Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111422\
Data File : BN022638.D
Acq On : 14 Nov 2022 13:56
Operator : CG/JU
Sample : PB148986BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Quant Time: Nov 15 00:39:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 15 00:38:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.884	152	1633	0.400	ng		0.00
7) Naphthalene-d8	10.709	136	4970	0.400	ng	#	0.00
13) Acenaphthene-d10	14.561	164	2986	0.400	ng		0.00
19) Phenanthrene-d10	17.329	188	6272	0.400	ng	#	0.00
29) Chrysene-d12	21.537	240	5508	0.400	ng		0.00
35) Perylene-d12	23.973	264	4594	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.429	112	1780	0.354	ng		0.00
5) Phenol-d6	7.068	99	2195	0.351	ng		0.00
8) Nitrobenzene-d5	9.065	82	1828	0.360	ng		0.00
11) 2-Methylnaphthalene-d10	12.312	152	3342	0.405	ng		0.00
14) 2,4,6-Tribromophenol	16.075	330	591	0.357	ng		0.00
15) 2-Fluorobiphenyl	13.192	172	4961	0.414	ng		0.00
27) Fluoranthene-d10	19.365	212	7283	0.400	ng		0.00
31) Terphenyl-d14	19.968	244	6953	0.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.233	88	952	0.415	ng	#	90
3) n-Nitrosodimethylamine	3.587	42	976	0.370	ng		99
6) bis(2-Chloroethyl)ether	7.314	93	2023	0.377	ng		98
9) Naphthalene	10.763	128	6052	0.302	ng		100
10) Hexachlorobutadiene	11.040	225	1135	0.423	ng	#	99
12) 2-Methylnaphthalene	12.047	142	1098	0.316	ng		97
16) Acenaphthylene	14.283	152	5422	0.383	ng		100
17) Acenaphthene	14.625	154	3942	0.415	ng		99
18) Fluorene	15.619	166	5388	0.382	ng		99
20) 4,6-Dinitro-2-methylph...	15.728	198	366	0.298	ng	#	1
21) 4-Bromophenyl-phenylether	16.510	248	1541	0.413	ng	#	86
22) Hexachlorobenzene	16.621	284	1822	0.440	ng		99
23) Atrazine	16.795	200	1273	0.357	ng		94
24) Pentachlorophenol	16.981	266	611	0.322	ng		99
25) Phenanthrene	17.366	178	8557	0.393	ng		99
26) Anthracene	17.453	178	6918	0.382	ng		99
28) Fluoranthene	19.398	202	9224	0.403	ng		99
30) Pyrene	19.765	202	9360	0.406	ng		99
32) Benzo(a)anthracene	21.519	228	7935	0.376	ng		99
33) Chrysene	21.573	228	8975	0.429	ng		100
34) Bis(2-ethylhexyl)phtha...	21.438	149	4669	0.303	ng		99
36) Indeno(1,2,3-cd)pyrene	26.522	276	8599	0.439	ng		100
37) Benzo(b)fluoranthene	23.224	252	7850	0.430	ng		98
38) Benzo(k)fluoranthene	23.274	252	7816	0.421	ng		99
39) Benzo(a)pyrene	23.865	252	6129	0.410	ng		99
40) Dibenzo(a,h)anthracene	26.543	278	6892	0.439	ng		99
41) Benzo(g,h,i)perylene	27.306	276	7429	0.457	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111422\
Data File : BN022638.D
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Misc :
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Instrument :
BNA_N
ClientSampleId :
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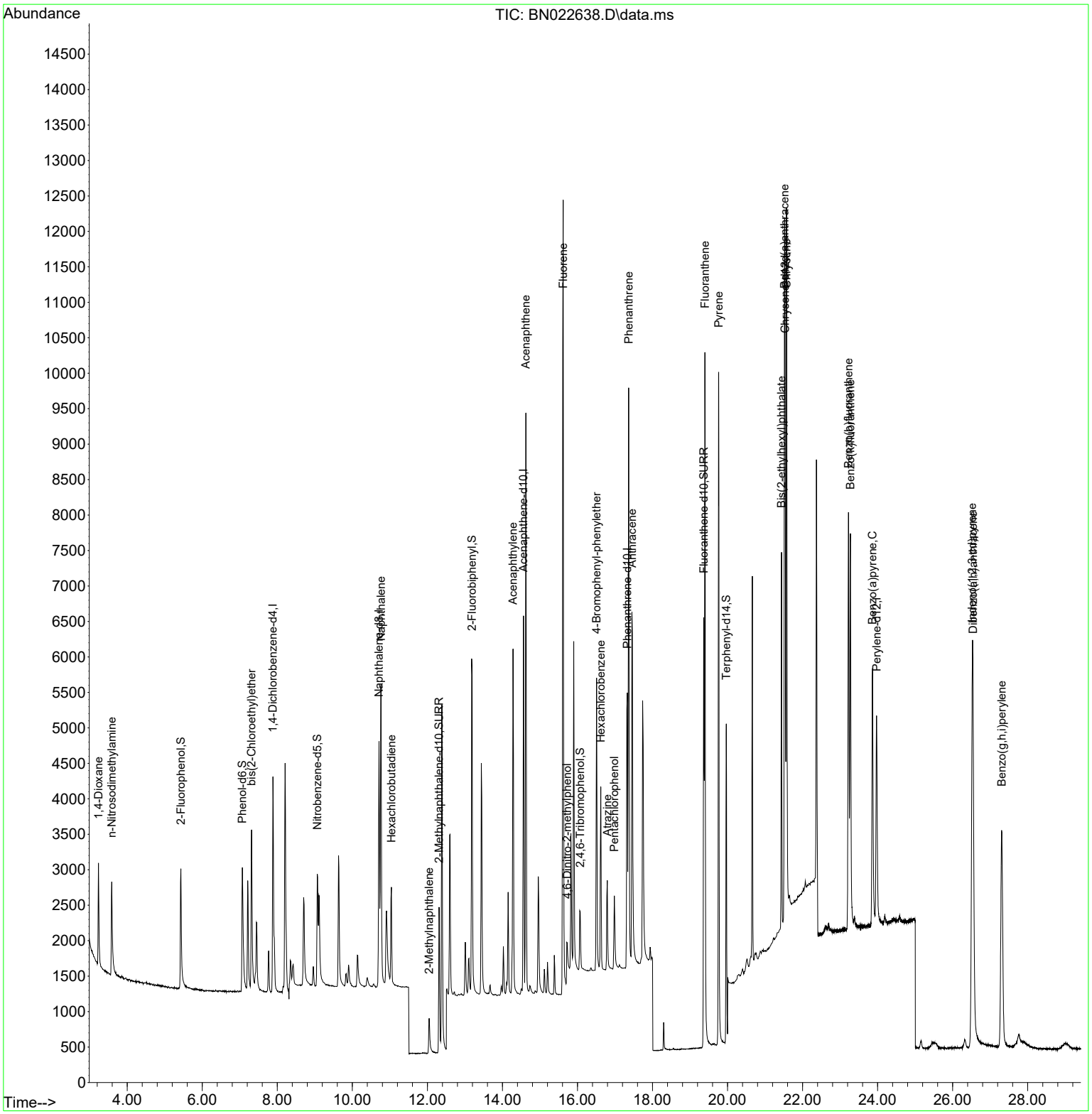
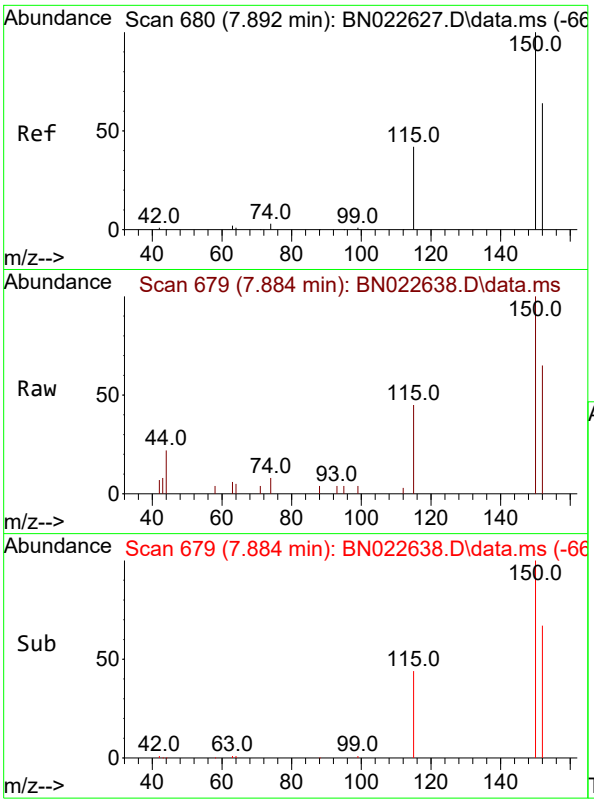
Quant Time: Nov 15 00:39:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 15 00:38:02 2022
Response via : Initial Calibration



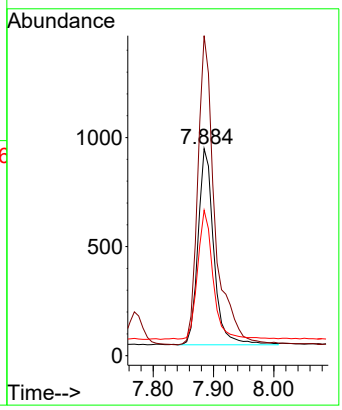


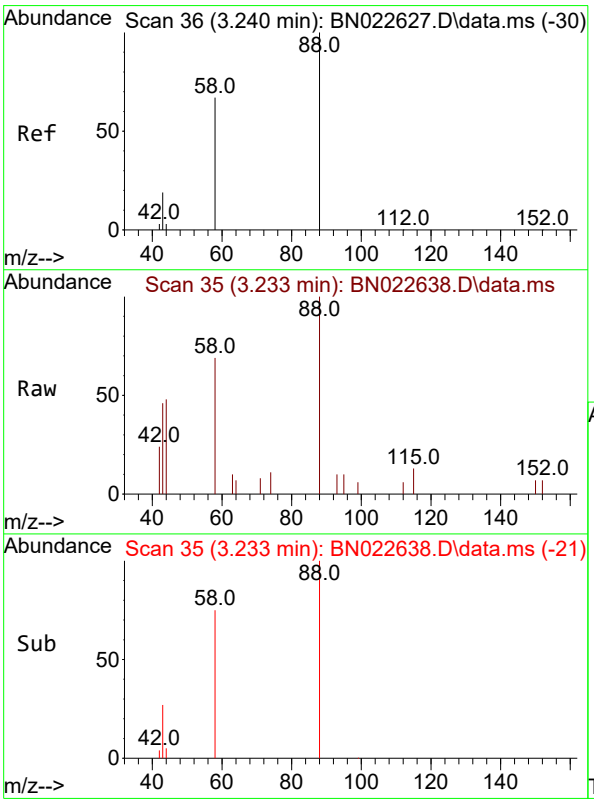
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.884 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:152 Resp: 1633

Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.2	183.4
115	70.3	56.3	84.5

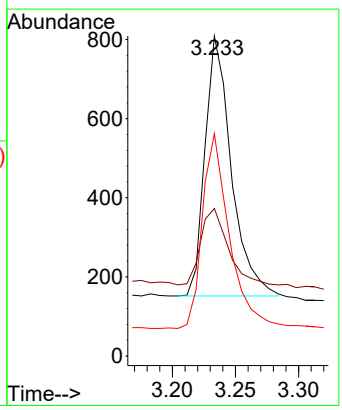


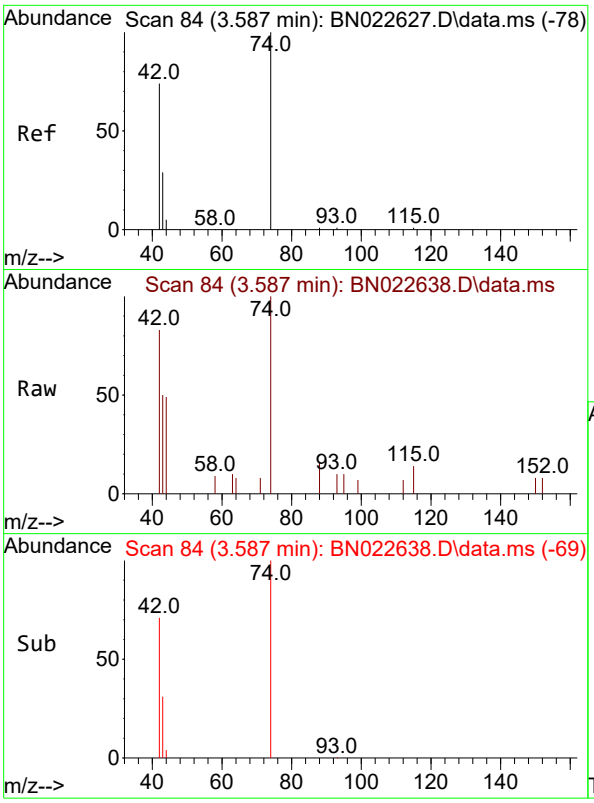


#2
1,4-Dioxane
Concen: 0.415 ng
RT: 3.233 min Scan# 35
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion: 88 Resp: 952

Ion	Ratio	Lower	Upper
88	100		
43	30.3	34.9	52.3#
58	76.8	58.8	88.2



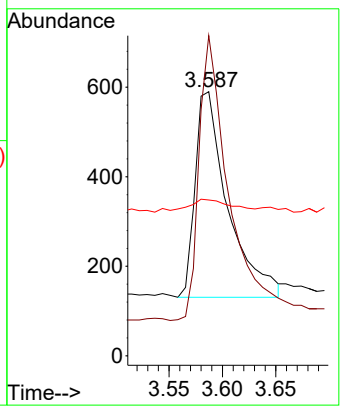


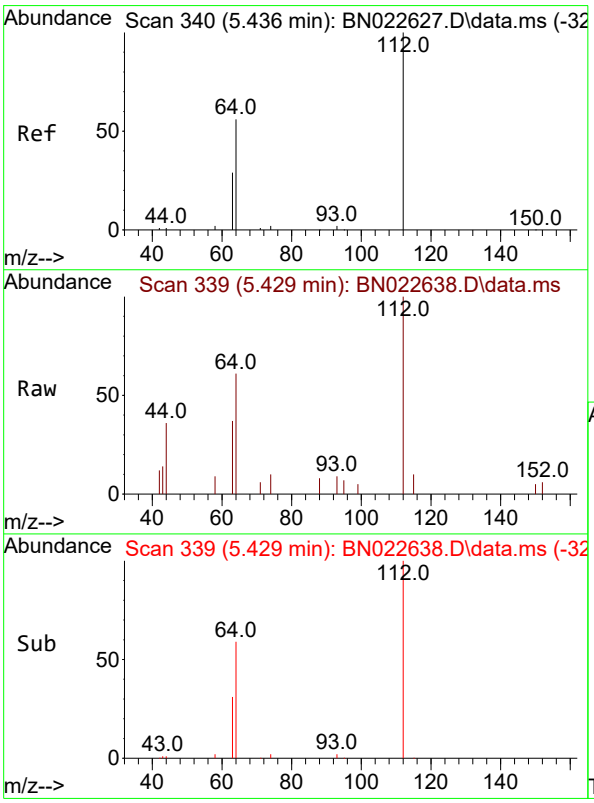
#3
n-Nitrosodimethylamine
Concen: 0.370 ng
RT: 3.587 min Scan# 84
Delta R.T. 0.007 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion: 42 Resp: 976

Ion	Ratio	Lower	Upper
42	100		
74	128.2	101.3	151.9
44	8.3	7.4	11.0

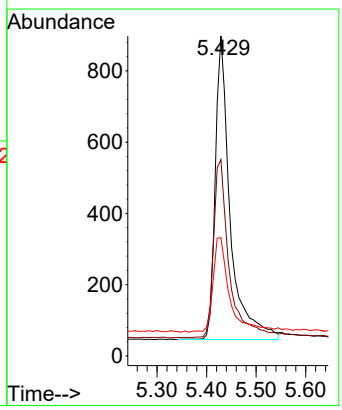


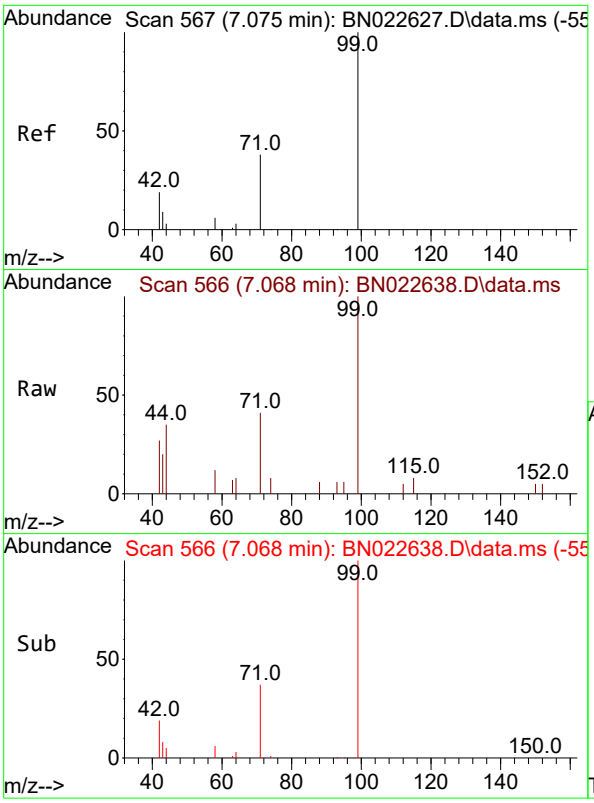


#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.429 min Scan# 339
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:112 Resp: 1780

Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.8	74.6
63	34.2	26.0	39.0



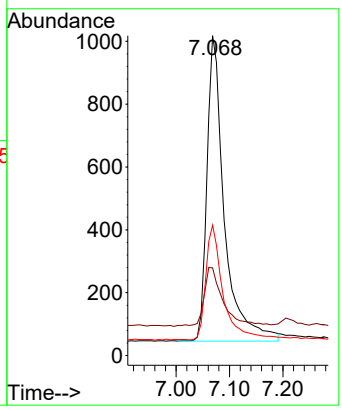


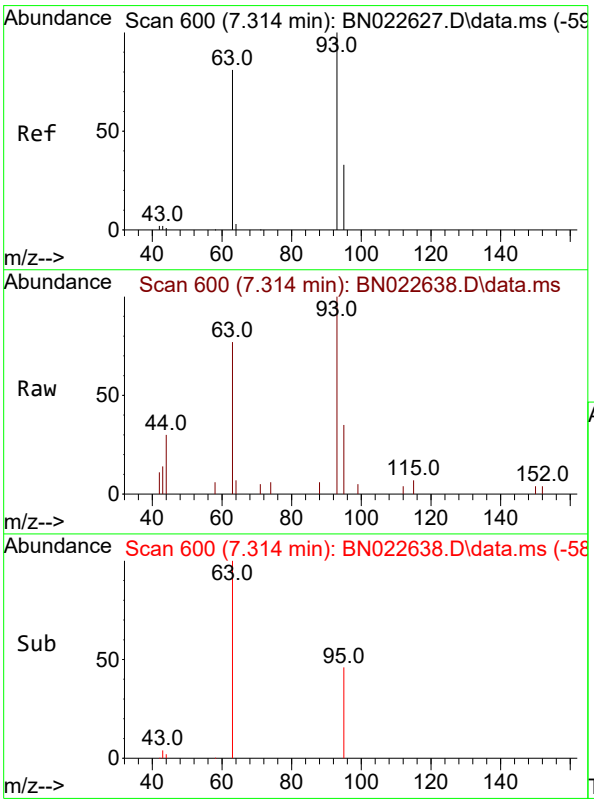
#5
Phenol-d6
Concen: 0.351 ng
RT: 7.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion: 99 Resp: 2195

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.9	25.3
71	37.5	30.2	45.4

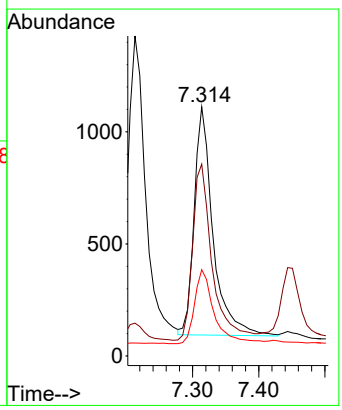


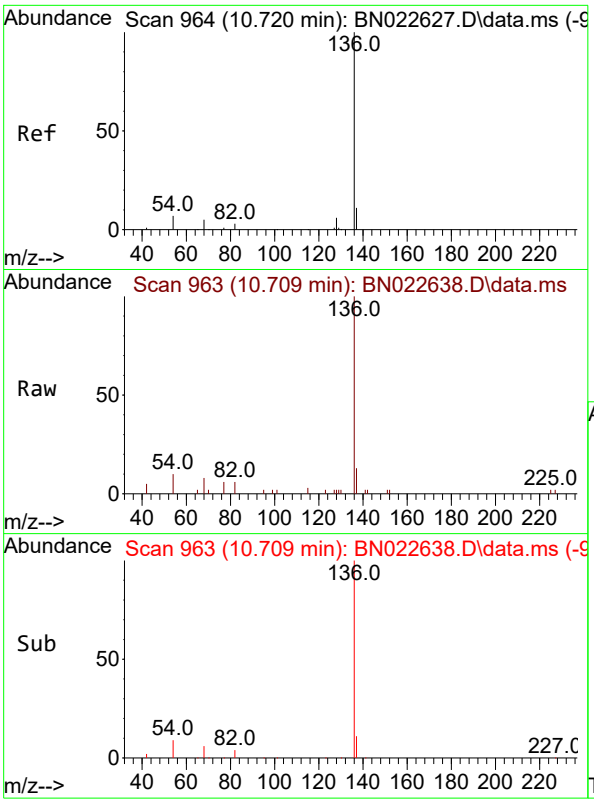


#6
bis(2-Chloroethyl)ether
Concen: 0.377 ng
RT: 7.314 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion: 93 Resp: 2023

Ion	Ratio	Lower	Upper
93	100		
63	80.0	62.5	93.7
95	33.5	26.1	39.1



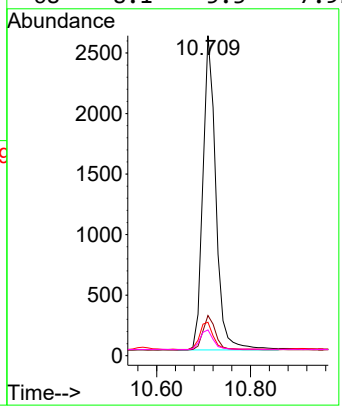


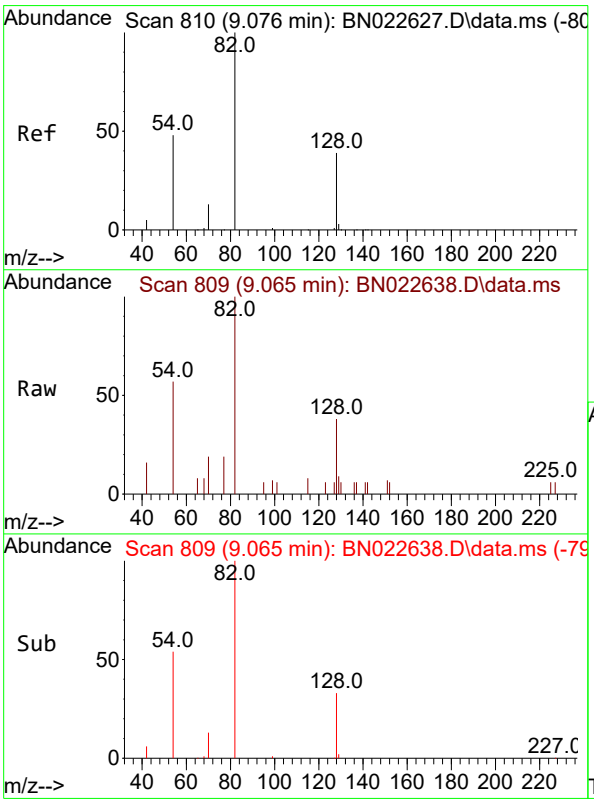
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.709 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:136 Resp: 4970

Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.0	15.0
54	10.4	7.0	10.4#
68	8.1	5.3	7.9#

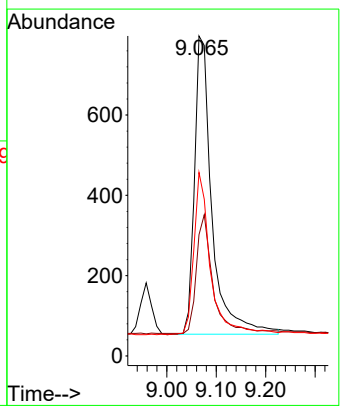


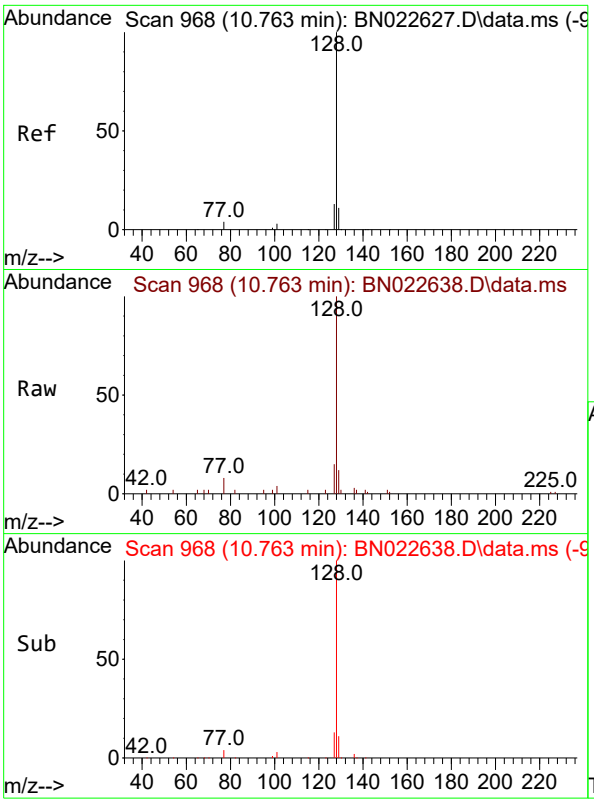


#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 9.065 min Scan# 809
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion: 82 Resp: 1828

Ion	Ratio	Lower	Upper
82	100		
128	37.9	34.6	51.8
54	57.3	40.4	60.6



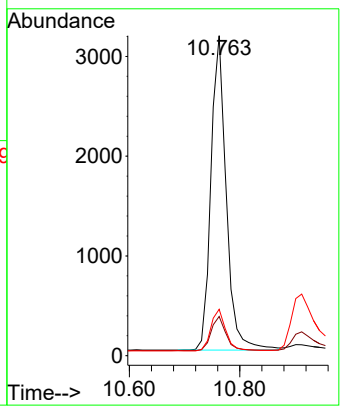


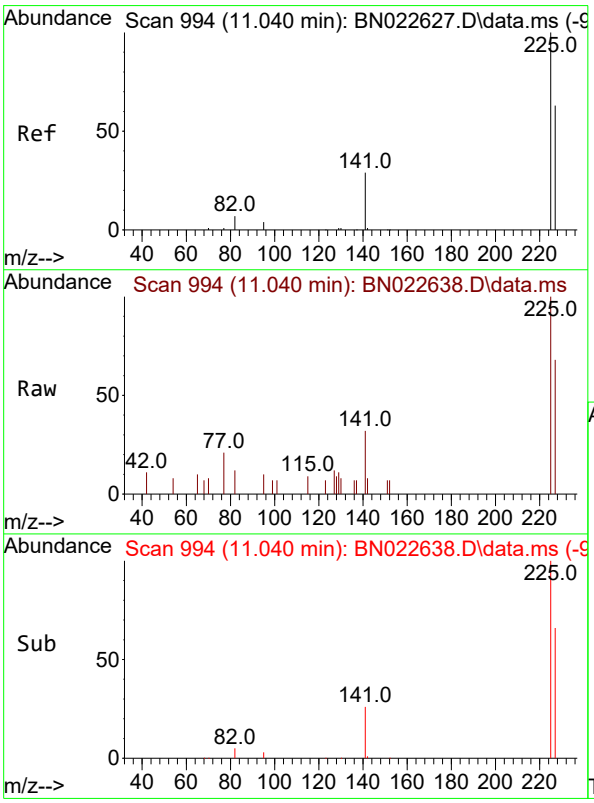
#9
Naphthalene
Concen: 0.302 ng
RT: 10.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:128 Resp: 6052

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.9	14.9
127	14.5	11.4	17.2

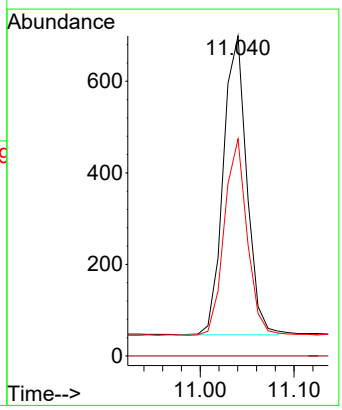


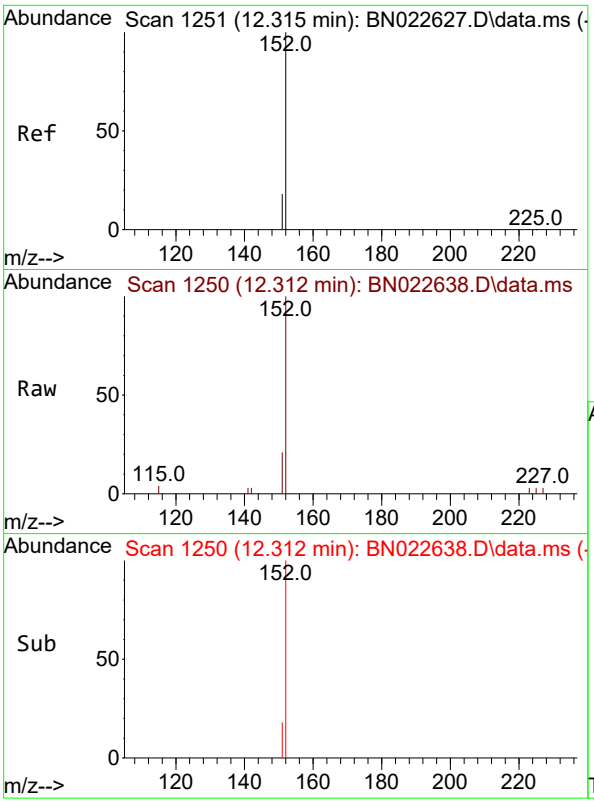


#10
Hexachlorobutadiene
Concen: 0.423 ng
RT: 11.040 min Scan# 994
Delta R.T. 0.011 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:225 Resp: 1135

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.3	76.9



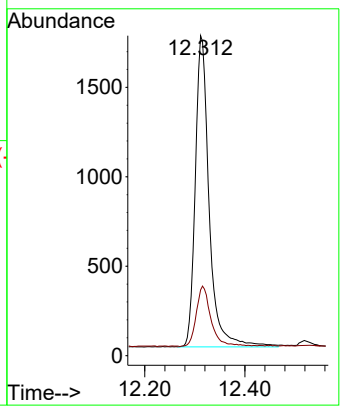


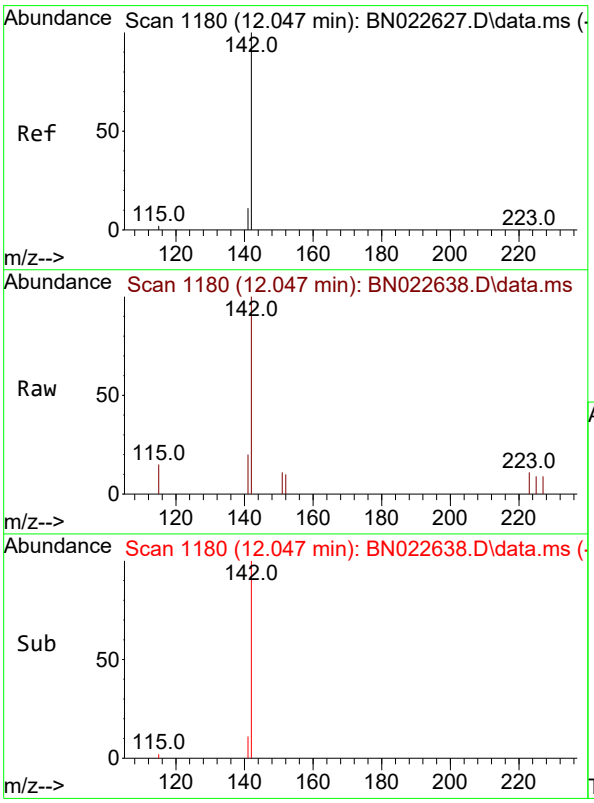
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.312 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:152 Resp: 3342

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5

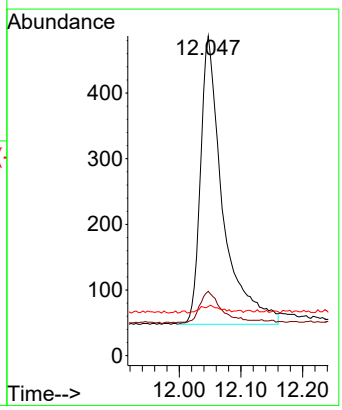


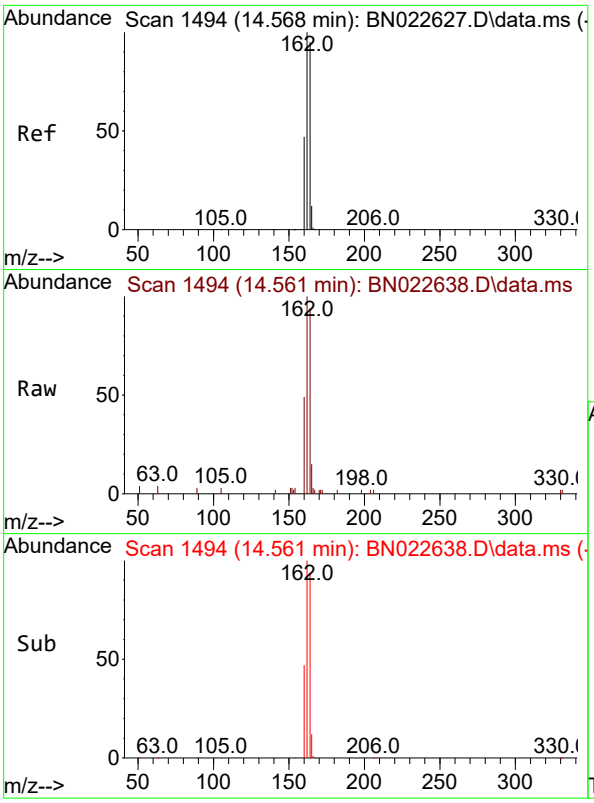


#12
2-Methylnaphthalene
Concen: 0.316 ng
RT: 12.047 min Scan# 1180
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:142 Resp: 1098

Ion	Ratio	Lower	Upper
142	100		
141	20.1	14.9	22.3
115	15.4	11.3	16.9



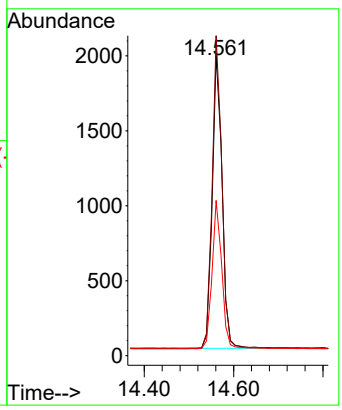


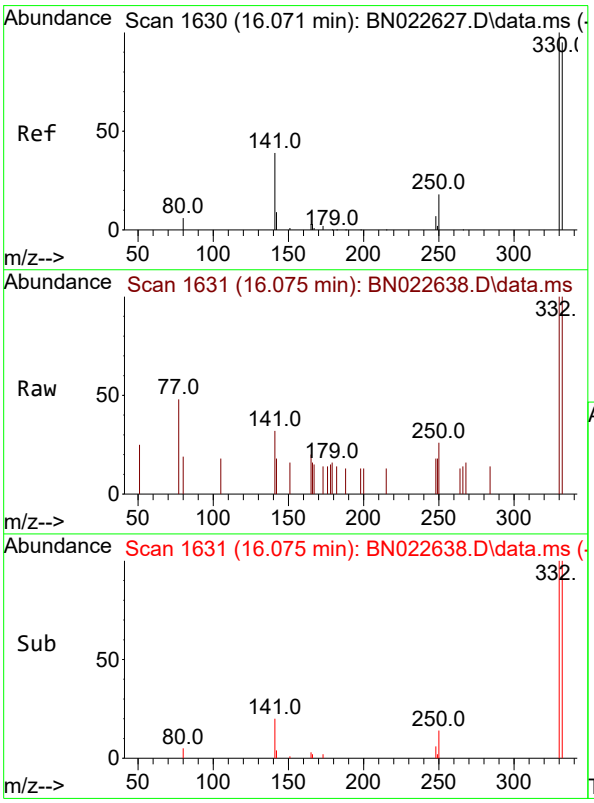
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.561 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:164 Resp: 2986

Ion	Ratio	Lower	Upper
164	100		
162	106.5	84.1	126.1
160	51.7	40.2	60.2

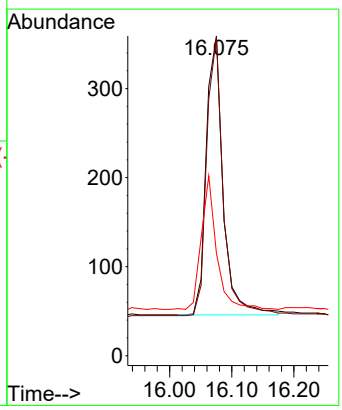


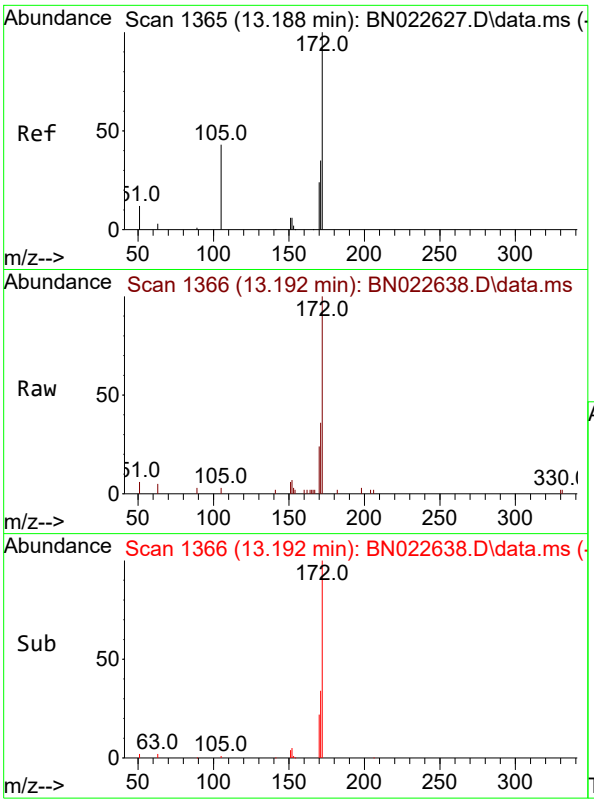


#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 16.075 min Scan# 1631
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:330 Resp: 591

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.2	115.8
141	43.7	46.2	69.2#



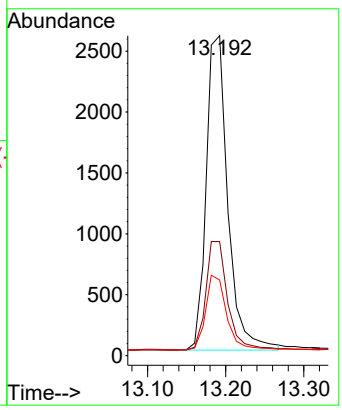


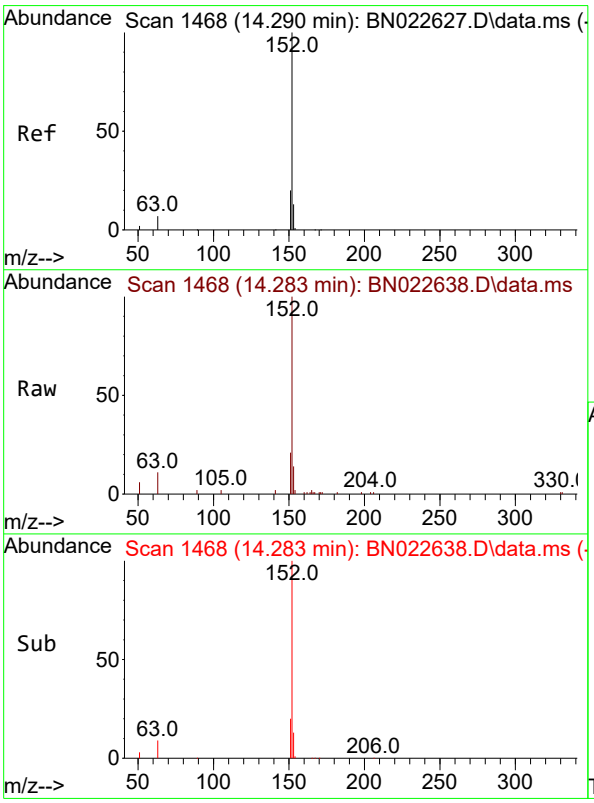
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.192 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:172 Resp: 4961

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.6	20.1	30.1

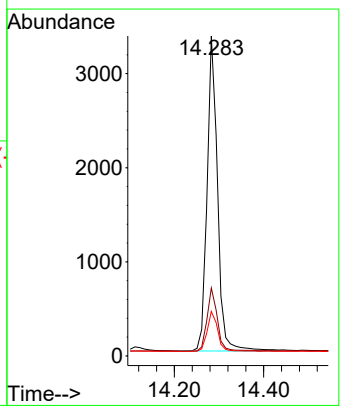


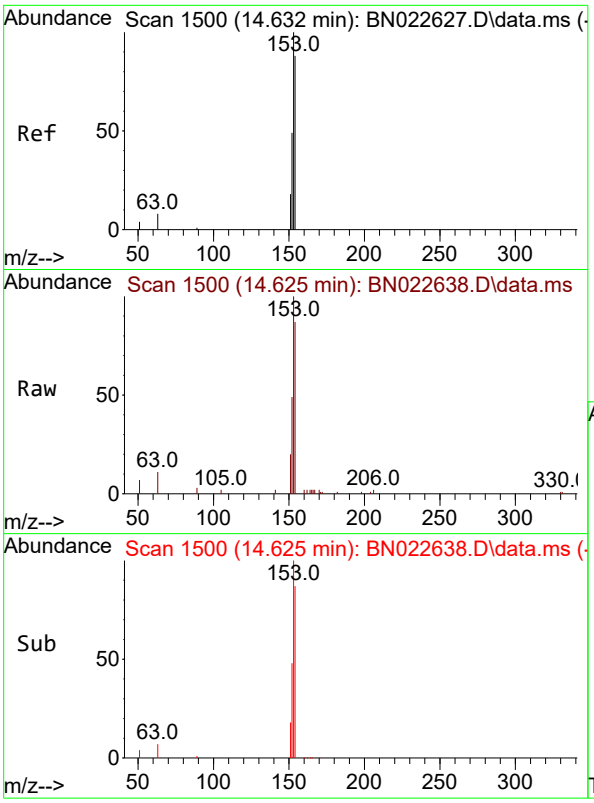


#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.283 min Scan# 1468
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:152 Resp: 5422

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.9	10.3	15.5



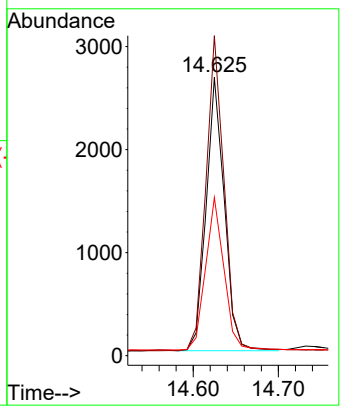


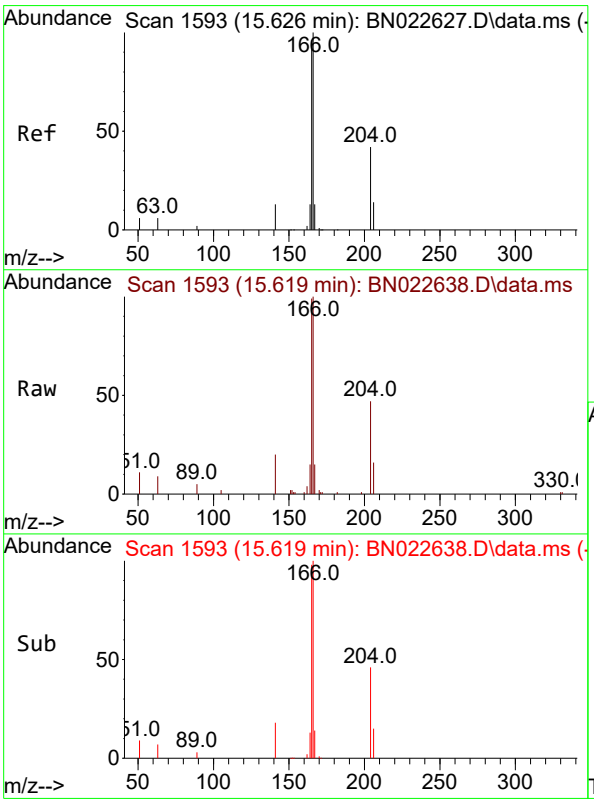
#17
Acenaphthene
Concen: 0.415 ng
RT: 14.625 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:154 Resp: 3942

Ion	Ratio	Lower	Upper
154	100		
153	115.7	91.6	137.4
152	57.0	45.6	68.4

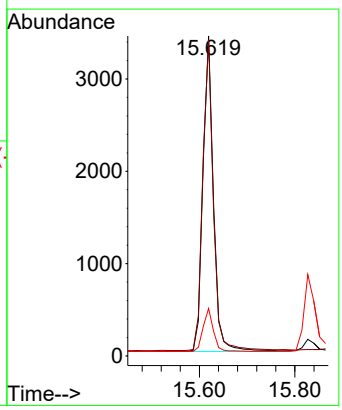


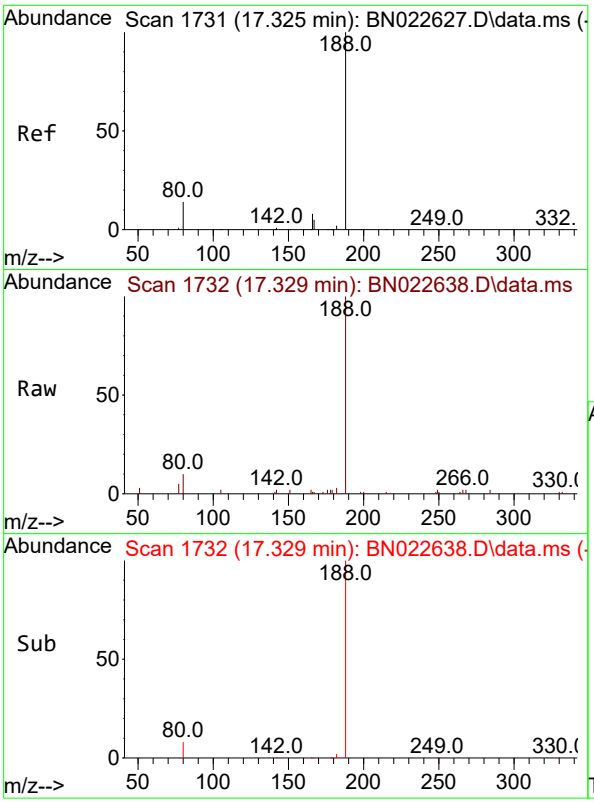


#18
Fluorene
Concen: 0.382 ng
RT: 15.619 min Scan# 1593
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:166 Resp: 5388

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.8
167	13.5	10.2	15.4



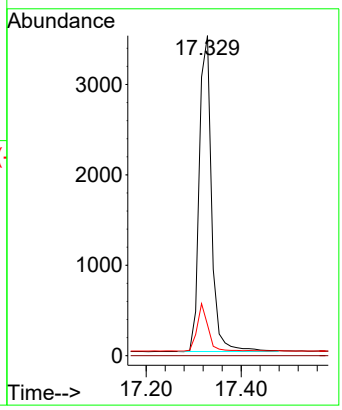


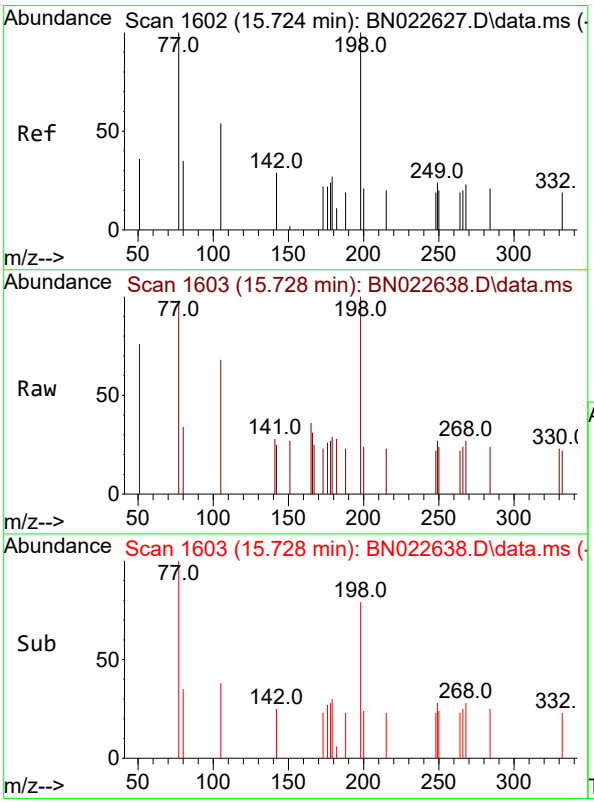
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.329 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:188 Resp: 6272

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	12.6	19.0#

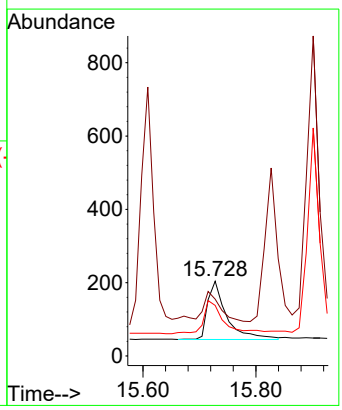


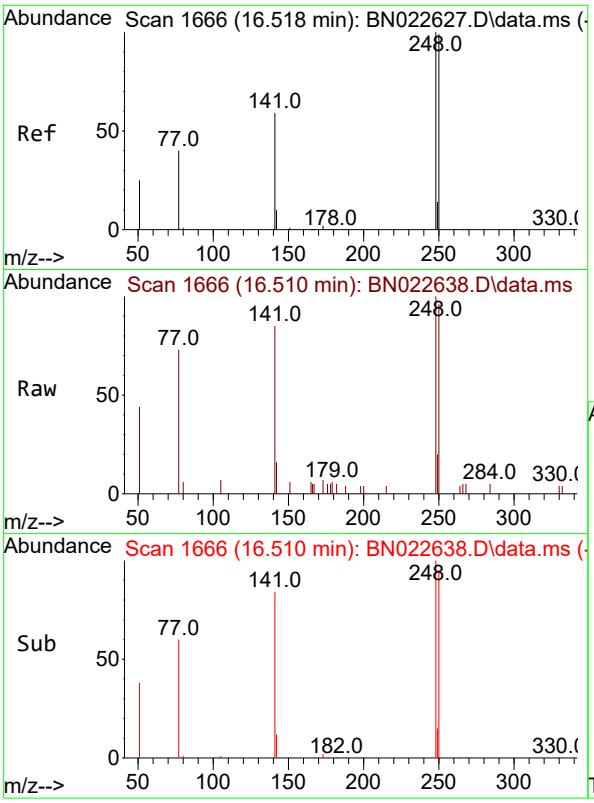


#20
4,6-Dinitro-2-methylphenol
Concen: 0.298 ng
RT: 15.728 min Scan# 1603
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:198 Resp: 366

Ion	Ratio	Lower	Upper
198	100		
51	76.0	266.5	399.7#
105	67.6	64.5	96.7



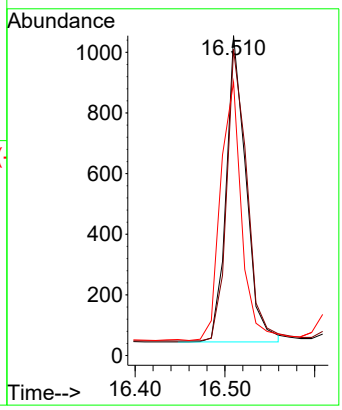


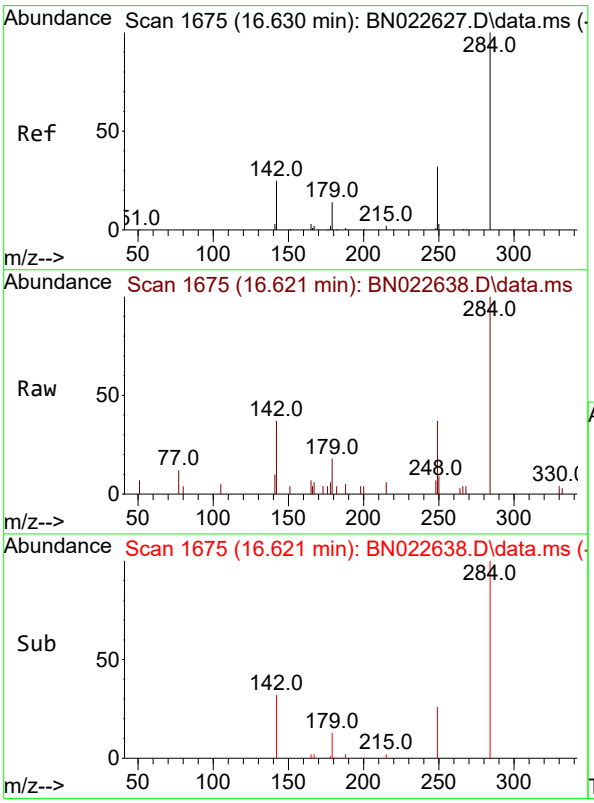
#21
4-Bromophenyl-phenylether
Concen: 0.413 ng
RT: 16.510 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:248 Resp: 1541

Ion	Ratio	Lower	Upper
248	100		
250	95.7	79.8	119.6
141	85.5	49.8	74.8#

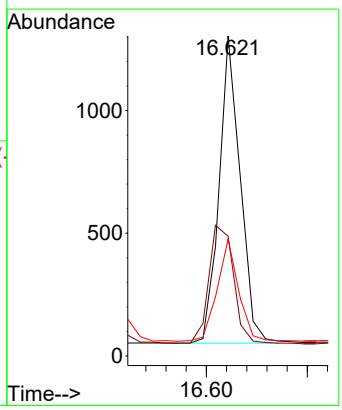


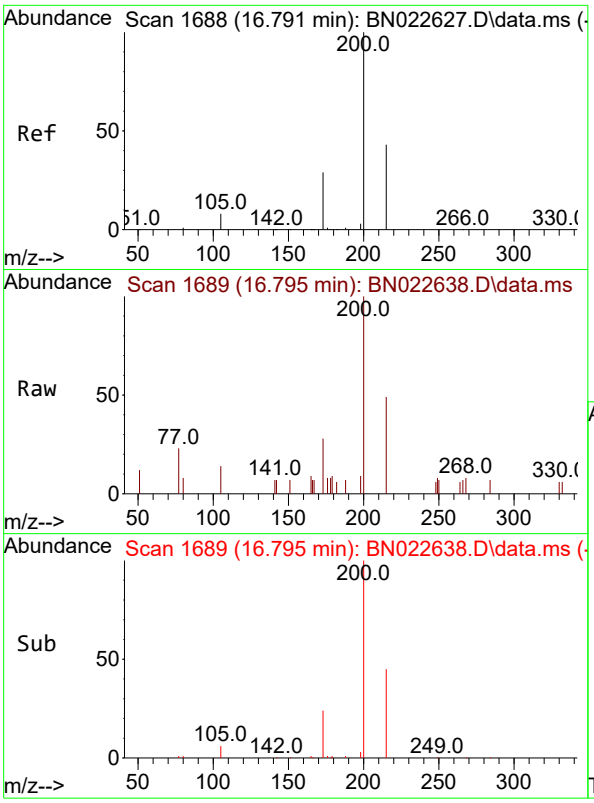


#22
Hexachlorobenzene
Concen: 0.440 ng
RT: 16.621 min Scan# 1675
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:284 Resp: 1822

Ion	Ratio	Lower	Upper
284	100		
142	44.4	36.2	54.2
249	33.5	27.6	41.4



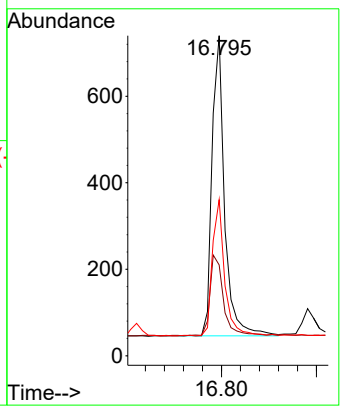


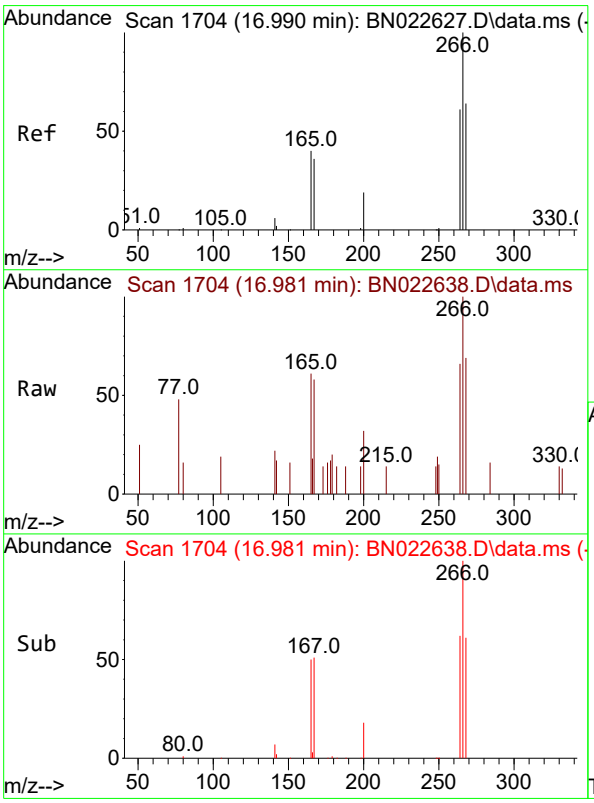
#23
Atrazine
Concen: 0.357 ng
RT: 16.795 min Scan# 1(
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:200 Resp: 1273

Ion	Ratio	Lower	Upper
200	100		
173	28.4	26.2	39.4
215	48.8	36.4	54.6

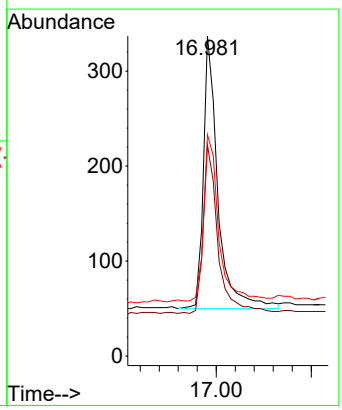


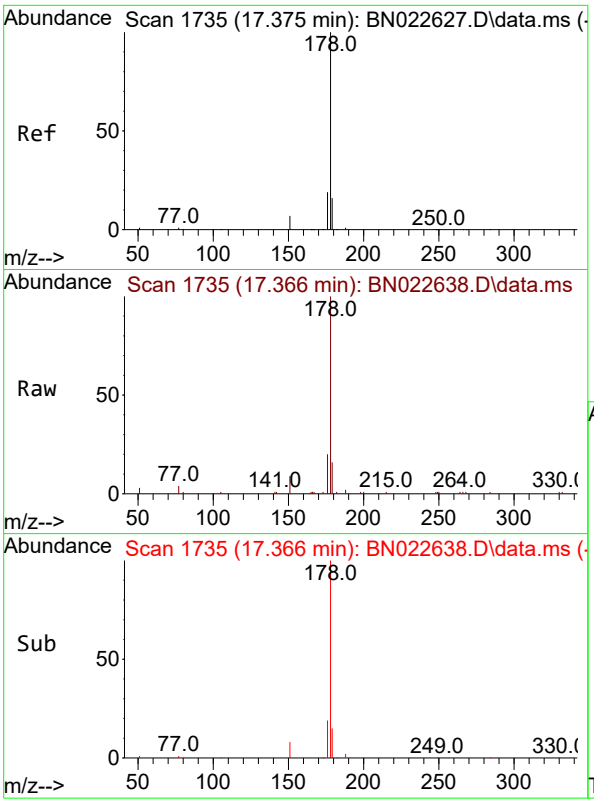


#24
Pentachlorophenol
Concen: 0.322 ng
RT: 16.981 min Scan# 1704
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:266 Resp: 611

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.6	74.4
268	62.8	50.9	76.3



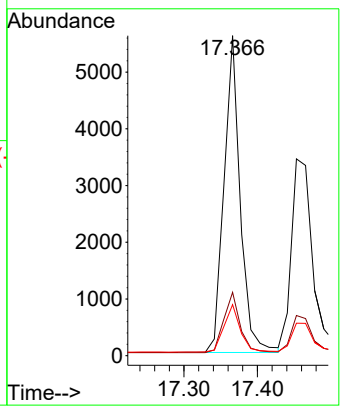


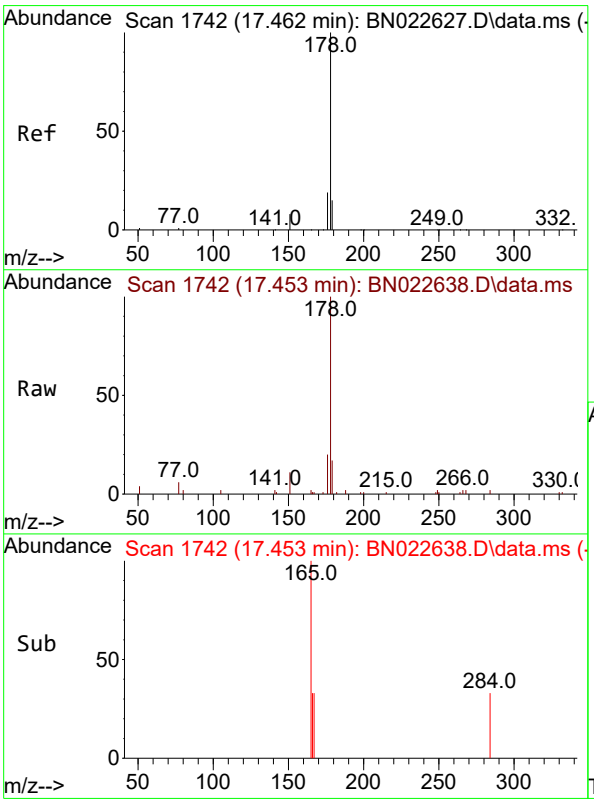
#25
Phenanthrene
Concen: 0.393 ng
RT: 17.366 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:178 Resp: 8557

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.3	12.6	19.0

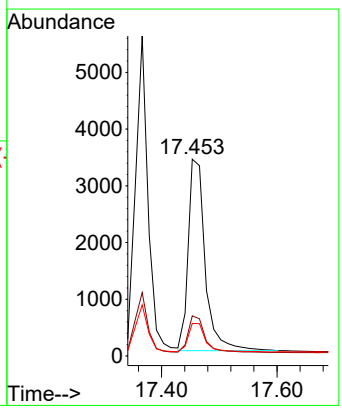


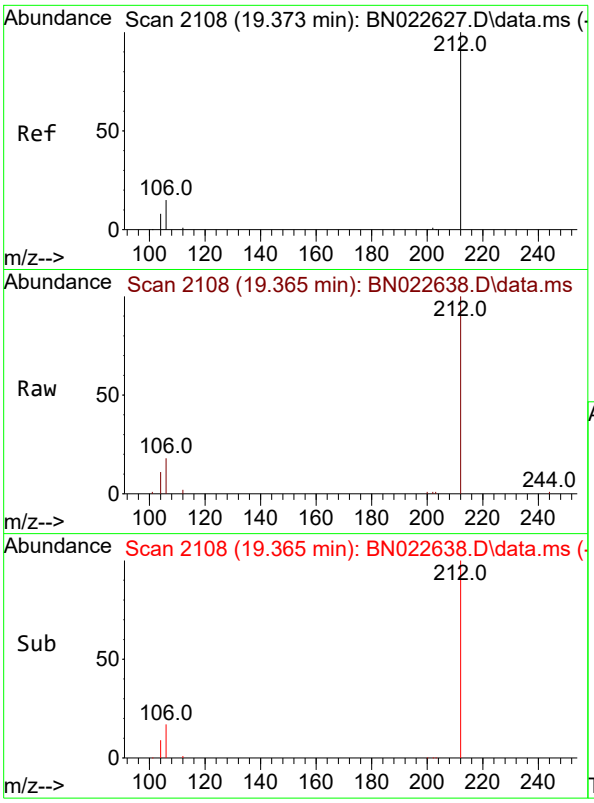


#26
Anthracene
Concen: 0.382 ng
RT: 17.453 min Scan# 1742
Delta R.T. -0.009 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:178 Resp: 6918

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.0	11.7	17.5



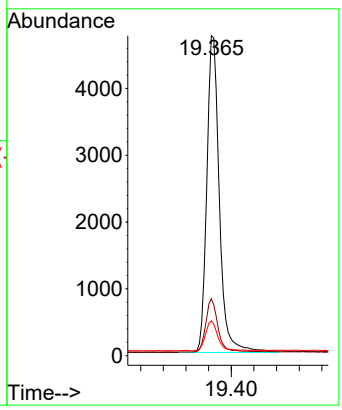


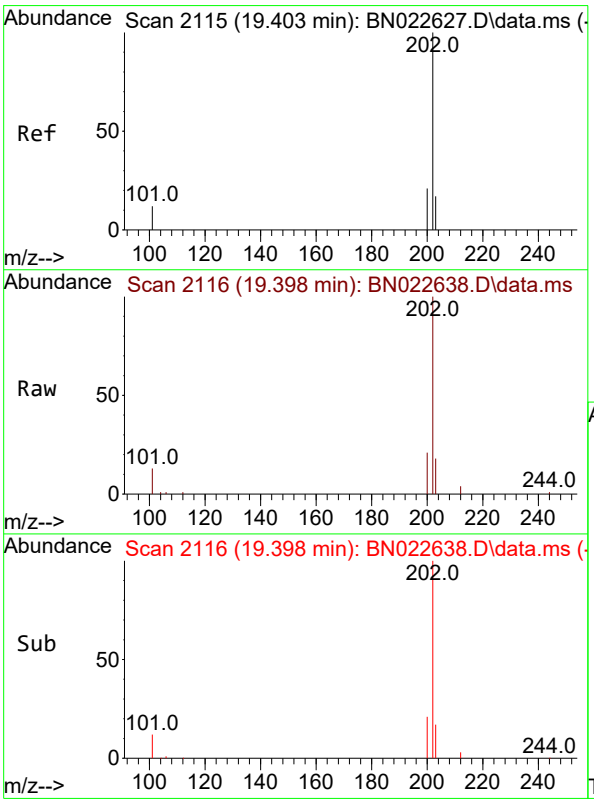
#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:212 Resp: 7283

Ion	Ratio	Lower	Upper
212	100		
106	16.2	13.3	19.9
104	9.3	7.8	11.8

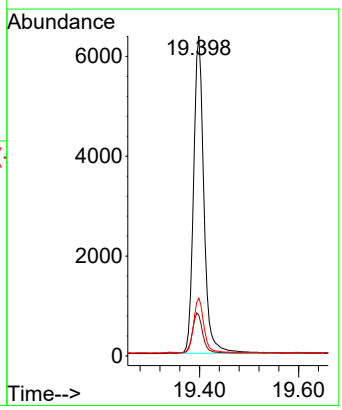


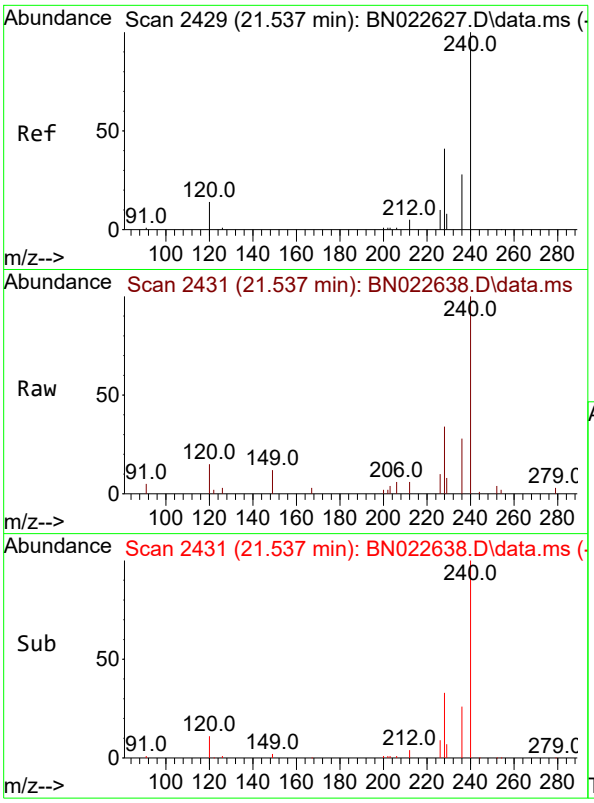


#28
Fluoranthene
Concen: 0.403 ng
RT: 19.398 min Scan# 2116
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:202 Resp: 9224

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.4	15.6
203	16.9	13.9	20.9



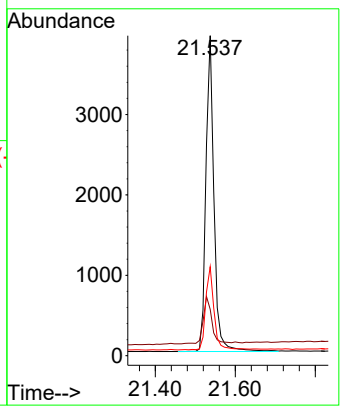


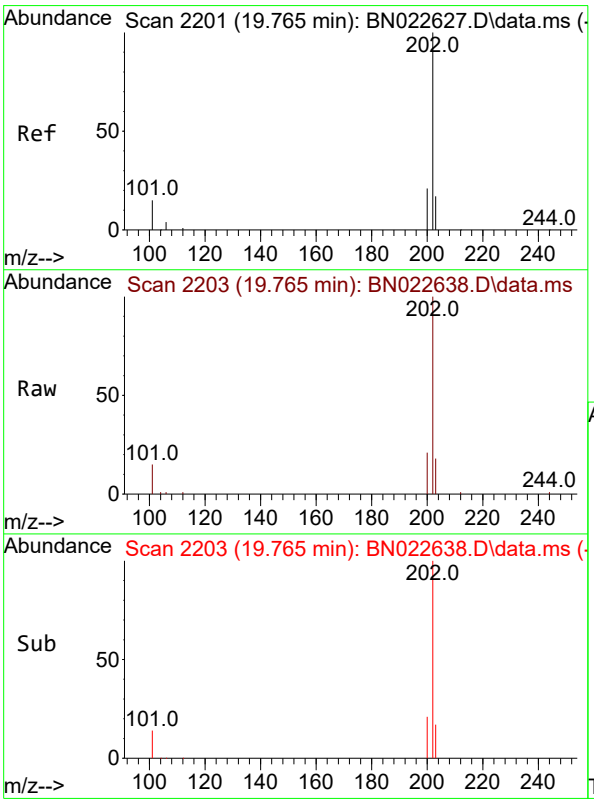
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.537 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:240 Resp: 5508

Ion	Ratio	Lower	Upper
240	100		
120	14.5	14.0	21.0
236	27.8	23.4	35.2

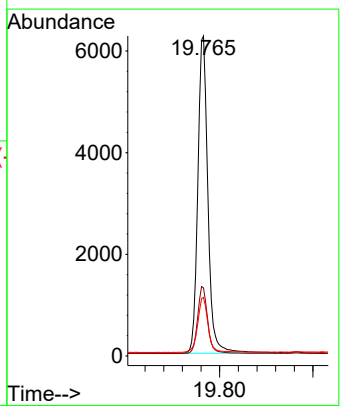


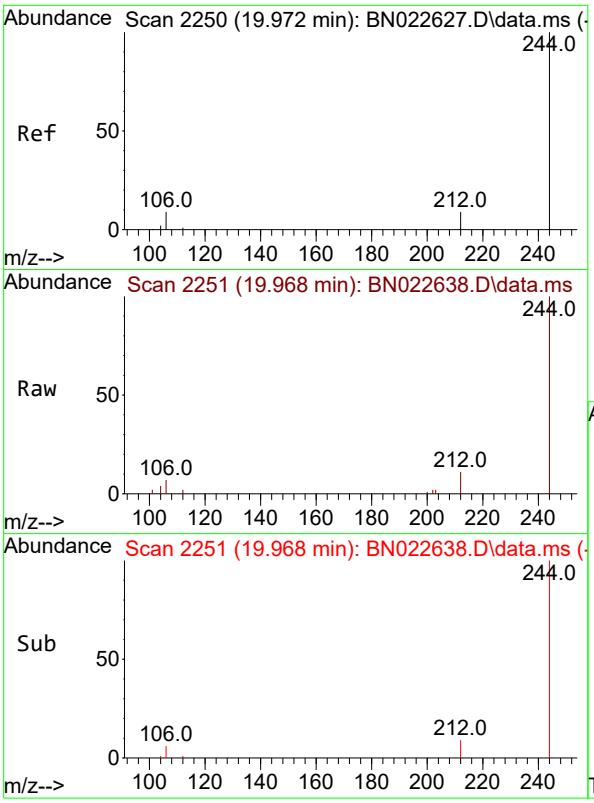


#30
Pyrene
Concen: 0.406 ng
RT: 19.765 min Scan# 2203
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:202 Resp: 9360

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.8	14.6	22.0



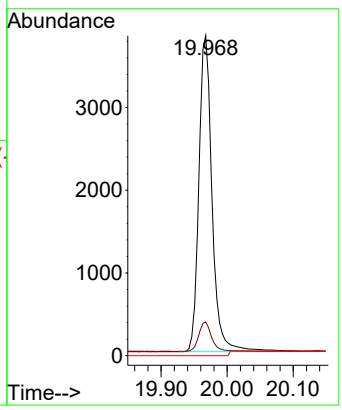


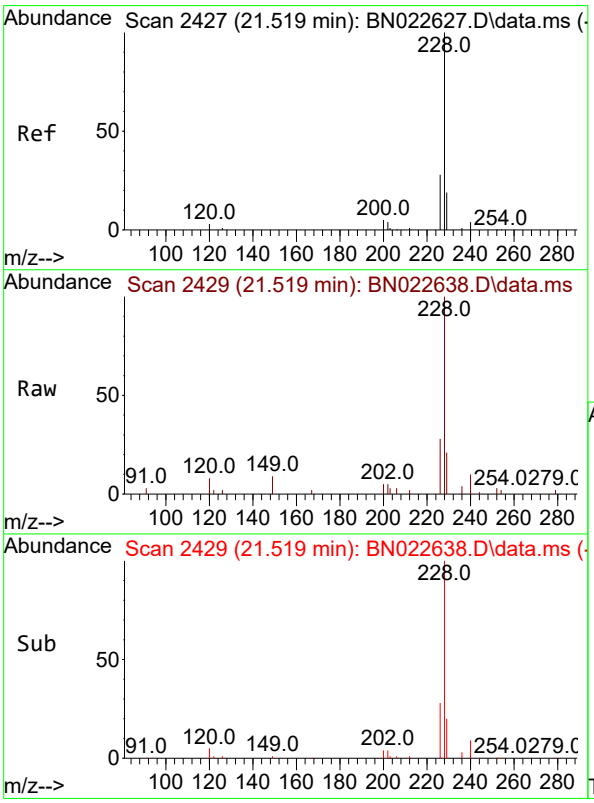
#31
Terphenyl-d14
Concen: 0.414 ng
RT: 19.968 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:244 Resp: 6953

Ion	Ratio	Lower	Upper
244	100		
212	10.6	8.3	12.5
122	0.0	0.0	0.0

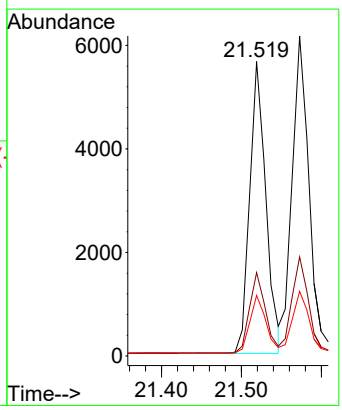


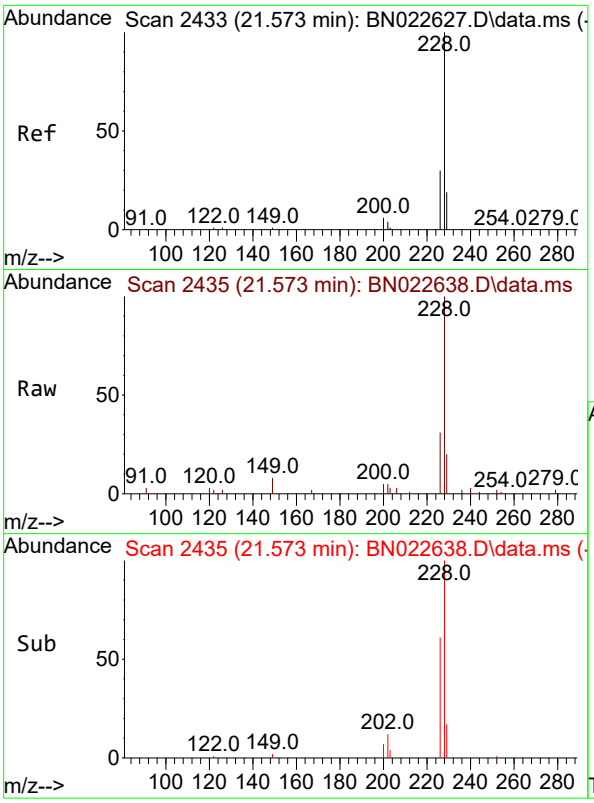


#32
Benzo(a)anthracene
Concen: 0.376 ng
RT: 21.519 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:228 Resp: 7935

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.3	34.9
229	20.5	16.5	24.7



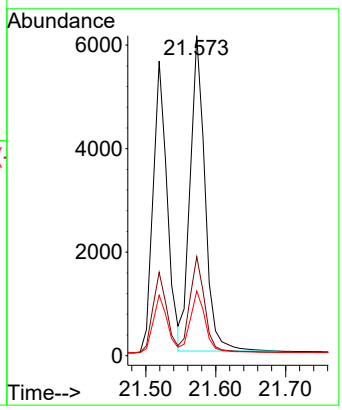


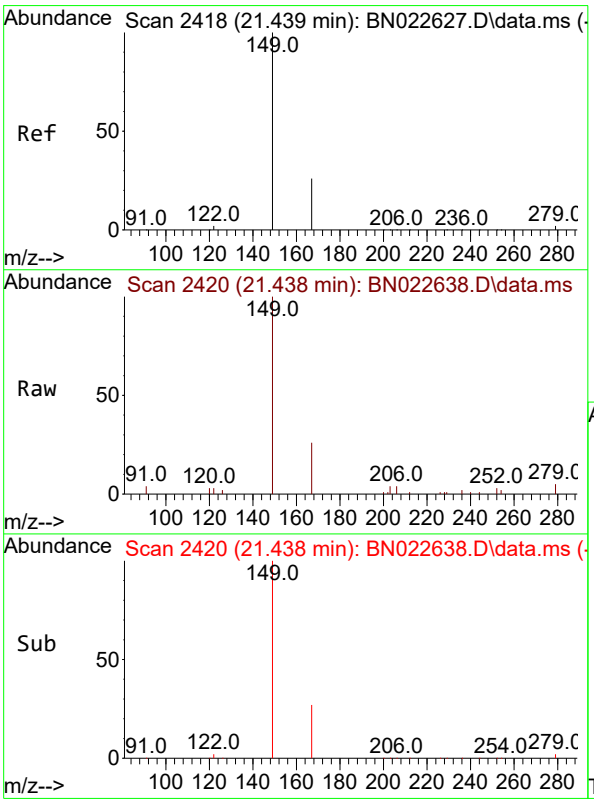
#33
Chrysene
Concen: 0.429 ng
RT: 21.573 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:228 Resp: 8975

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.2	16.2	24.2

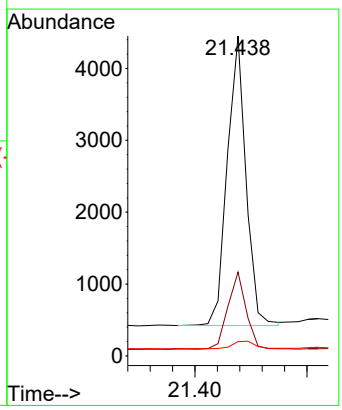


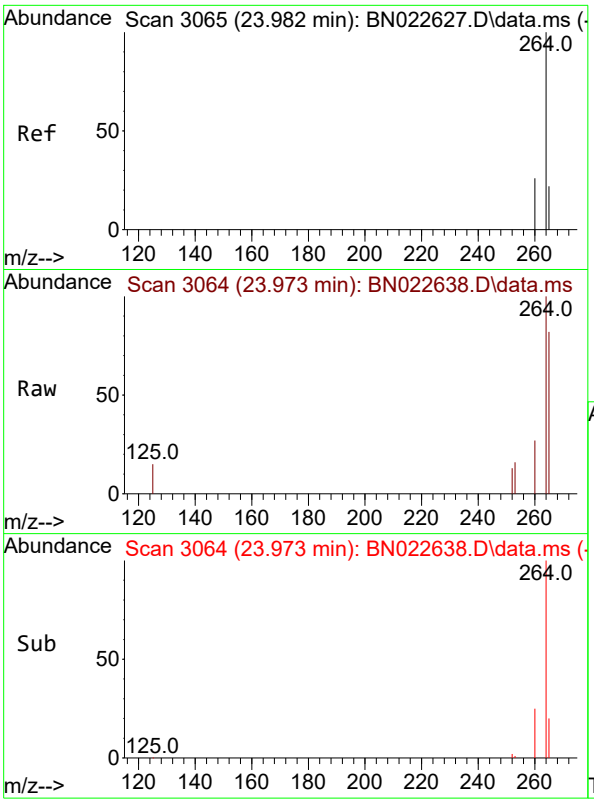


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.303 ng
RT: 21.438 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:149 Resp: 4669

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.1	31.7
279	3.2	2.8	4.2



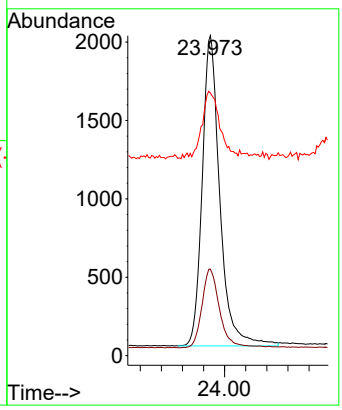


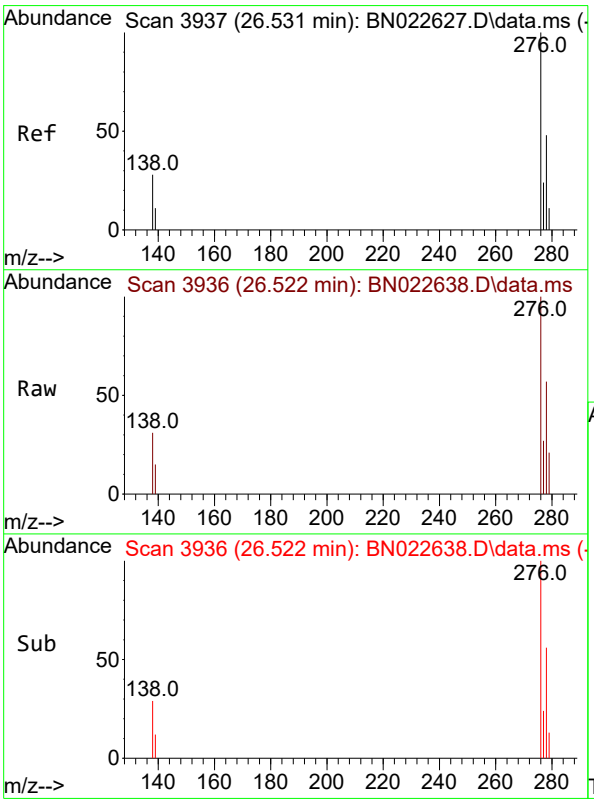
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.973 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:264 Resp: 4594

Ion	Ratio	Lower	Upper
264	100		
260	27.0	22.0	33.0
265	82.2	60.6	90.8

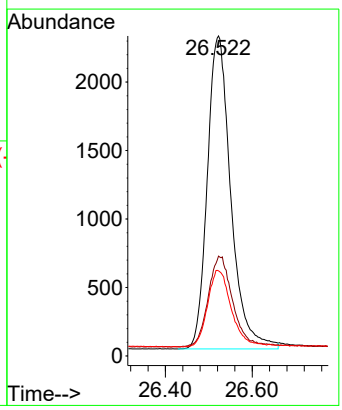


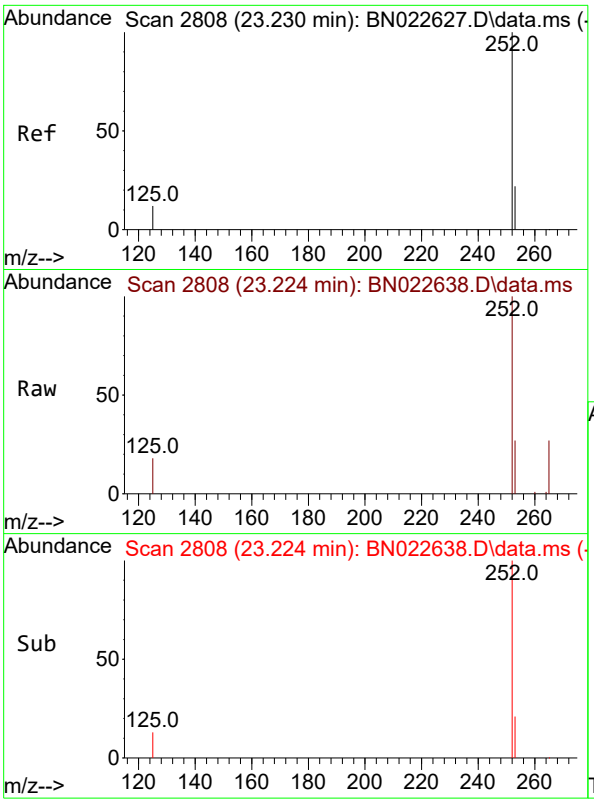


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng
RT: 26.522 min Scan# 3936
Delta R.T. 0.009 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:276 Resp: 8599

Ion	Ratio	Lower	Upper
276	100		
138	30.2	23.8	35.8
277	24.8	19.9	29.9



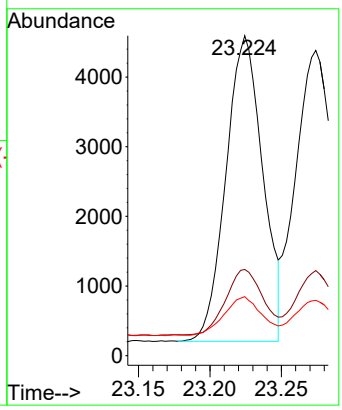


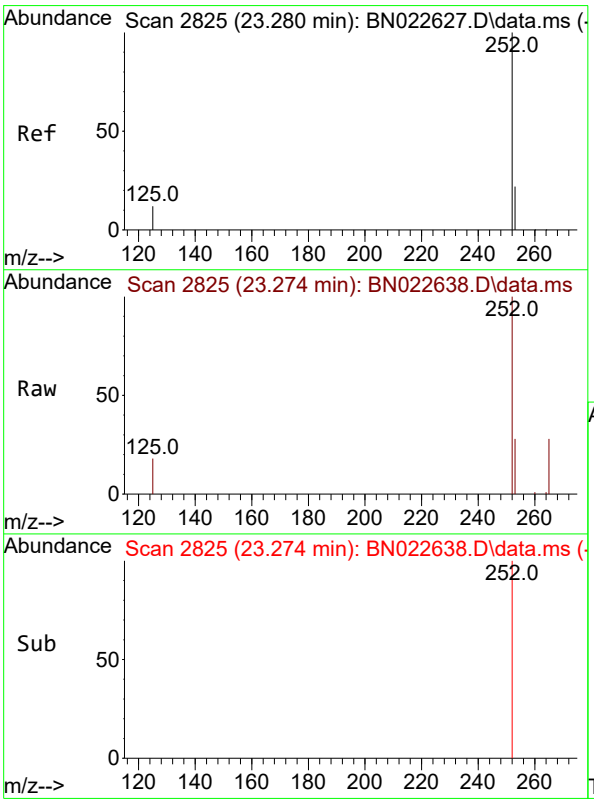
#37
Benzo(b)fluoranthene
Concen: 0.430 ng
RT: 23.224 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:252 Resp: 7850

Ion	Ratio	Lower	Upper
252	100		
253	26.9	22.7	34.1
125	18.4	15.2	22.8

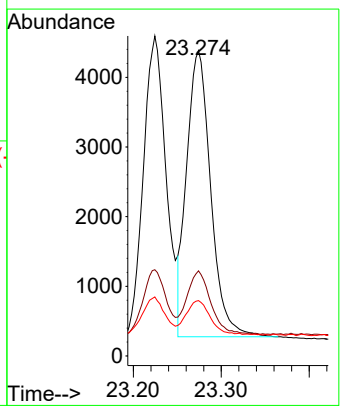


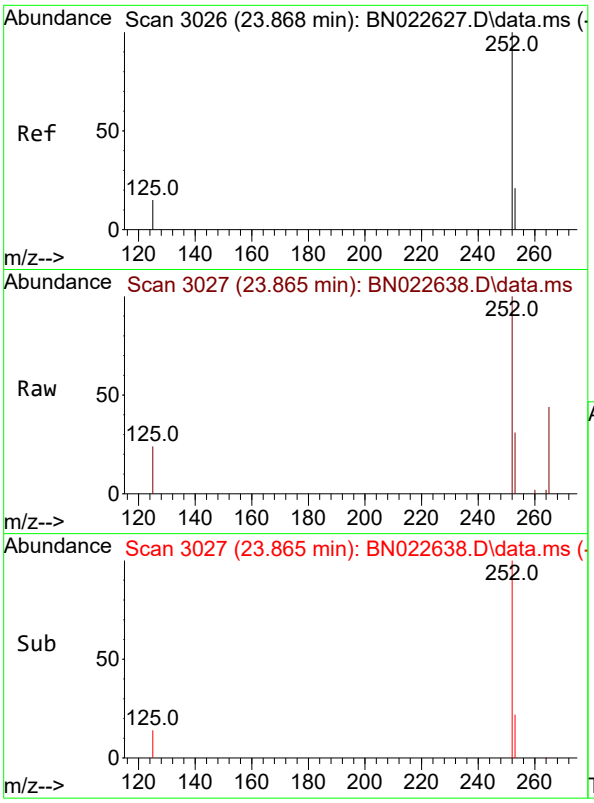


#38
Benzo(k)fluoranthene
Concen: 0.421 ng
RT: 23.274 min Scan# 2825
Delta R.T. 0.003 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:252 Resp: 7816

Ion	Ratio	Lower	Upper
252	100		
253	27.9	22.6	33.8
125	18.1	14.9	22.3



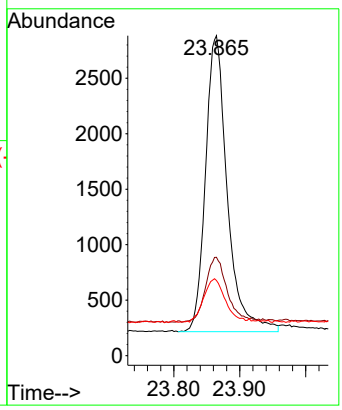


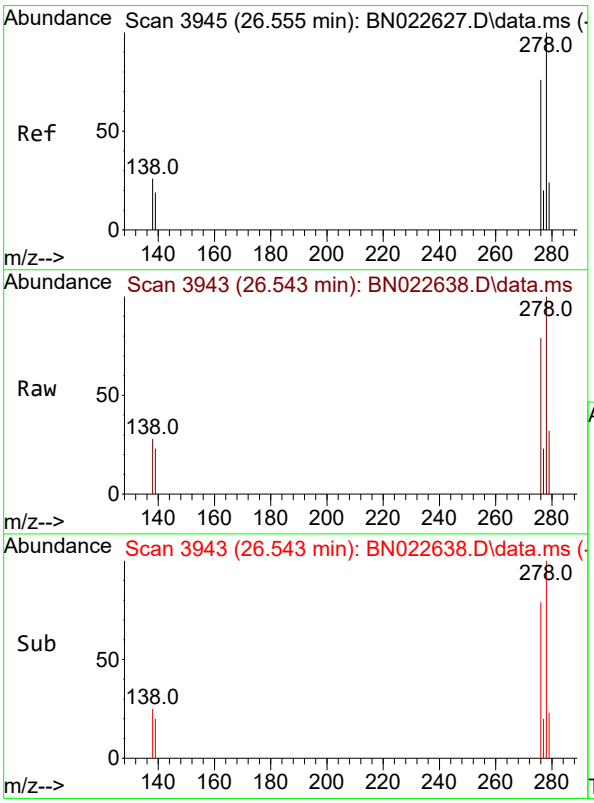
#39
Benzo(a)pyrene
Concen: 0.410 ng
RT: 23.865 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:252 Resp: 6129

Ion	Ratio	Lower	Upper
252	100		
253	30.7	24.6	36.8
125	23.5	19.4	29.0

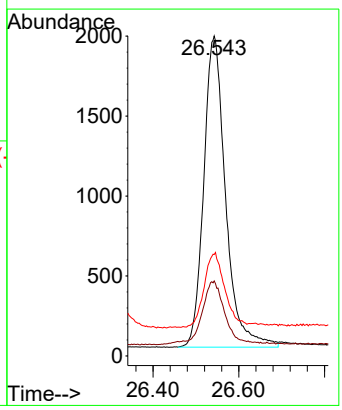


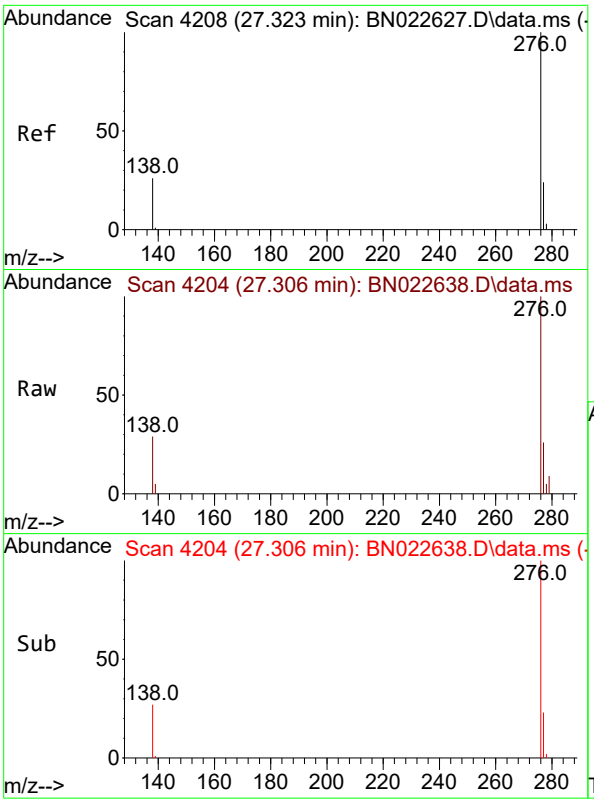


#40
Dibenzo(a,h)anthracene
Concen: 0.439 ng
RT: 26.543 min Scan# 3943
Delta R.T. 0.009 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Tgt Ion:278 Resp: 6892

Ion	Ratio	Lower	Upper
278	100		
139	23.4	19.1	28.7
279	31.7	24.8	37.2





#41
Benzo(g,h,i)perylene
Concen: 0.457 ng
RT: 27.306 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN022638.D
Acq: 14 Nov 2022 13:56

Instrument :
BNA_N
ClientSampleId :
PB148986BSD

Tgt Ion:276 Resp: 7429

Ion	Ratio	Lower	Upper
276	100		
277	26.2	21.2	31.8
138	29.2	23.8	35.8