Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063023\
Data File : BN026115.D
Acq On : 30 Jun 2023 05:25
Operator : MA/JU
Sample : PB153896BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Quant Time: Jun 30 07:08:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 07:06:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.962	152	6454	0.400	ng		0.00
7) Naphthalene-d8	10.771	136	21475	0.400	ng		0.00
13) Acenaphthene-d10	14.598	164	12885	0.400	ng		0.00
19) Phenanthrene-d10	17.343	188	24257	0.400	ng	#	0.00
29) Chrysene-d12	21.533	240	13029	0.400	ng	#	0.00
35) Perylene-d12	24.002	264	12939	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.520	112	6767	0.432	ng		0.00
5) Phenol-d6	7.131	99	9052	0.454	ng		0.00
8) Nitrobenzene-d5	9.138	82	7236	0.394	ng		0.00
11) 2-Methylnaphthalene-d10	12.362	152	13089	0.417	ng		0.00
14) 2,4,6-Tribromophenol	16.102	330	1779	0.379	ng		0.00
15) 2-Fluorobiphenyl	13.229	172	20342	0.409	ng		0.00
27) Fluoranthene-d10	19.379	212	20217	0.393	ng		0.00
31) Terphenyl-d14	19.969	244	13031	0.391	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	2641	0.387	ng		94
3) n-Nitrosodimethylamine	3.715	42	2473	0.358	ng	#	98
6) bis(2-Chloroethyl)ether	7.384	93	6584	0.401	ng		98
9) Naphthalene	10.824	128	23768	0.409	ng		100
10) Hexachlorobutadiene	11.102	225	4599	0.410	ng	#	99
12) 2-Methylnaphthalene	12.434	142	16786	0.410	ng		99
16) Acenaphthylene	14.320	152	24760	0.410	ng		100
17) Acenaphthene	14.662	154	16302	0.418	ng		96
18) Fluorene	15.643	166	20315	0.399	ng		99
20) 4,6-Dinitro-2-methylph...	15.755	198	900	0.314	ng		92
21) 4-Bromophenyl-phenylether	16.537	248	5746	0.415	ng	#	94
22) Hexachlorobenzene	16.661	284	5942	0.428	ng		96
23) Atrazine	16.810	200	4973	0.418	ng		95
24) Pentachlorophenol	17.008	266	2272	0.348	ng		96
25) Phenanthrene	17.393	178	28811	0.405	ng		100
26) Anthracene	17.480	178	25815	0.403	ng		99
28) Fluoranthene	19.412	202	29254	0.392	ng		99
30) Pyrene	19.769	202	29108	0.403	ng		100
32) Benzo(a)anthracene	21.524	228	19545	0.417	ng		99
33) Chrysene	21.578	228	20998	0.402	ng		99
34) Bis(2-ethylhexyl)phtha...	21.435	149	19097	0.457	ng		99
36) Indeno(1,2,3-cd)pyrene	26.577	276	22498	0.424	ng		98
37) Benzo(b)fluoranthene	23.247	252	18278	0.389	ng		99
38) Benzo(k)fluoranthene	23.297	252	19202	0.378	ng		99
39) Benzo(a)pyrene	23.896	252	19749	0.429	ng		98
40) Dibenzo(a,h)anthracene	26.601	278	17355	0.417	ng		100
41) Benzo(g,h,i)perylene	27.370	276	20795	0.429	ng		100

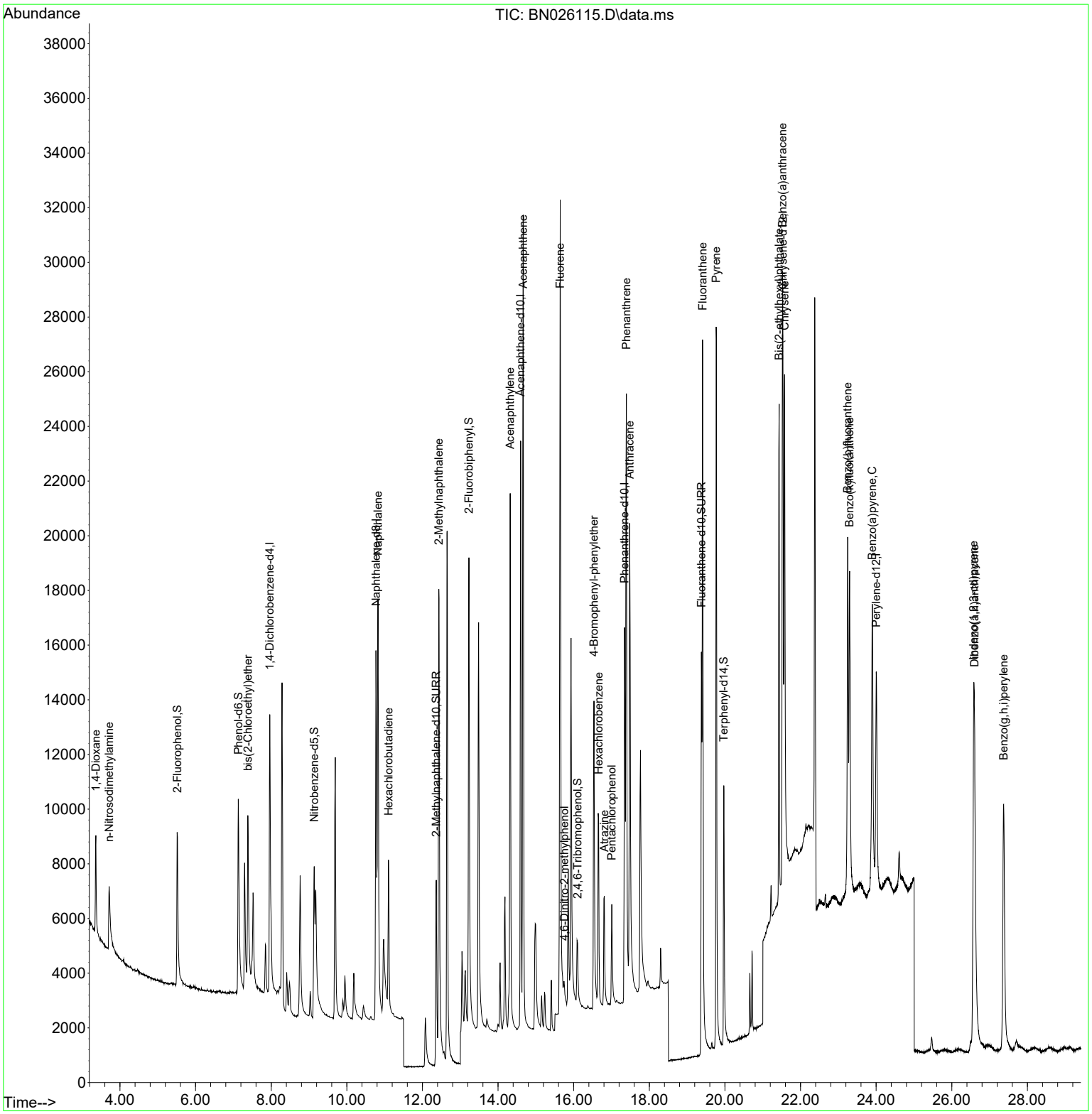
(#) = qualifier out of range (m) = manual integration (+) = signals summed

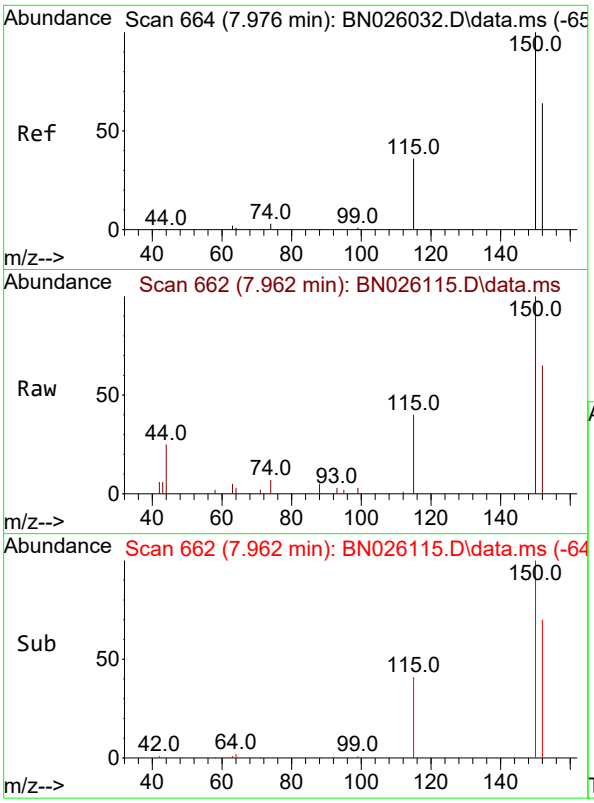
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063023\
Data File : BN026115.D
Acq On : 30 Jun 2023 05:25
Operator : MA/JU
Sample : PB153896BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Quant Time: Jun 30 07:08:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 07:06:59 2023
Response via : Initial Calibration



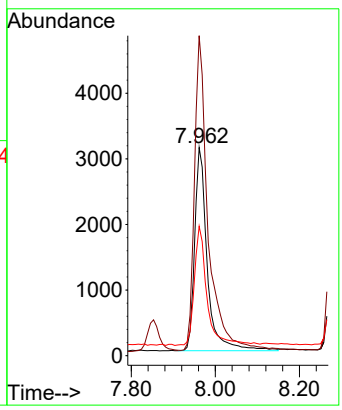


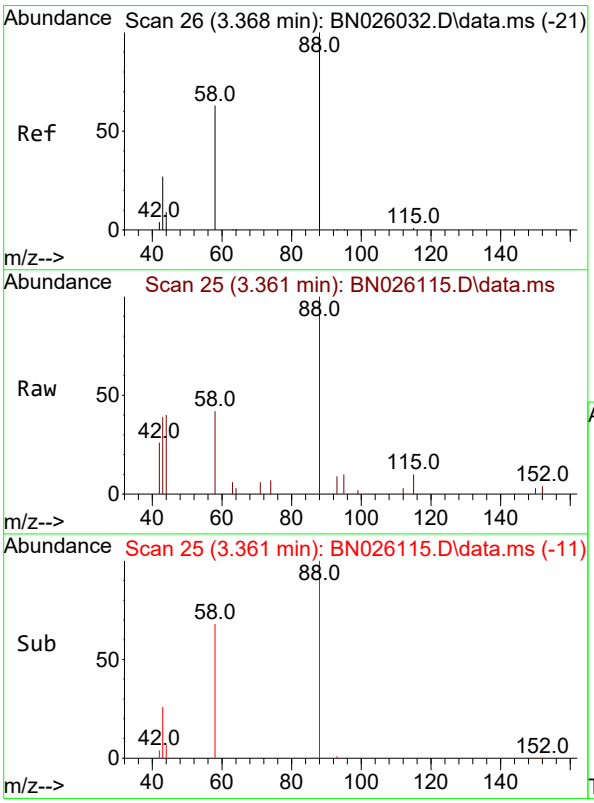
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.962 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:152 Resp: 6454

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.7	187.1
115	62.2	48.2	72.4

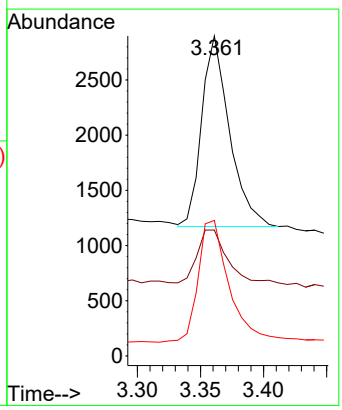


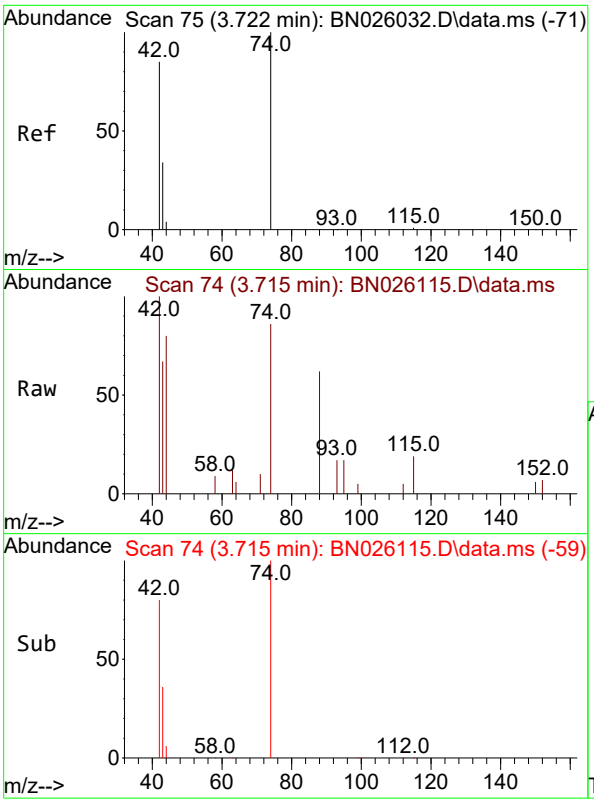


#2
1,4-Dioxane
Concen: 0.387 ng
RT: 3.361 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion: 88 Resp: 2641

Ion	Ratio	Lower	Upper
88	100		
43	31.9	24.2	36.4
58	71.9	53.3	79.9



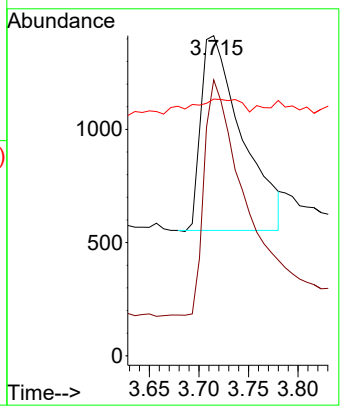


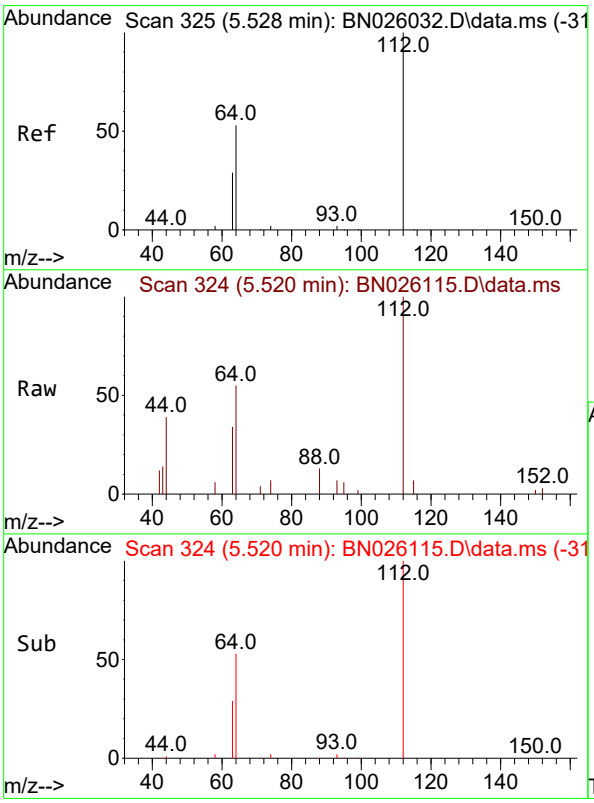
#3
n-Nitrosodimethylamine
Concen: 0.358 ng
RT: 3.715 min Scan# 7
Delta R.T. 0.007 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion: 42 Resp: 2473

Ion	Ratio	Lower	Upper
42	100		
74	118.6	93.8	140.8
44	12.1	3.0	4.4#

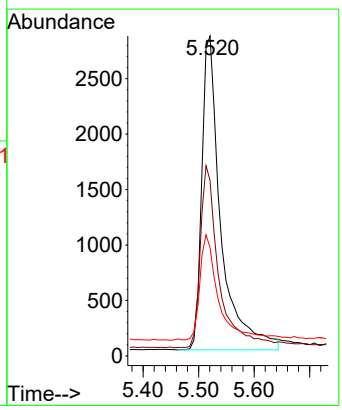


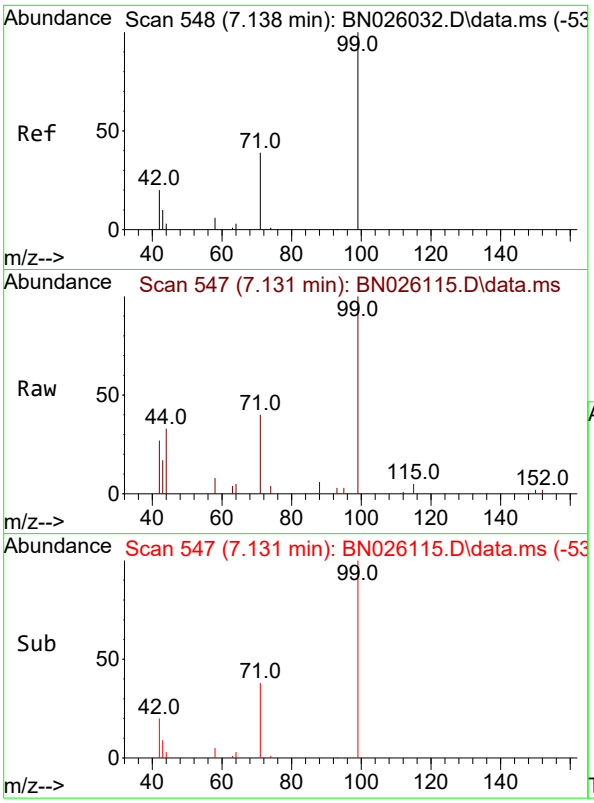


#4
2-Fluorophenol
Concen: 0.432 ng
RT: 5.520 min Scan# 324
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:112 Resp: 6767

Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.8	68.6
63	32.6	27.4	41.2



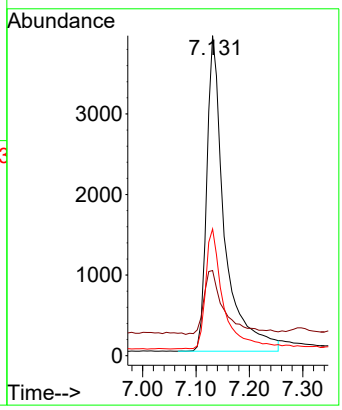


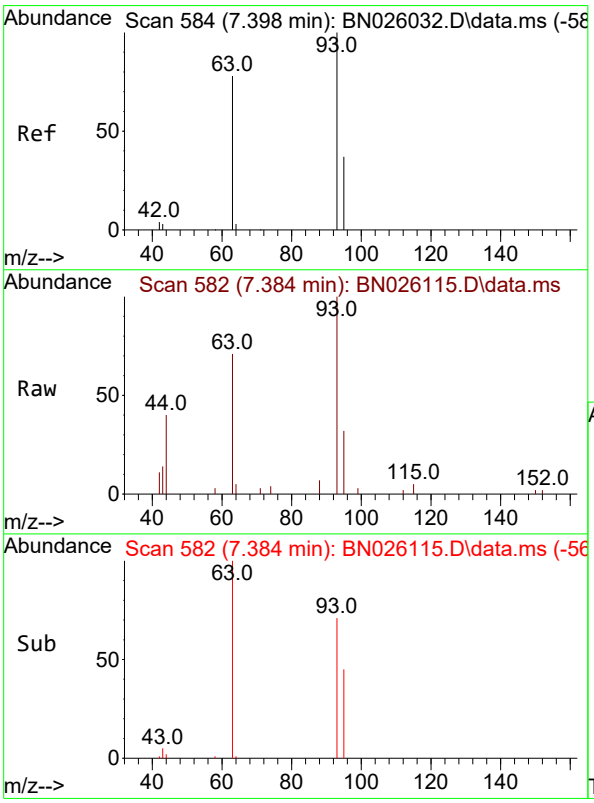
#5
Phenol-d6
Concen: 0.454 ng
RT: 7.131 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion: 99 Resp: 9052

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.4	27.6
71	38.0	30.6	46.0

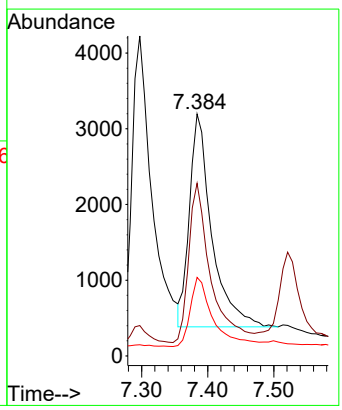


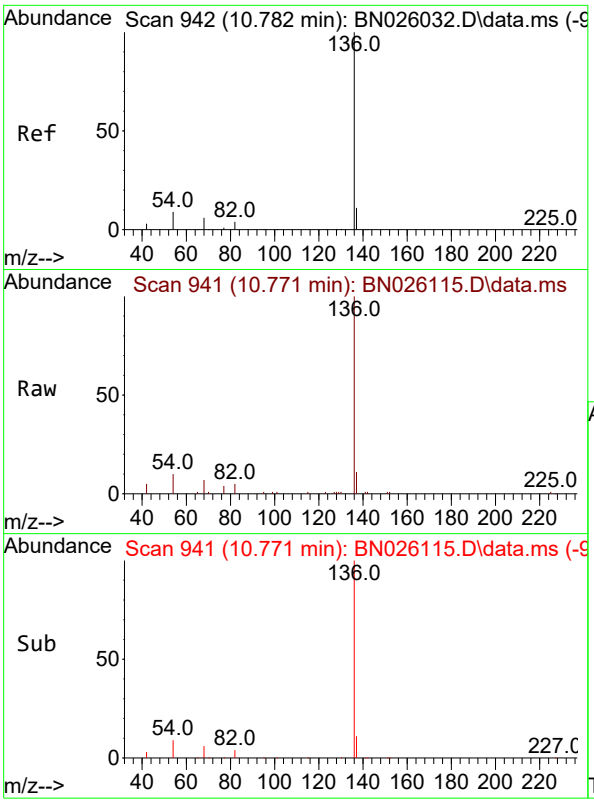


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.384 min Scan# 582
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion: 93 Resp: 6584

Ion	Ratio	Lower	Upper
93	100		
63	73.8	58.8	88.2
95	33.4	29.2	43.8



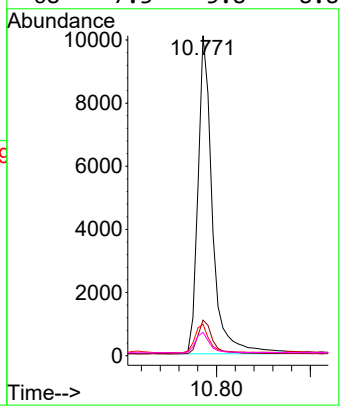


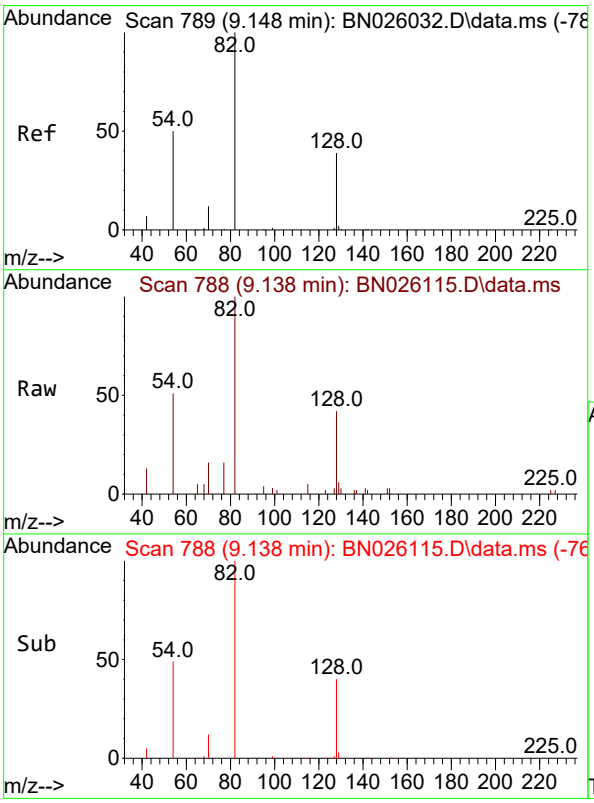
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.771 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:136 Resp: 21475

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.9	7.8	11.6
68	7.3	5.8	8.8

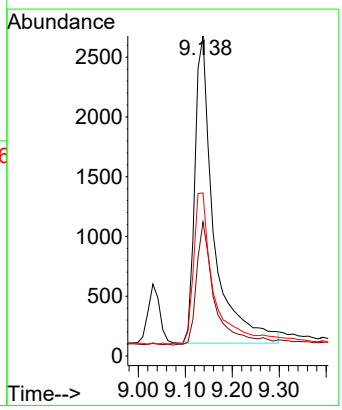


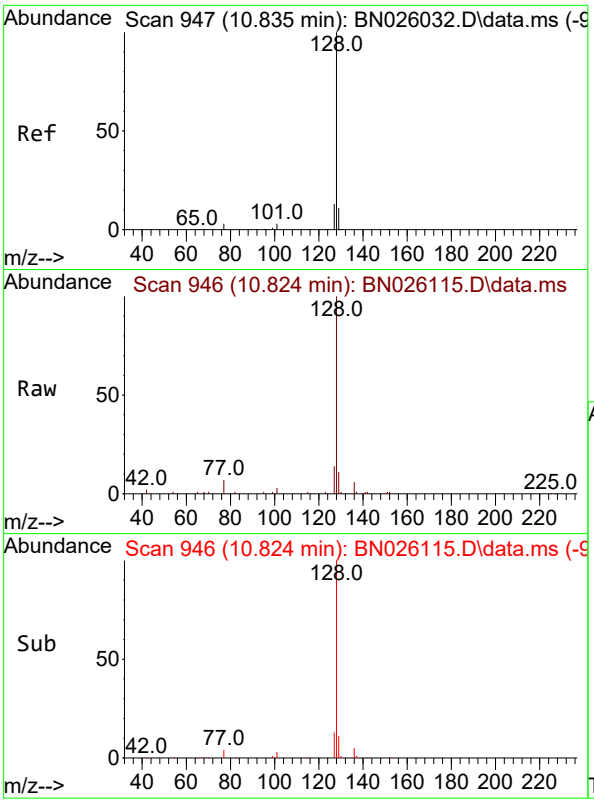


#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 9.138 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion: 82 Resp: 7236

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.4	50.2
54	51.0	41.7	62.5



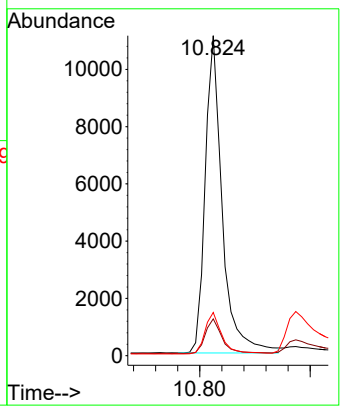


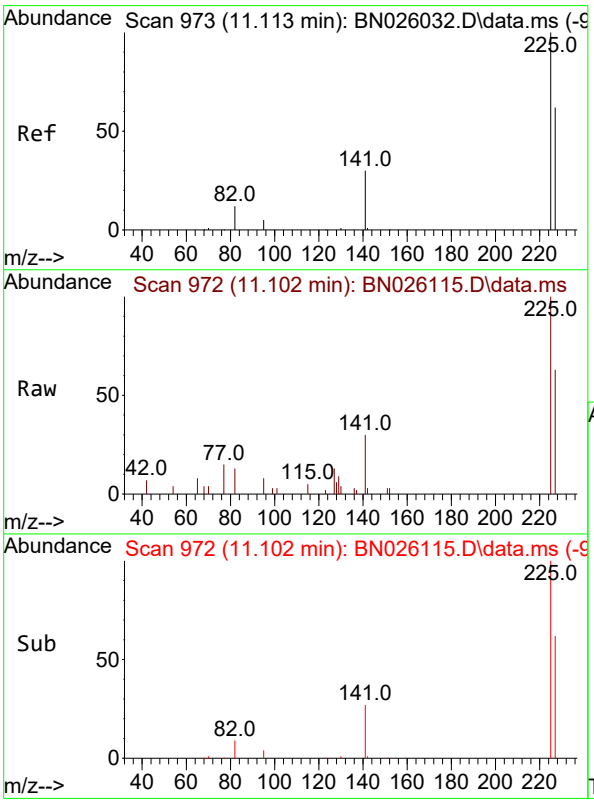
#9
Naphthalene
Concen: 0.409 ng
RT: 10.824 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:128 Resp: 23768

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.5	10.9	16.3

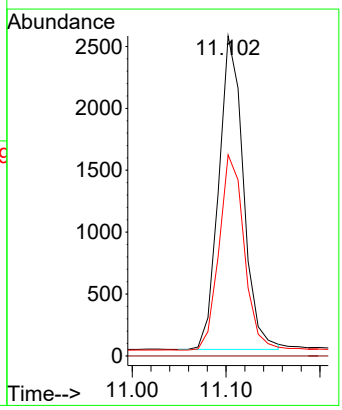


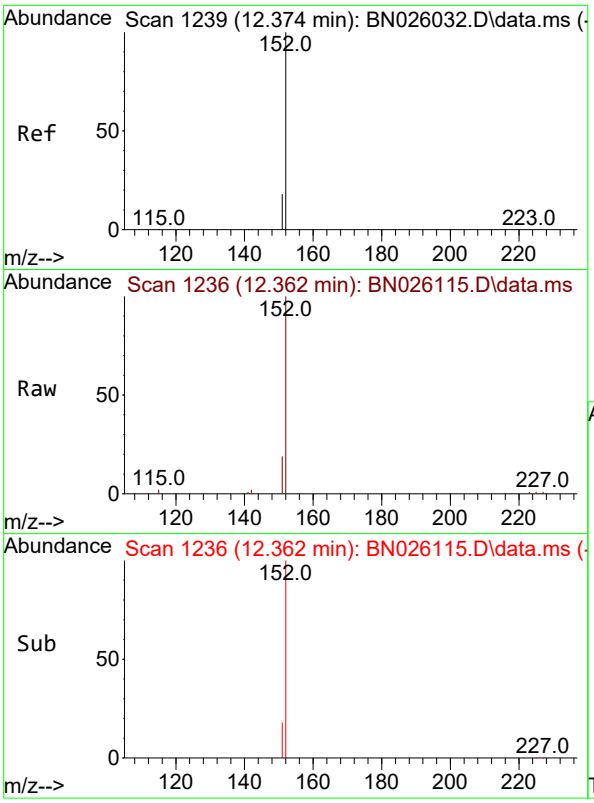


#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 11.102 min Scan# 972
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:225 Resp: 4599

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.3	75.5



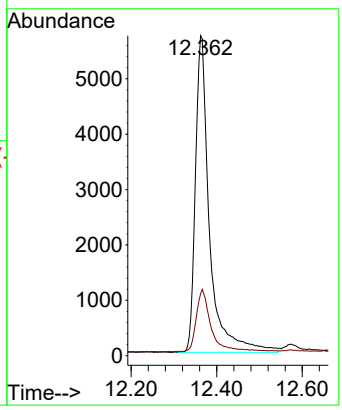


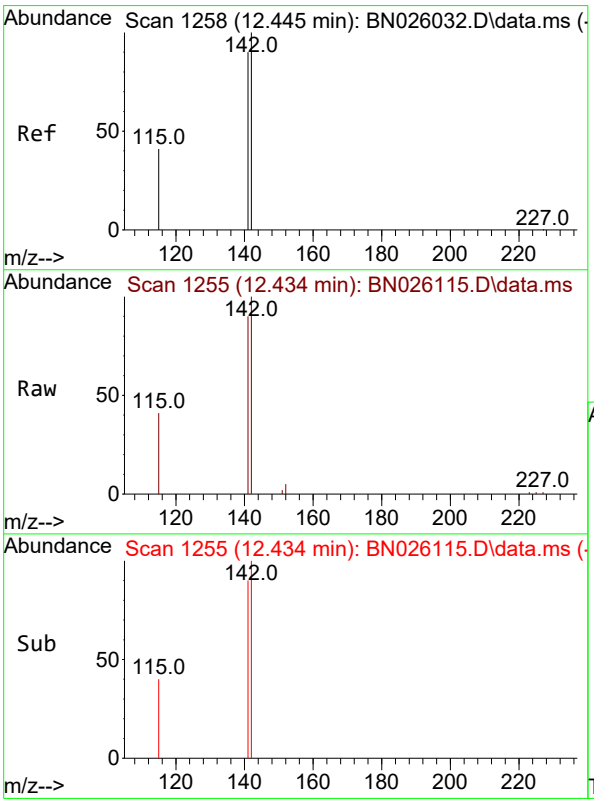
#11
2-Methylnaphthalene-d10
Concen: 0.417 ng
RT: 12.362 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:152 Resp: 13089

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2

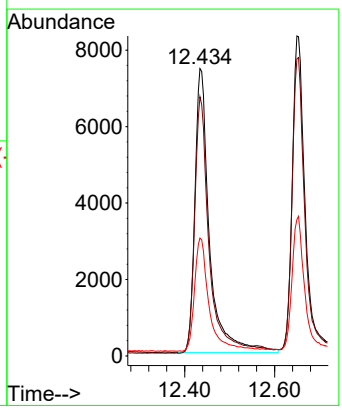


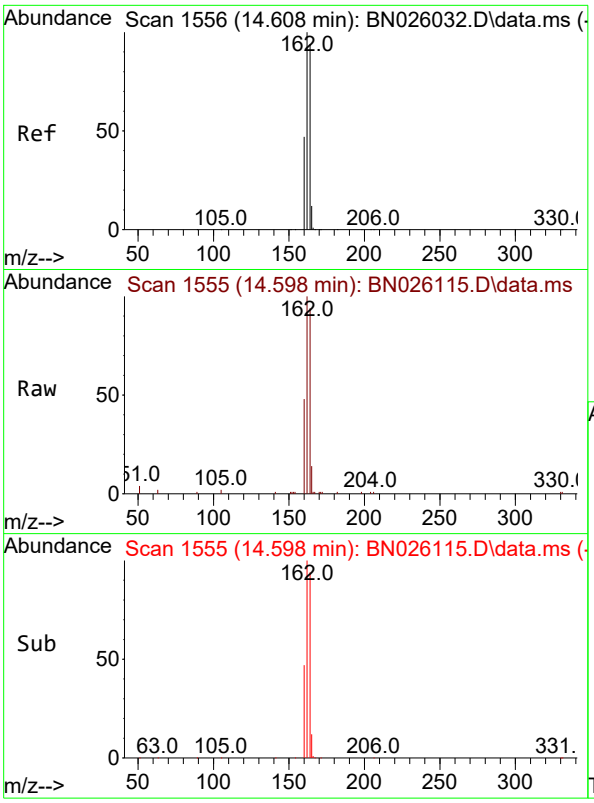


#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.434 min Scan# 1255
Delta R.T. -0.004 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:142 Resp: 16786

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.7	107.5
115	41.0	33.4	50.0



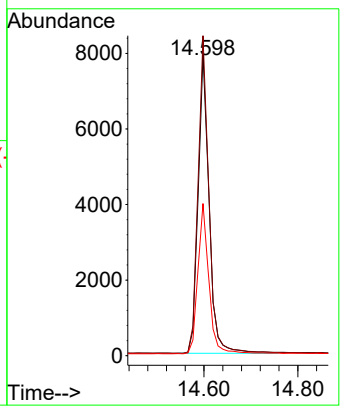


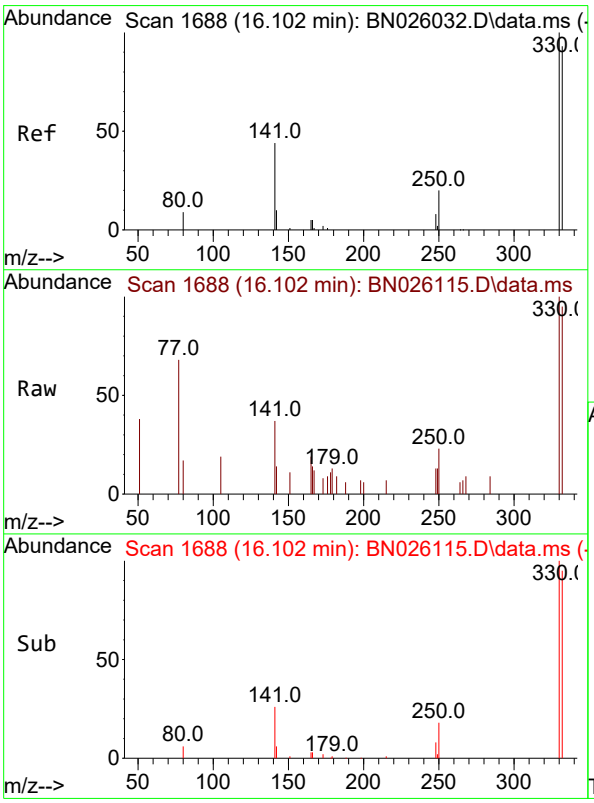
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:164 Resp: 12885

Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.3	127.9
160	50.5	40.0	60.0

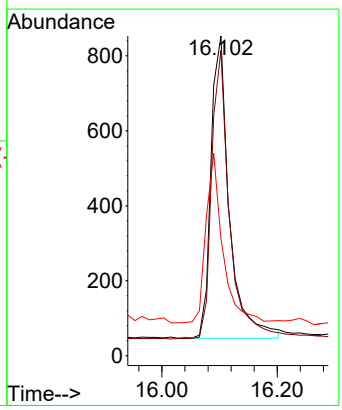


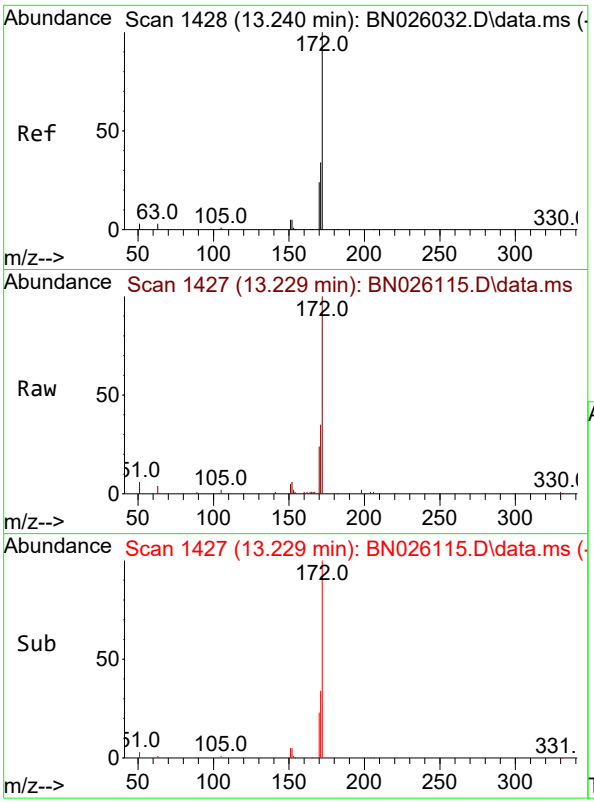


#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 16.102 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:330 Resp: 1779

Ion	Ratio	Lower	Upper
330	100		
332	92.2	76.0	114.0
141	51.4	42.8	64.2



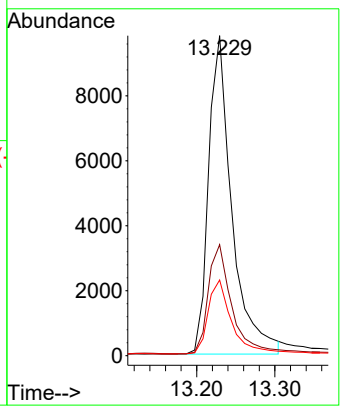


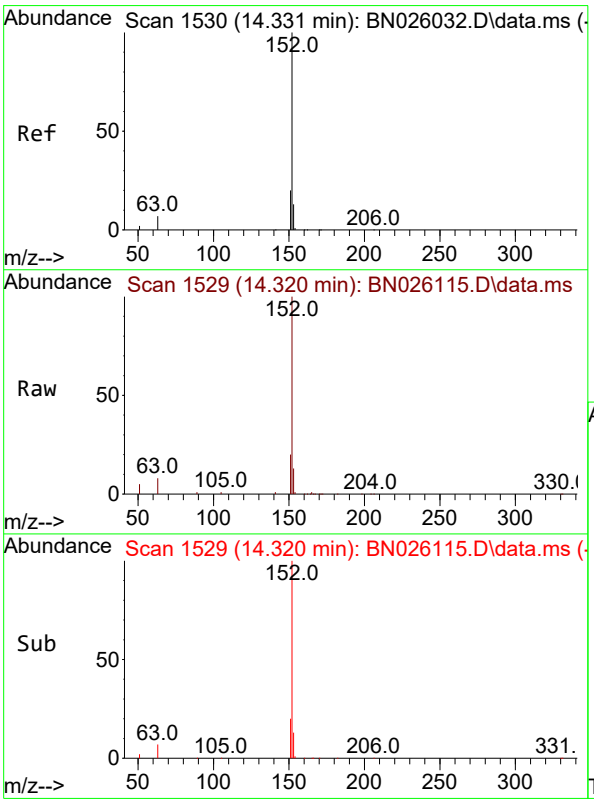
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.229 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:172 Resp: 20342

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	23.7	19.3	28.9

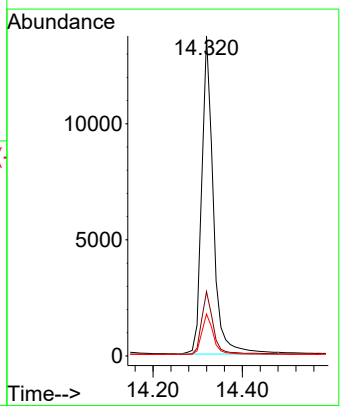


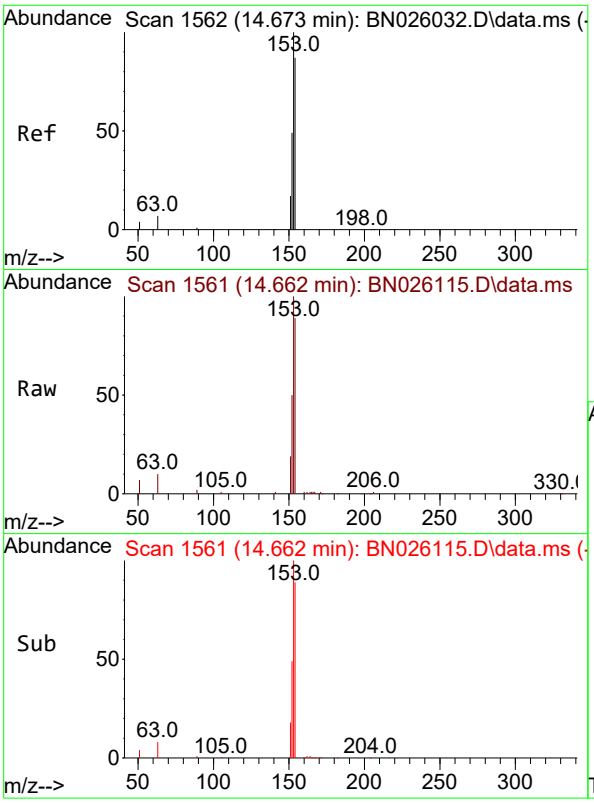


#16
Acenaphthylene
Concen: 0.410 ng
RT: 14.320 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:152 Resp: 24760

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.1	10.6	15.8



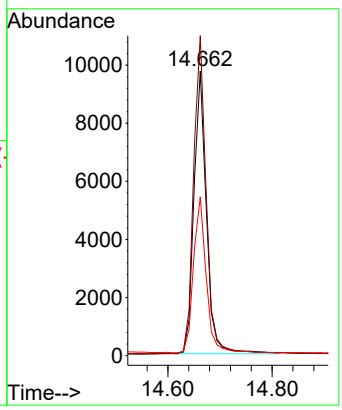


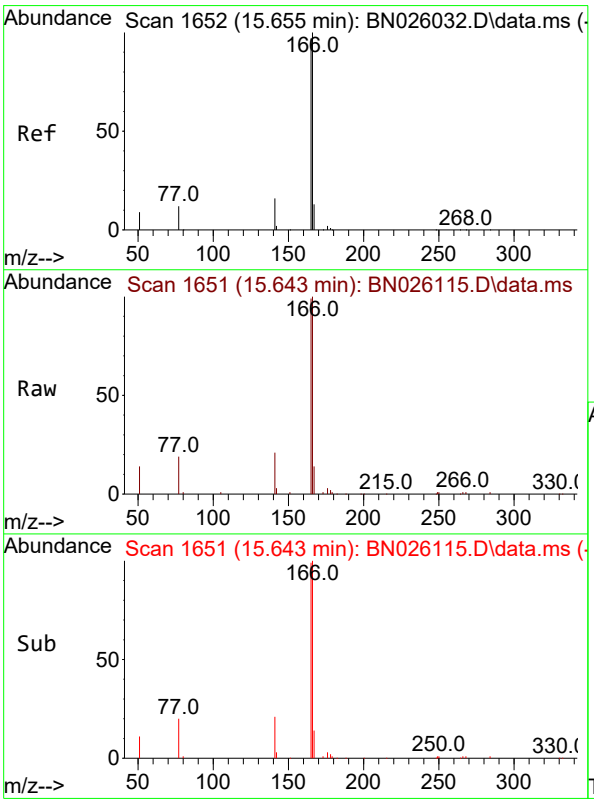
#17
Acenaphthene
Concen: 0.418 ng
RT: 14.662 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:154 Resp: 16302

Ion	Ratio	Lower	Upper
154	100		
153	113.6	94.4	141.6
152	55.7	46.1	69.1

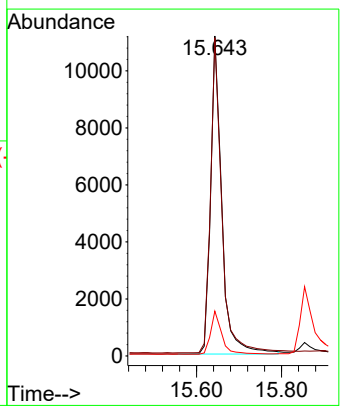


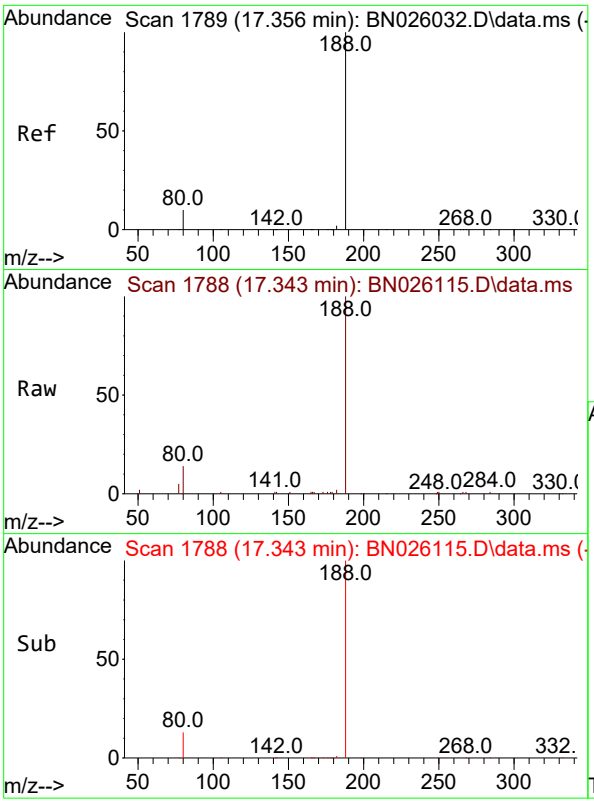


#18
Fluorene
Concen: 0.399 ng
RT: 15.643 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:166 Resp: 20315

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.7	119.5
167	13.8	10.6	16.0



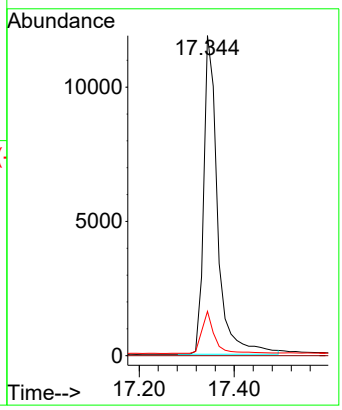


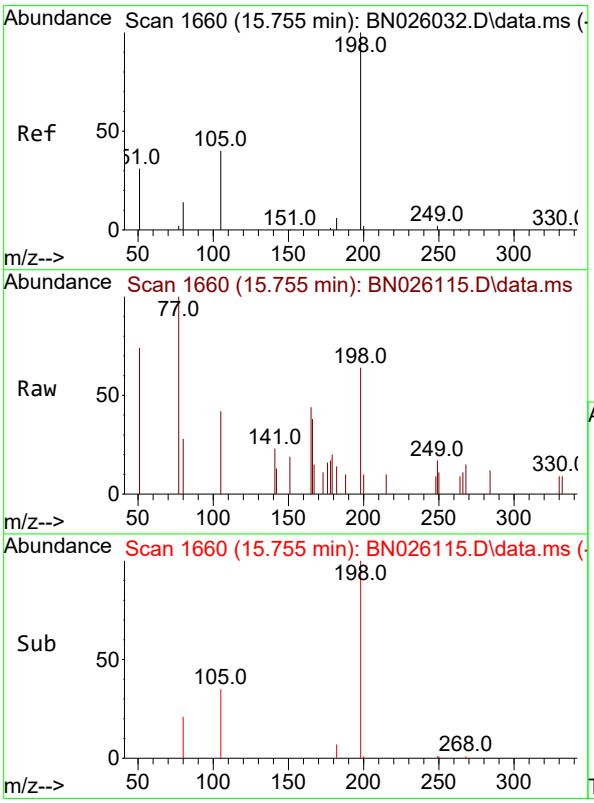
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:188 Resp: 24257

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	8.6	13.0#

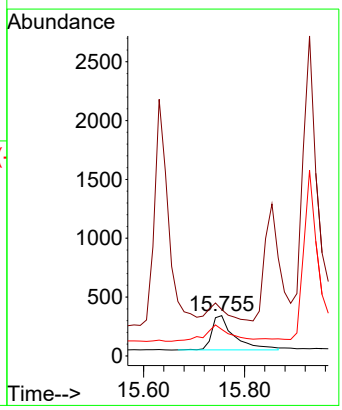


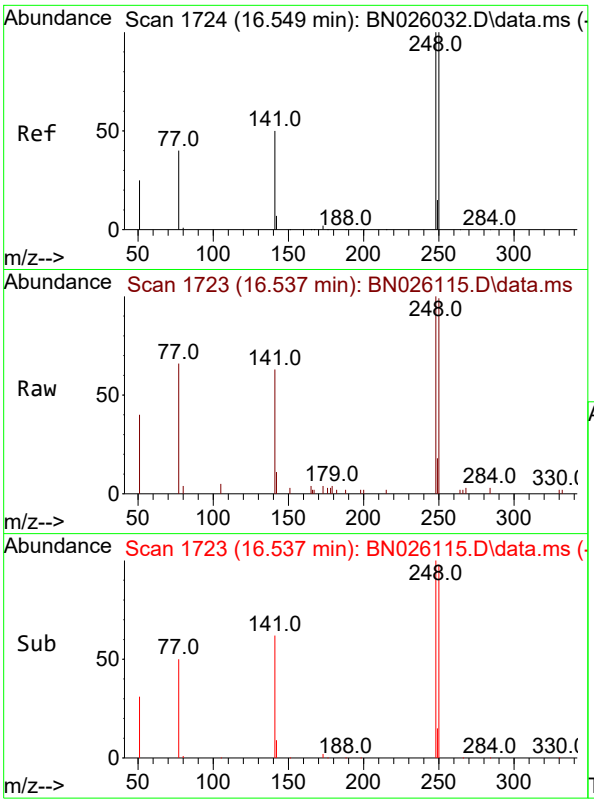


#20
4,6-Dinitro-2-methylphenol
Concen: 0.314 ng
RT: 15.755 min Scan# 1660
Delta R.T. 0.013 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:198 Resp: 900

Ion	Ratio	Lower	Upper
198	100		
51	115.2	85.8	128.8
105	66.1	48.2	72.2



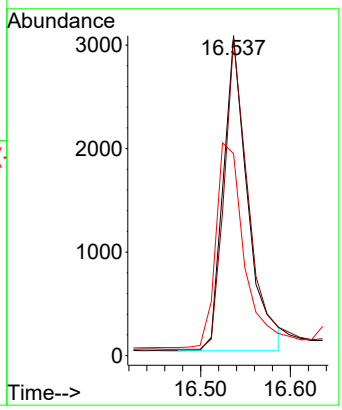


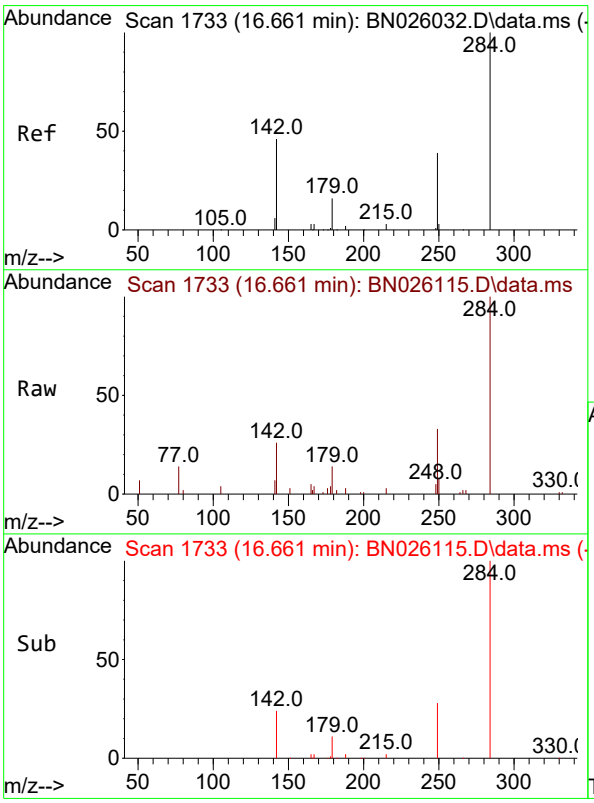
#21
4-Bromophenyl-phenylether
Concen: 0.415 ng
RT: 16.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:248 Resp: 5746

Ion	Ratio	Lower	Upper
248	100		
250	99.0	79.9	119.9
141	63.2	41.6	62.4#

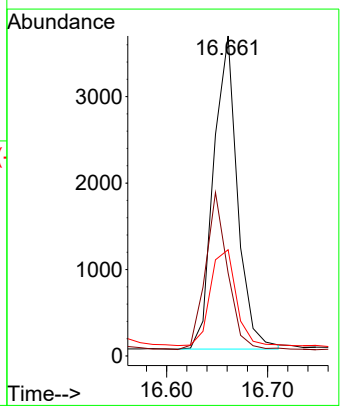


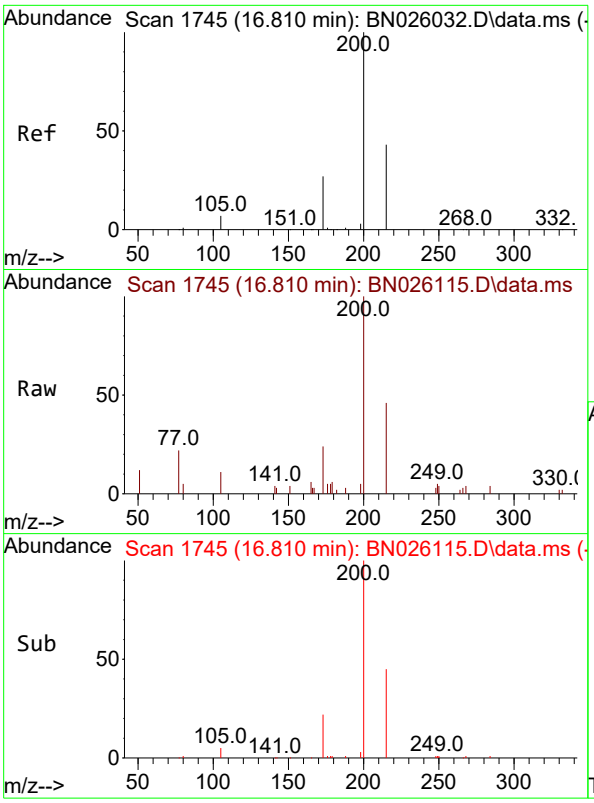


#22
Hexachlorobenzene
Concen: 0.428 ng
RT: 16.661 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:284 Resp: 5942

Ion	Ratio	Lower	Upper
284	100		
142	45.9	38.7	58.1
249	32.9	28.5	42.7



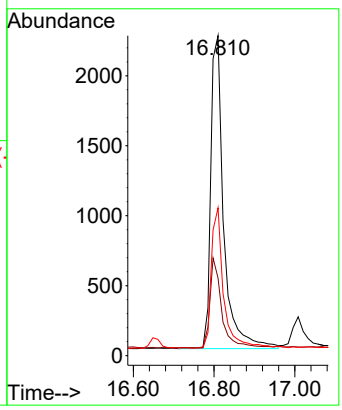


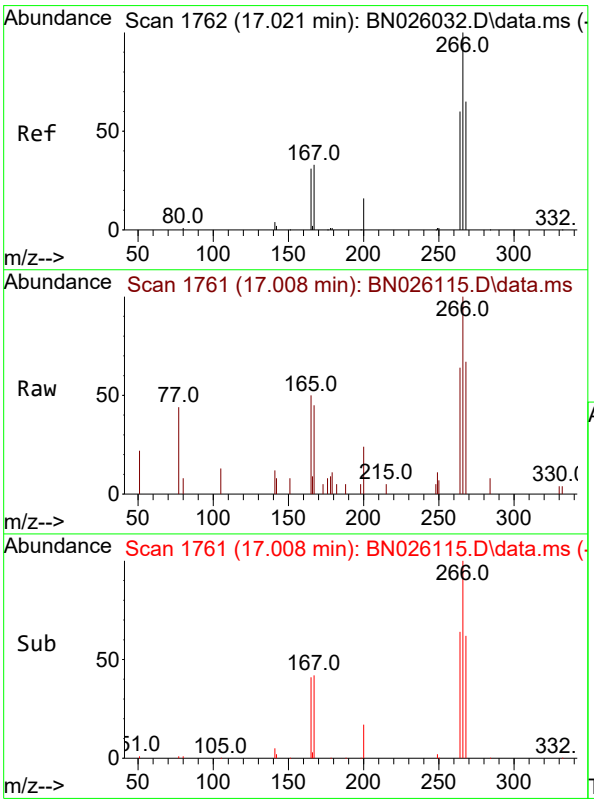
#23
Atrazine
Concen: 0.418 ng
RT: 16.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:200 Resp: 4973

Ion	Ratio	Lower	Upper
200	100		
173	24.2	22.9	34.3
215	46.2	35.5	53.3

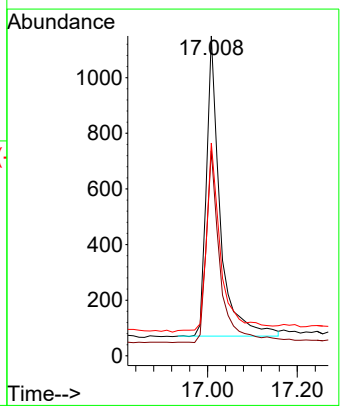


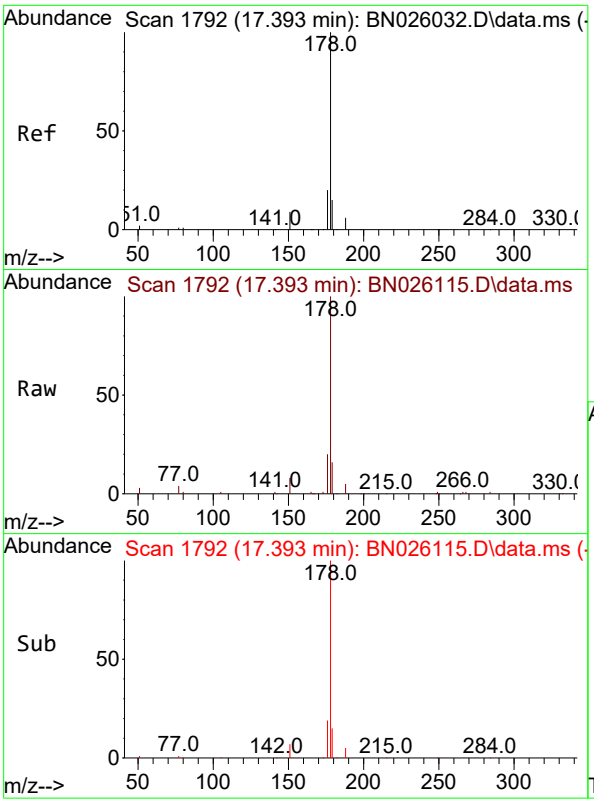


#24
Pentachlorophenol
Concen: 0.348 ng
RT: 17.008 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:266 Resp: 2272

Ion	Ratio	Lower	Upper
266	100		
264	63.8	49.3	73.9
268	64.0	48.3	72.5



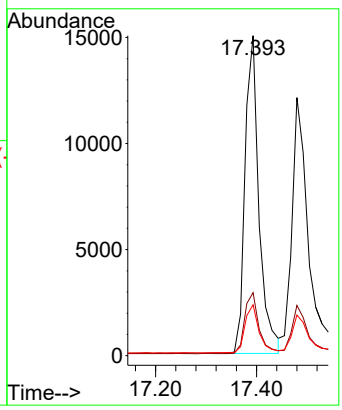


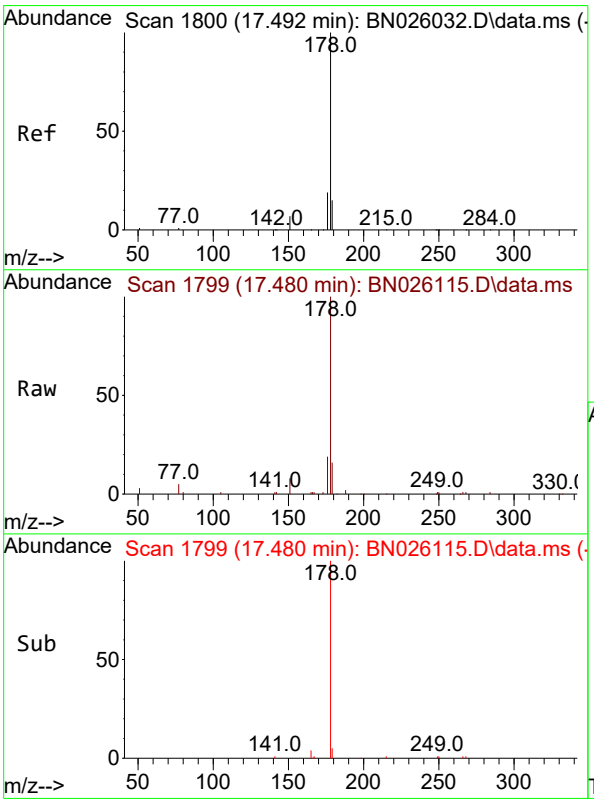
#25
Phenanthrene
Concen: 0.405 ng
RT: 17.393 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:178 Resp: 28811

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.3	12.3	18.5

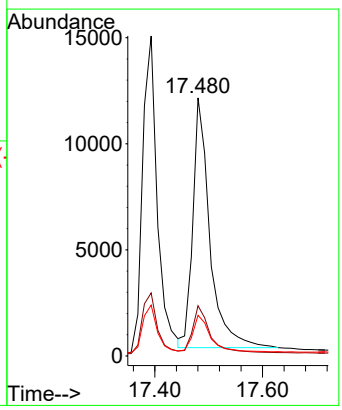


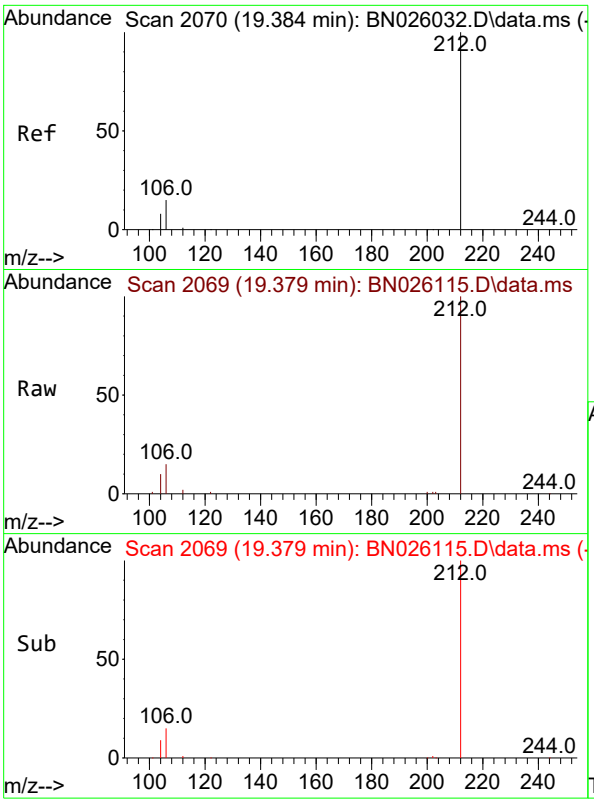


#26
Anthracene
Concen: 0.403 ng
RT: 17.480 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:178 Resp: 25815

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	14.9	12.4	18.6



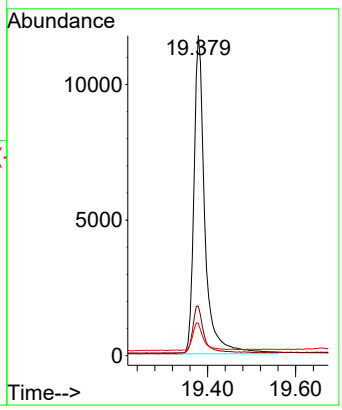


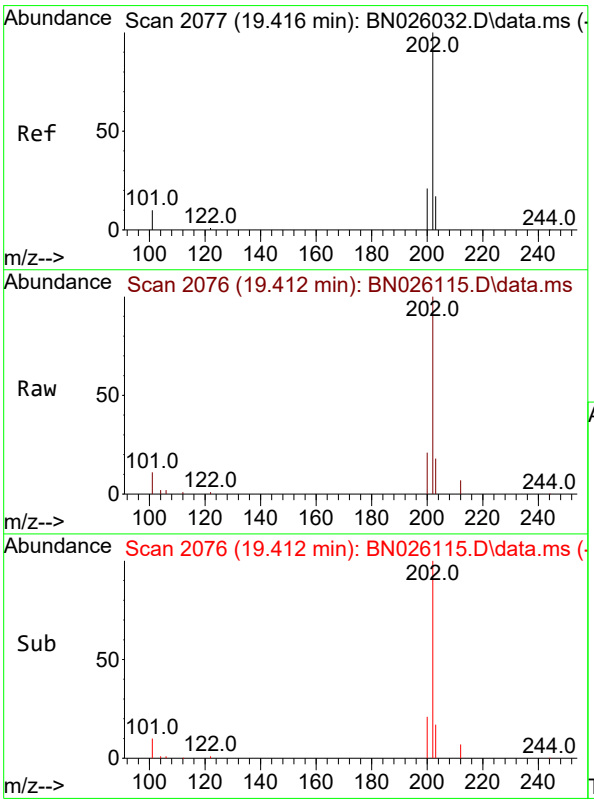
#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.379 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:212 Resp: 20217

Ion	Ratio	Lower	Upper
212	100		
106	15.0	11.6	17.4
104	8.6	7.2	10.8

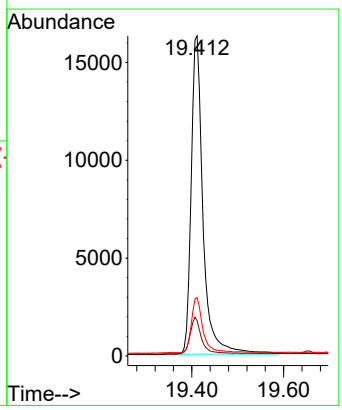


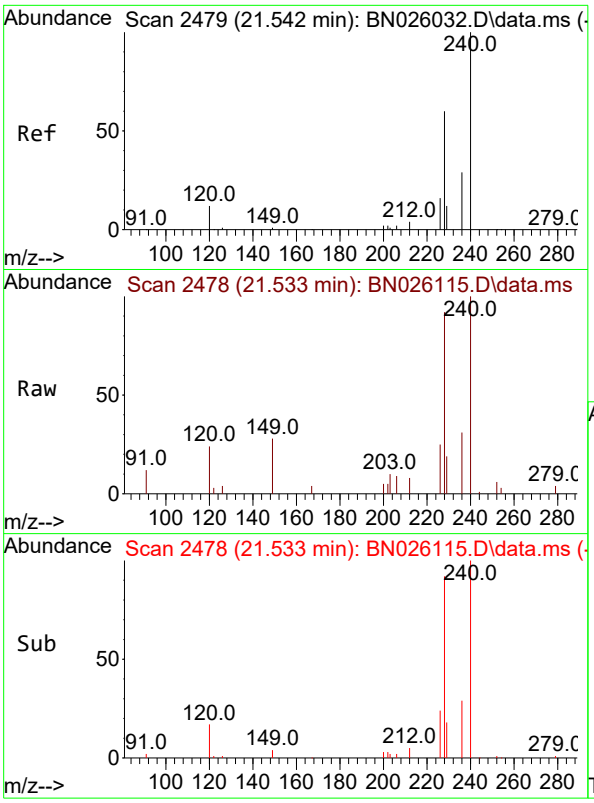


#28
Fluoranthene
Concen: 0.392 ng
RT: 19.412 min Scan# 2076
Delta R.T. 0.005 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:202 Resp: 29254

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.3	12.5
203	16.7	13.5	20.3



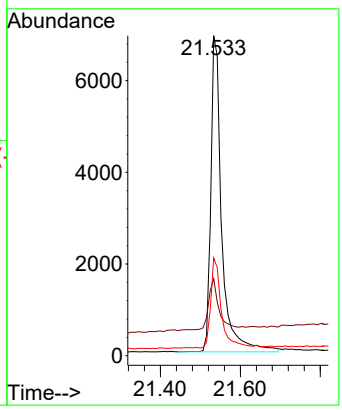


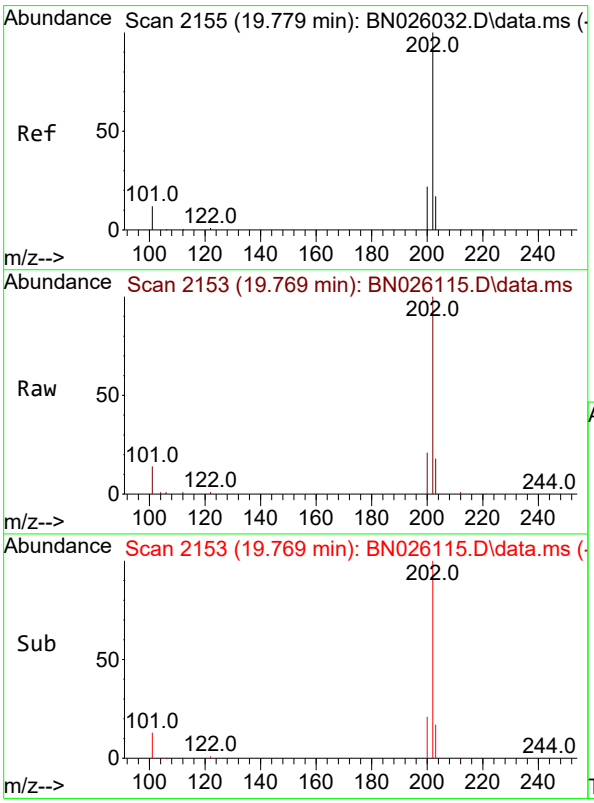
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.533 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:240 Resp: 13029

Ion	Ratio	Lower	Upper
240	100		
120	24.1	14.6	22.0#
236	30.6	24.2	36.2

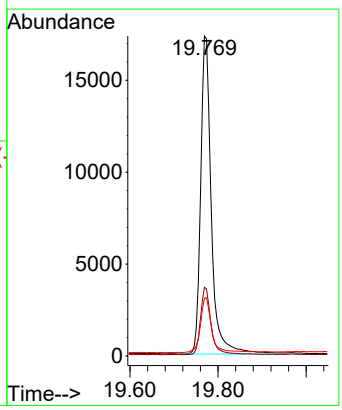


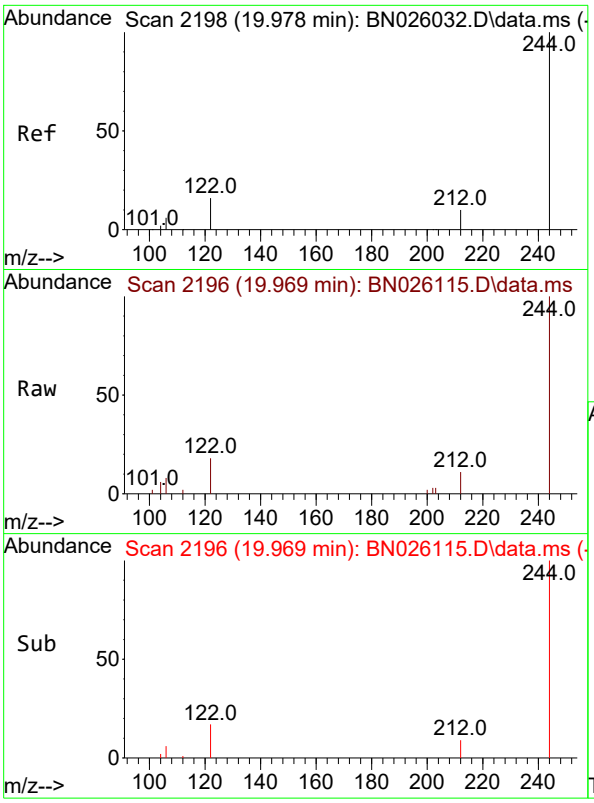


#30
Pyrene
Concen: 0.403 ng
RT: 19.769 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:202 Resp: 29108

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	18.1	14.2	21.4



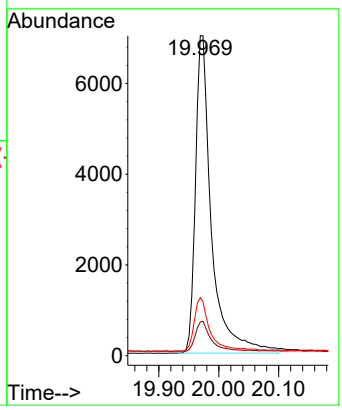


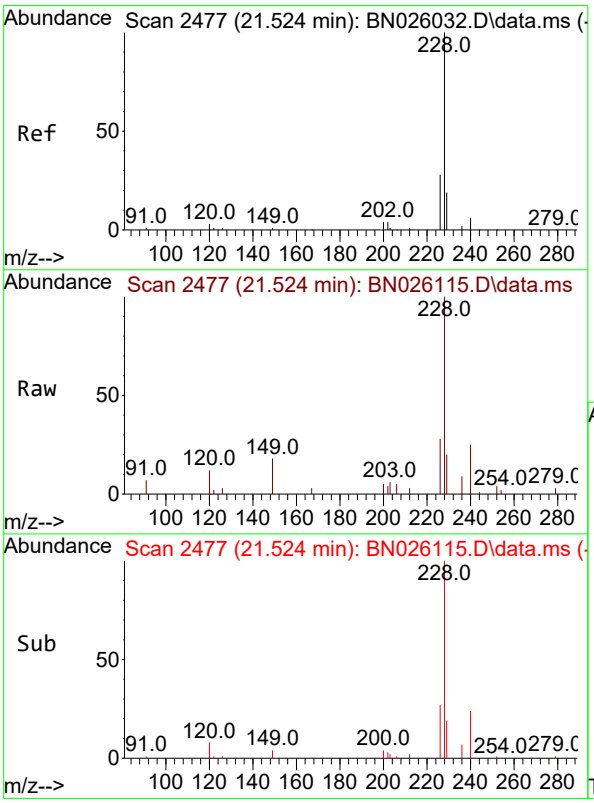
#31
Terphenyl-d14
Concen: 0.391 ng
RT: 19.969 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:244 Resp: 13031

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.7	13.1
122	18.2	13.7	20.5

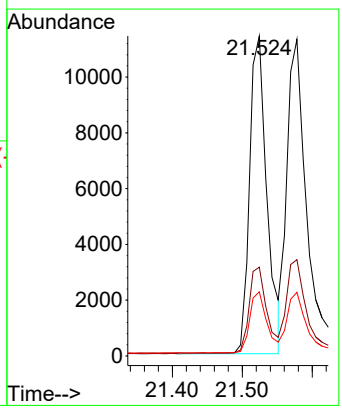


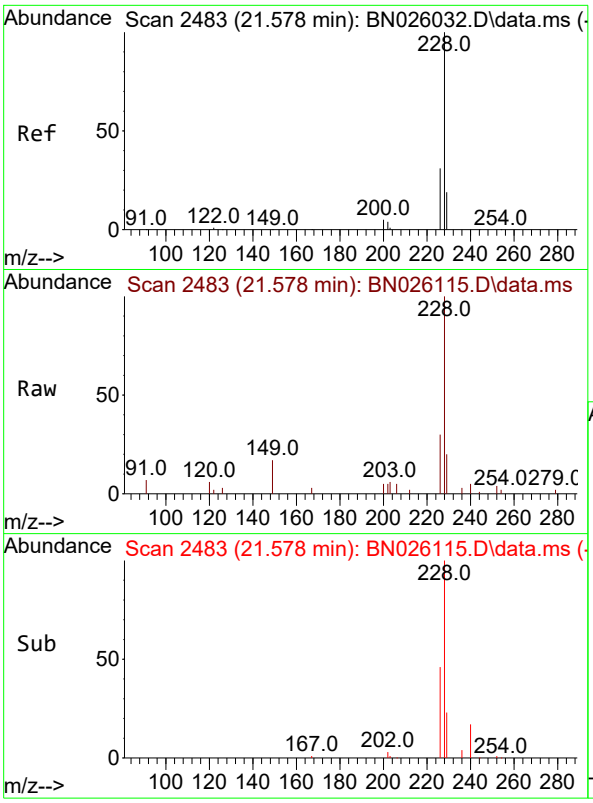


#32
Benzo(a)anthracene
Concen: 0.417 ng
RT: 21.524 min Scan# 2477
Delta R.T. 0.009 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:228 Resp: 19545

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.6
229	20.0	15.9	23.9



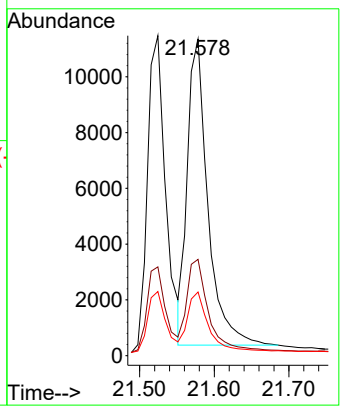


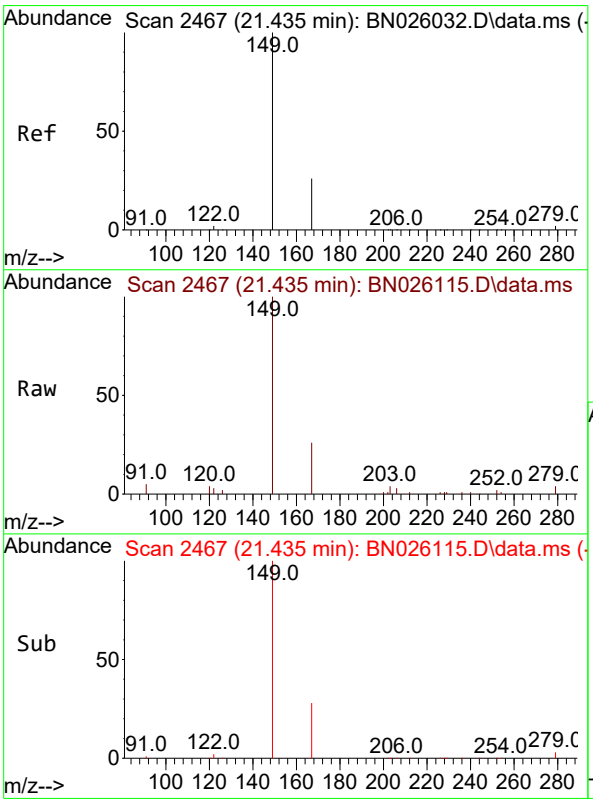
#33
Chrysene
Concen: 0.402 ng
RT: 21.578 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:228 Resp: 20998

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.8	37.2
229	20.1	15.6	23.4

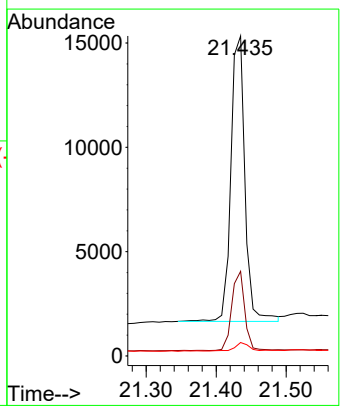


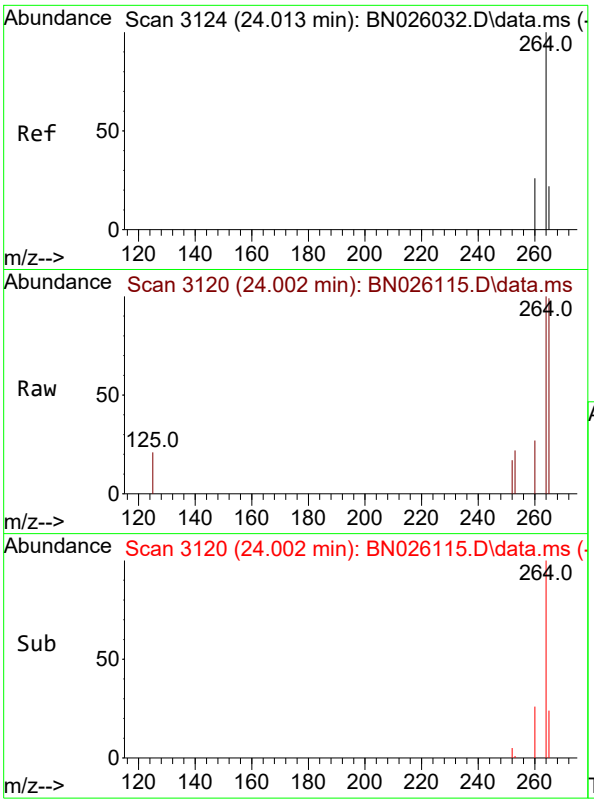


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.457 ng
RT: 21.435 min Scan# 2467
Delta R.T. 0.009 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:149 Resp: 19097

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.2	30.4
279	3.2	2.4	3.6



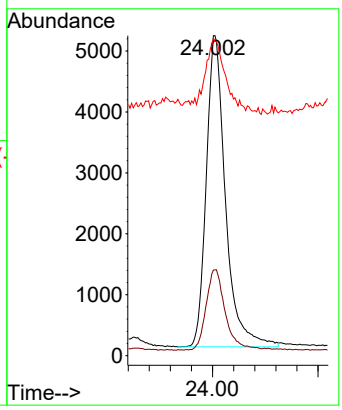


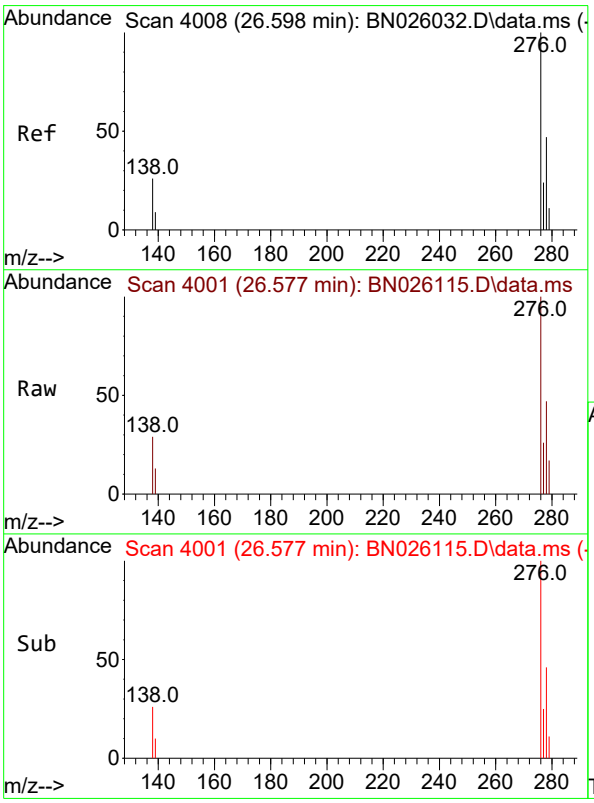
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.002 min Scan# 3
Delta R.T. 0.015 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:264 Resp: 12939

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.9	32.9
265	99.4	80.3	120.5

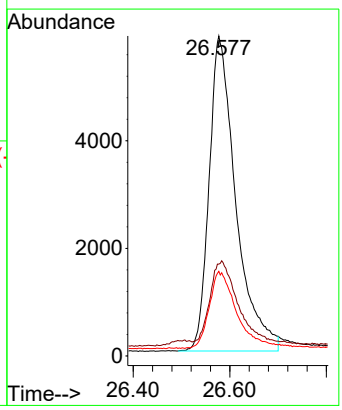


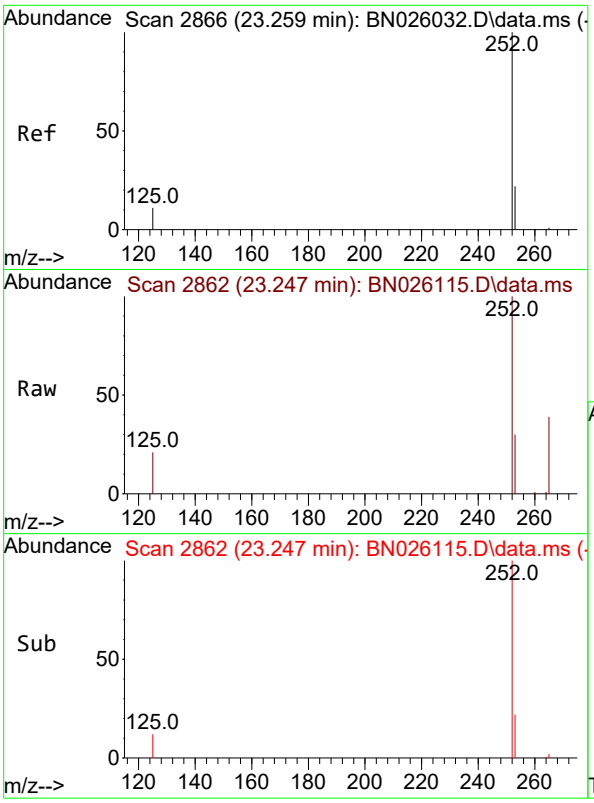


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng
RT: 26.577 min Scan# 4001
Delta R.T. 0.032 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:276 Resp: 22498

Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.4	32.2
277	25.1	19.6	29.4



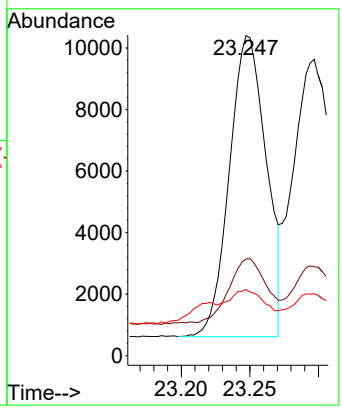


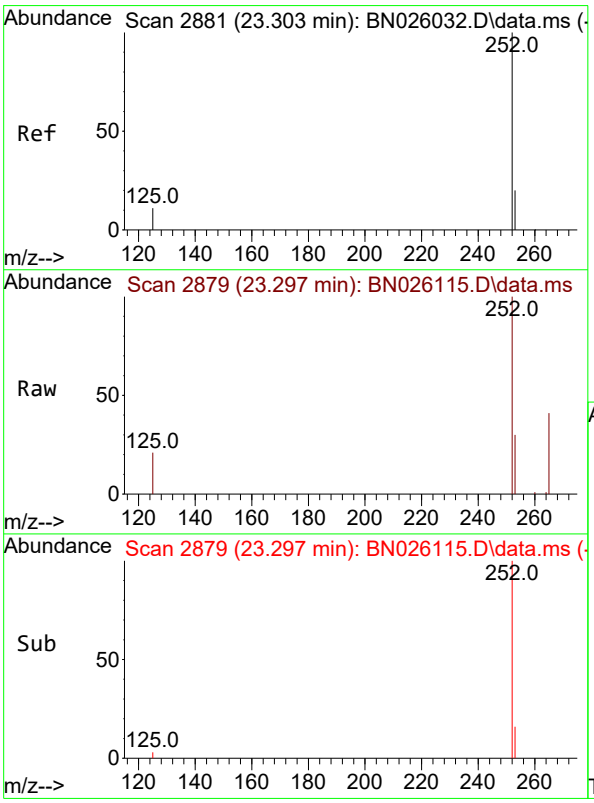
#37
Benzo(b)fluoranthene
Concen: 0.389 ng
RT: 23.247 min Scan# 2
Delta R.T. 0.012 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:252 Resp: 18278

Ion	Ratio	Lower	Upper
252	100		
253	30.3	24.1	36.1
125	20.7	15.4	23.0

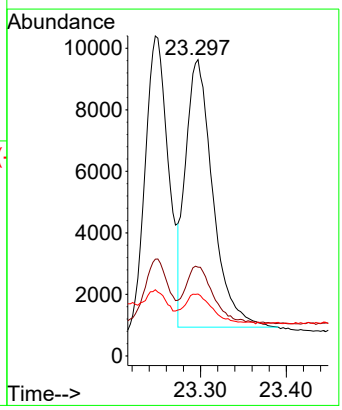


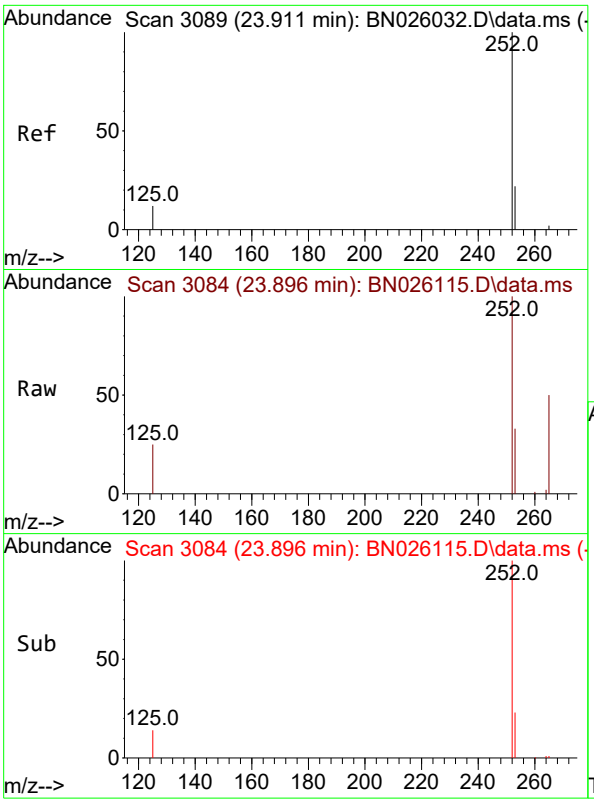


#38
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.297 min Scan# 2879
Delta R.T. 0.009 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:252 Resp: 19202

Ion	Ratio	Lower	Upper
252	100		
253	30.0	23.6	35.4
125	20.9	15.8	23.8



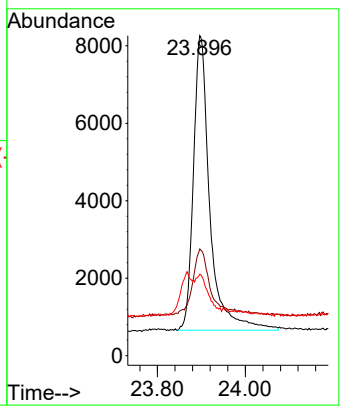


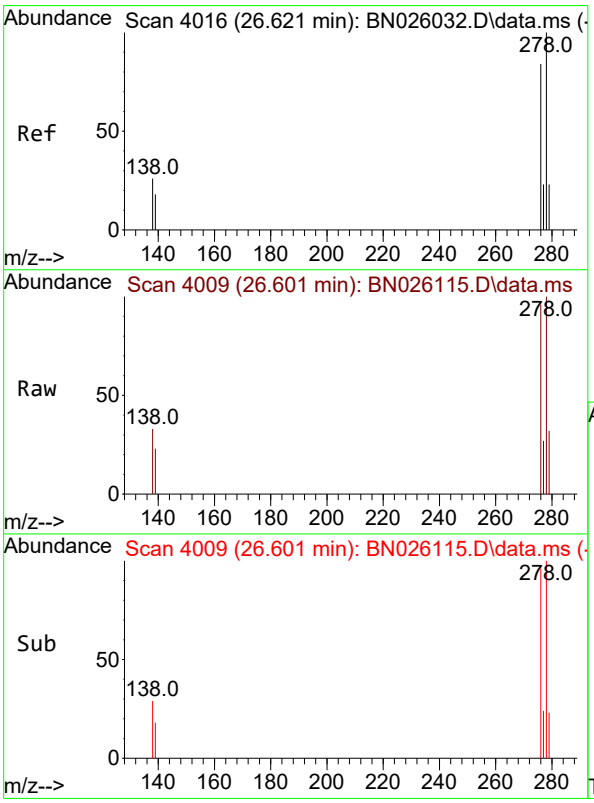
#39
Benzo(a)pyrene
Concen: 0.429 ng
RT: 23.896 min Scan# 3
Delta R.T. 0.021 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:252 Resp: 19749

Ion	Ratio	Lower	Upper
252	100		
253	33.3	26.2	39.4
125	25.5	18.7	28.1

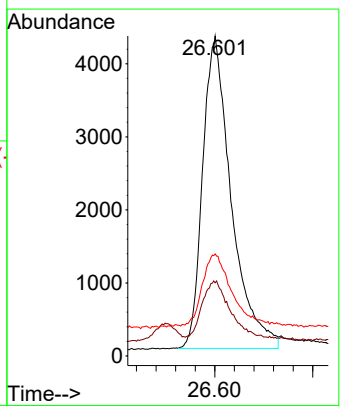


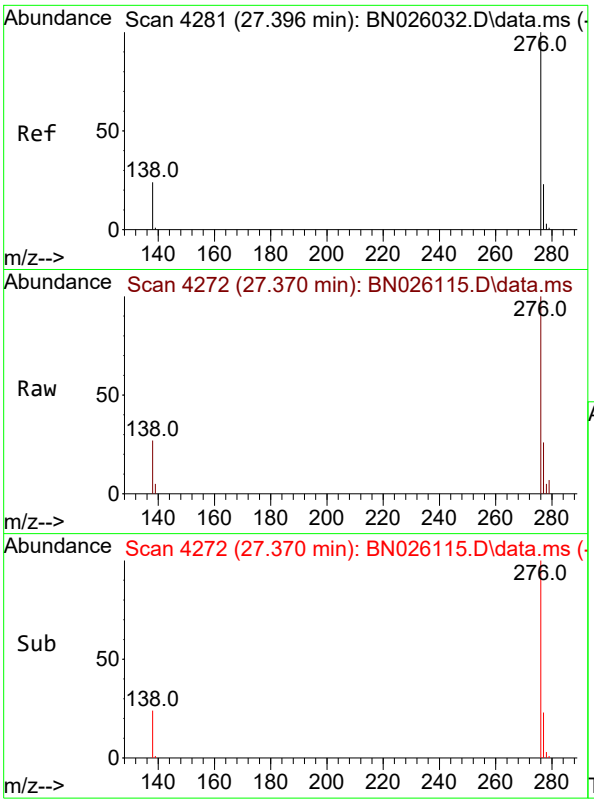


#40
Dibenzo(a,h)anthracene
Concen: 0.417 ng
RT: 26.601 min Scan# 4009
Delta R.T. 0.041 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Tgt Ion:278 Resp: 17355

Ion	Ratio	Lower	Upper
278	100		
139	22.9	18.1	27.1
279	31.9	25.4	38.0





#41
Benzo(g,h,i)perylene
Concen: 0.429 ng
RT: 27.370 min Scan# 4
Delta R.T. 0.038 min
Lab File: BN026115.D
Acq: 30 Jun 2023 05:25

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Tgt Ion:276 Resp: 20795

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.3	30.5
138	27.1	21.5	32.3