Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
Data File : BN023625.D
Acq On : 12 Jan 2023 00:28
Operator : CG/JU
Sample : PB150174BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Quant Time: Jan 12 01:51:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 00:22:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	3719	0.400	ng		0.00
7) Naphthalene-d8	10.765	136	11074	0.400	ng		0.00
13) Acenaphthene-d10	14.591	164	6080	0.400	ng		0.00
19) Phenanthrene-d10	17.340	188	13647	0.400	ng		0.00
29) Chrysene-d12	21.536	240	11258	0.400	ng		0.00
35) Perylene-d12	23.957	264	9414	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.493	112	3468	0.470	ng		0.00
5) Phenol-d6	7.111	99	4337	0.456	ng		0.00
8) Nitrobenzene-d5	9.110	82	3694	0.443	ng		0.00
11) 2-Methylnaphthalene-d10	12.352	152	6950	0.455	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	1131	0.429	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	11567	0.471	ng		0.00
27) Fluoranthene-d10	19.376	212	14645	0.438	ng		0.00
31) Terphenyl-d14	19.970	244	13834	0.485	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	1646	0.493	ng		98
3) n-Nitrosodimethylamine	3.673	42	1796	0.480	ng		98
6) bis(2-Chloroethyl)ether	7.371	93	4829	0.482	ng		100
9) Naphthalene	10.808	128	13446	0.459	ng		100
10) Hexachlorobutadiene	11.096	225	2742	0.463	ng	#	99
12) 2-Methylnaphthalene	12.424	142	9473	0.451	ng		99
16) Acenaphthylene	14.313	152	10433	0.425	ng		99
17) Acenaphthene	14.656	154	8048	0.447	ng		99
18) Fluorene	15.639	166	11183	0.463	ng		99
20) 4,6-Dinitro-2-methylph...	15.726	198	631	0.425	ng		95
21) 4-Bromophenyl-phenylether	16.533	248	3443	0.443	ng		94
22) Hexachlorobenzene	16.645	284	4380	0.450	ng		100
23) Atrazine	16.806	200	2242	0.418	ng		99
24) Pentachlorophenol	16.992	266	2307	0.686	ng		96
25) Phenanthrene	17.377	178	18008	0.451	ng		99
26) Anthracene	17.477	178	13613	0.425	ng		99
28) Fluoranthene	19.406	202	19626	0.434	ng		100
30) Pyrene	19.768	202	19777	0.459	ng		100
32) Benzo(a)anthracene	21.518	228	16809	0.462	ng		99
33) Chrysene	21.571	228	18969	0.473	ng		98
34) Bis(2-ethylhexyl)phtha...	21.437	149	7787	0.458	ng		99
36) Indeno(1,2,3-cd)pyrene	26.480	276	18994	0.450	ng		100
37) Benzo(b)fluoranthene	23.214	252	17801	0.442	ng		99
38) Benzo(k)fluoranthene	23.261	252	16982	0.433	ng		99
39) Benzo(a)pyrene	23.849	252	12977	0.428	ng		99
40) Dibenzo(a,h)anthracene	26.500	278	14998	0.444	ng		100
41) Benzo(g,h,i)perylene	27.258	276	15306	0.443	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
Data File : BN023625.D
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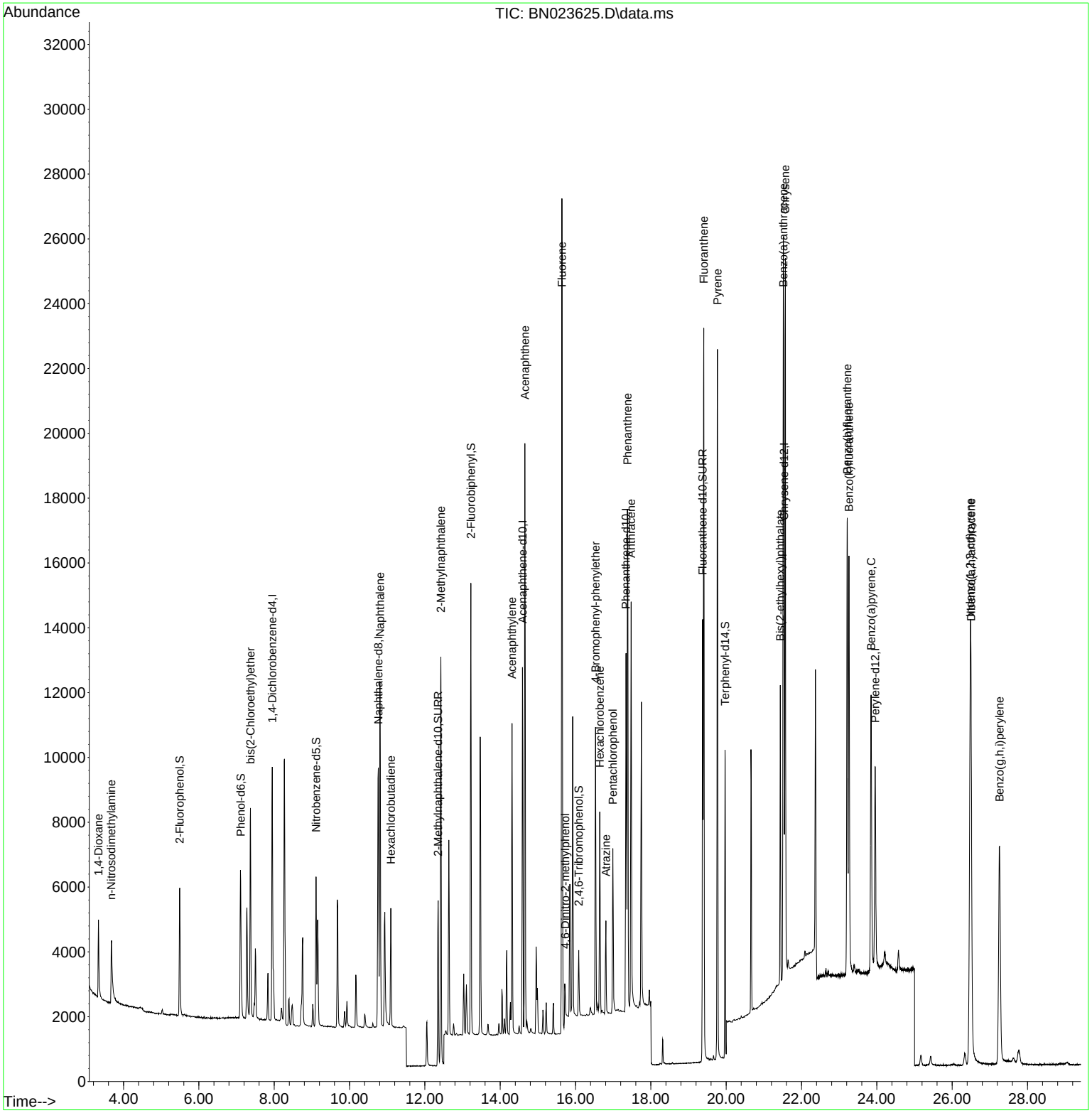
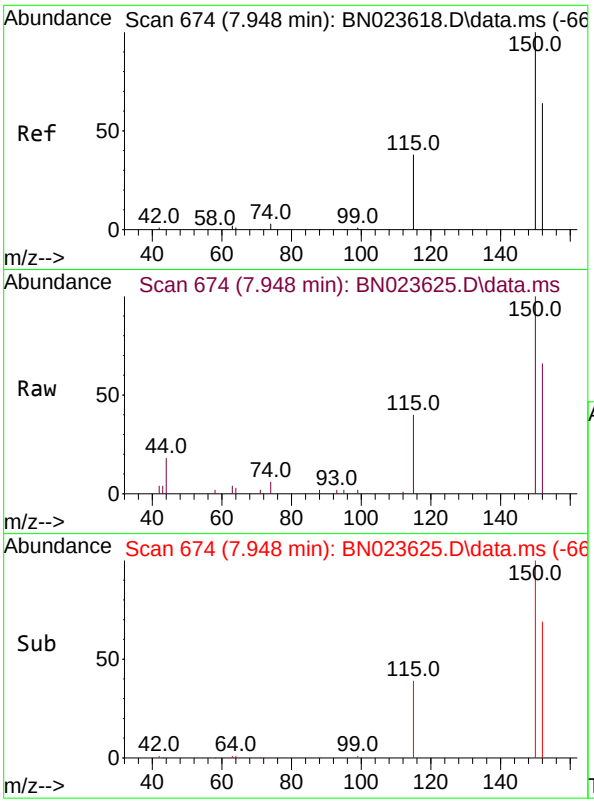
Operator : CG/JU
Sample : PB150174BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Quant Time: Jan 12 01:51:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 00:22:07 2023
Response via : Initial Calibration



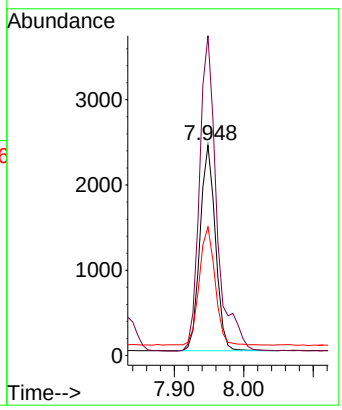


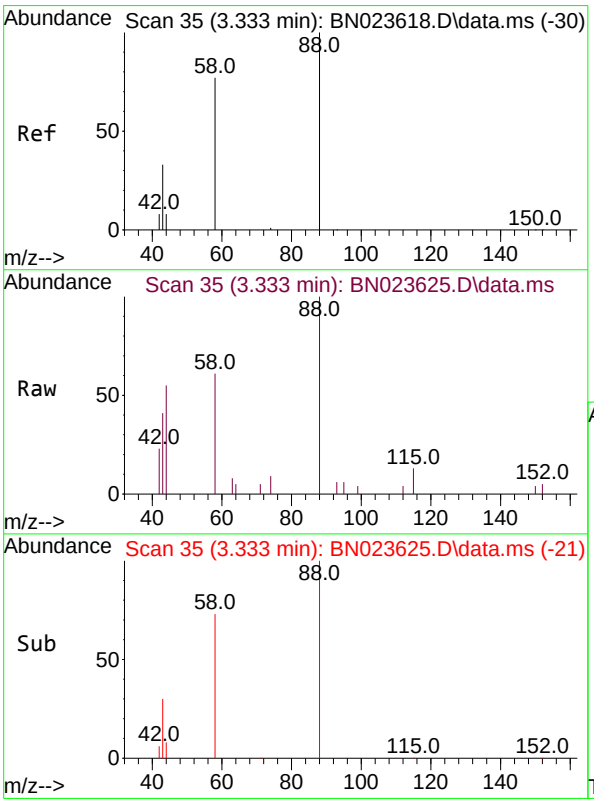
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.948 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:152 Resp: 3719

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.8	185.8
115	61.2	50.6	75.8

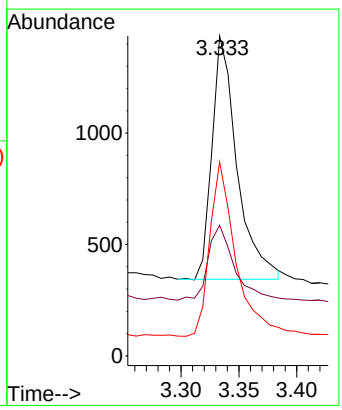


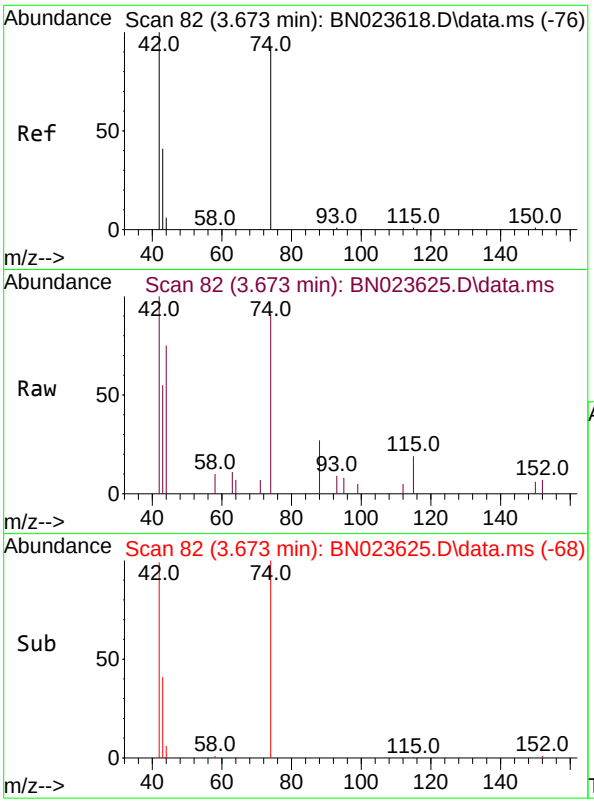


#2
1,4-Dioxane
Concen: 0.493 ng
RT: 3.333 min Scan# 35
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion: 88 Resp: 1646

Ion	Ratio	Lower	Upper
88	100		
43	32.0	26.2	39.2
58	73.9	60.6	90.8



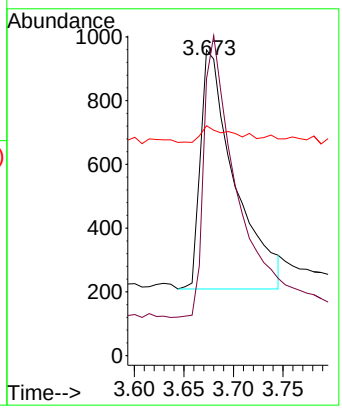


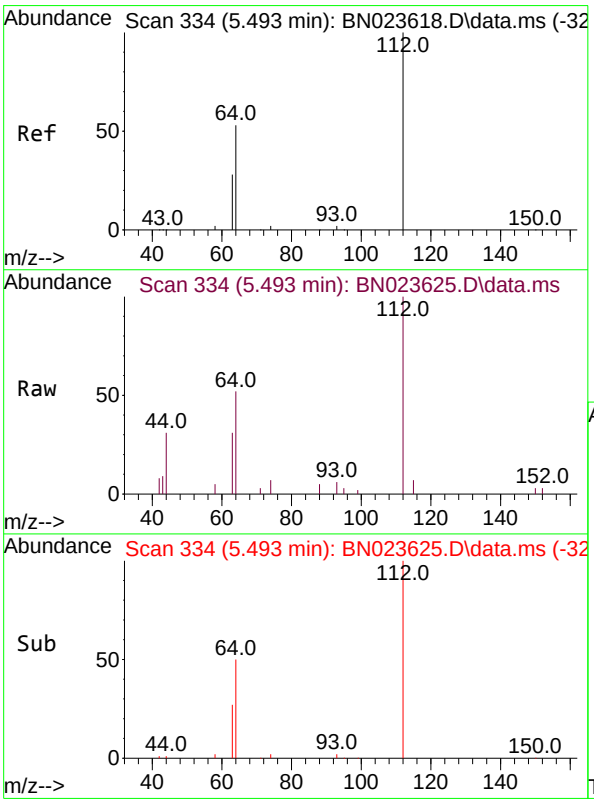
#3
n-Nitrosodimethylamine
Concen: 0.480 ng
RT: 3.673 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion: 42 Resp: 1796

Ion	Ratio	Lower	Upper
42	100		
74	113.4	92.1	138.1
44	6.6	5.4	8.0

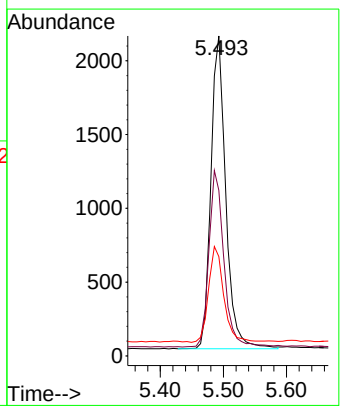


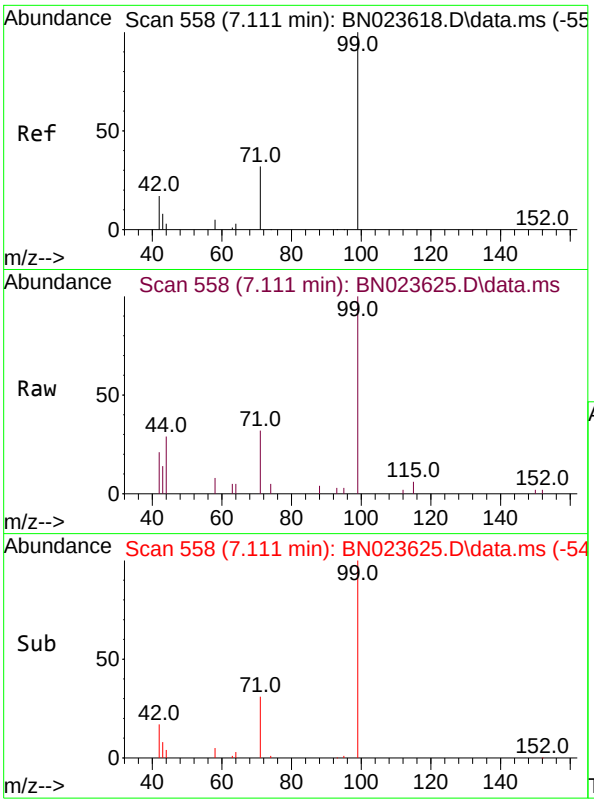


#4
2-Fluorophenol
Concen: 0.470 ng
RT: 5.493 min Scan# 334
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:112 Resp: 3468

Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.9	67.3
63	31.3	24.9	37.3



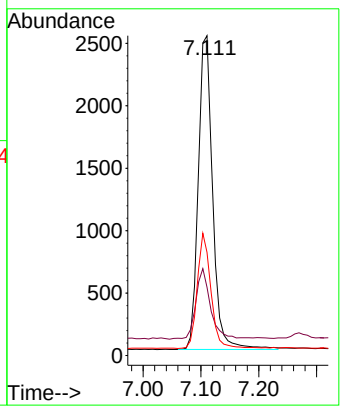


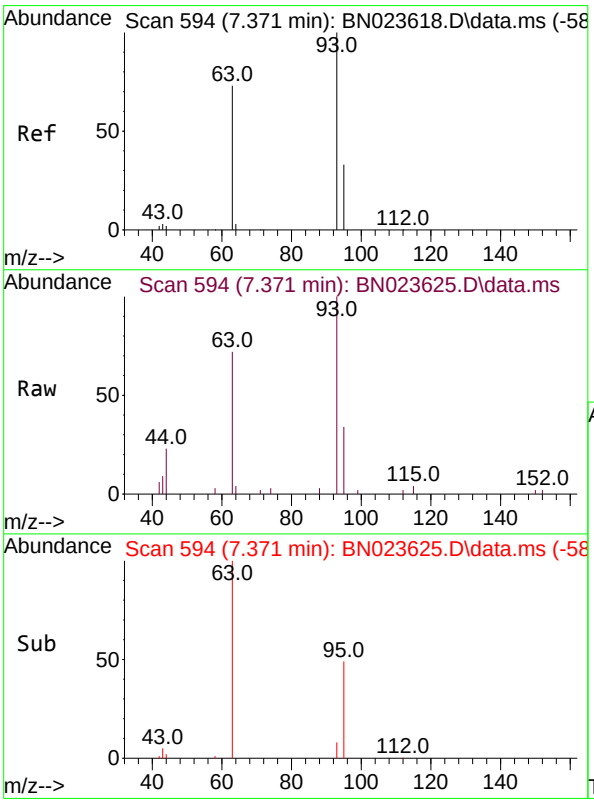
#5
Phenol-d6
Concen: 0.456 ng
RT: 7.111 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion: 99 Resp: 4337

Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.8	28.2
71	34.7	28.2	42.4

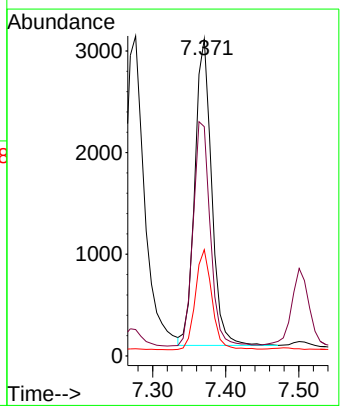


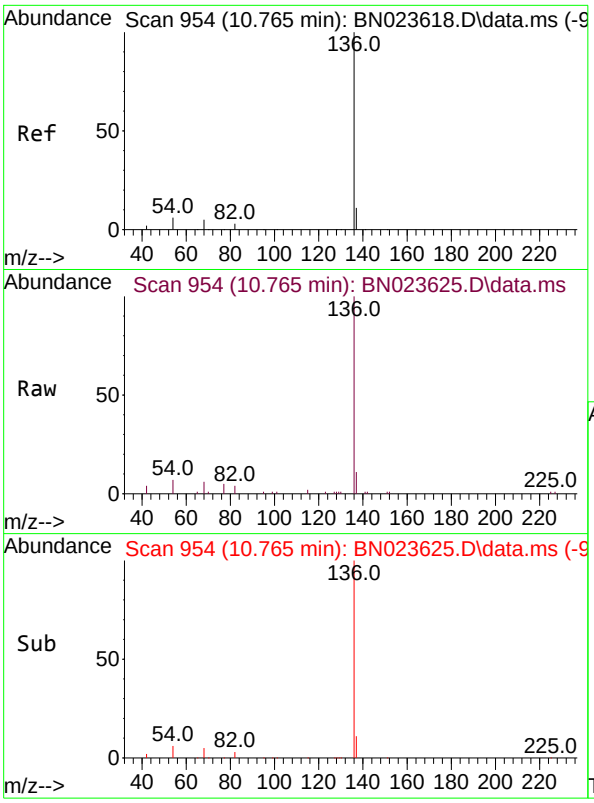


#6
bis(2-Chloroethyl)ether
Concen: 0.482 ng
RT: 7.371 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion: 93 Resp: 4829

Ion	Ratio	Lower	Upper
93	100		
63	74.6	59.6	89.4
95	32.3	25.3	37.9



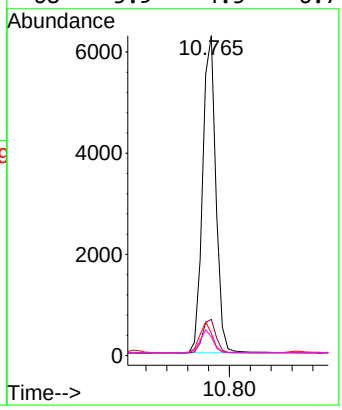


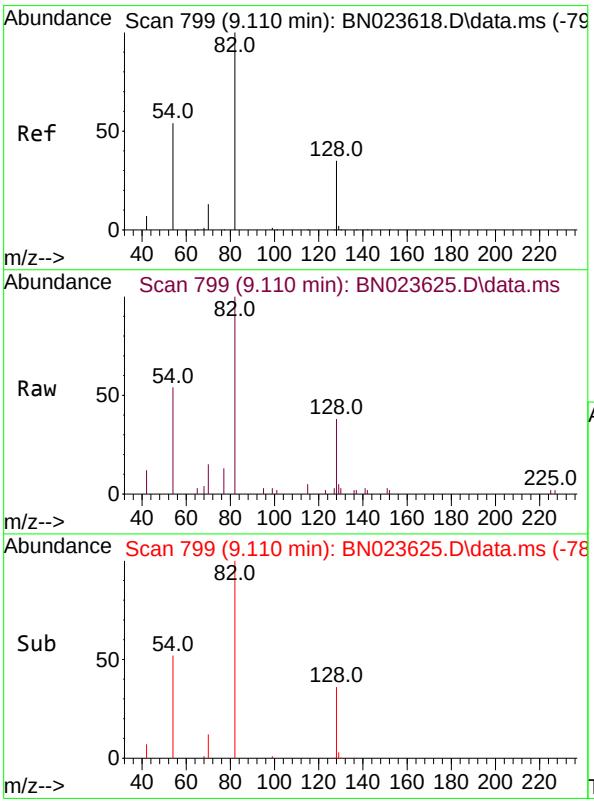
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.765 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:136 Resp: 11074

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.0	5.7	8.5
68	5.9	4.5	6.7

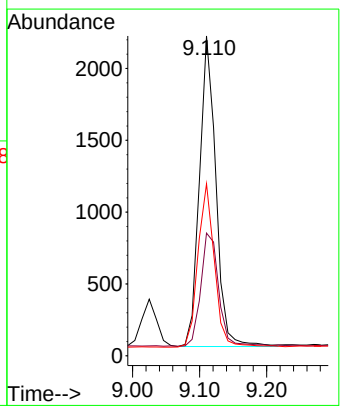


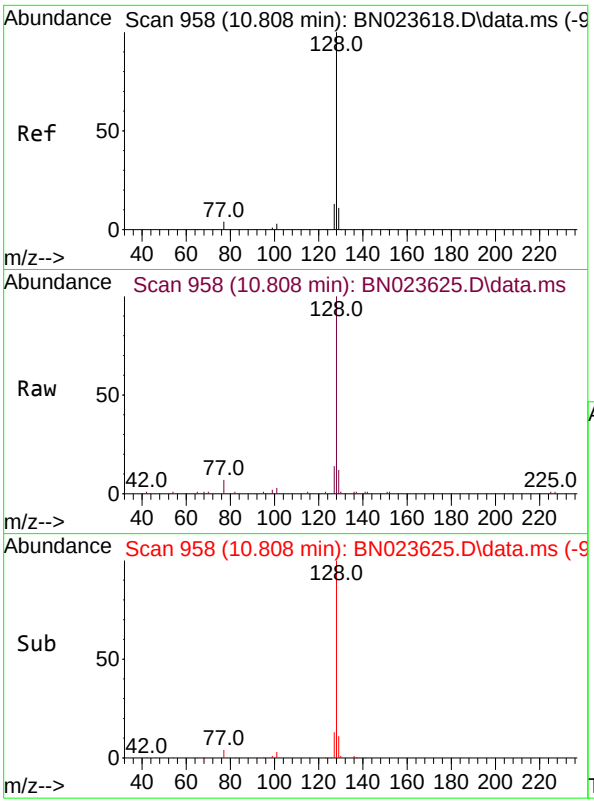


#8
Nitrobenzene-d5
Concen: 0.443 ng
RT: 9.110 min Scan# 799
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion: 82 Resp: 3694

Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.8	44.8
54	53.8	43.9	65.9



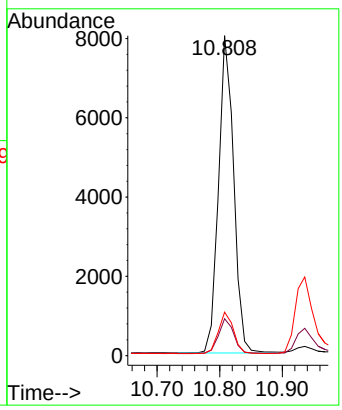


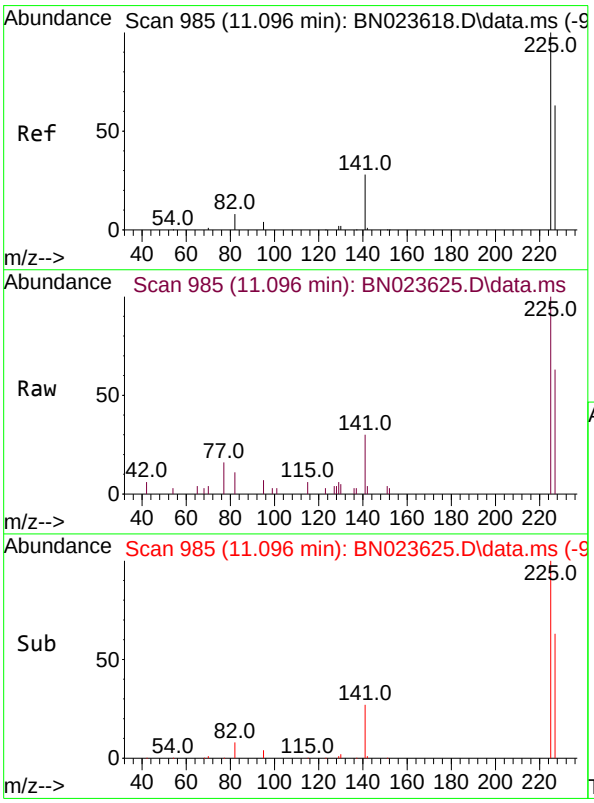
#9
Naphthalene
Concen: 0.459 ng
RT: 10.808 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:128 Resp: 13446

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.6	11.0	16.4

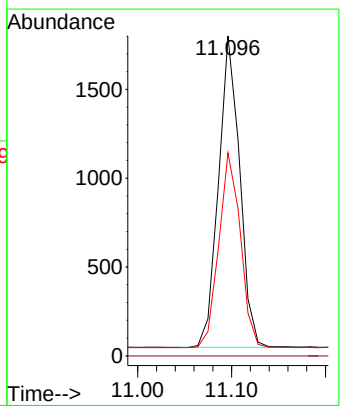


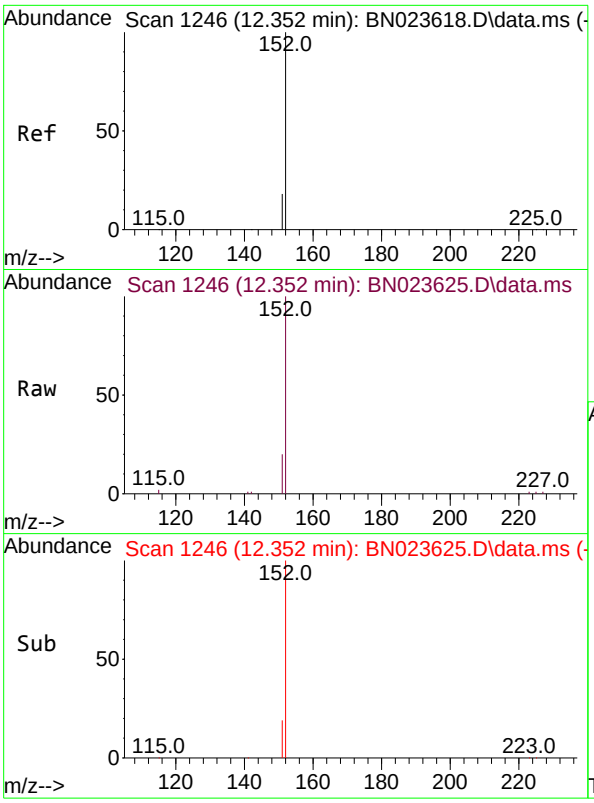


#10
Hexachlorobutadiene
Concen: 0.463 ng
RT: 11.096 min Scan# 985
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:225 Resp: 2742

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.8	77.6



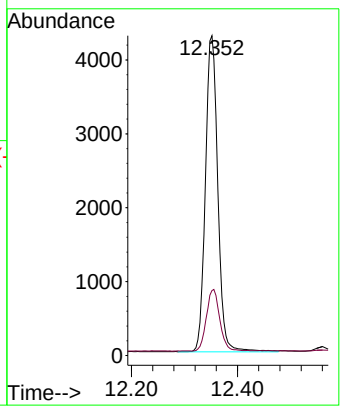


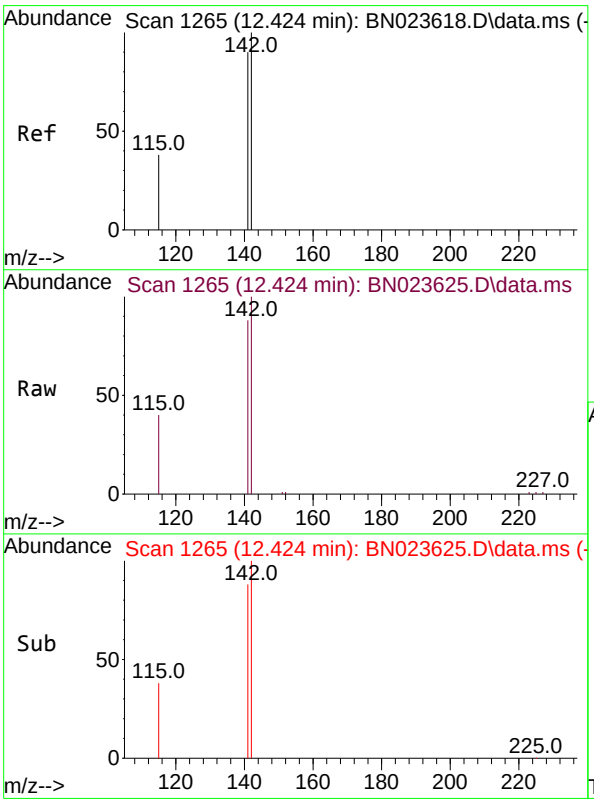
#11
2-Methylnaphthalene-d10
Concen: 0.455 ng
RT: 12.352 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:152 Resp: 6950

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3

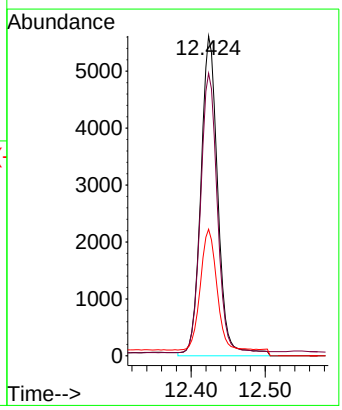


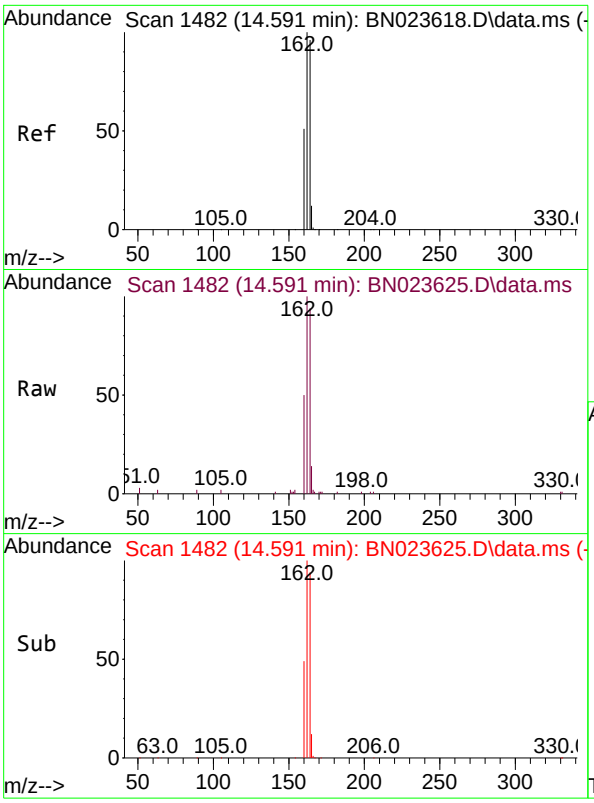


#12
2-Methylnaphthalene
Concen: 0.451 ng
RT: 12.424 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:142 Resp: 9473

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.0	108.0
115	39.6	31.7	47.5



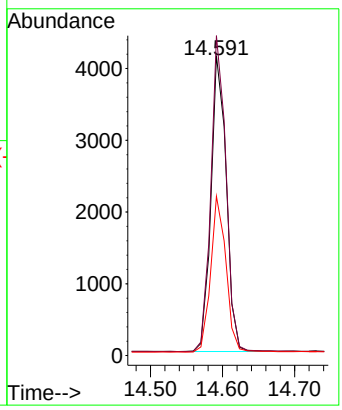


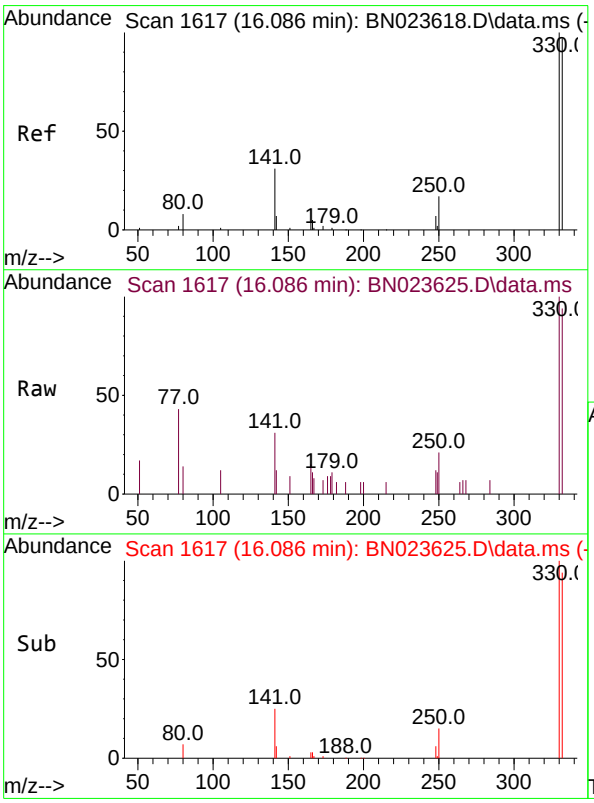
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.591 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:164 Resp: 6080

Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.4	125.2
160	53.1	42.7	64.1

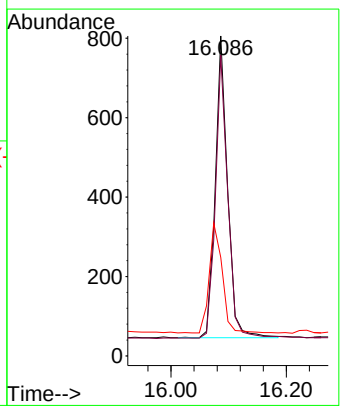


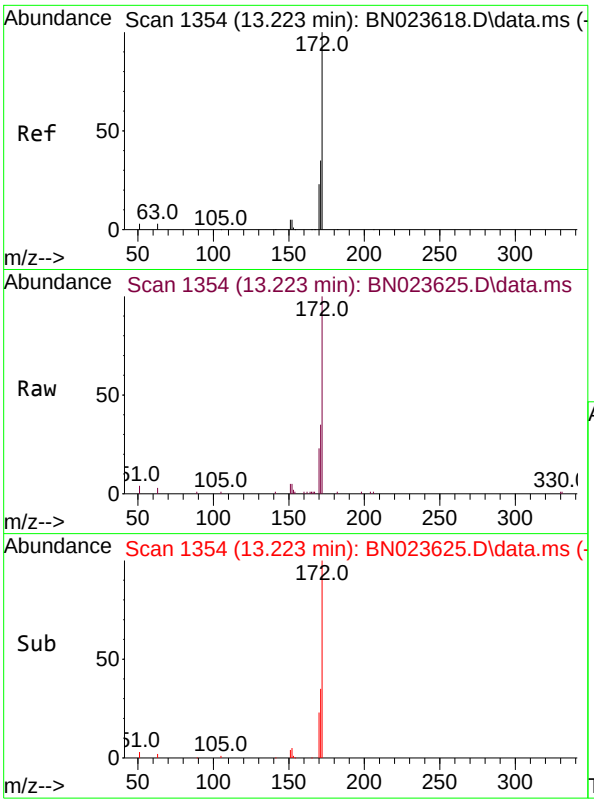


#14
2,4,6-Tribromophenol
Concen: 0.429 ng
RT: 16.086 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:330 Resp: 1131

Ion	Ratio	Lower	Upper
330	100		
332	93.3	78.1	117.1
141	38.3	33.4	50.0



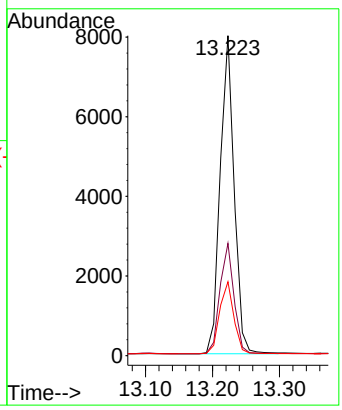


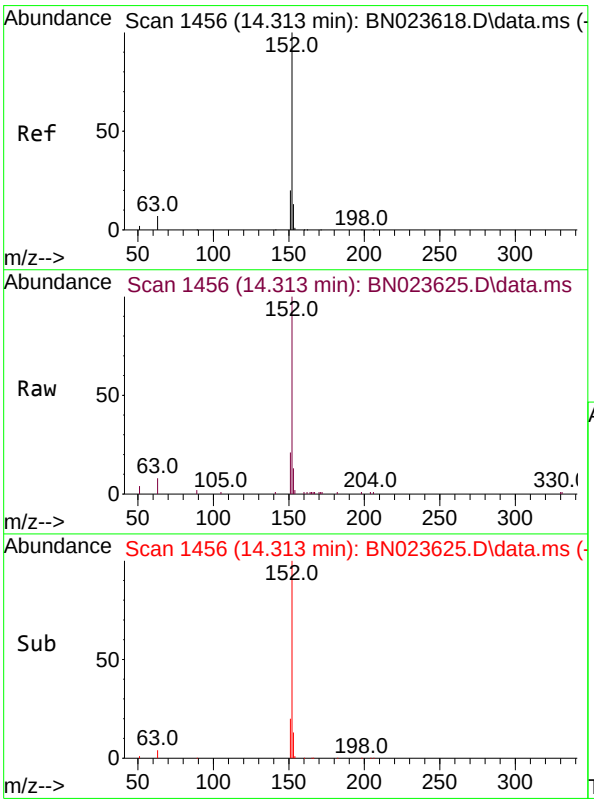
#15
2-Fluorobiphenyl
Concen: 0.471 ng
RT: 13.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:172 Resp: 11567

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.1	19.0	28.4

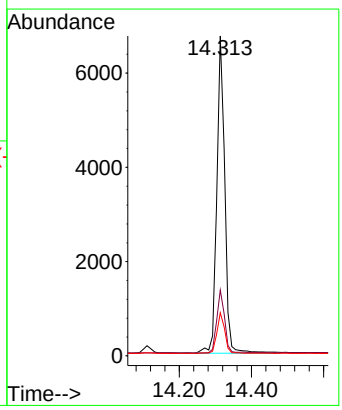


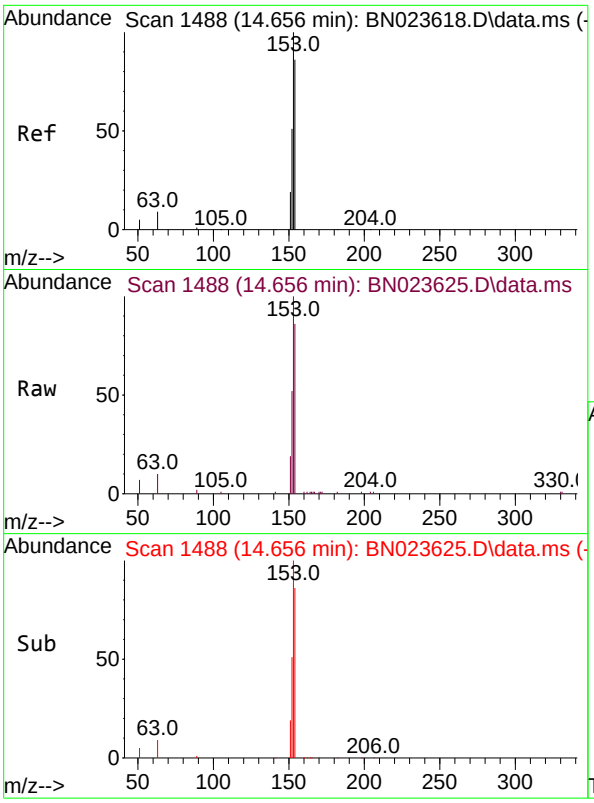


#16
Acenaphthylene
Concen: 0.425 ng
RT: 14.313 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:152 Resp: 10433

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.6	23.4
153	12.6	10.5	15.7



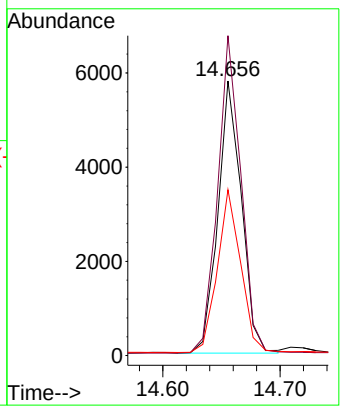


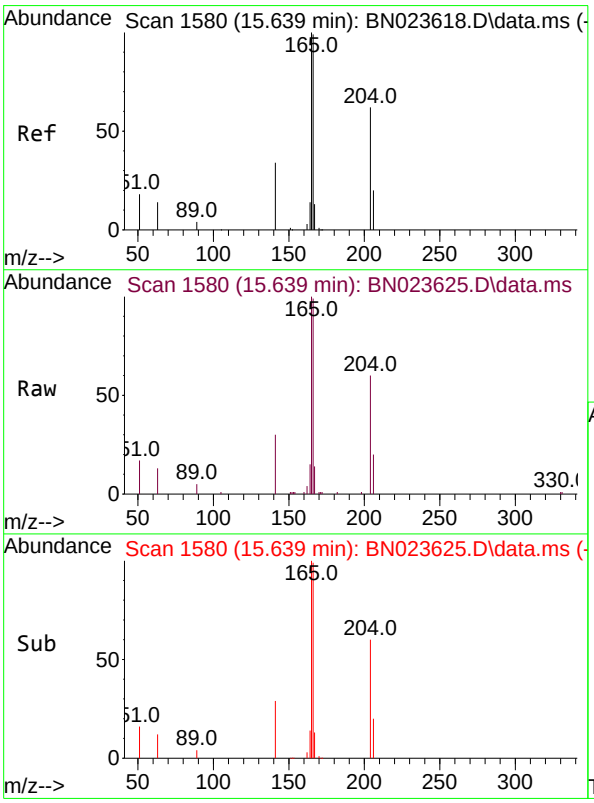
#17
Acenaphthene
Concen: 0.447 ng
RT: 14.656 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:154 Resp: 8048

Ion	Ratio	Lower	Upper
154	100		
153	116.2	92.4	138.6
152	59.8	48.2	72.2

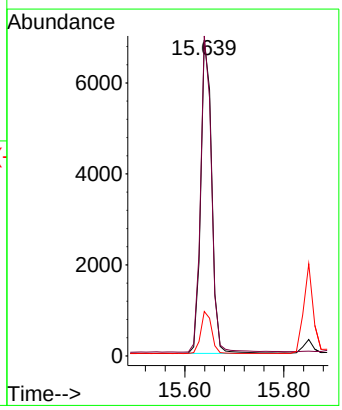


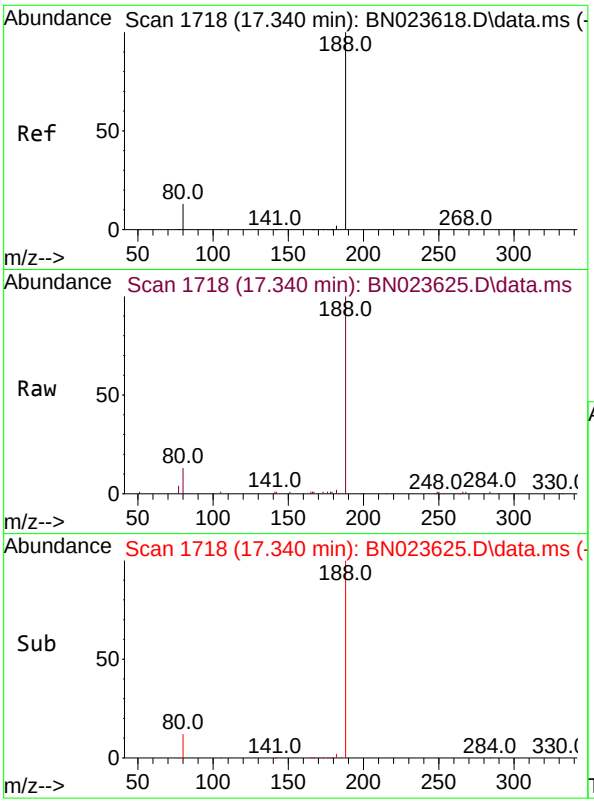


#18
Fluorene
Concen: 0.463 ng
RT: 15.639 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:166 Resp: 11183

Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.4	120.6
167	13.3	10.6	16.0



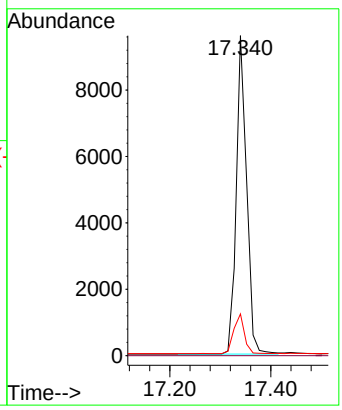


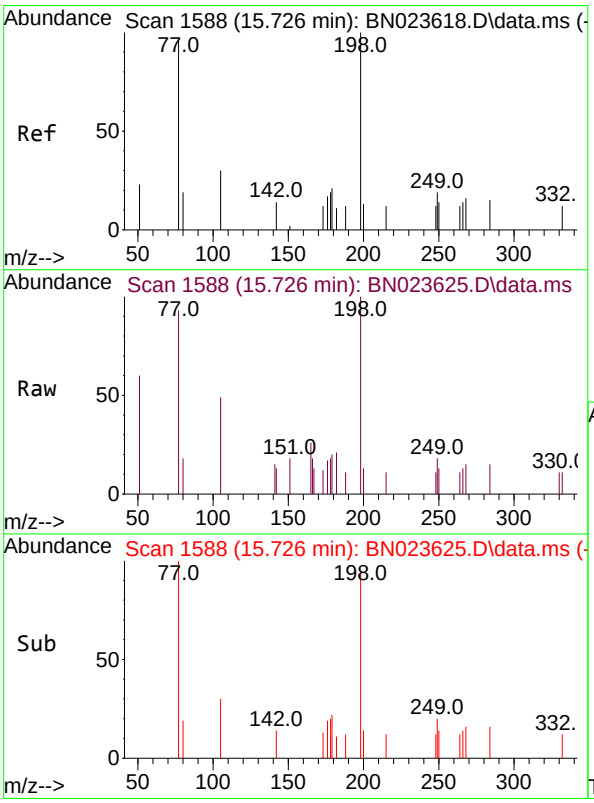
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.340 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:188 Resp: 13647

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	11.0	16.4

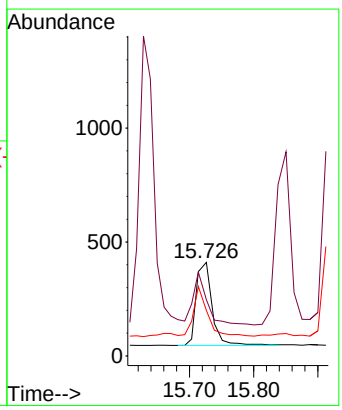


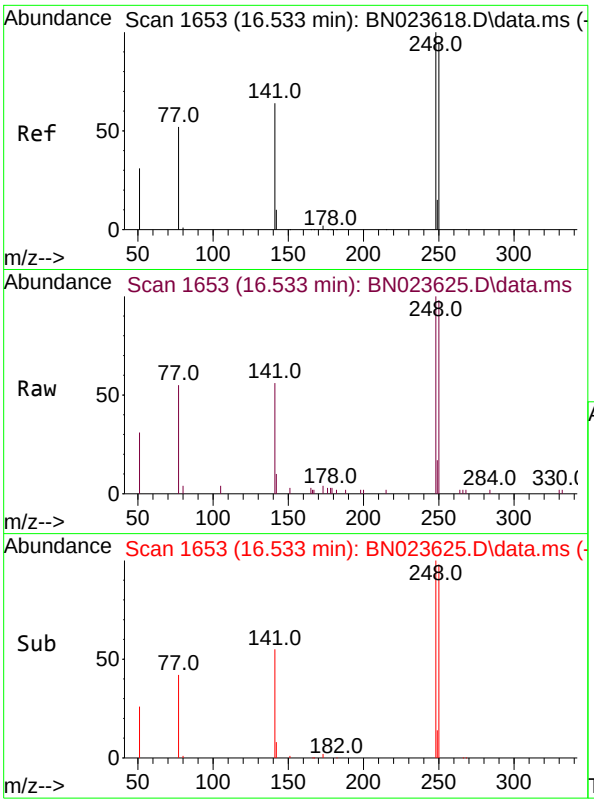


#20
4,6-Dinitro-2-methylphenol
Concen: 0.425 ng
RT: 15.726 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:198 Resp: 631

Ion	Ratio	Lower	Upper
198	100		
51	60.1	44.9	67.3
105	48.7	37.0	55.4



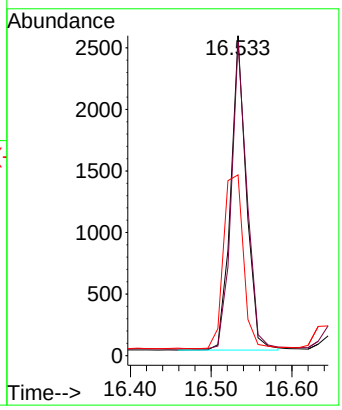


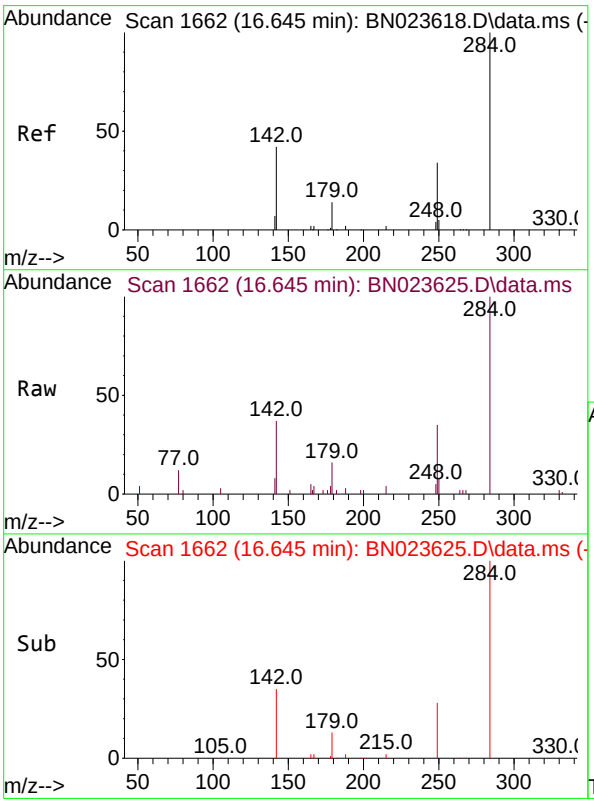
#21
4-Bromophenyl-phenylether
Concen: 0.443 ng
RT: 16.533 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:248 Resp: 3443

Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.6	114.8
141	56.5	52.3	78.5

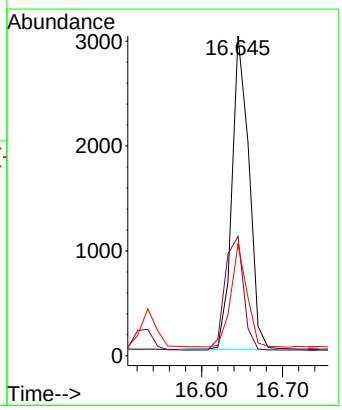


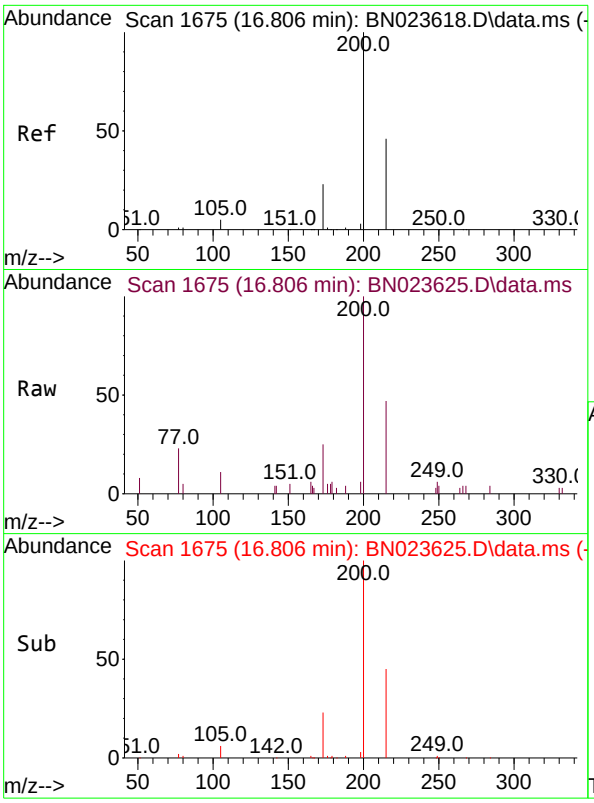


#22
Hexachlorobenzene
Concen: 0.450 ng
RT: 16.645 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:284 Resp: 4380

Ion	Ratio	Lower	Upper
284	100		
142	39.7	31.4	47.2
249	31.1	24.9	37.3



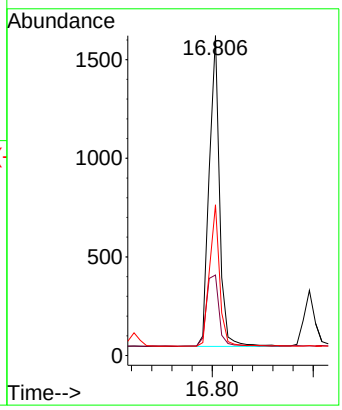


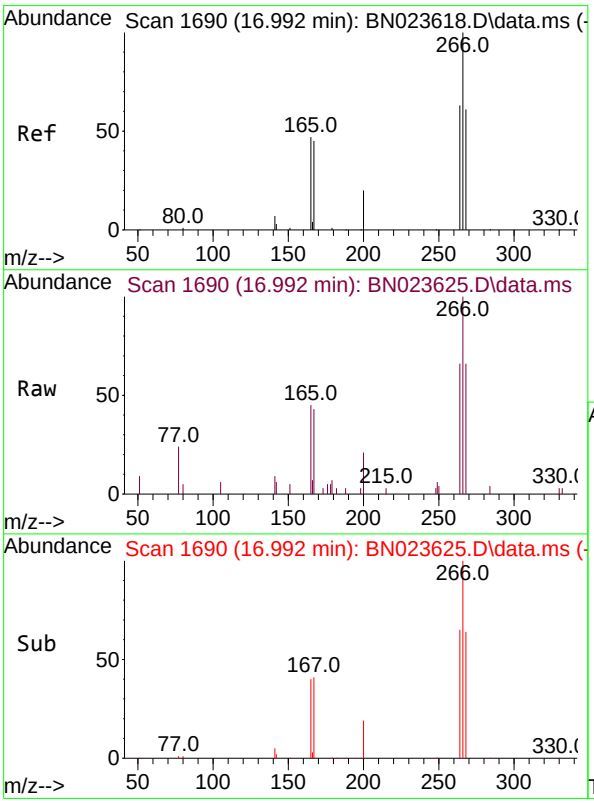
#23
Atrazine
Concen: 0.418 ng
RT: 16.806 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:200 Resp: 2242

Ion	Ratio	Lower	Upper
200	100		
173	25.2	20.4	30.6
215	47.1	38.1	57.1

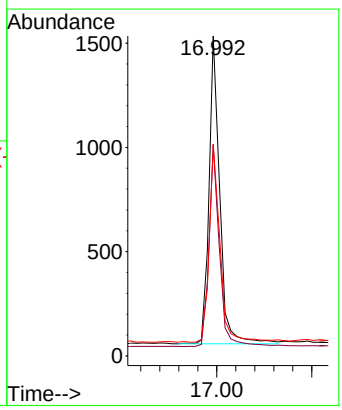


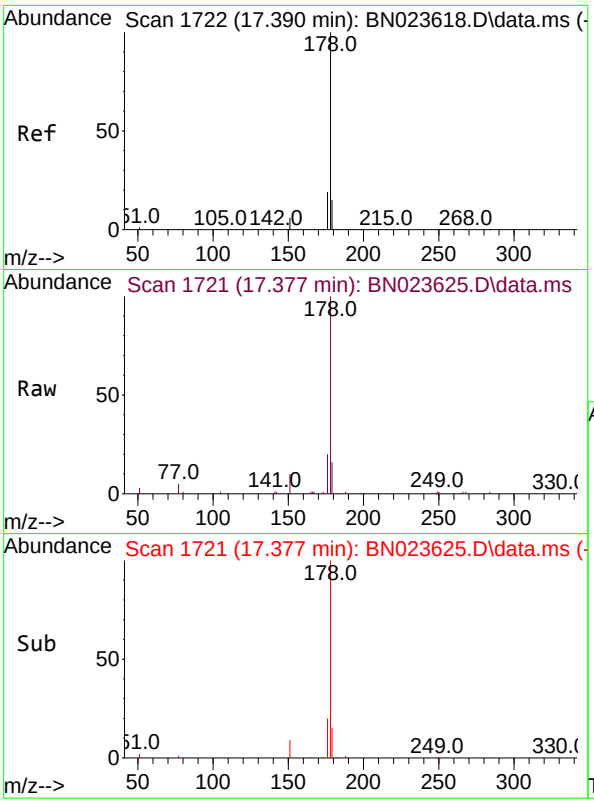


#24
Pentachlorophenol
Concen: 0.686 ng
RT: 16.992 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:266 Resp: 2307

Ion	Ratio	Lower	Upper
266	100		
264	64.5	49.7	74.5
268	65.0	49.3	73.9



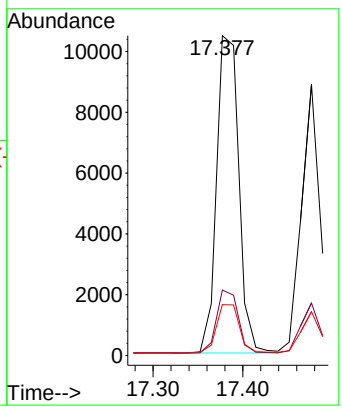


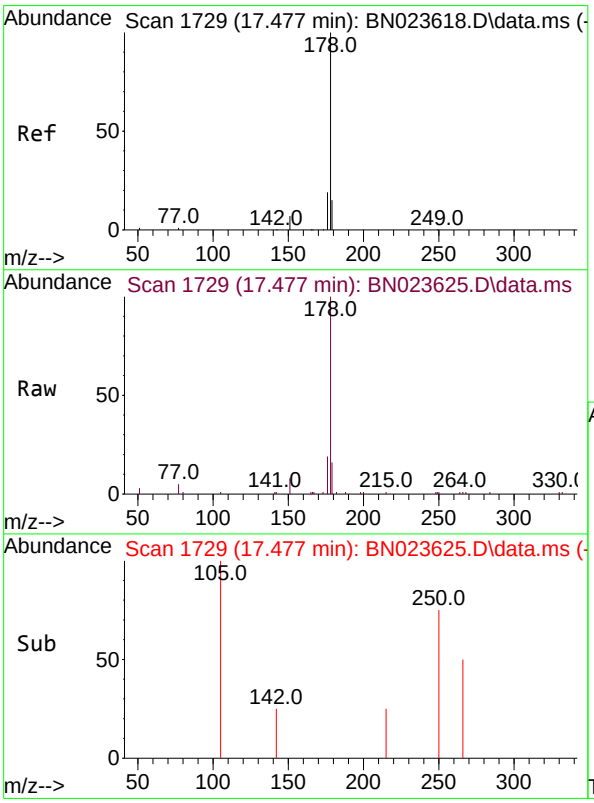
#25
Phenanthrene
Concen: 0.451 ng
RT: 17.377 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:178 Resp: 18008

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.5	12.5	18.7

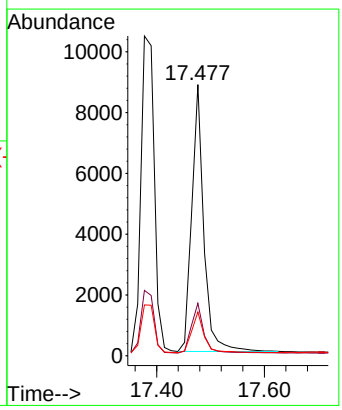


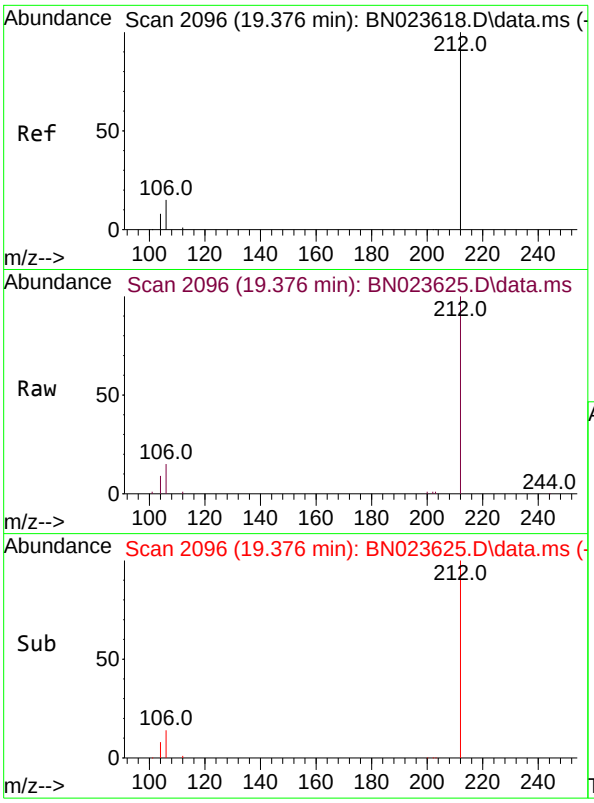


#26
Anthracene
Concen: 0.425 ng
RT: 17.477 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:178 Resp: 13613

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.6	12.2	18.2



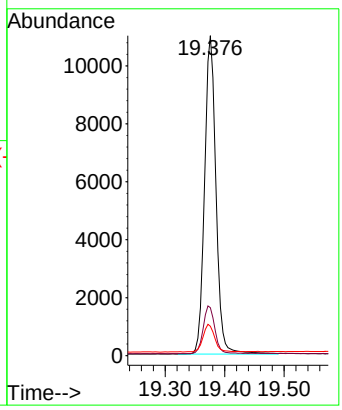


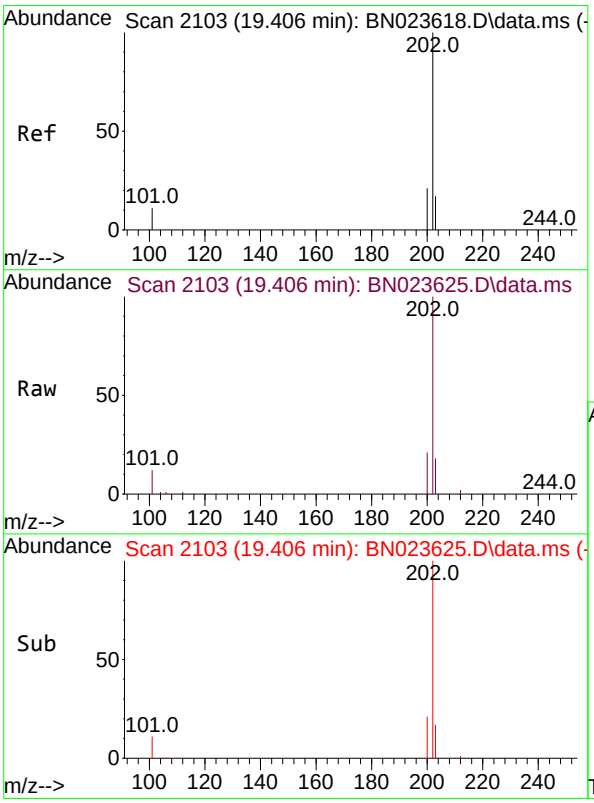
#27
Fluoranthene-d10
Concen: 0.438 ng
RT: 19.376 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:212 Resp: 14645

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.2	18.4
104	8.8	7.1	10.7

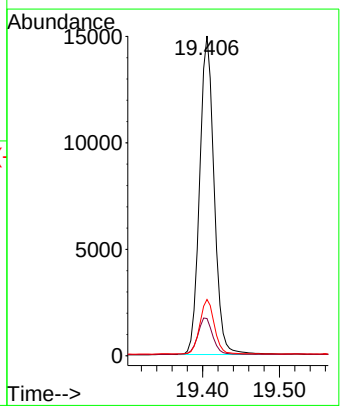


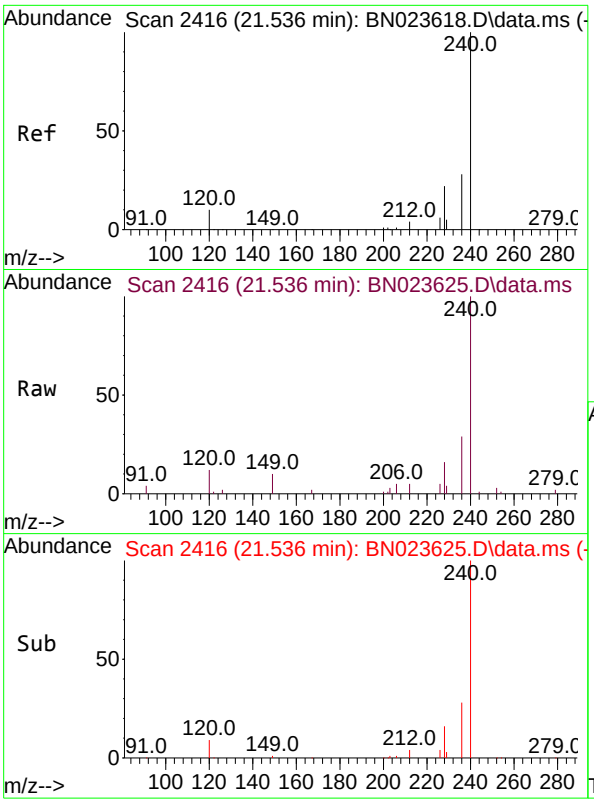


#28
Fluoranthene
Concen: 0.434 ng
RT: 19.406 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:202 Resp: 19626

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
203	17.0	13.8	20.6



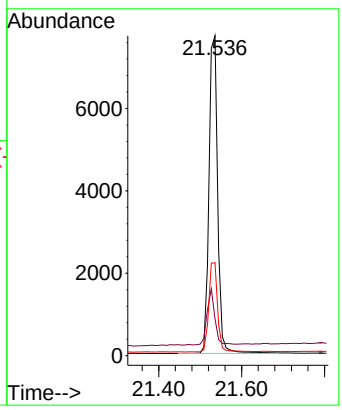


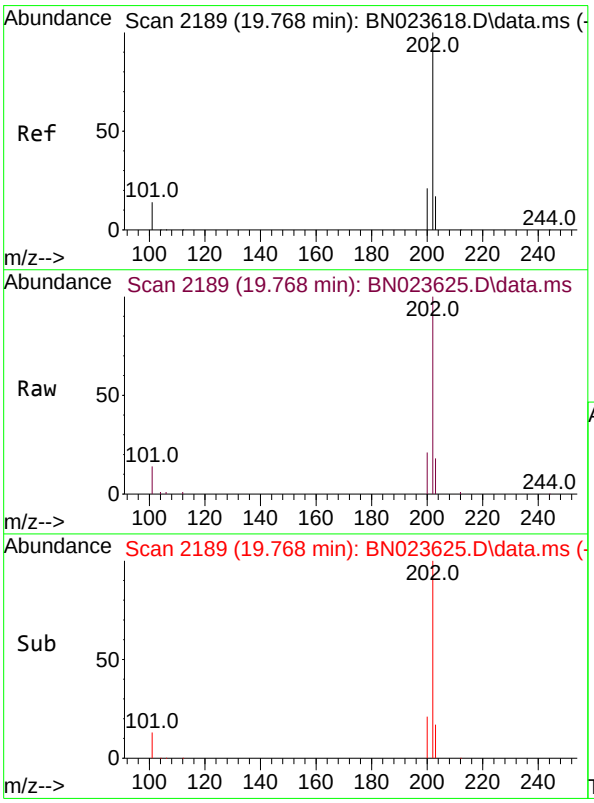
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.536 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:240 Resp: 11258

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.6	15.8
236	29.0	23.0	34.6

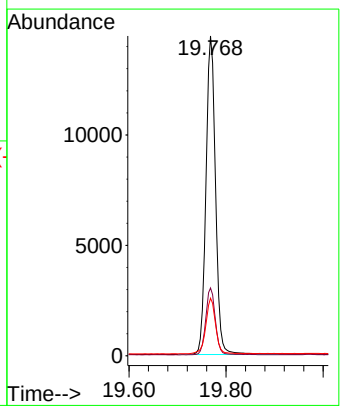


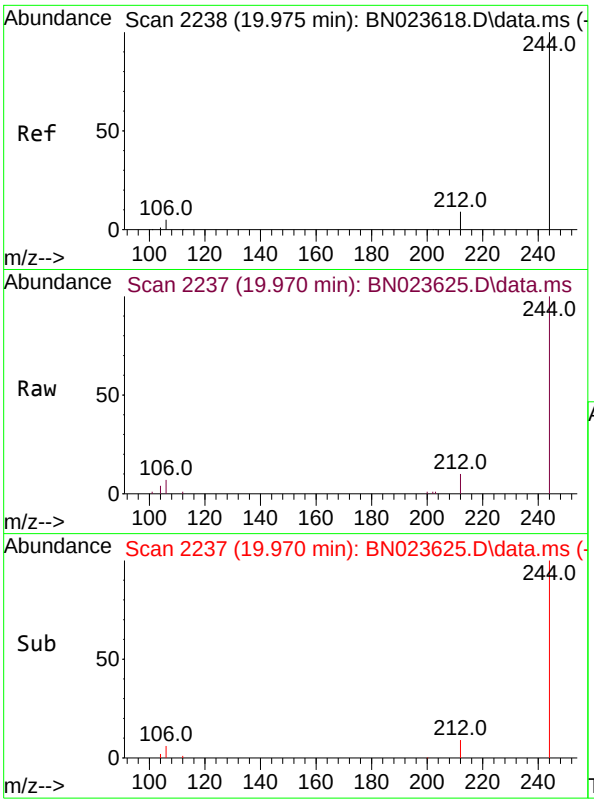


#30
Pyrene
Concen: 0.459 ng
RT: 19.768 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:202 Resp: 19777

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.8	14.2	21.2



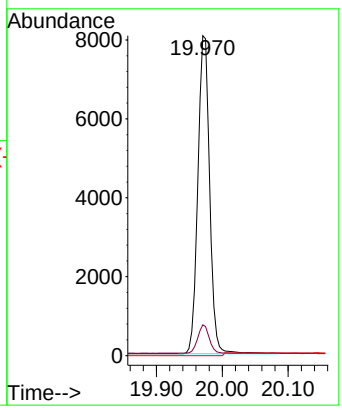


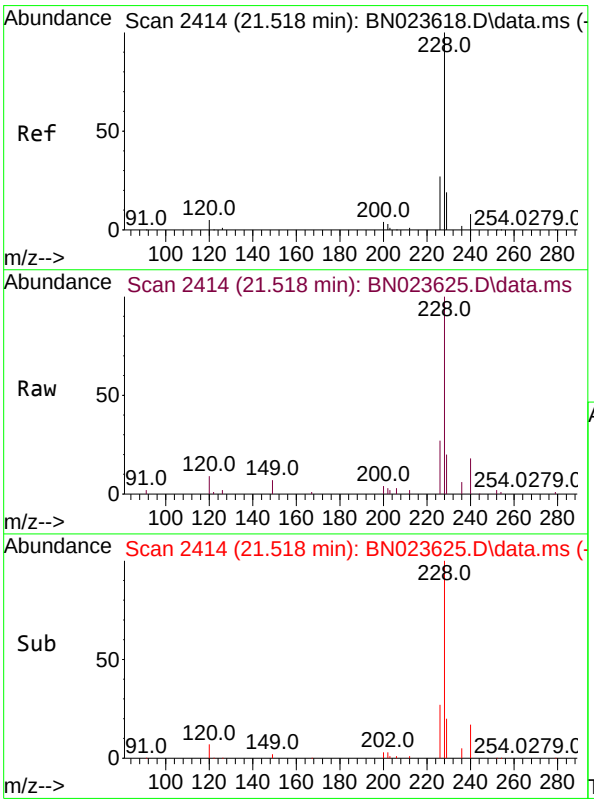
#31
Terphenyl-d14
Concen: 0.485 ng
RT: 19.970 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:244 Resp: 13834

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.5	11.3
122	0.0	0.0	0.0

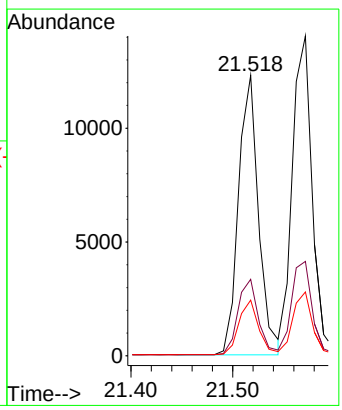


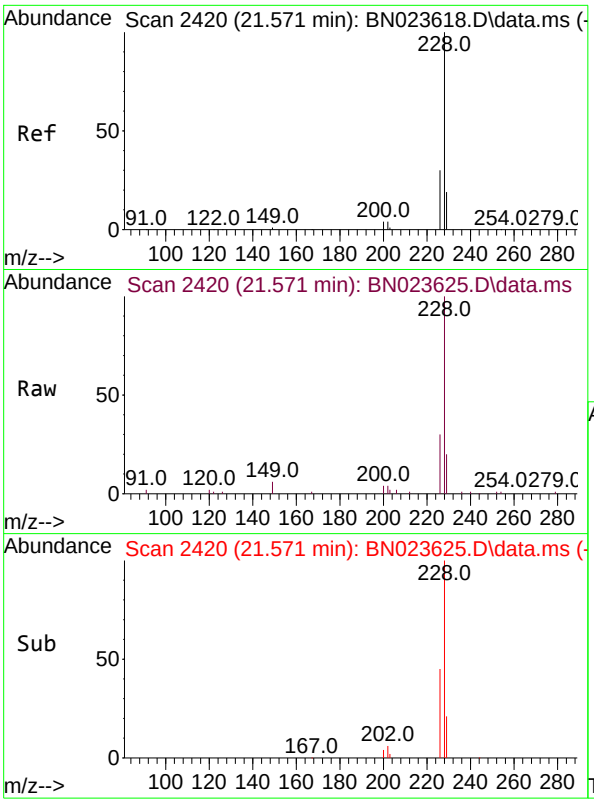


#32
Benzo(a)anthracene
Concen: 0.462 ng
RT: 21.518 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:228 Resp: 16809

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.2
229	19.9	15.7	23.5



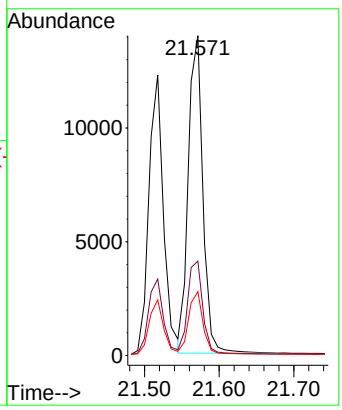


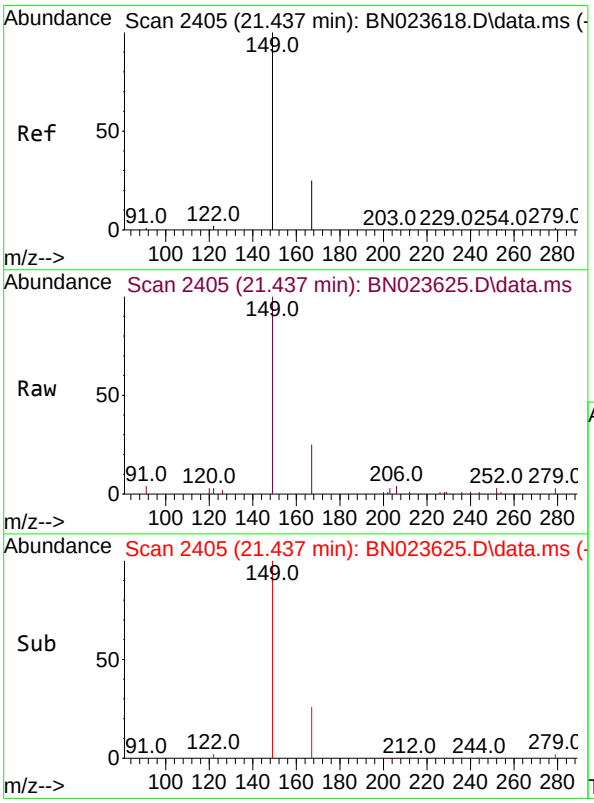
#33
Chrysene
Concen: 0.473 ng
RT: 21.571 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:228 Resp: 18969

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	20.0	15.6	23.4

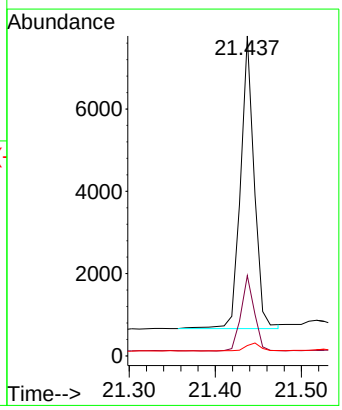


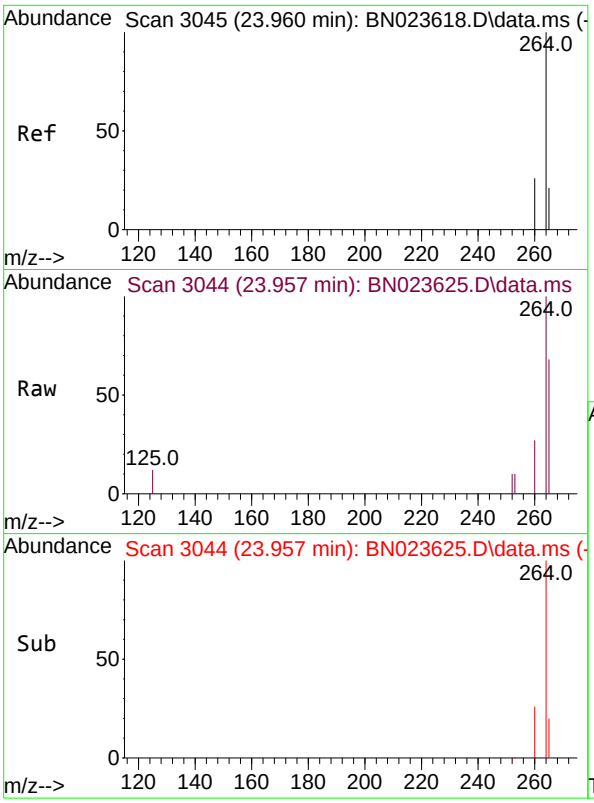


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.458 ng
RT: 21.437 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:149 Resp: 7787

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.6	30.8
279	3.1	2.6	4.0



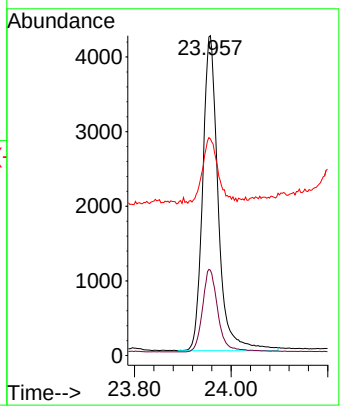


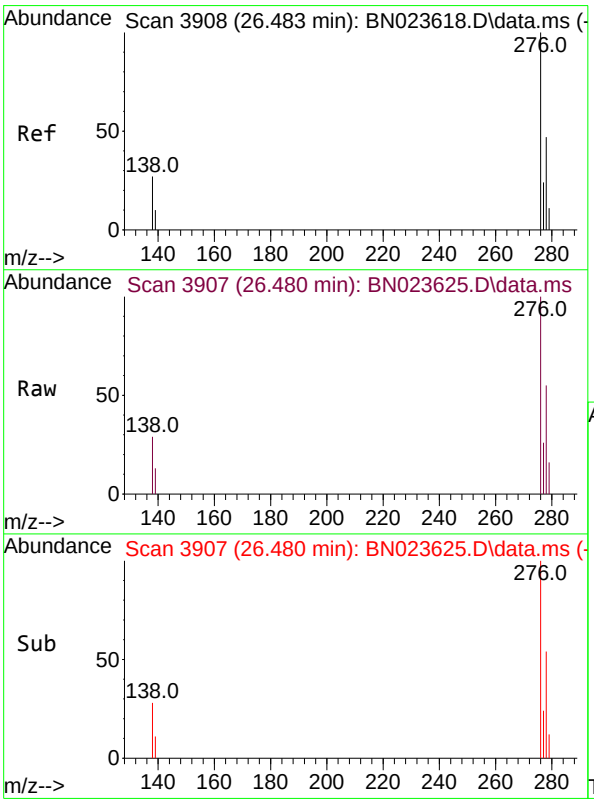
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.957 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:264 Resp: 9414

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.4	32.2
265	67.7	56.6	85.0

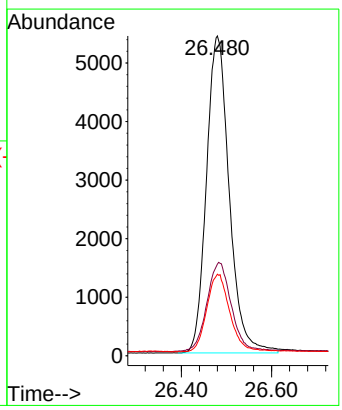


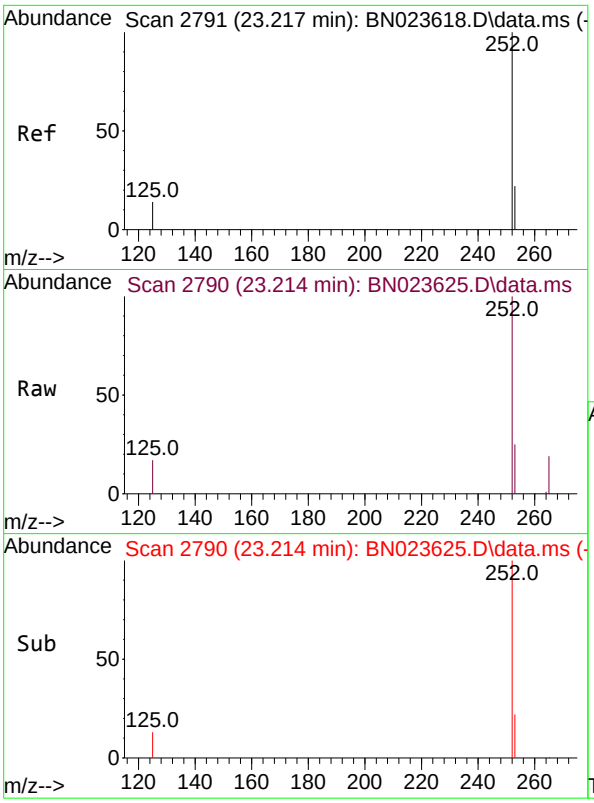


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.450 ng
RT: 26.480 min Scan# 3907
Delta R.T. -0.003 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:276 Resp: 18994

Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.8	35.8
277	24.5	19.8	29.6



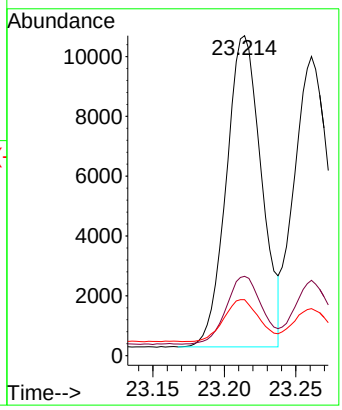


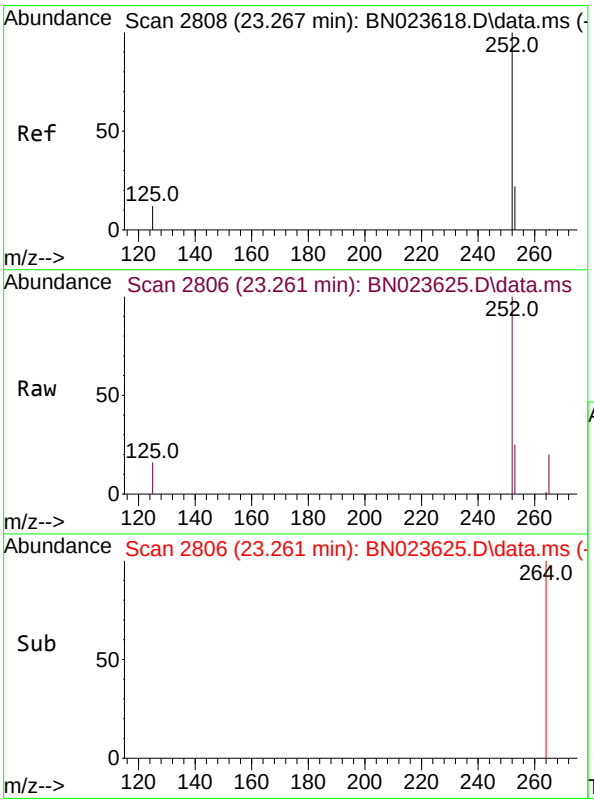
#37
Benzo(b)fluoranthene
Concen: 0.442 ng
RT: 23.214 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:252 Resp: 17801

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.0	30.0
125	17.5	14.4	21.6

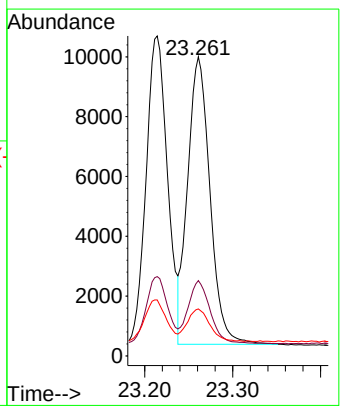


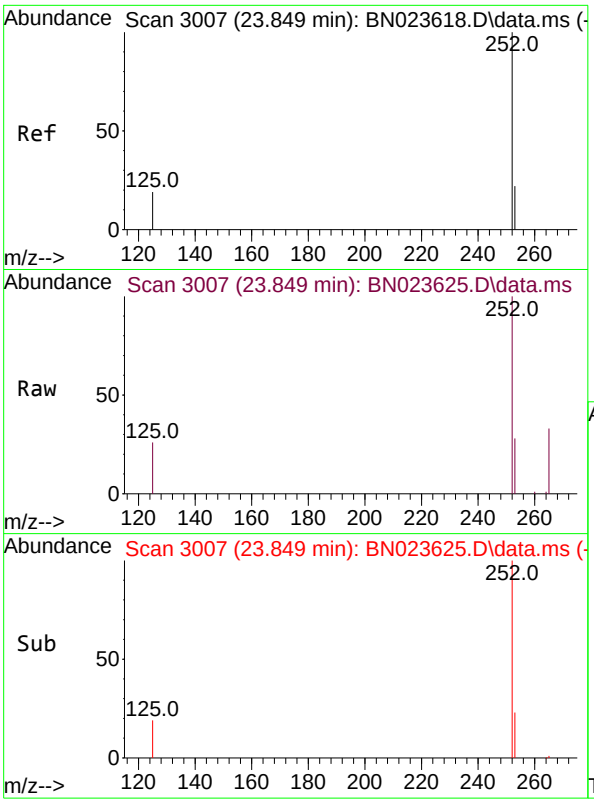


#38
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 23.261 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:252 Resp: 16982

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.2	30.2
125	15.7	13.0	19.4



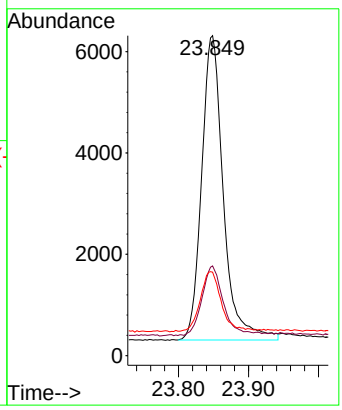


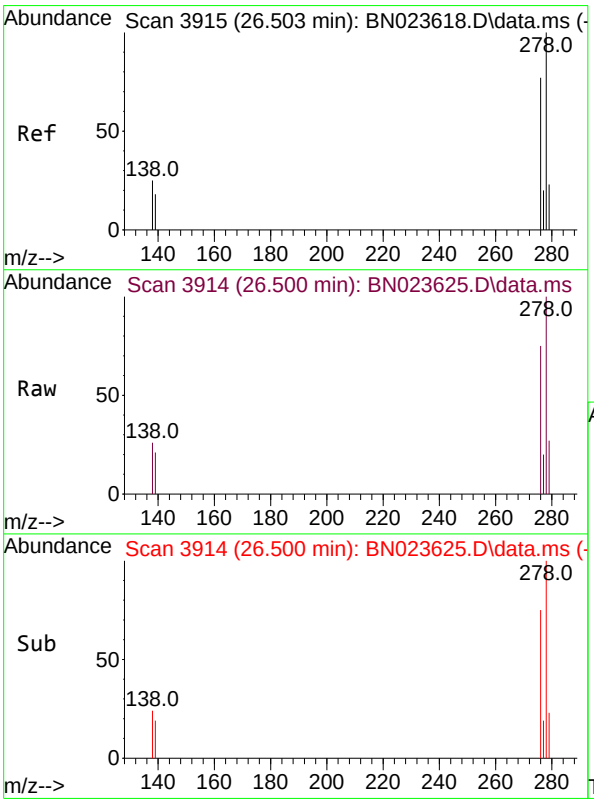
#39
Benzo(a)pyrene
Concen: 0.428 ng
RT: 23.849 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:252 Resp: 12977

Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.3	33.5
125	26.1	21.2	31.8

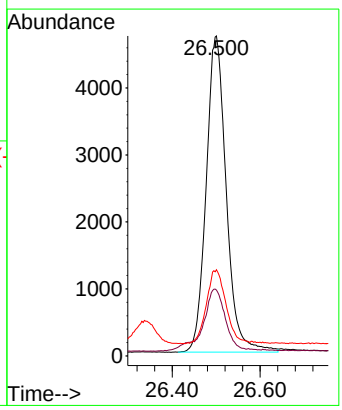


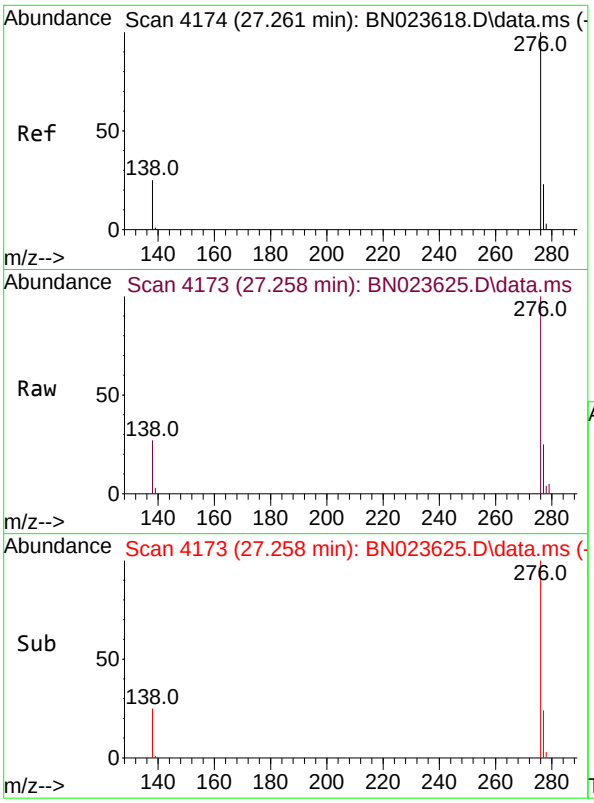


#40
Dibenzo(a,h)anthracene
Concen: 0.444 ng
RT: 26.500 min Scan# 3914
Delta R.T. -0.003 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Tgt Ion:278 Resp: 14998

Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.8	25.2
279	26.9	21.5	32.3





#41
Benzo(g,h,i)perylene
Concen: 0.443 ng
RT: 27.258 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN023625.D
Acq: 12 Jan 2023 00:28

Instrument :
BNA_N
ClientSampleId :
PB150174BS

Tgt Ion:276 Resp: 15306

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.6	29.4
138	26.7	21.5	32.3