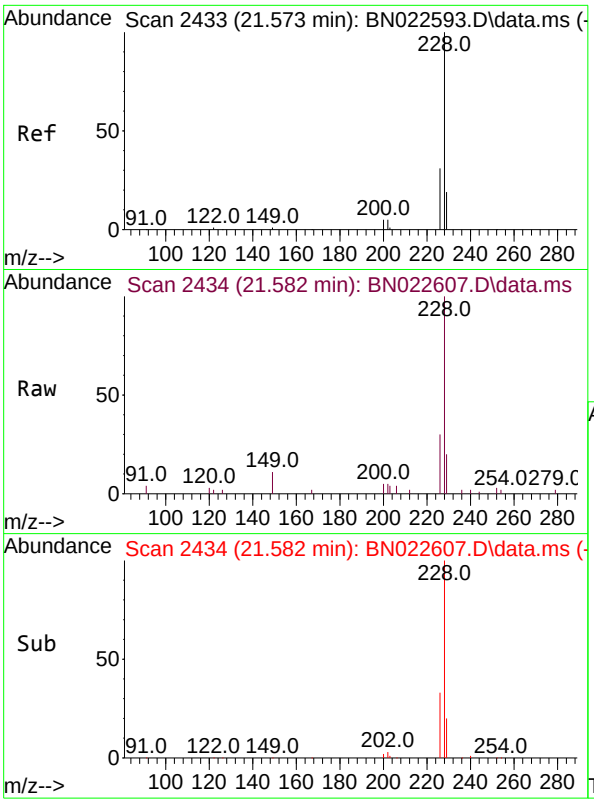


#32
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.528 min Scan# 2428
Delta R.T. 0.009 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:228 Resp: 6341

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.6
229	20.7	16.3	24.5



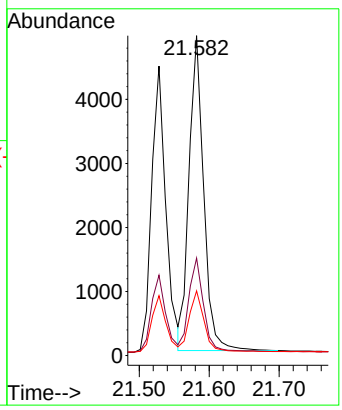


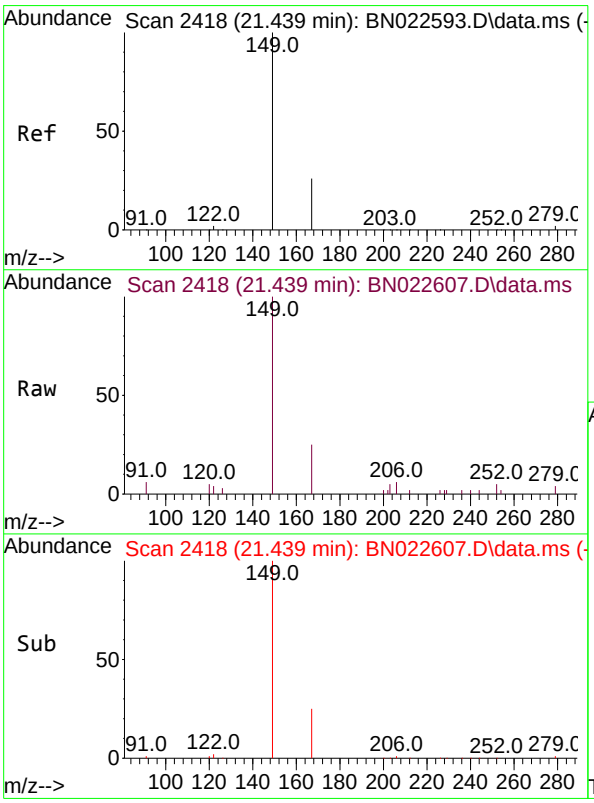
#33
Chrysene
Concen: 0.418 ng
RT: 21.582 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:228 Resp: 7147

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.3	37.9
229	20.2	16.0	24.0

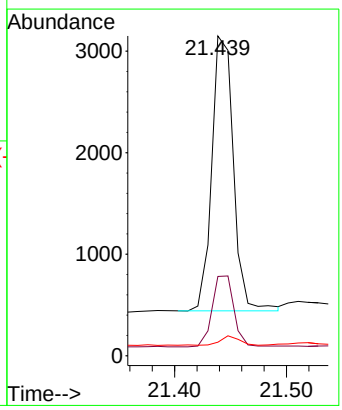


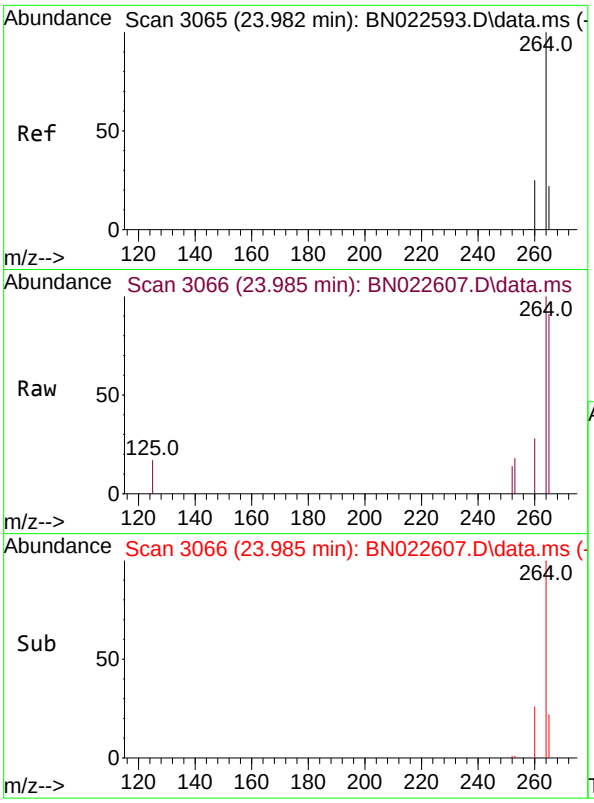


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.379 ng
RT: 21.439 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:149 Resp: 3624

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.8	31.2
279	3.1	2.4	3.6



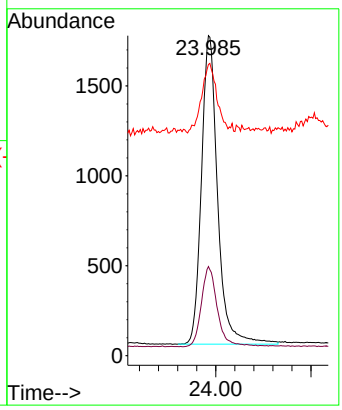


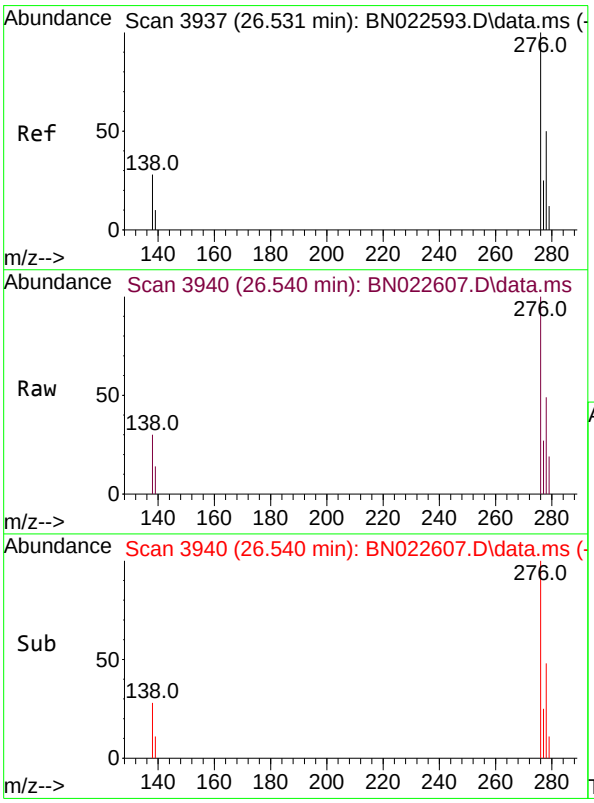
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.985 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:264 Resp: 4042

Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.2	31.8
265	91.0	57.5	86.3#

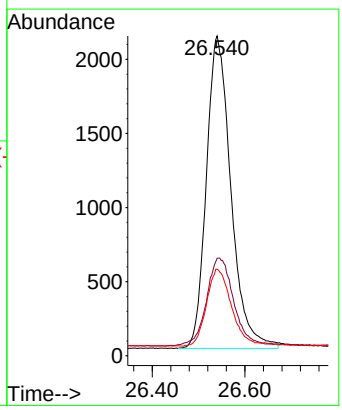


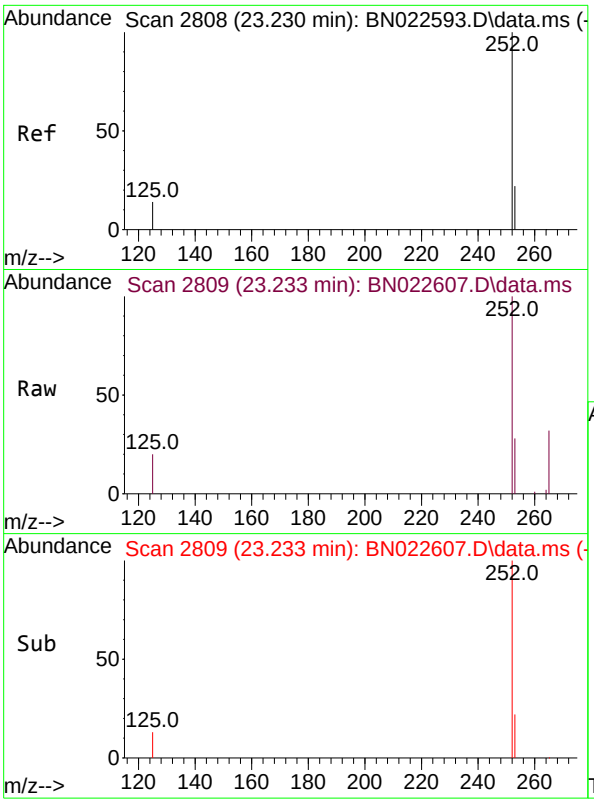


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 26.540 min Scan# 3940
Delta R.T. 0.009 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:276 Resp: 7761

Ion	Ratio	Lower	Upper
276	100		
138	30.5	24.3	36.5
277	25.1	19.8	29.6



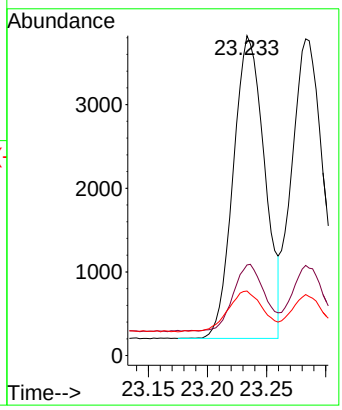


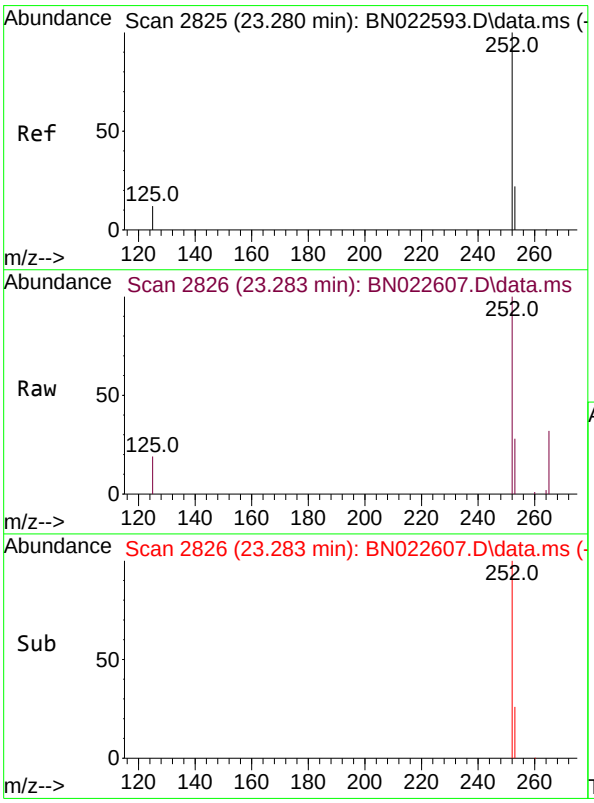
#37
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 23.233 min Scan# 28
Delta R.T. 0.003 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:252 Resp: 6662

Ion	Ratio	Lower	Upper
252	100		
253	28.3	21.5	32.3
125	20.2	15.5	23.3

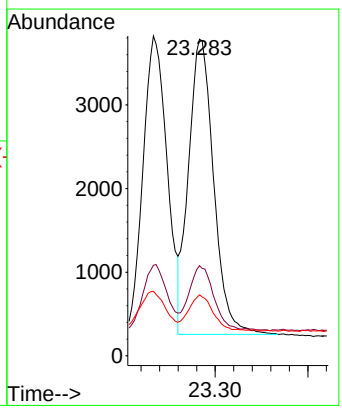


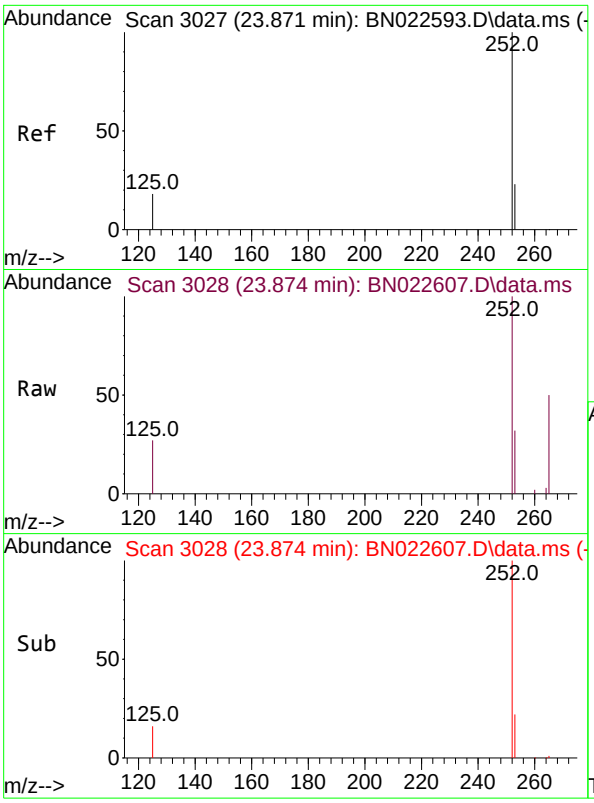


#38
Benzo(k)fluoranthene
Concen: 0.407 ng
RT: 23.283 min Scan# 2826
Delta R.T. 0.003 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:252 Resp: 6642

Ion	Ratio	Lower	Upper
252	100		
253	28.4	21.7	32.5
125	19.3	14.5	21.7



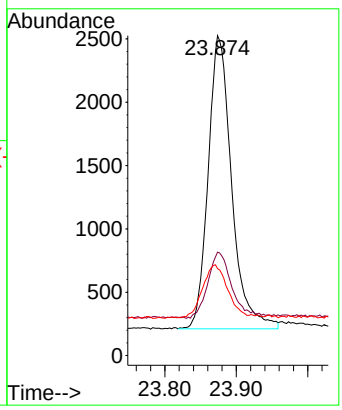


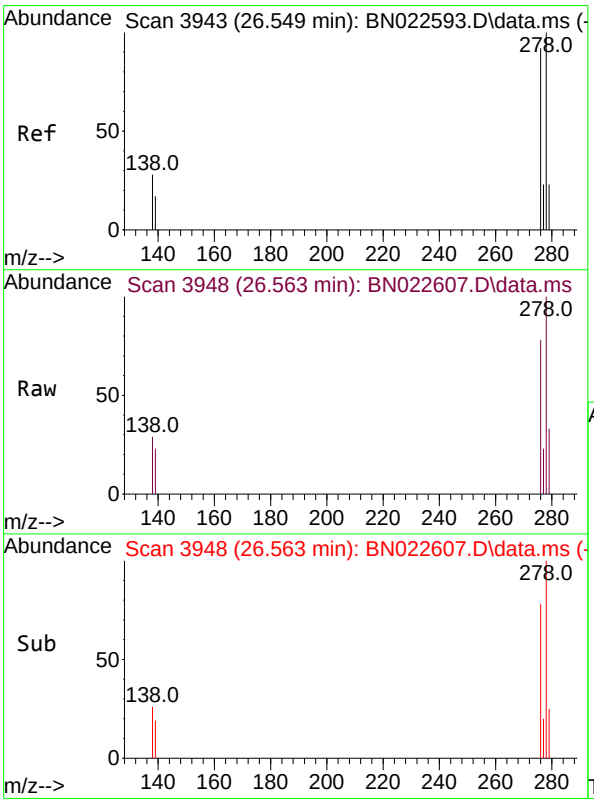
#39
Benzo(a)pyrene
Concen: 0.398 ng
RT: 23.874 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:252 Resp: 5293

Ion	Ratio	Lower	Upper
252	100		
253	32.3	24.7	37.1
125	27.2	21.3	31.9

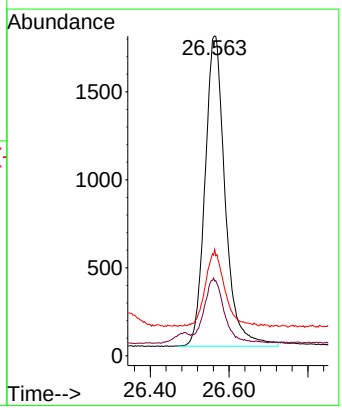


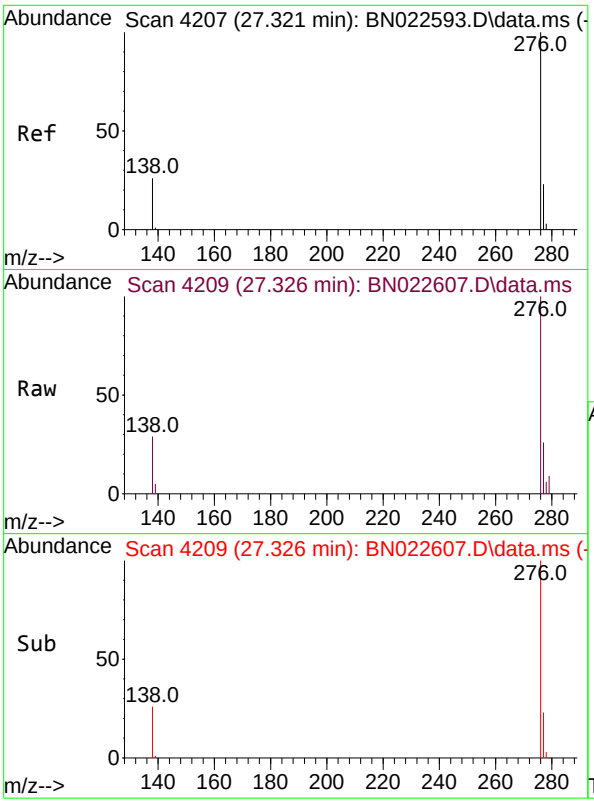


#40
Dibenzo(a,h)anthracene
Concen: 0.407 ng
RT: 26.563 min Scan# 3948
Delta R.T. 0.015 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Tgt Ion:278 Resp: 6244

Ion	Ratio	Lower	Upper
278	100		
139	23.4	19.1	28.7
279	33.3	23.7	35.5





#41
Benzo(g,h,i)perylene
Concen: 0.412 ng
RT: 27.326 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN022607.D
Acq: 11 Nov 2022 11:38

Instrument :
BNA_N
ClientSampleId :
PB148932BS

Tgt Ion:276 Resp: 6661

Ion	Ratio	Lower	Upper
276	100		
277	26.3	20.6	31.0
138	28.5	23.0	34.4