Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101722\
Data File : BN022145.D
Acq On : 17 Oct 2022 10:47
Operator : CG/JU
Sample : PB148337BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Quant Time: Oct 17 15:27:12 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 13 01:51:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	4016	0.400	ng		-0.01
7) Naphthalene-d8	10.784	136	13695	0.400	ng		-0.01
13) Acenaphthene-d10	14.621	164	7928	0.400	ng		-0.01
19) Phenanthrene-d10	17.387	188	15882	0.400	ng		0.00
29) Chrysene-d12	21.582	240	10445	0.400	ng		0.00
35) Perylene-d12	24.049	264	8418	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.479	112	4519	0.486	ng		-0.01
5) Phenol-d6	7.112	99	6085	0.504	ng		-0.01
8) Nitrobenzene-d5	9.129	82	4850	0.440	ng		-0.01
11) 2-Methylnaphthalene-d10	12.380	152	9371	0.372	ng		-0.01
14) 2,4,6-Tribromophenol	16.121	330	1304	0.431	ng		-0.01
15) 2-Fluorobiphenyl	13.253	172	13364	0.386	ng		-0.01
27) Fluoranthene-d10	19.420	212	16267	0.385	ng		0.00
31) Terphenyl-d14	20.015	244	9527	0.454	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.298	88	1926	0.371	ng		99
3) n-Nitrosodimethylamine	3.638	42	2136	0.378	ng	#	90
6) bis(2-Chloroethyl)ether	7.379	93	5259	0.412	ng		98
9) Naphthalene	10.837	128	16367	0.396	ng		100
10) Hexachlorobutadiene	11.115	225	2666	0.372	ng	#	99
12) 2-Methylnaphthalene	12.085	142	3540	0.578	ng	#	89
16) Acenaphthylene	14.343	152	15799	0.419	ng		100
17) Acenaphthene	14.685	154	10405	0.392	ng		98
18) Fluorene	15.679	166	14388	0.450	ng		98
20) 4,6-Dinitro-2-methylph...	15.761	198	355	0.306	ng		96
21) 4-Bromophenyl-phenylether	16.568	248	3995	0.413	ng		96
22) Hexachlorobenzene	16.680	284	4641	0.386	ng		100
23) Atrazine	16.841	200	2919	0.406	ng		97
24) Pentachlorophenol	17.040	266	1221	0.331	ng		98
25) Phenanthrene	17.424	178	21663	0.397	ng		100
26) Anthracene	17.511	178	18172	0.415	ng		99
28) Fluoranthene	19.449	202	21739	0.372	ng		100
30) Pyrene	19.816	202	21573	0.470	ng		100
32) Benzo(a)anthracene	21.564	228	16300	0.415	ng		99
33) Chrysene	21.618	228	16675	0.383	ng		99
34) Bis(2-ethylhexyl)phtha...	21.483	149	12510	0.664	ng		98
36) Indeno(1,2,3-cd)pyrene	26.636	276	15380	0.362	ng		99
37) Benzo(b)fluoranthene	23.292	252	14251	0.357	ng		99
38) Benzo(k)fluoranthene	23.339	252	14279	0.359	ng		100
39) Benzo(a)pyrene	23.938	252	11554	0.380	ng		98
40) Dibenzo(a,h)anthracene	26.660	278	12211	0.360	ng		99
41) Benzo(g,h,i)perylene	27.438	276	12530	0.342	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101722\
Data File : BN022145.D
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Instrument :
BNA_N
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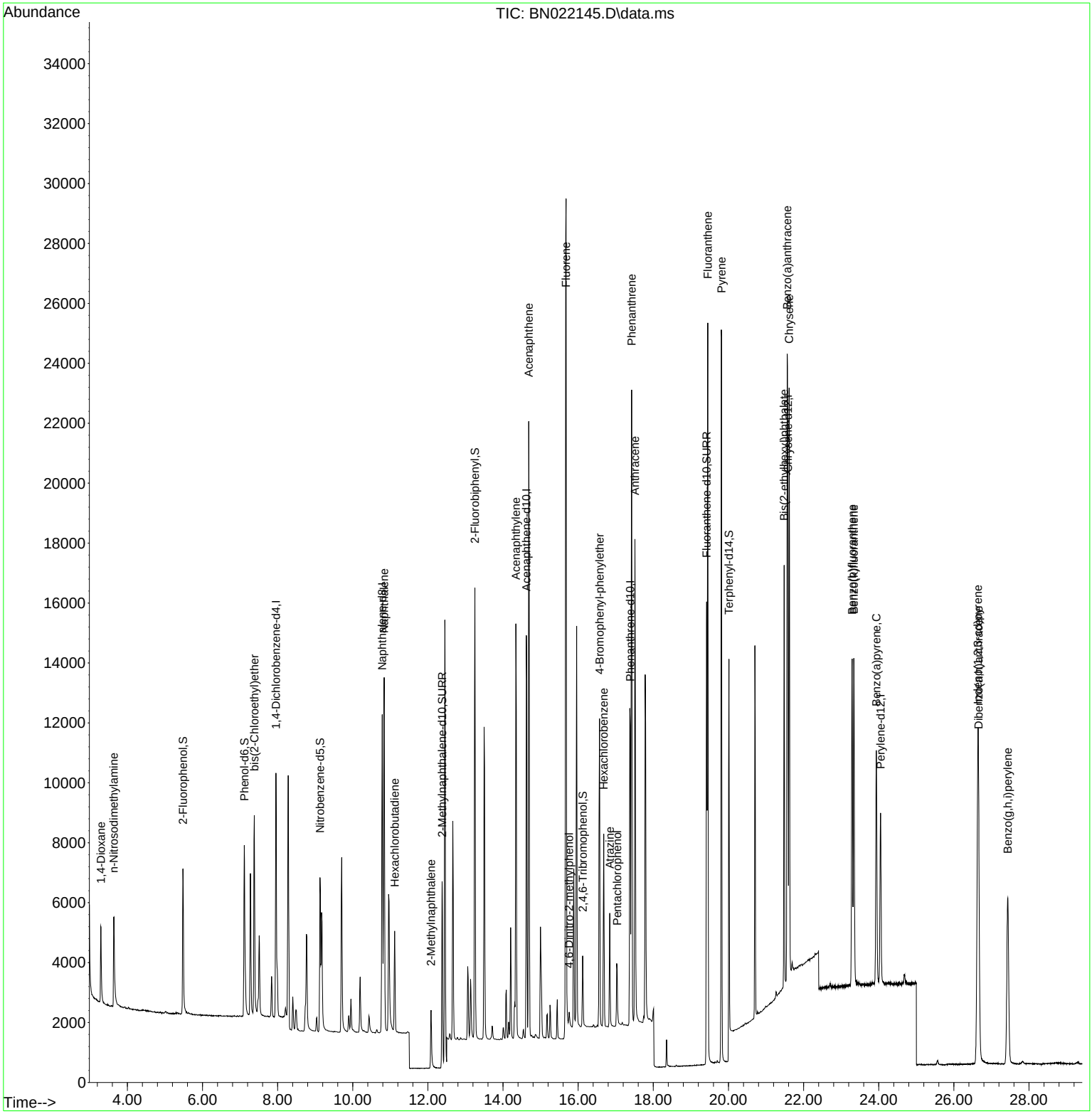
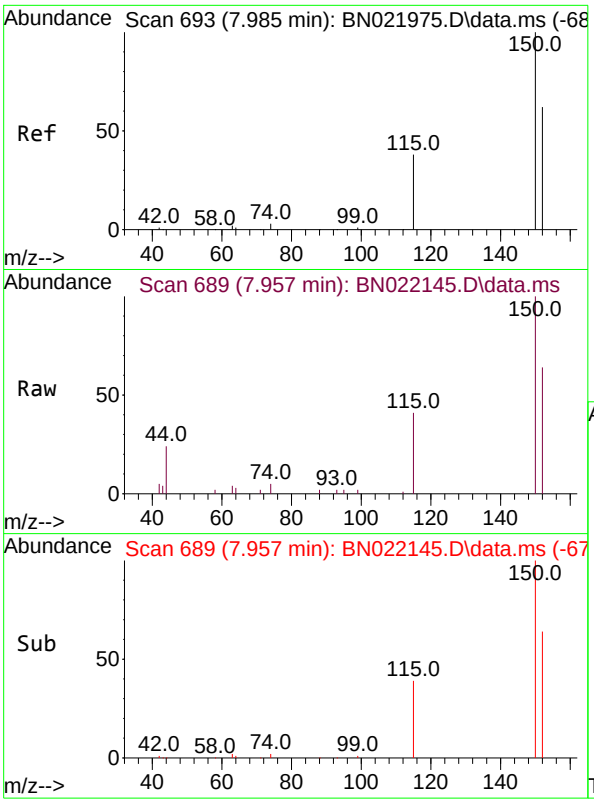
Quant Time: Oct 17 15:27:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 01:51:34 2022
Response via : Initial Calibration



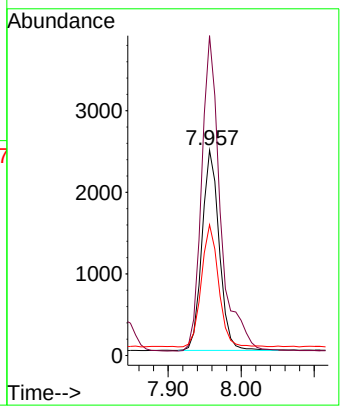


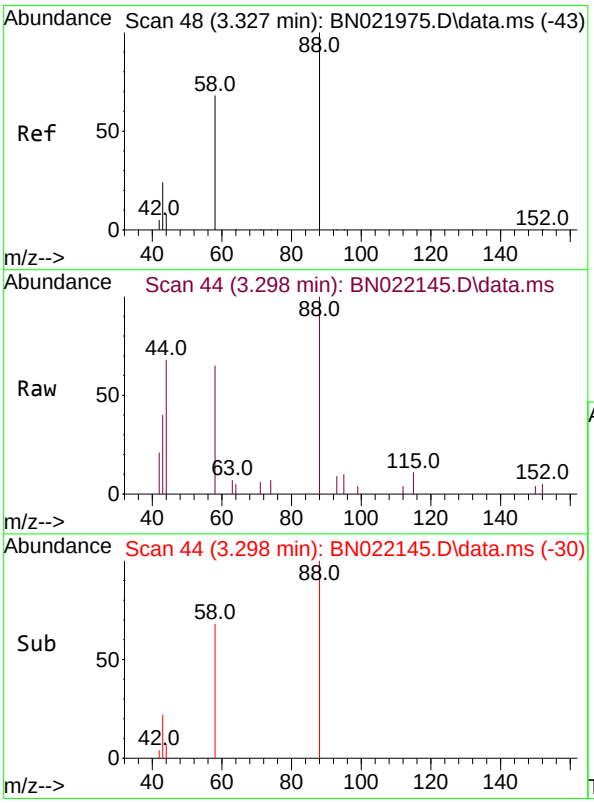
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.957 min Scan# 68
Delta R.T. -0.014 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:152 Resp: 4016

Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.2	190.8
115	63.7	51.4	77.0

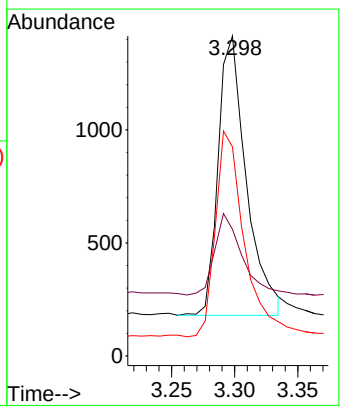


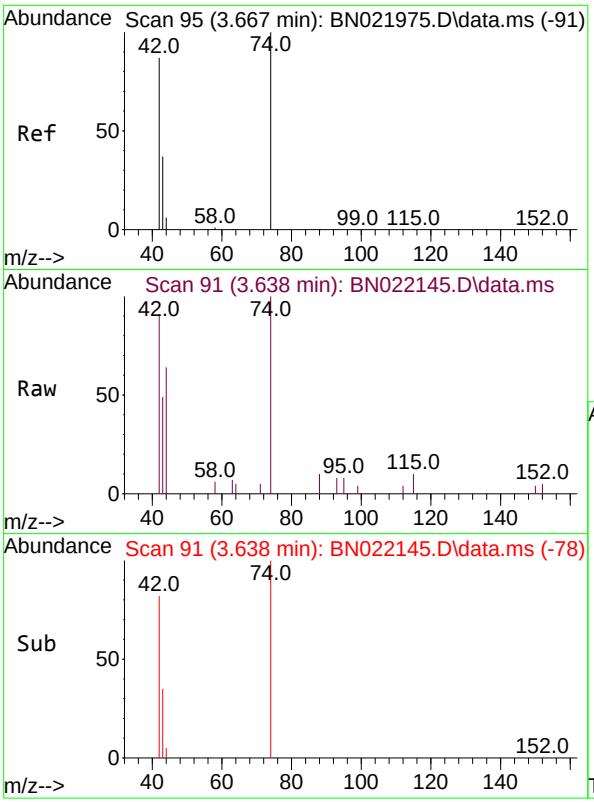


#2
1,4-Dioxane
Concen: 0.371 ng
RT: 3.298 min Scan# 44
Delta R.T. -0.000 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion: 88 Resp: 1926

Ion	Ratio	Lower	Upper
88	100		
43	28.0	22.6	34.0
58	74.5	58.6	88.0



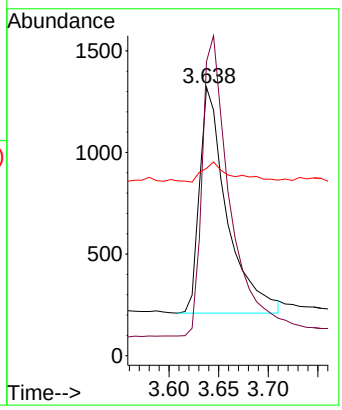


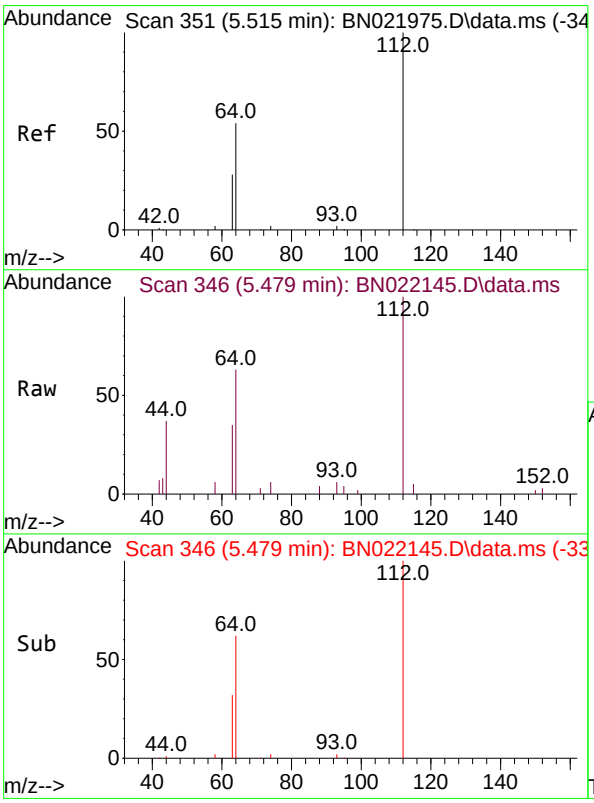
#3
n-Nitrosodimethylamine
Concen: 0.378 ng
RT: 3.638 min Scan# 91
Delta R.T. -0.007 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion: 42 Resp: 2136

Ion	Ratio	Lower	Upper
42	100		
74	137.6	101.6	152.4
44	8.0	10.4	15.6#

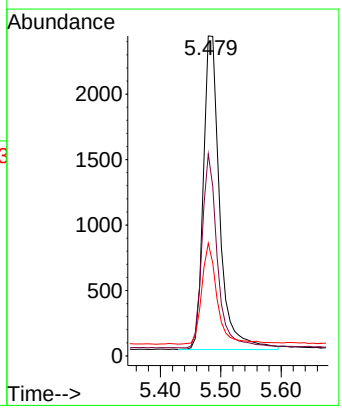


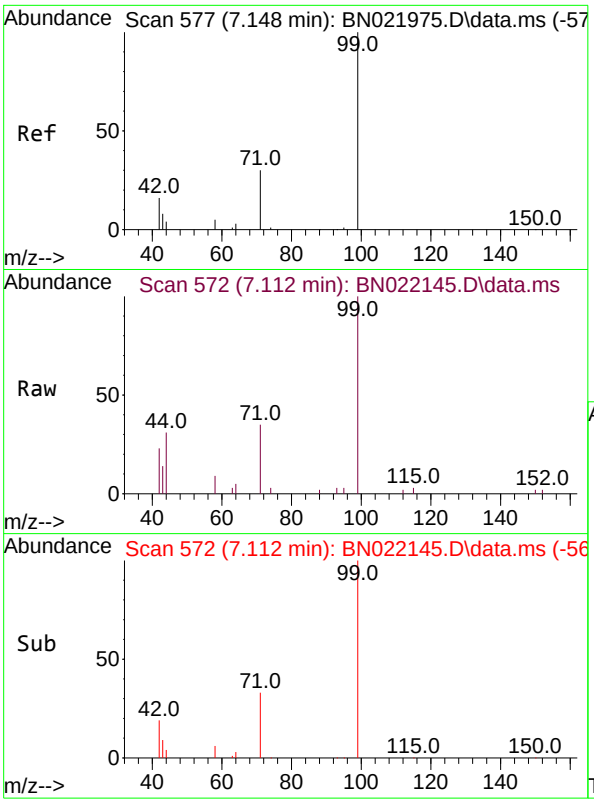


#4
2-Fluorophenol
Concen: 0.486 ng
RT: 5.479 min Scan# 346
Delta R.T. -0.014 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:112 Resp: 4519

Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.9	70.3
63	30.7	24.6	37.0



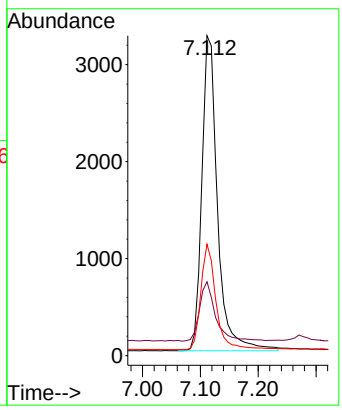


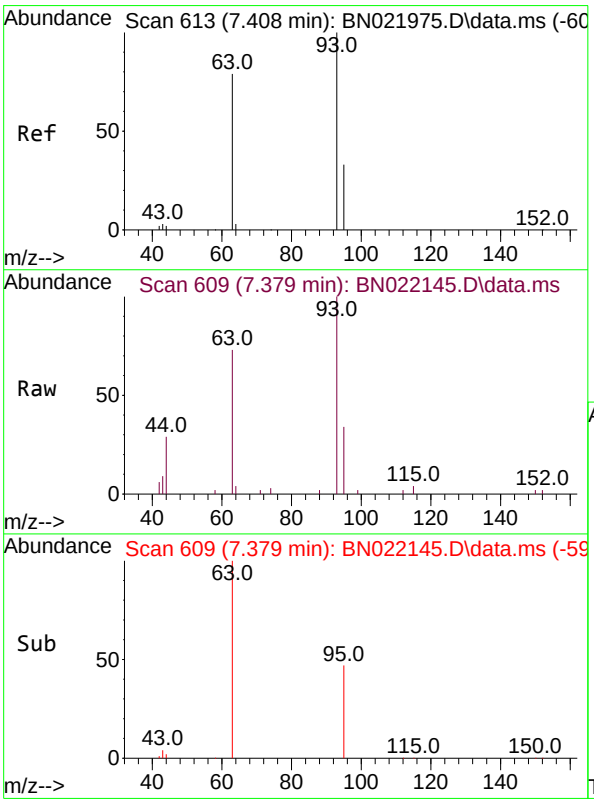
#5
Phenol-d6
Concen: 0.504 ng
RT: 7.112 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion: 99 Resp: 6085

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.9	23.9
71	32.3	25.6	38.4

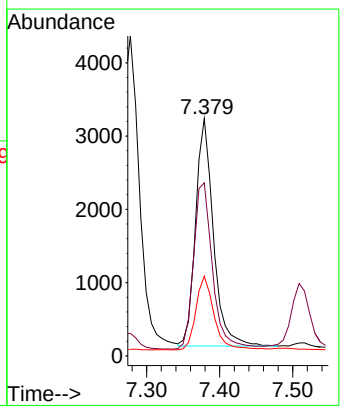


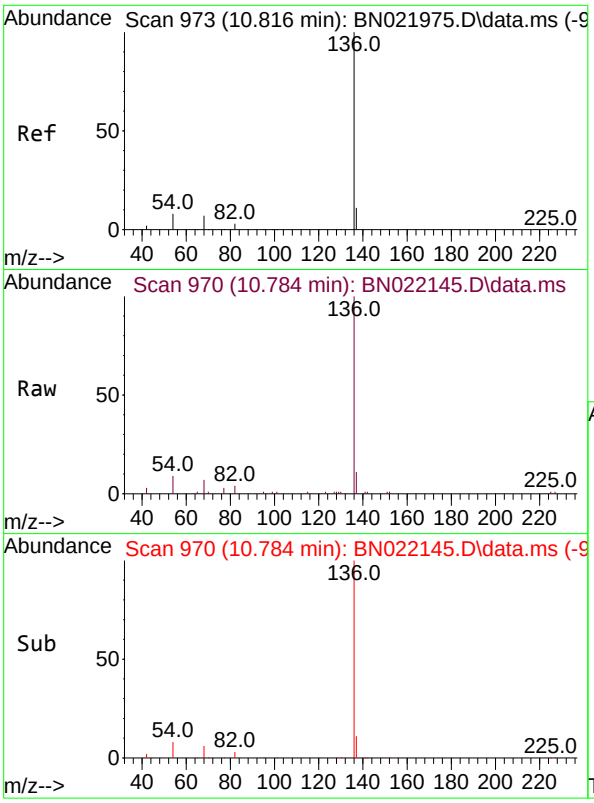


#6
bis(2-Chloroethyl)ether
Concen: 0.412 ng
RT: 7.379 min Scan# 609
Delta R.T. -0.007 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion: 93 Resp: 5259

Ion	Ratio	Lower	Upper
93	100		
63	78.0	64.8	97.2
95	33.3	26.6	40.0



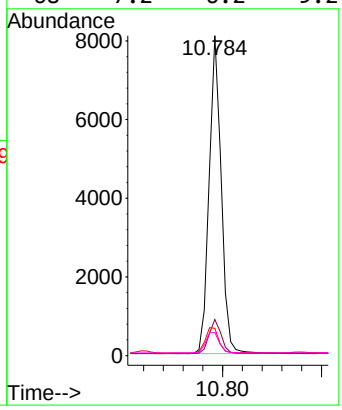


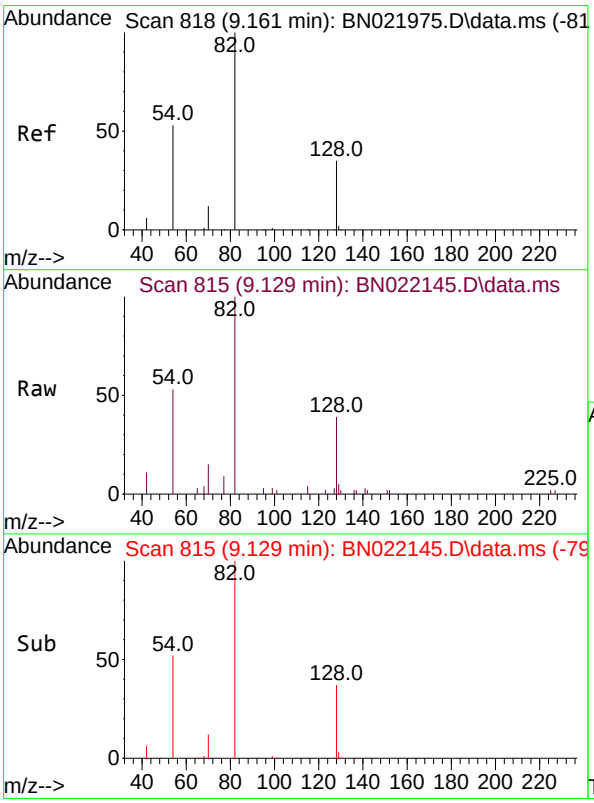
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.784 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:136 Resp: 13695

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.5	7.1	10.7
68	7.2	6.2	9.2

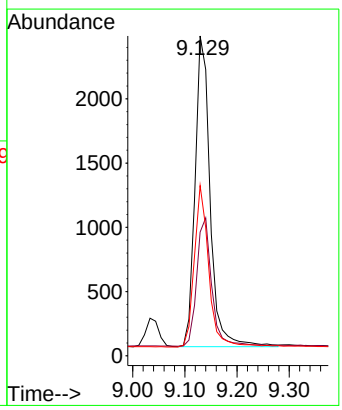


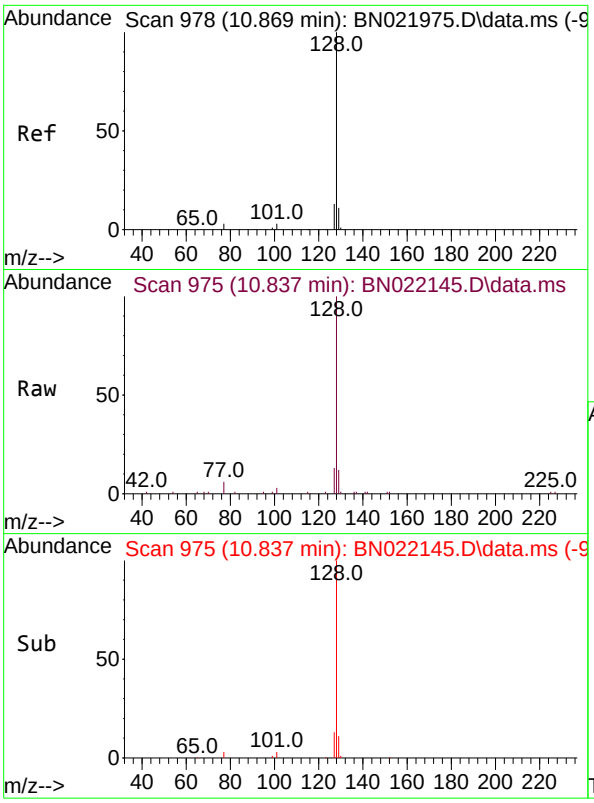


#8
Nitrobenzene-d5
Concen: 0.440 ng
RT: 9.129 min Scan# 815
Delta R.T. -0.011 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion: 82 Resp: 4850

Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.9	44.9
54	53.2	43.5	65.3



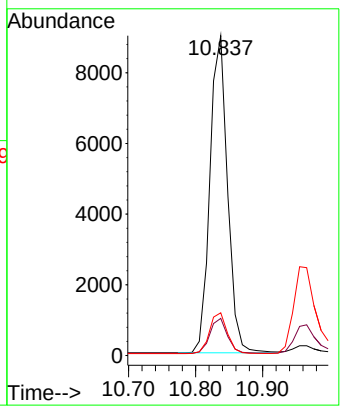


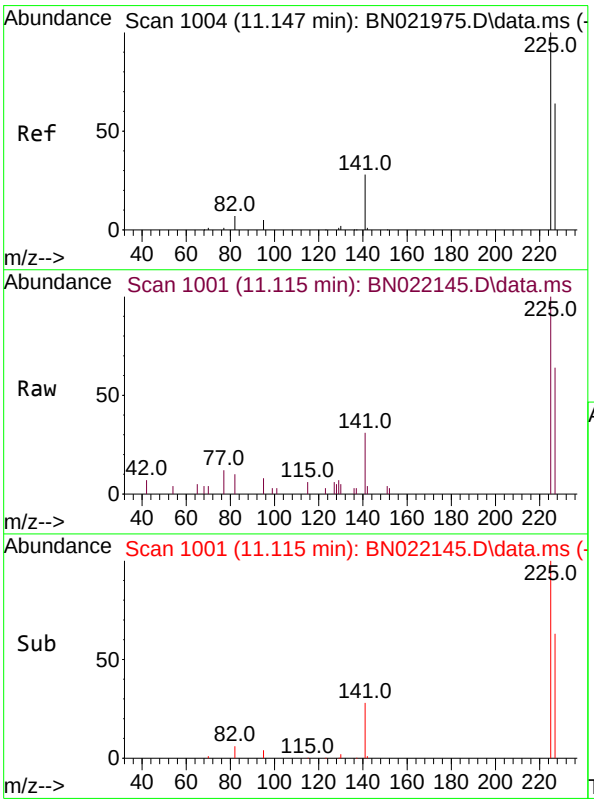
#9
Naphthalene
Concen: 0.396 ng
RT: 10.837 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:128 Resp: 16367

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.4	10.6	16.0

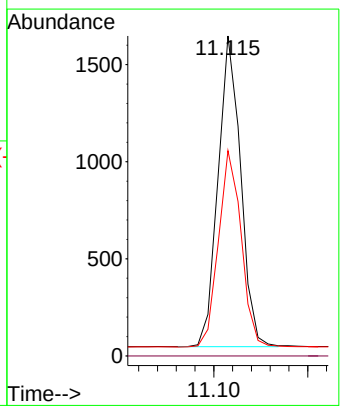


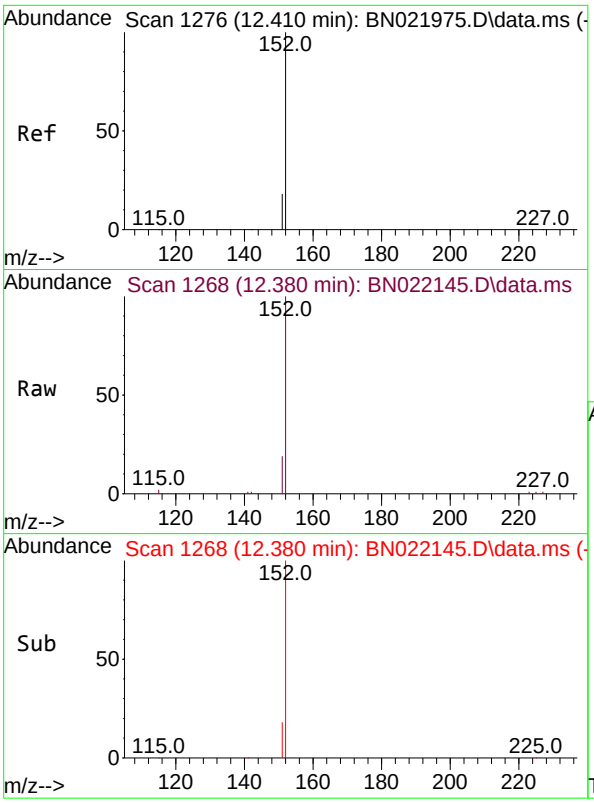


#10
Hexachlorobutadiene
Concen: 0.372 ng
RT: 11.115 min Scan# 1001
Delta R.T. -0.011 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:225 Resp: 2666

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.3	76.9



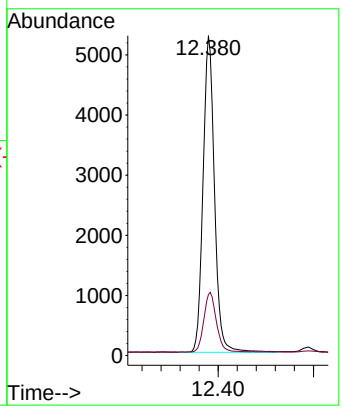


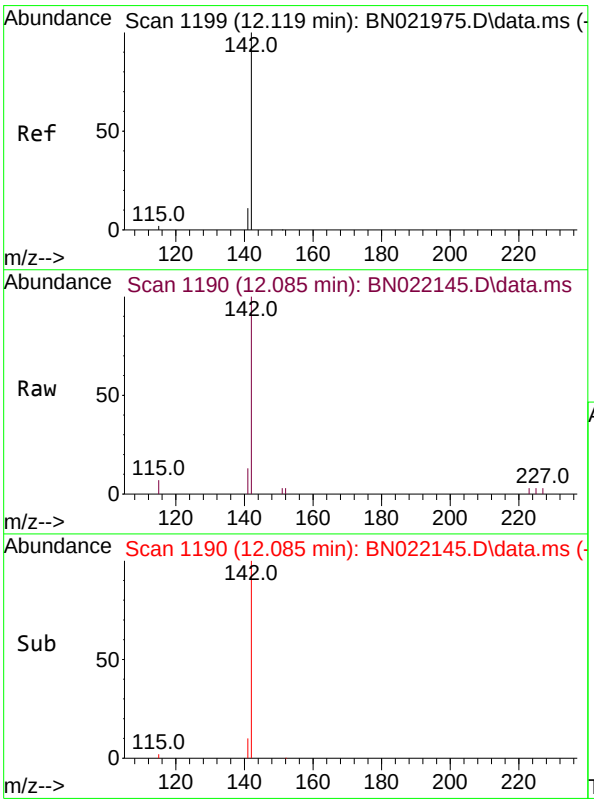
#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.380 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:152 Resp: 9371

Ion	Ratio	Lower	Upper
152	100		
151	19.3	13.8	20.6

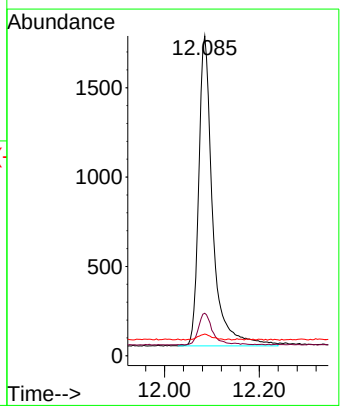


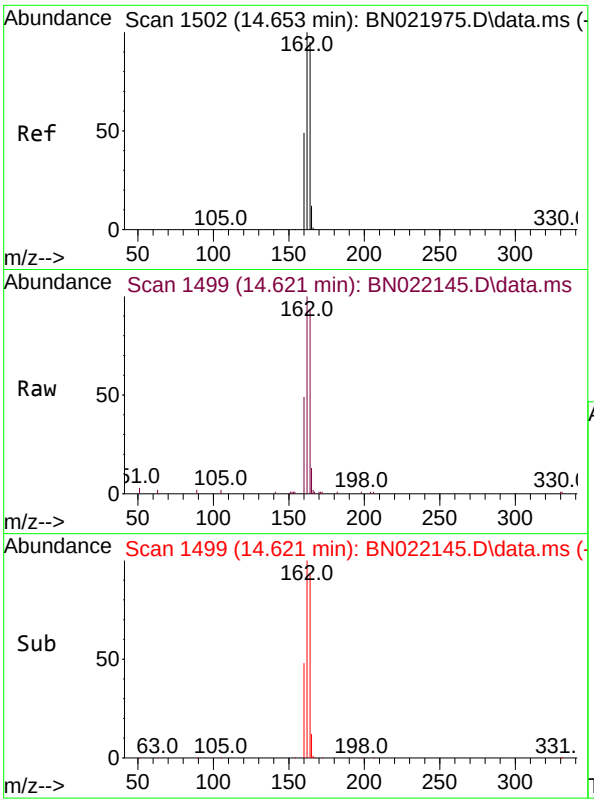


#12
2-Methylnaphthalene
Concen: 0.578 ng
RT: 12.085 min Scan# 1190
Delta R.T. -0.015 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:142 Resp: 3540

Ion	Ratio	Lower	Upper
142	100		
141	13.3	13.6	20.4#
115	6.8	9.7	14.5#



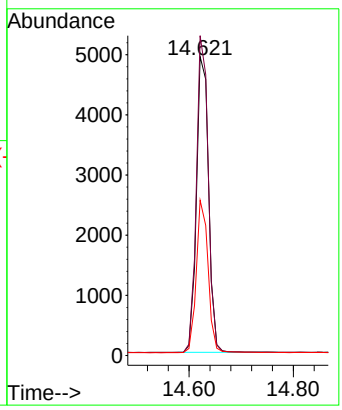


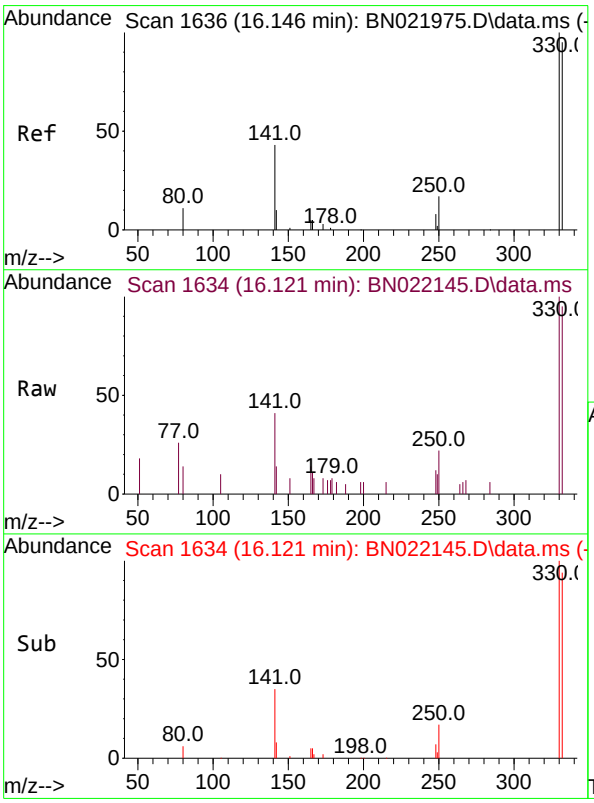
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.621 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:164 Resp: 7928

Ion	Ratio	Lower	Upper
164	100		
162	107.0	84.3	126.5
160	51.9	41.7	62.5

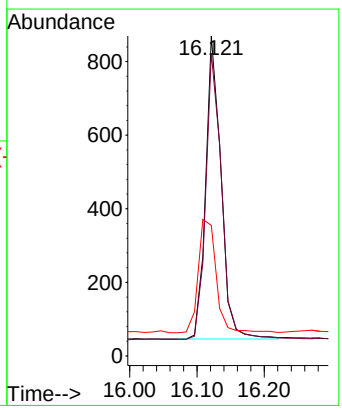


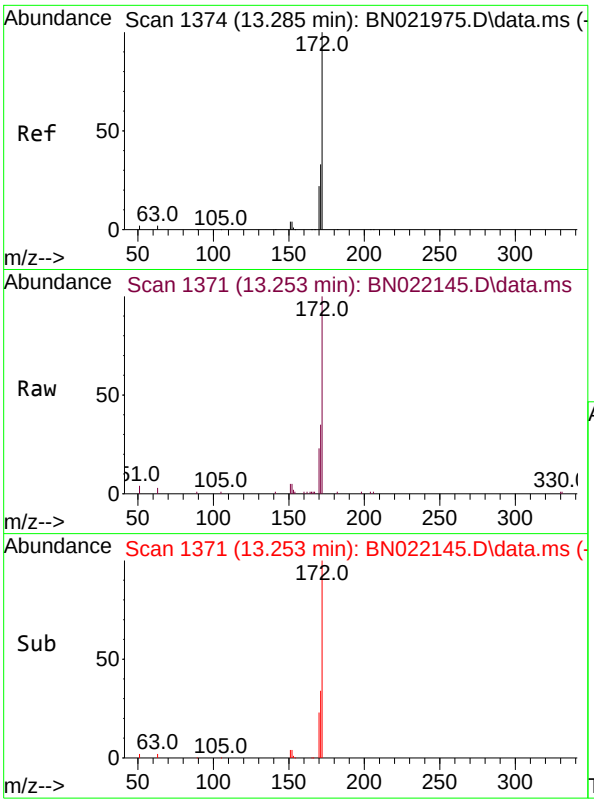


#14
2,4,6-Tribromophenol
Concen: 0.431 ng
RT: 16.121 min Scan# 1634
Delta R.T. -0.012 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:330 Resp: 1304

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.4
141	43.6	35.3	52.9



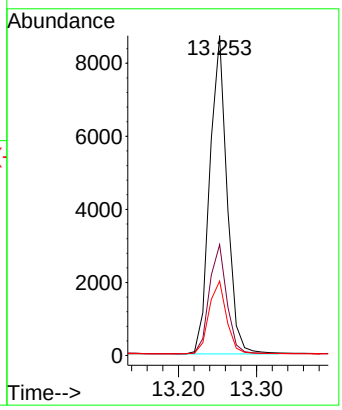


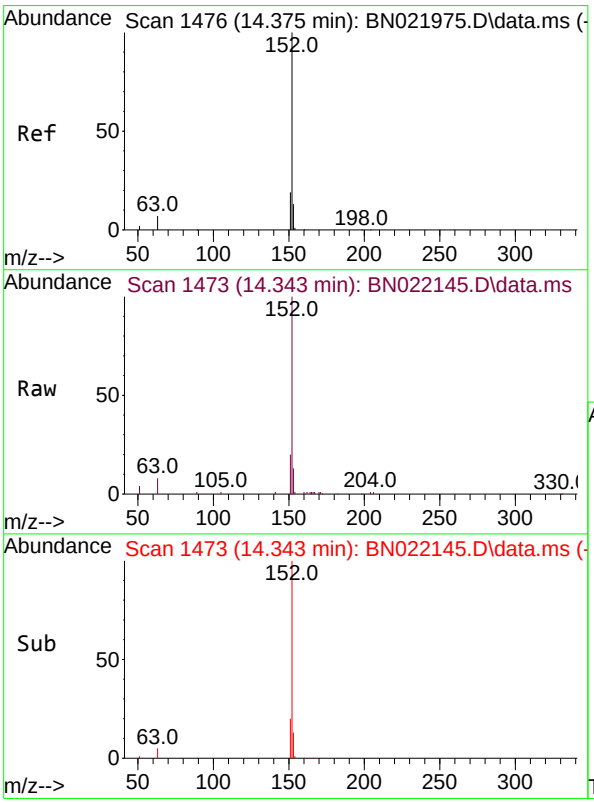
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.253 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:172 Resp: 13364

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.2	40.8
170	23.3	18.3	27.5

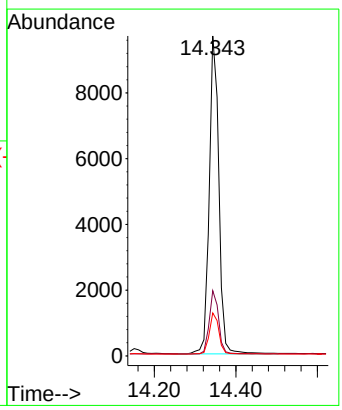


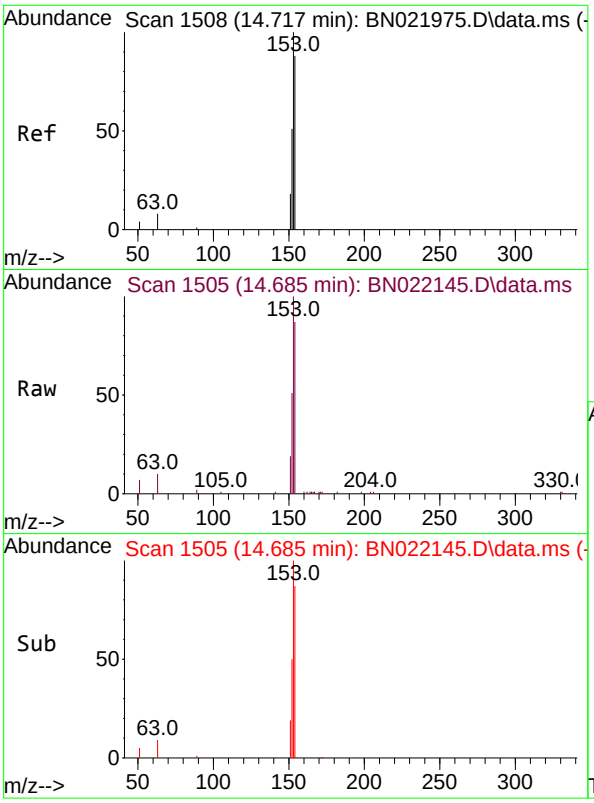


#16
Acenaphthylene
Concen: 0.419 ng
RT: 14.343 min Scan# 1473
Delta R.T. -0.011 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:152 Resp: 15799

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.4	15.6



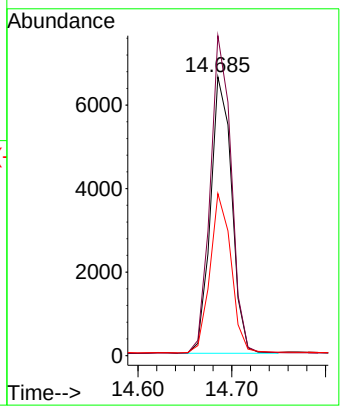


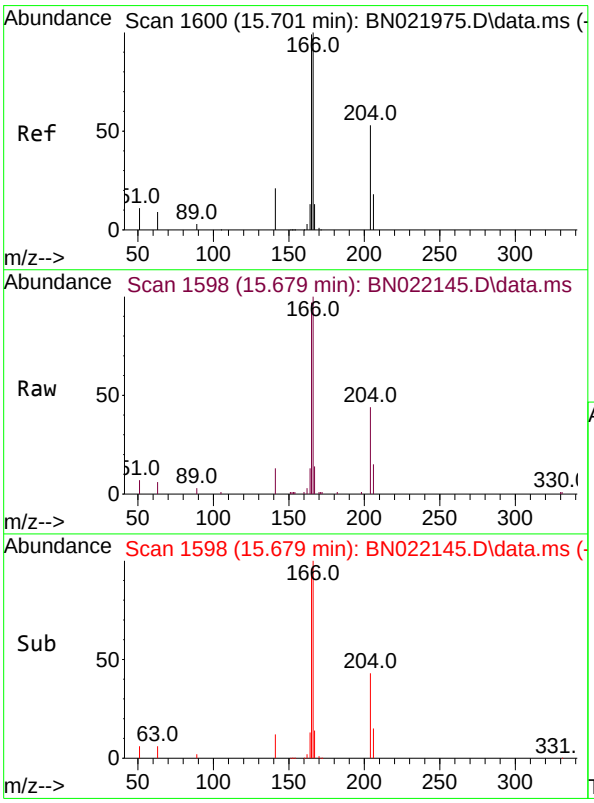
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.685 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:154 Resp: 10405

Ion	Ratio	Lower	Upper
154	100		
153	114.3	92.1	138.1
152	57.4	47.8	71.6

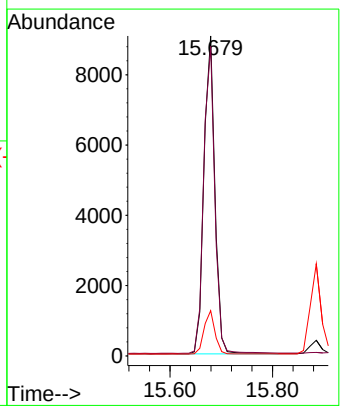


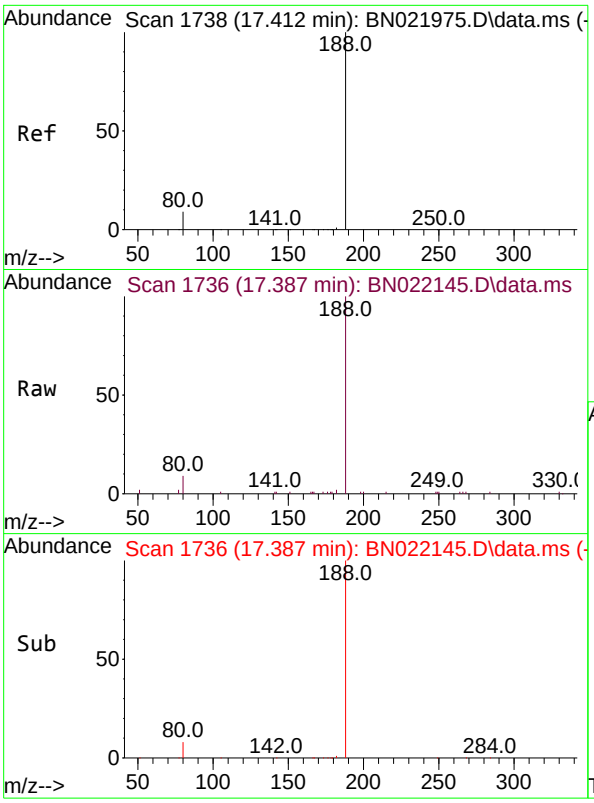


#18
Fluorene
Concen: 0.450 ng
RT: 15.679 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:166 Resp: 14388

Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.0	120.0
167	12.9	10.9	16.3



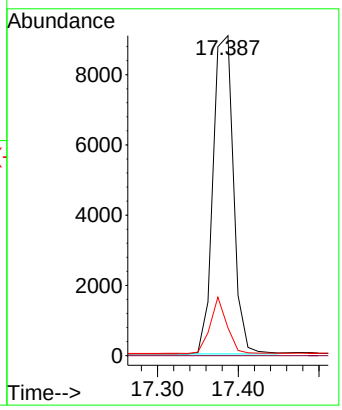


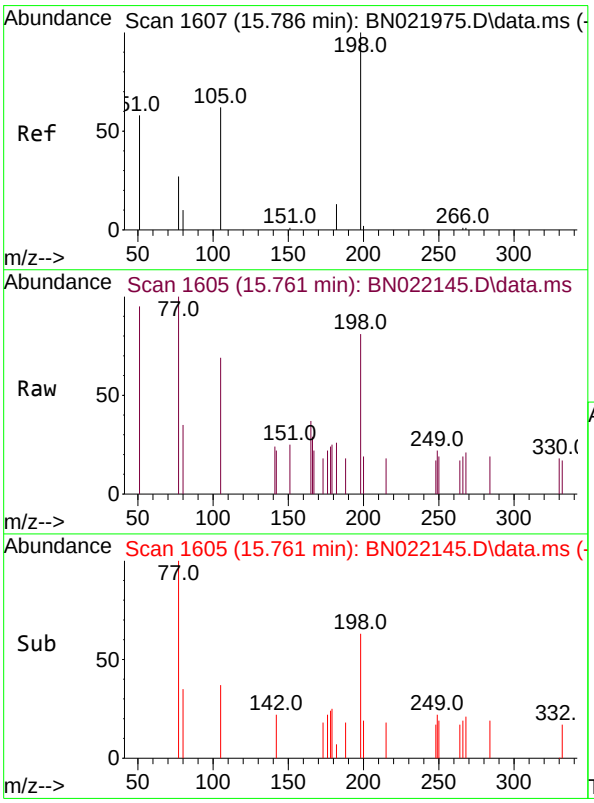
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.387 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:188 Resp: 15882

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.5	11.3

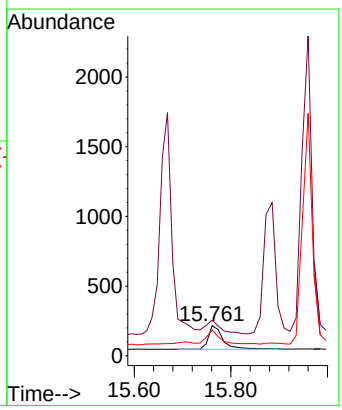


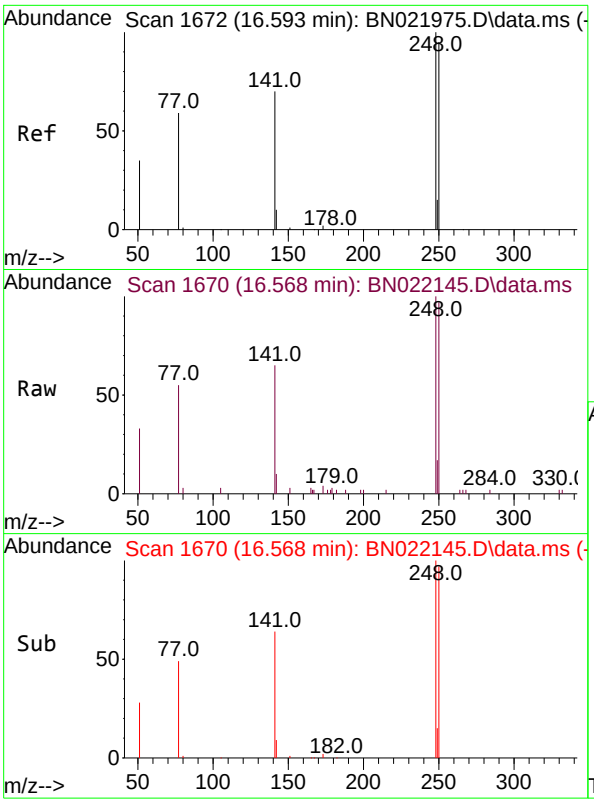


#20
4,6-Dinitro-2-methylphenol
Concen: 0.306 ng
RT: 15.761 min Scan# 1605
Delta R.T. -0.012 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:198 Resp: 355

Ion	Ratio	Lower	Upper
198	100		
51	117.5	96.6	144.8
105	85.7	64.4	96.6



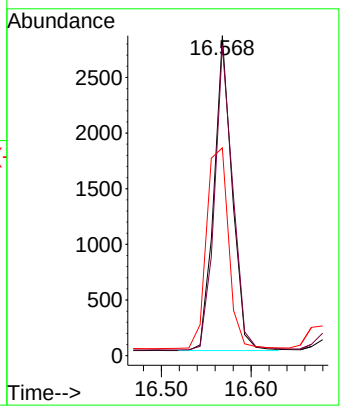


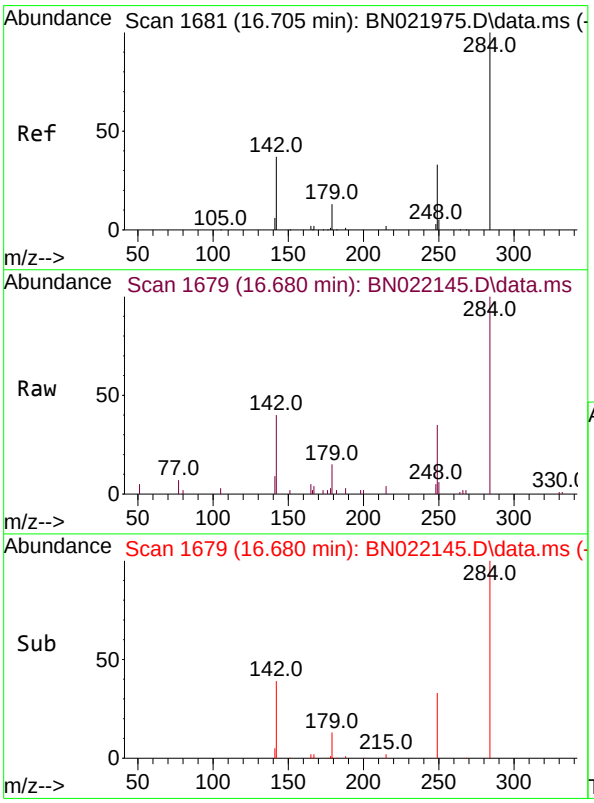
#21
4-Bromophenyl-phenylether
Concen: 0.413 ng
RT: 16.568 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:248 Resp: 3995

Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.6	114.8
141	65.0	57.5	86.3

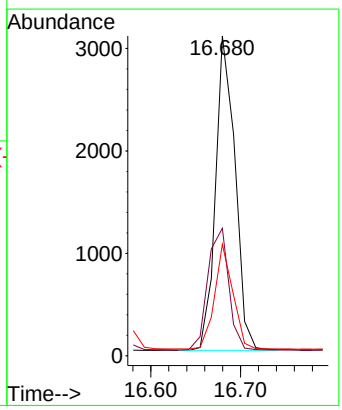


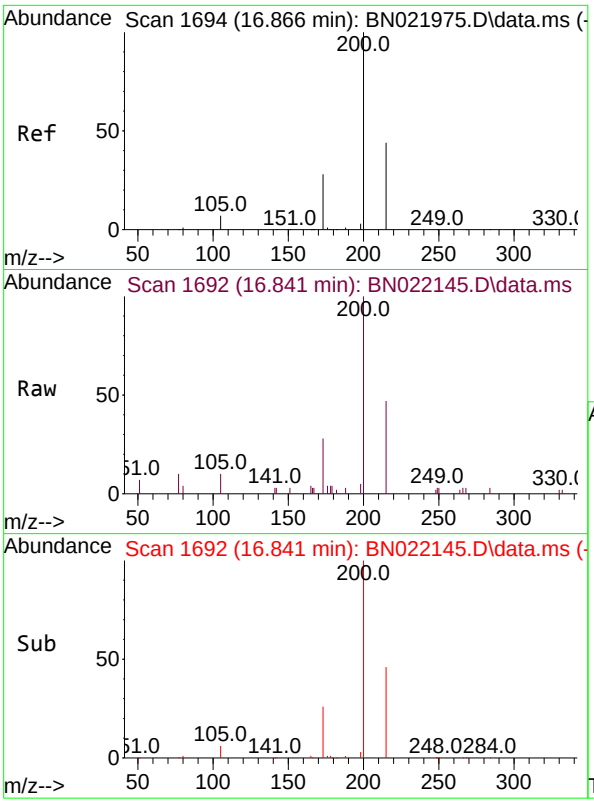


#22
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.680 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:284 Resp: 4641

Ion	Ratio	Lower	Upper
284	100		
142	41.7	33.4	50.0
249	31.1	25.1	37.7



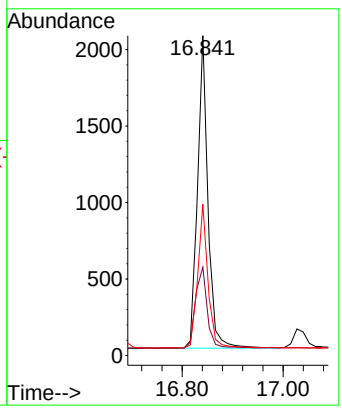


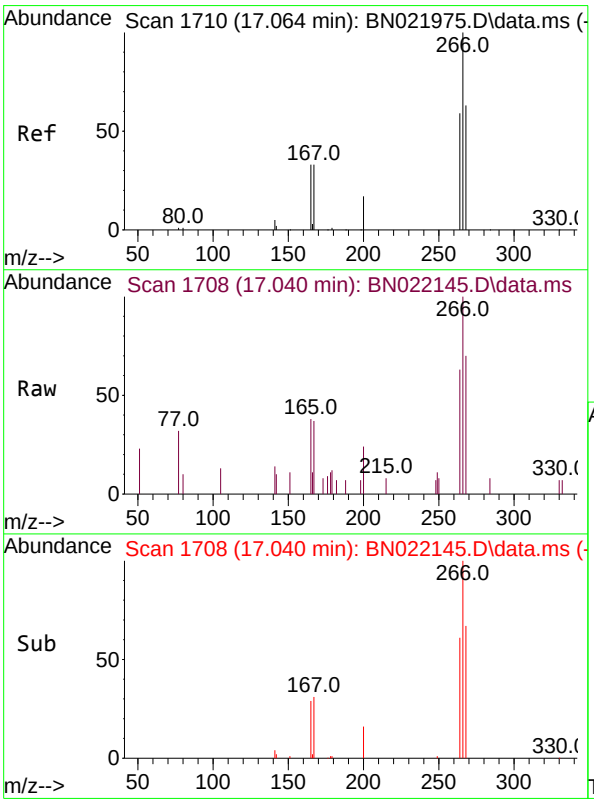
#23
Atrazine
Concen: 0.406 ng
RT: 16.841 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:200 Resp: 2919

Ion	Ratio	Lower	Upper
200	100		
173	27.6	24.6	36.8
215	47.3	37.1	55.7

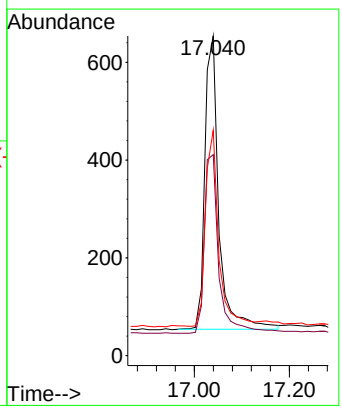


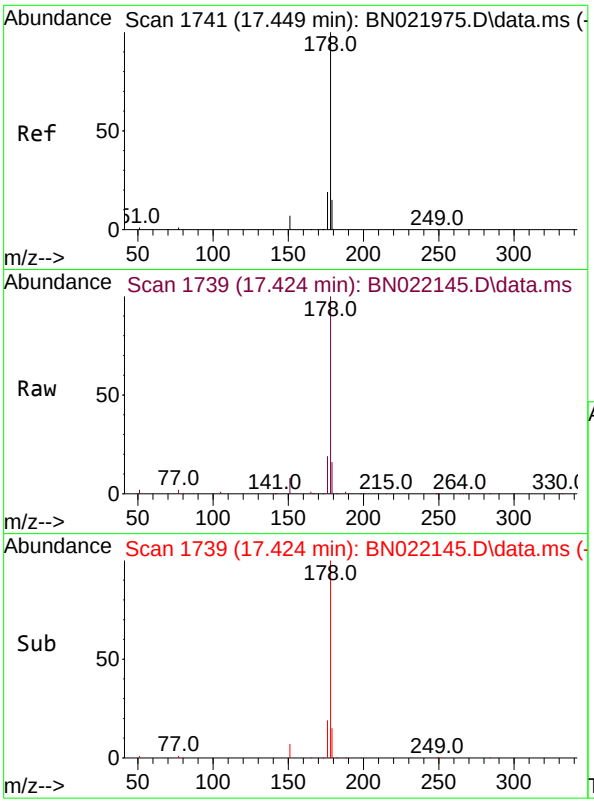


#24
Pentachlorophenol
Concen: 0.331 ng
RT: 17.040 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:266 Resp: 1221

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.8	74.6
268	63.5	49.6	74.4



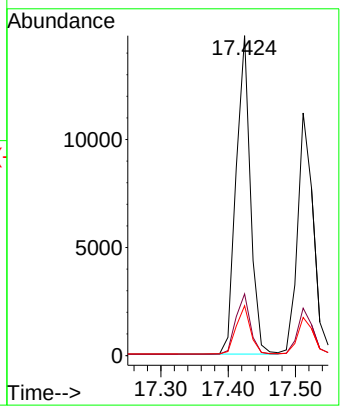


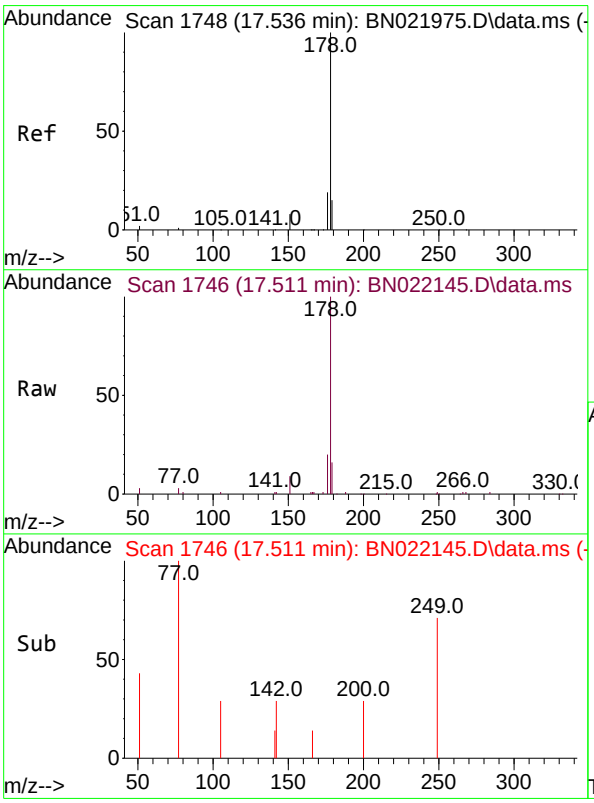
#25
Phenanthrene
Concen: 0.397 ng
RT: 17.424 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:178 Resp: 21663

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.2	12.2	18.2

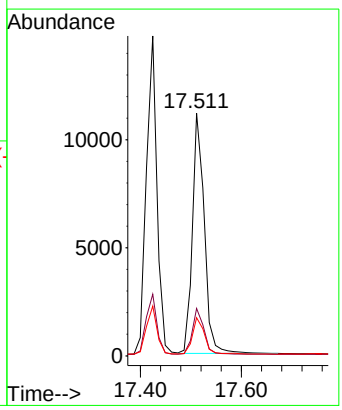


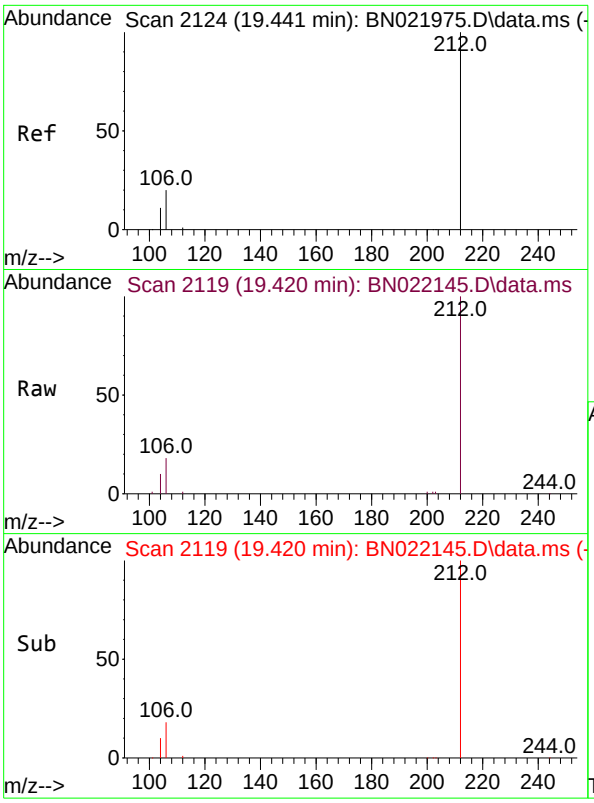


#26
Anthracene
Concen: 0.415 ng
RT: 17.511 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:178 Resp: 18172

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.4	12.2	18.2



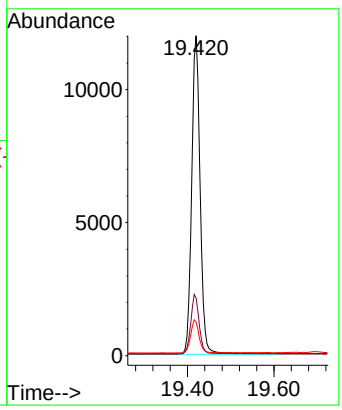


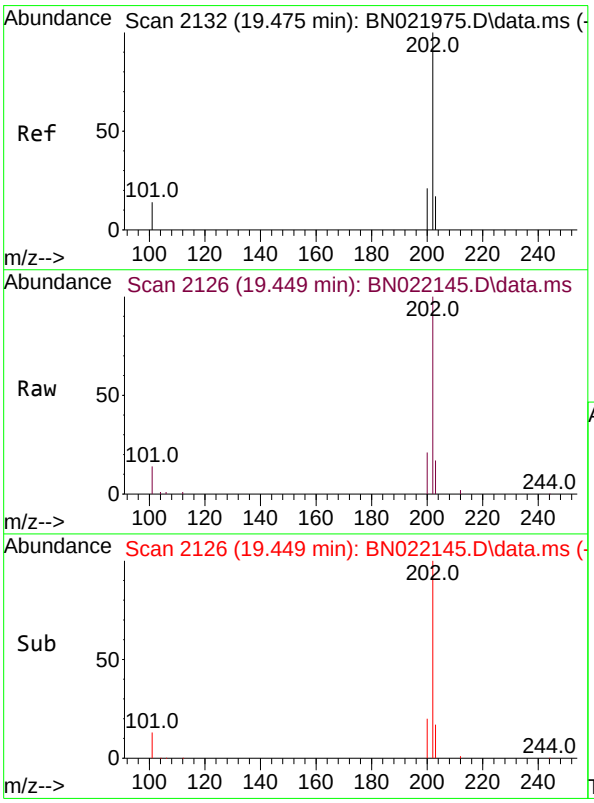
#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.420 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:212 Resp: 16267

Ion	Ratio	Lower	Upper
212	100		
106	18.3	15.2	22.8
104	10.4	8.6	13.0

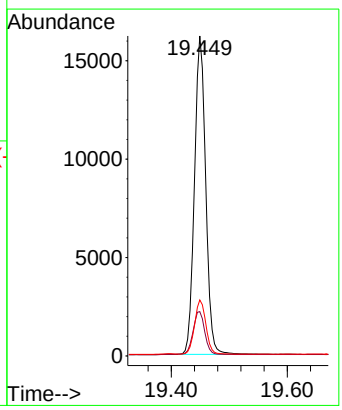


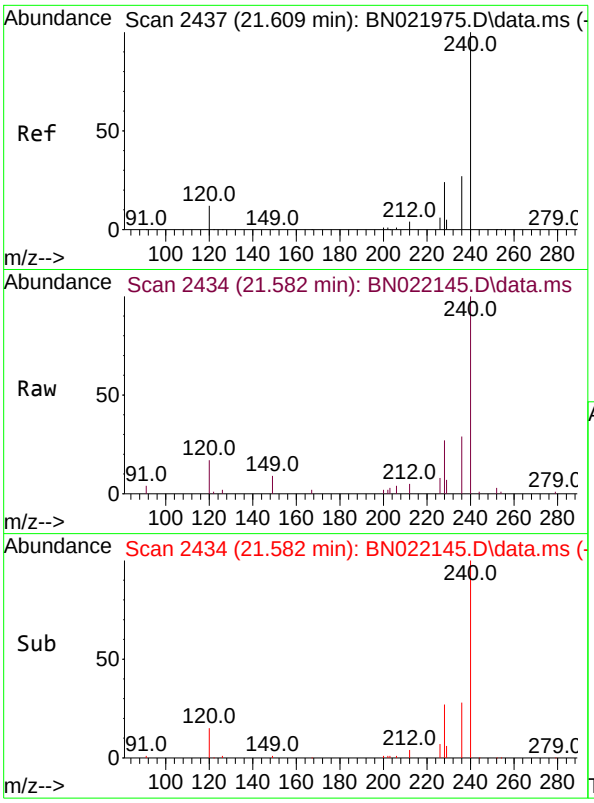


#28
Fluoranthene
Concen: 0.372 ng
RT: 19.449 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:202 Resp: 21739

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.4	17.0
203	17.1	13.5	20.3



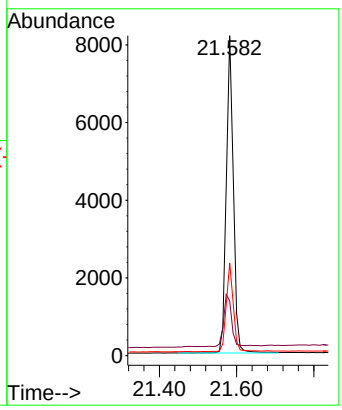


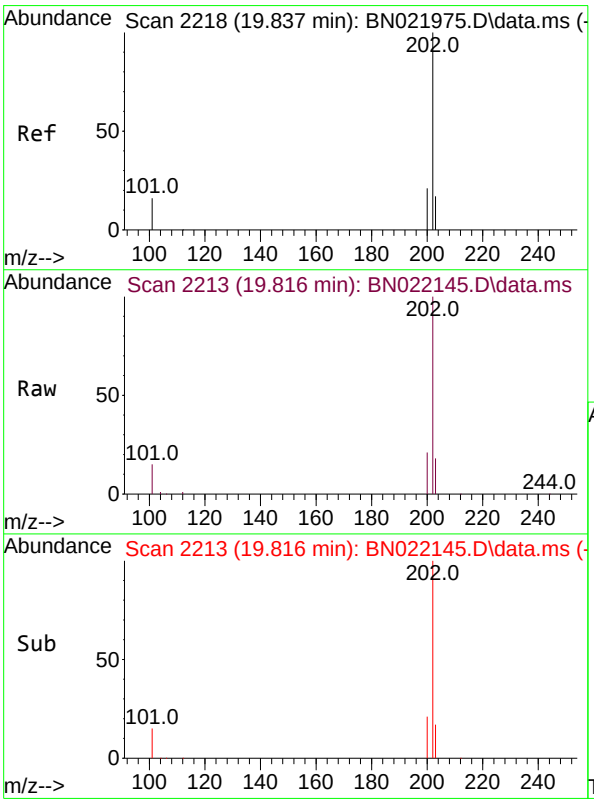
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.582 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:240 Resp: 10445

Ion	Ratio	Lower	Upper
240	100		
120	17.0	11.8	17.6
236	29.0	22.4	33.6

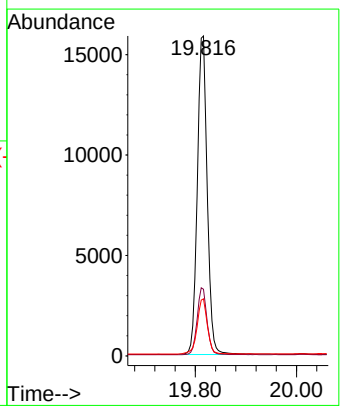


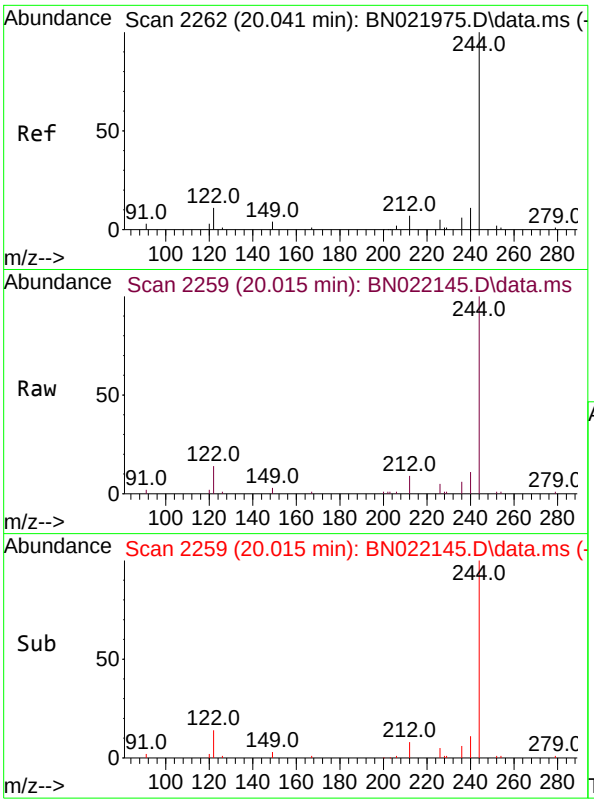


#30
Pyrene
Concen: 0.470 ng
RT: 19.816 min Scan# 2213
Delta R.T. -0.004 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:202 Resp: 21573

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.8	14.1	21.1



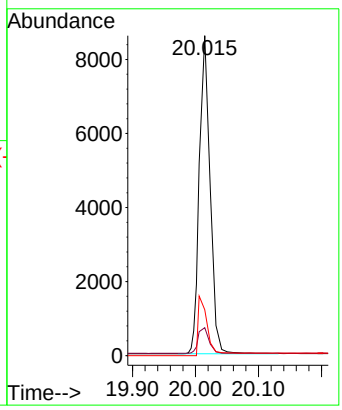


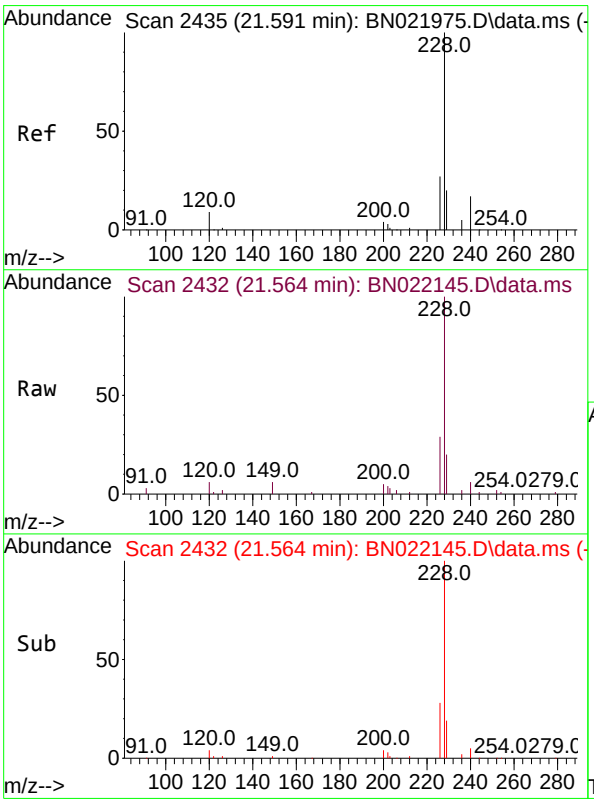
#31
Terphenyl-d14
Concen: 0.454 ng
RT: 20.015 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:244 Resp: 9527

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	14.3	9.1	13.7#

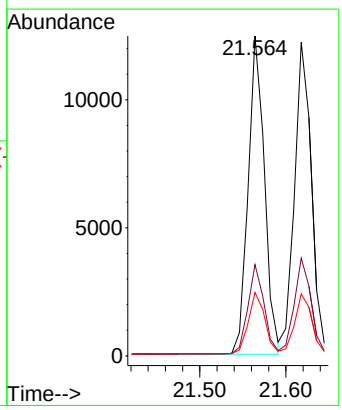


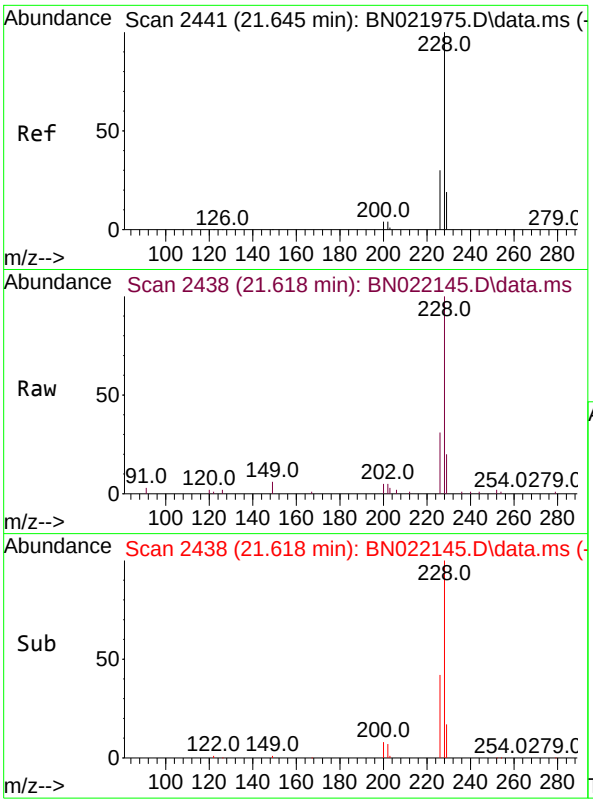


#32
Benzo(a)anthracene
Concen: 0.415 ng
RT: 21.564 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:228 Resp: 16300

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.4
229	19.8	16.2	24.2



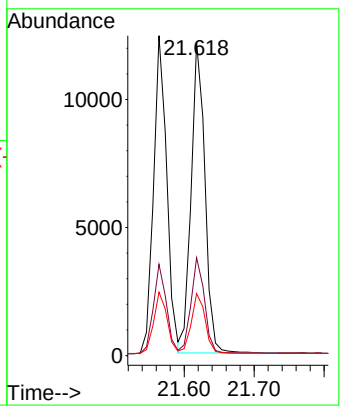


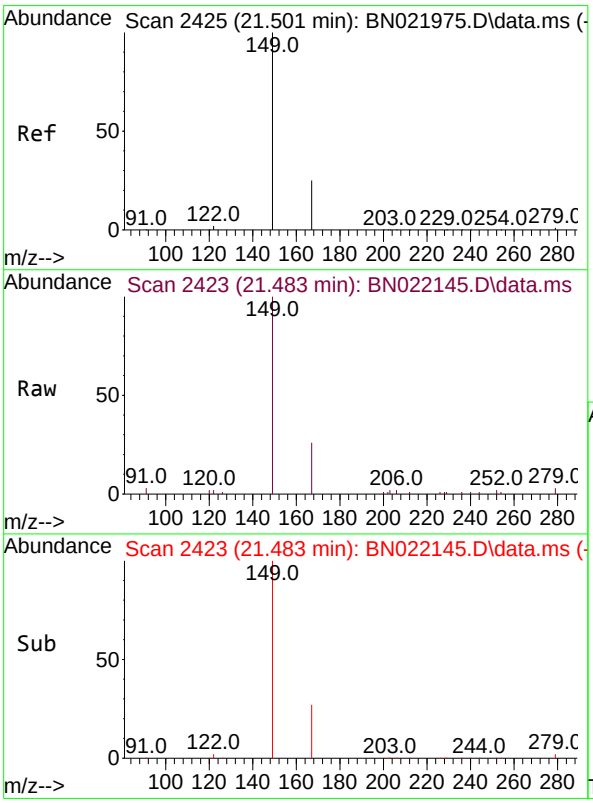
#33
Chrysene
Concen: 0.383 ng
RT: 21.618 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:228 Resp: 16675

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	19.8	15.8	23.6

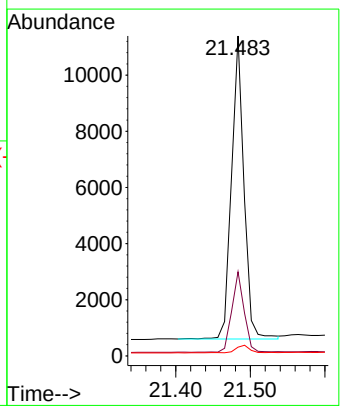


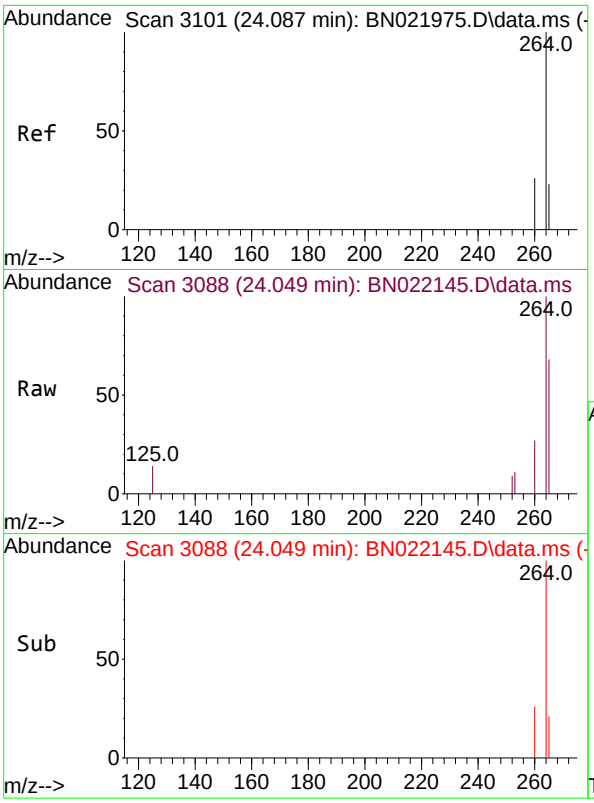


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.664 ng
RT: 21.483 min Scan# 2423
Delta R.T. -0.009 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:149 Resp: 12510

Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.2	30.4
279	2.9	2.3	3.5



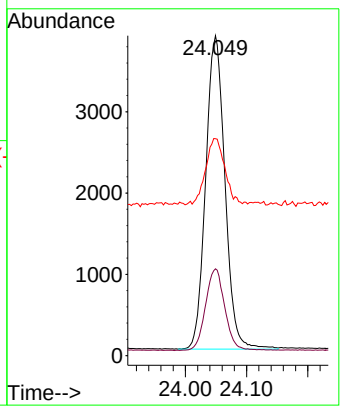


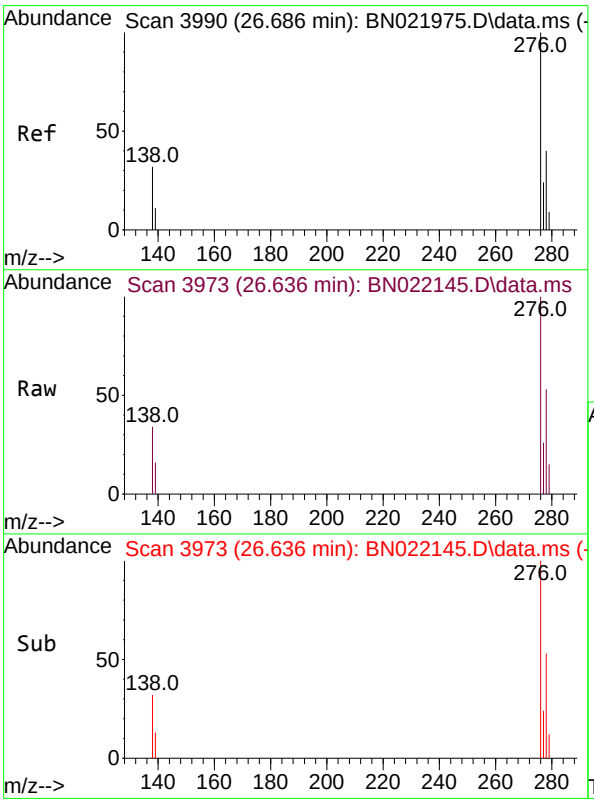
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.049 min Scan# 30
Delta R.T. -0.012 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:264 Resp: 8418

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.3	31.9
265	67.8	63.0	94.4

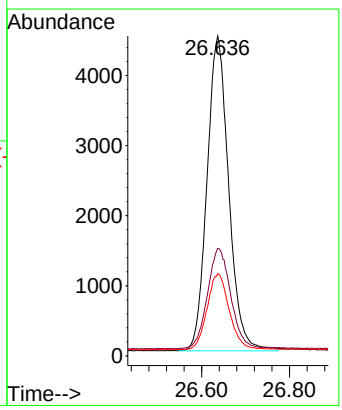


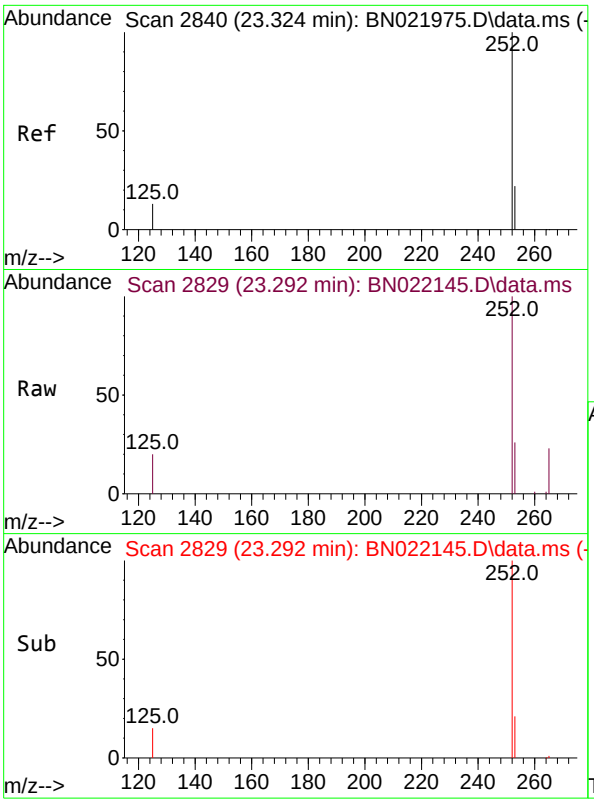


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng
RT: 26.636 min Scan# 3973
Delta R.T. -0.015 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:276 Resp: 15380

Ion	Ratio	Lower	Upper
276	100		
138	33.9	28.0	42.0
277	24.5	19.8	29.8



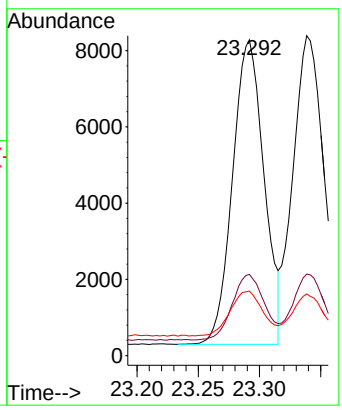


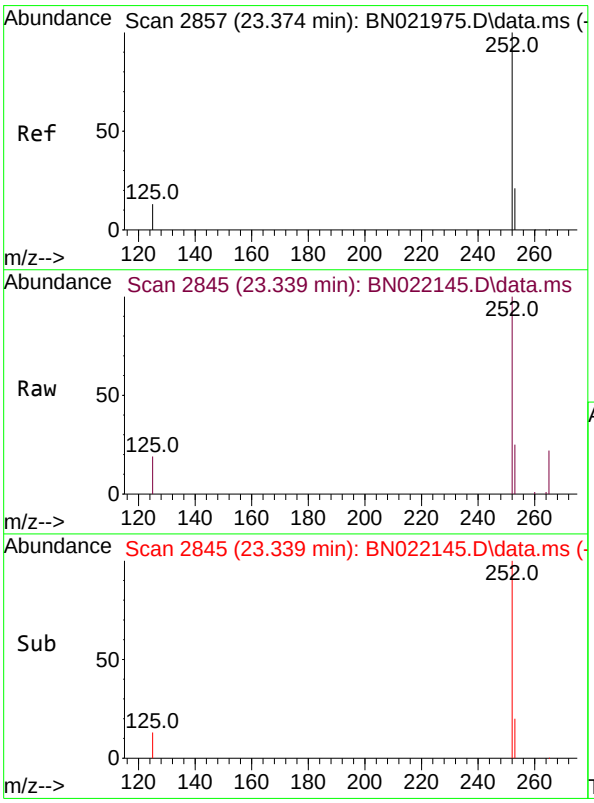
#37
Benzo(b)fluoranthene
Concen: 0.357 ng
RT: 23.292 min Scan# 28
Delta R.T. -0.009 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:252 Resp: 14251

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.6	31.0
125	20.5	15.6	23.4

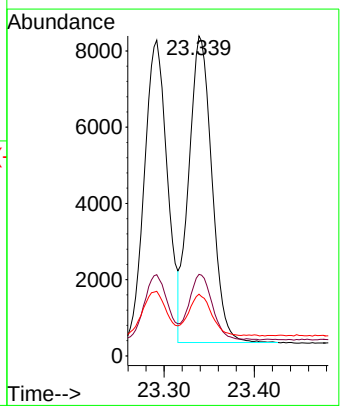


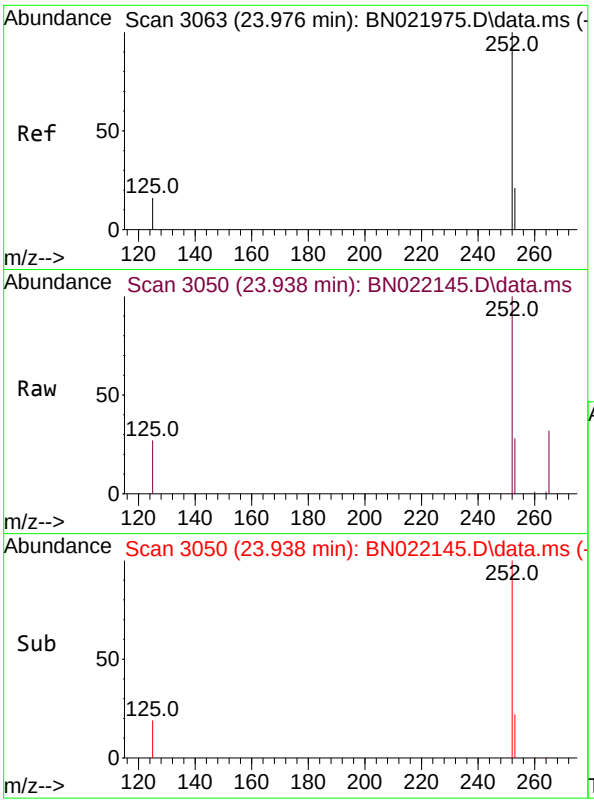


#38
Benzo(k)fluoranthene
Concen: 0.359 ng
RT: 23.339 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:252 Resp: 14279

Ion	Ratio	Lower	Upper
252	100		
253	25.5	20.4	30.6
125	19.3	15.8	23.6



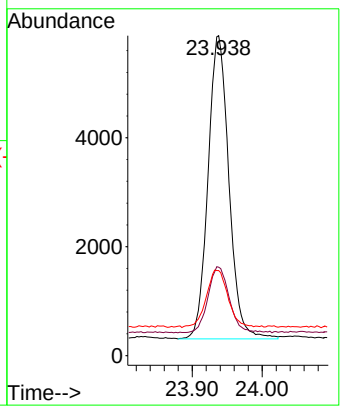


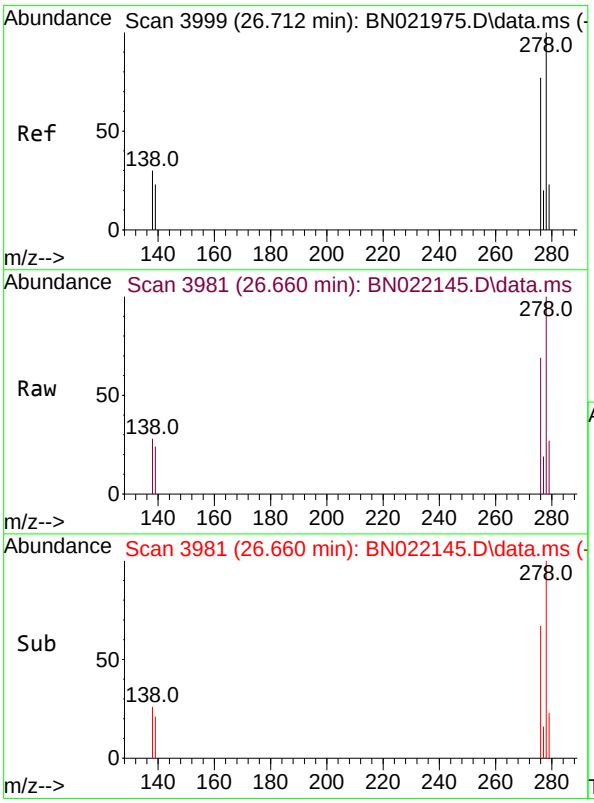
#39
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.938 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:252 Resp: 11554

Ion	Ratio	Lower	Upper
252	100		
253	27.6	23.2	34.8
125	26.6	21.1	31.7

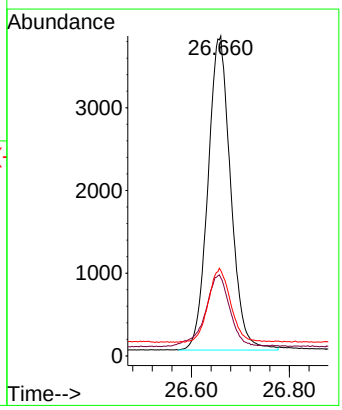


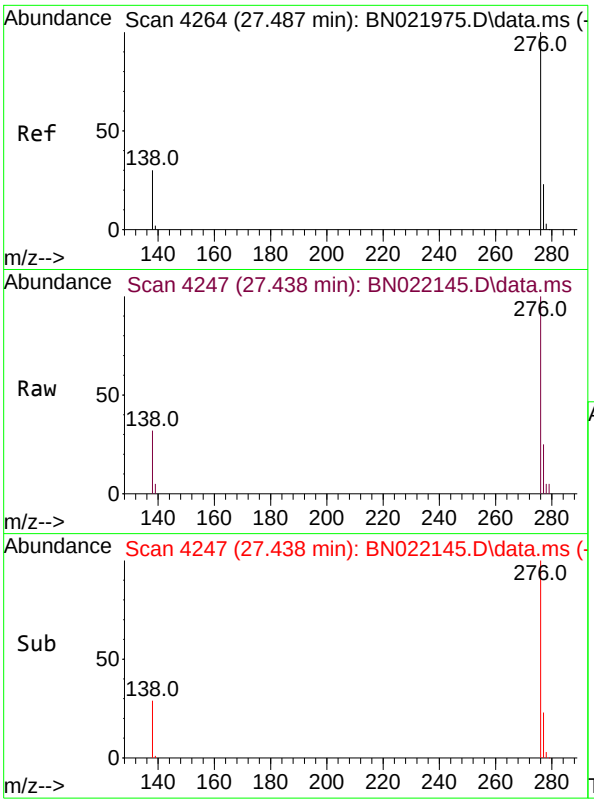


#40
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 26.660 min Scan# 3981
Delta R.T. -0.009 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Tgt Ion:278 Resp: 12211

Ion	Ratio	Lower	Upper
278	100		
139	24.5	19.9	29.9
279	26.8	21.9	32.9





#41
Benzo(g,h,i)perylene
Concen: 0.342 ng
RT: 27.438 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN022145.D
Acq: 17 Oct 2022 10:47

Instrument :
BNA_N
ClientSampleId :
PB148337BS

Tgt Ion:276 Resp: 12530

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.0	30.0
138	31.7	25.2	37.8