Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026882.D
Acq On : 10 Aug 2023 14:16
Operator : MA/JU
Sample : PB154655BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 02:12:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 01:57:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	4945	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	13646	0.400	ng		0.00
13) Acenaphthene-d10	14.737	164	9085	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	21524	0.400	ng		0.00
29) Chrysene-d12	21.659	240	21025	0.400	ng	#	0.00
35) Perylene-d12	24.209	264	25421	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	5010	0.359	ng		0.00
5) Phenol-d6	7.236	99	6110	0.355	ng		0.00
8) Nitrobenzene-d5	9.294	82	4052	0.351	ng		0.00
11) 2-Methylnaphthalene-d10	12.510	152	8176	0.377	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	1580	0.327	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	13022	0.386	ng		0.00
27) Fluoranthene-d10	19.500	212	21491	0.389	ng		0.00
31) Terphenyl-d14	20.090	244	15631	0.356	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	2010	0.378	ng		98
3) n-Nitrosodimethylamine	3.819	42	2225	0.376	ng		99
6) bis(2-Chloroethyl)ether	7.539	93	5581	0.386	ng		99
9) Naphthalene	10.992	128	14048	0.391	ng		99
10) Hexachlorobutadiene	11.226	225	2804	0.382	ng	#	100
12) 2-Methylnaphthalene	12.585	142	10473	0.373	ng		99
16) Acenaphthylene	14.470	152	16225	0.374	ng		99
17) Acenaphthene	14.801	154	10455	0.390	ng		99
18) Fluorene	15.780	166	14087	0.392	ng		99
20) 4,6-Dinitro-2-methylph...	16.934	198	148	0.438	ng	#	55
21) 4-Bromophenyl-phenylether	16.673	248	4663	0.379	ng		98
22) Hexachlorobenzene	16.748	284	5160	0.393	ng		99
23) Atrazine	16.934	200	3911	0.358	ng		99
24) Pentachlorophenol	17.108	266	2093	0.316	ng		98
25) Phenanthrene	17.517	178	24002	0.388	ng		100
26) Anthracene	17.617	178	21176	0.367	ng		100
28) Fluoranthene	19.532	202	28672	0.391	ng		100
30) Pyrene	19.895	202	29966	0.370	ng		100
32) Benzo(a)anthracene	21.641	228	28916	0.381	ng		99
33) Chrysene	21.695	228	30190	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.533	149	18558	0.340	ng		100
36) Indeno(1,2,3-cd)pyrene	26.908	276	42295	0.406	ng		100
37) Benzo(b)fluoranthene	23.417	252	32388	0.381	ng		98
38) Benzo(k)fluoranthene	23.469	252	33038	0.378	ng		97
39) Benzo(a)pyrene	24.092	252	32796	0.385	ng		98
40) Dibenzo(a,h)anthracene	26.940	278	33739	0.407	ng		98
41) Benzo(g,h,i)perylene	27.747	276	36490	0.409	ng		99

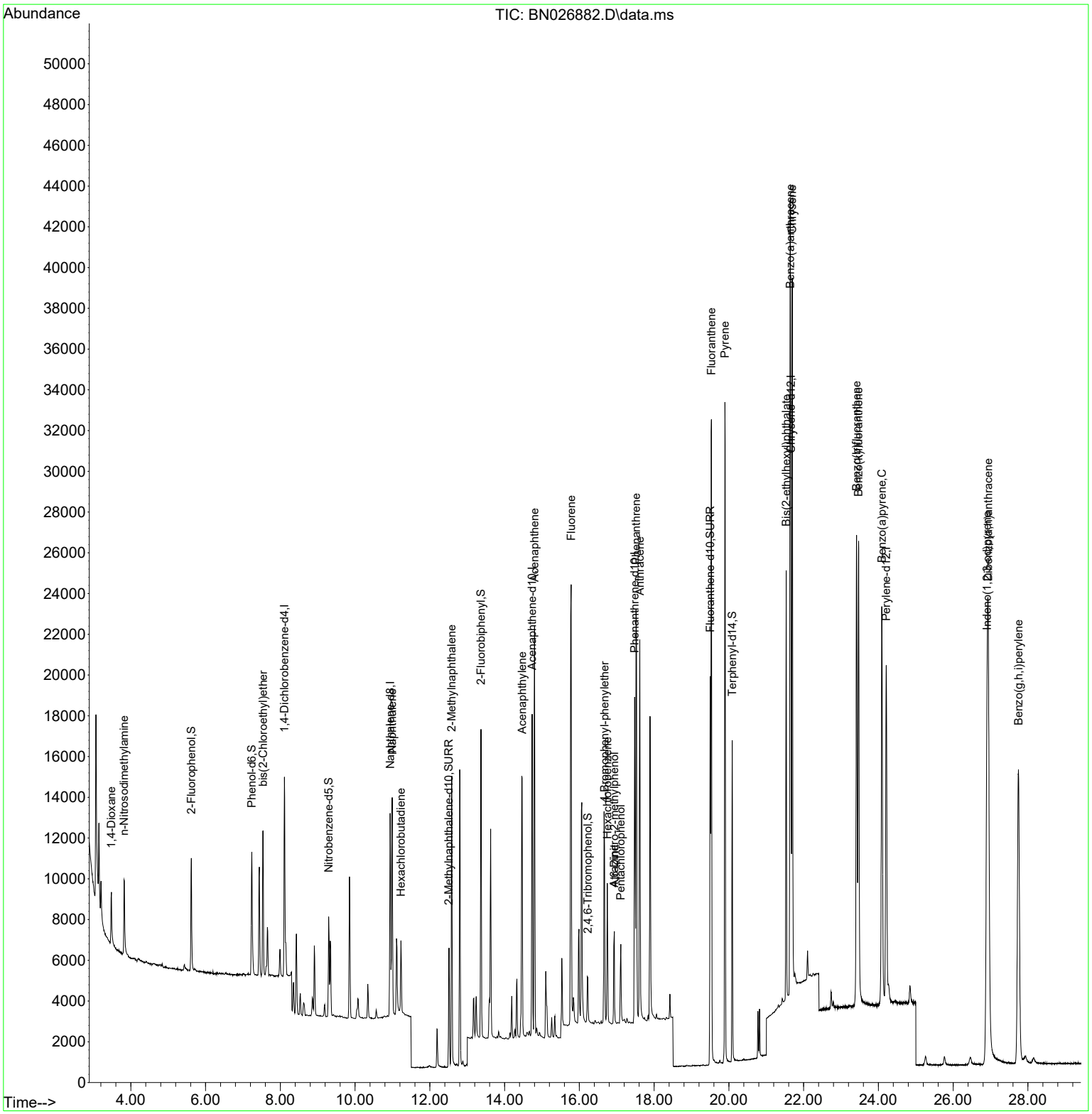
(#) = qualifier out of range (m) = manual integration (+) = signals summed

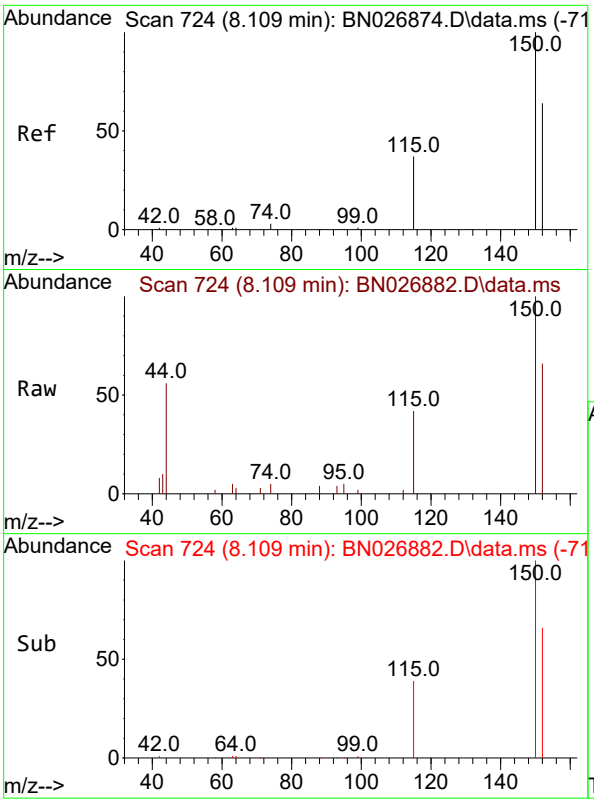
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026882.D
Acq On : 10 Aug 2023 14:16
Operator : MA/JU
Sample : PB154655BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 02:12:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 01:57:19 2023
Response via : Initial Calibration



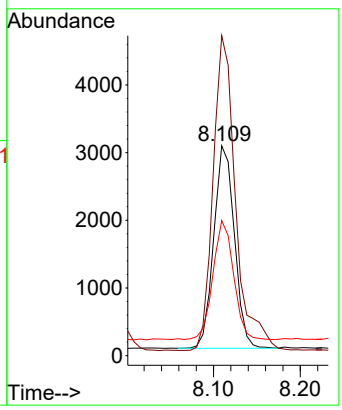


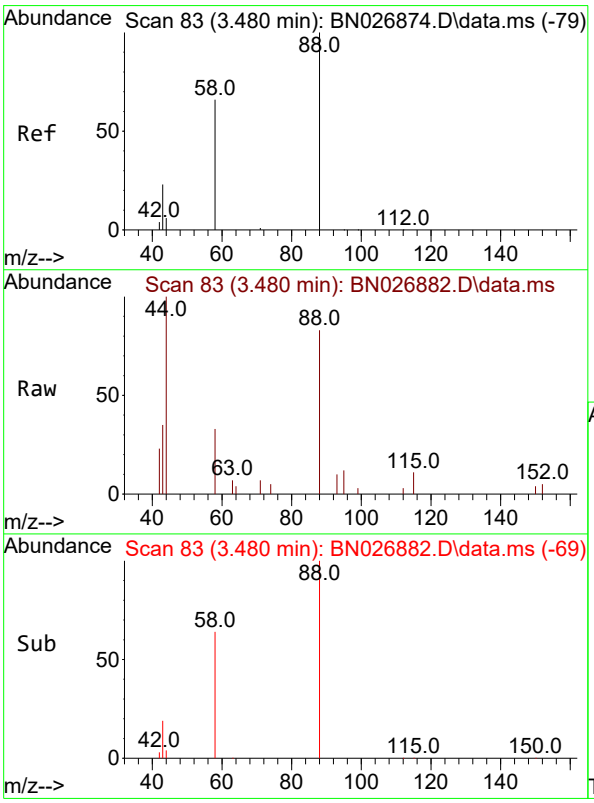
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.109 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4945

Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.8	185.6
115	64.3	49.7	74.5

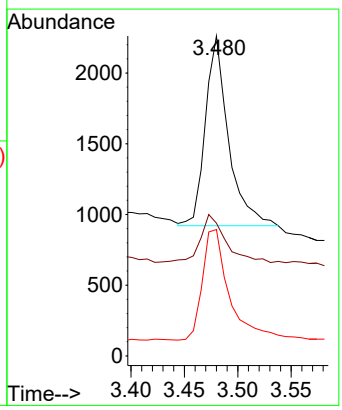


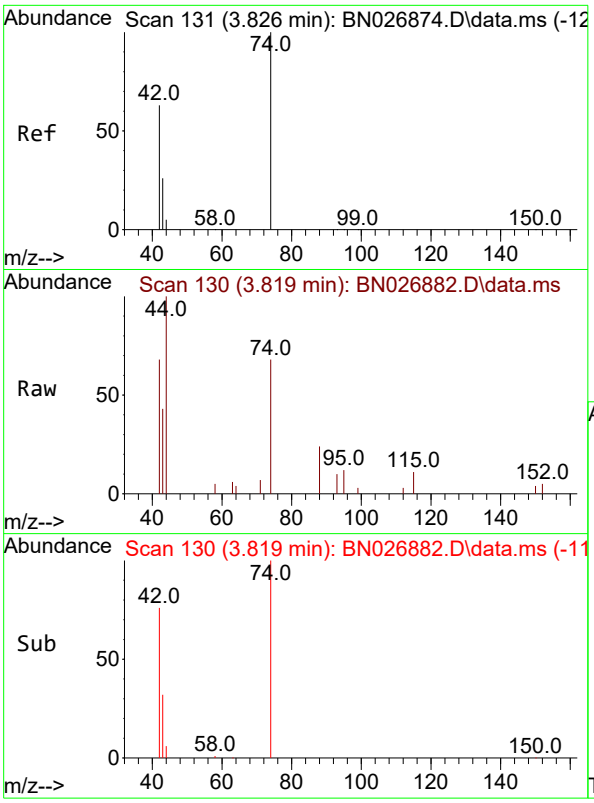


#2
1,4-Dioxane
Concen: 0.378 ng
RT: 3.480 min Scan# 83
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion: 88 Resp: 2010

Ion	Ratio	Lower	Upper
88	100		
43	27.7	19.2	28.8
58	67.9	54.5	81.7



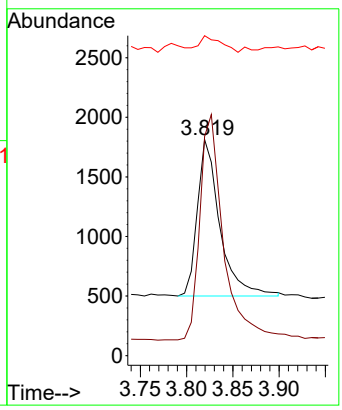


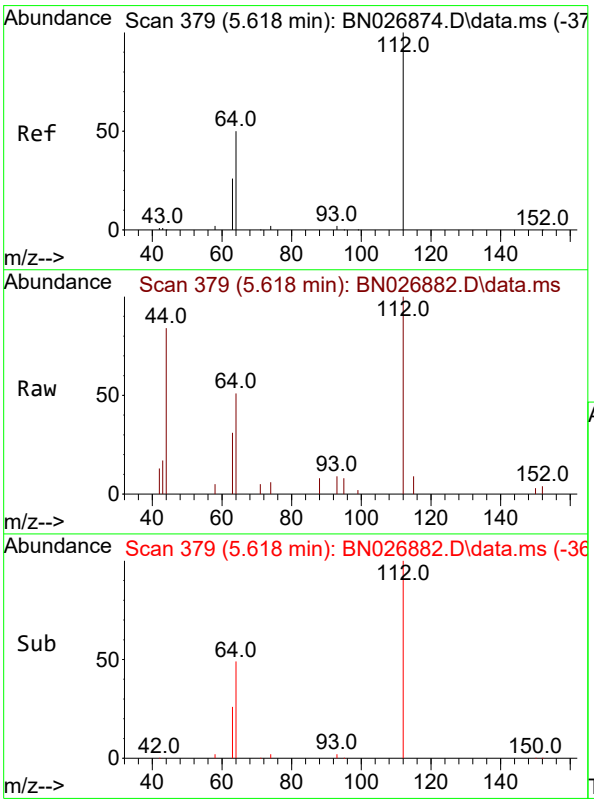
#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.819 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2225

Ion	Ratio	Lower	Upper
42	100		
74	150.0	119.4	179.2
44	9.7	8.7	13.1

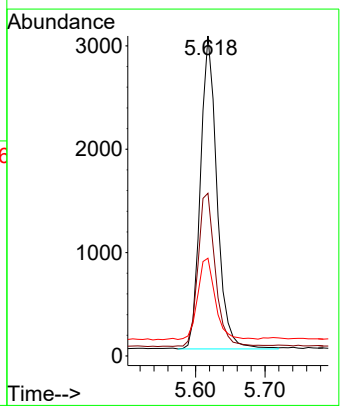


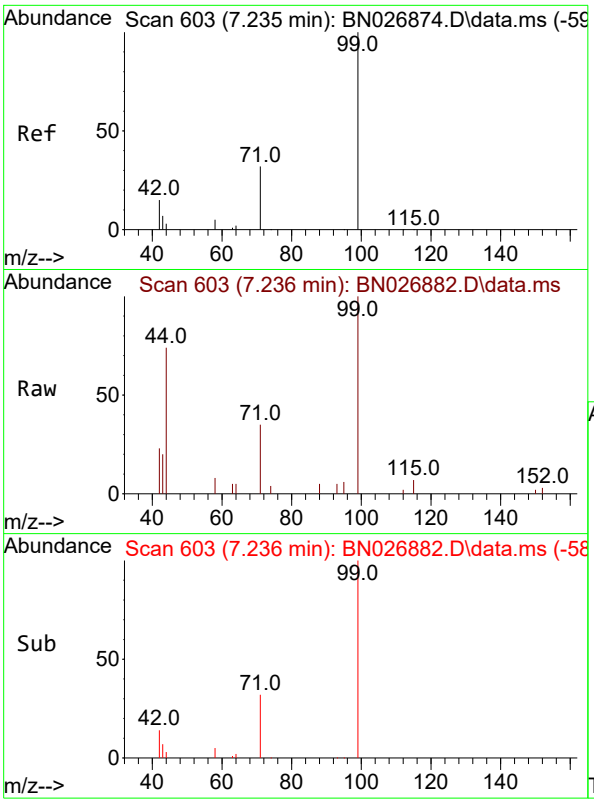


#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.618 min Scan# 379
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:112 Resp: 5010

Ion	Ratio	Lower	Upper
112	100		
64	51.3	41.5	62.3
63	28.3	21.7	32.5



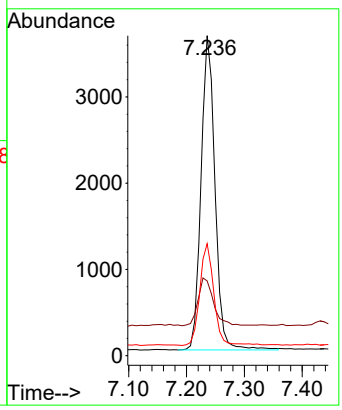


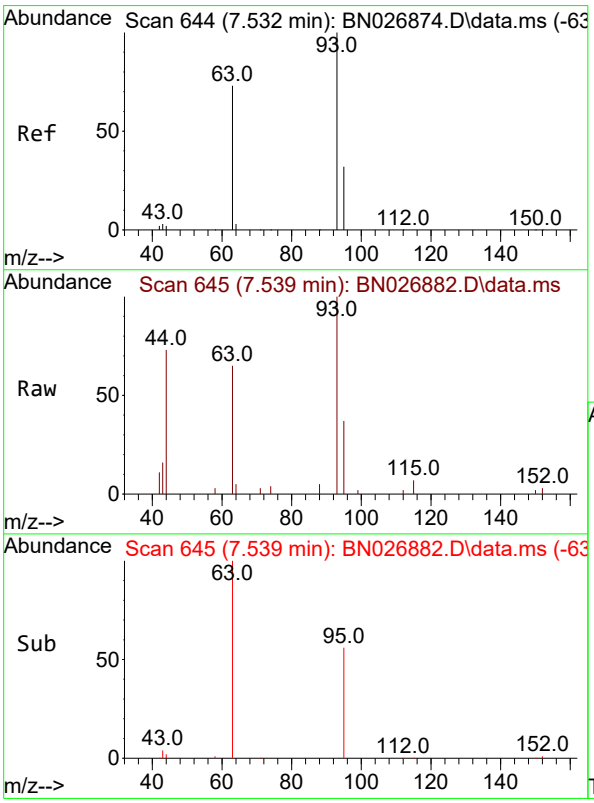
#5
Phenol-d6
Concen: 0.355 ng
RT: 7.236 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6110

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	32.8	26.0	39.0

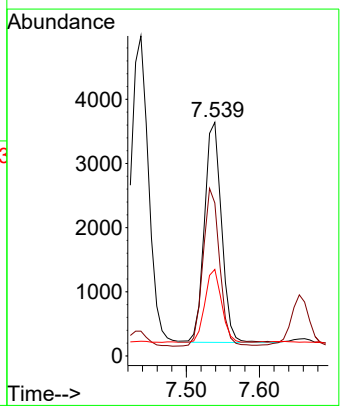


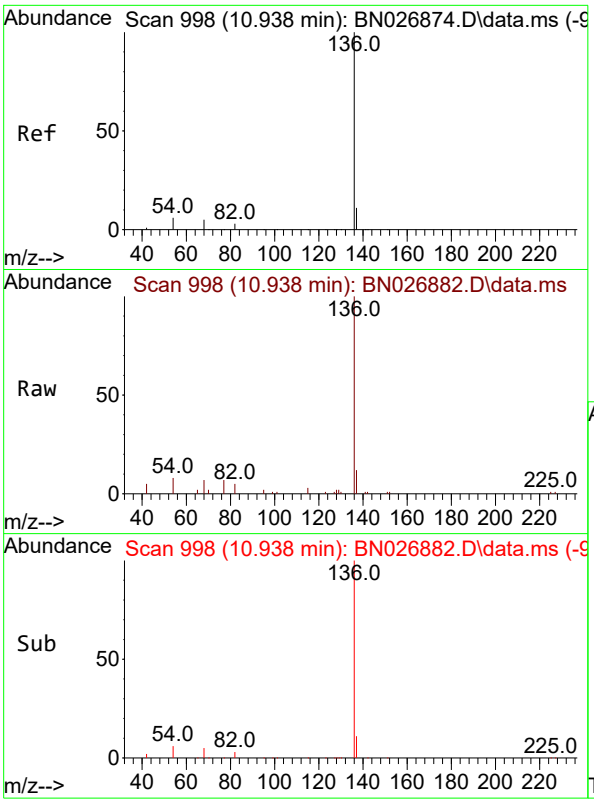


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 7.539 min Scan# 645
Delta R.T. 0.007 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion: 93 Resp: 5581

Ion	Ratio	Lower	Upper
93	100		
63	69.9	55.0	82.4
95	32.3	26.2	39.2



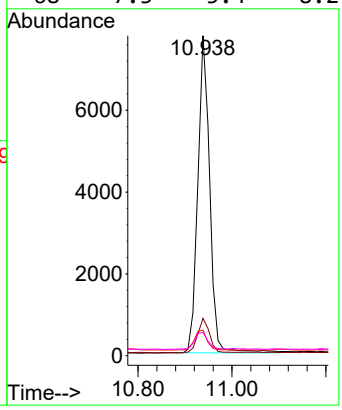


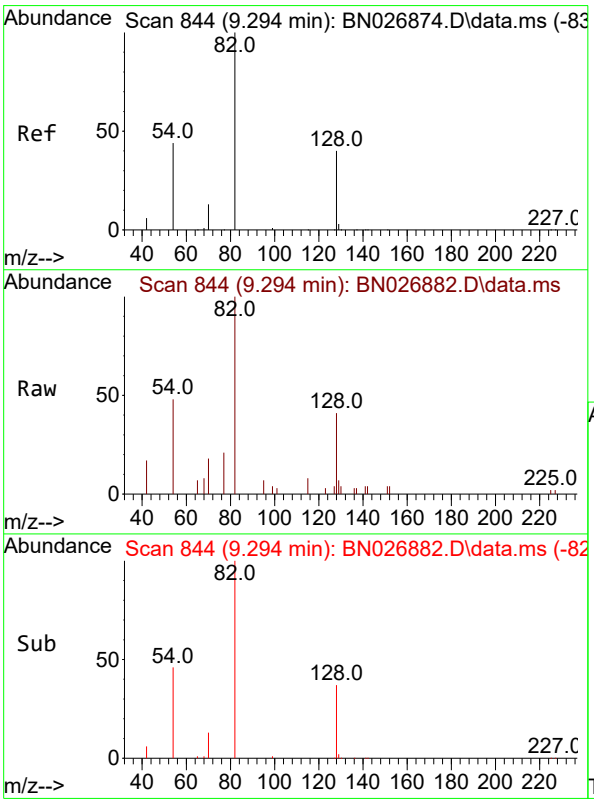
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13646

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	7.9	5.5	8.3
68	7.3	5.4	8.2

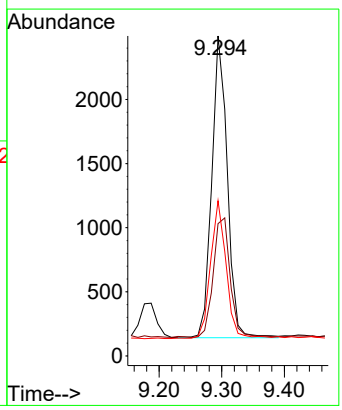


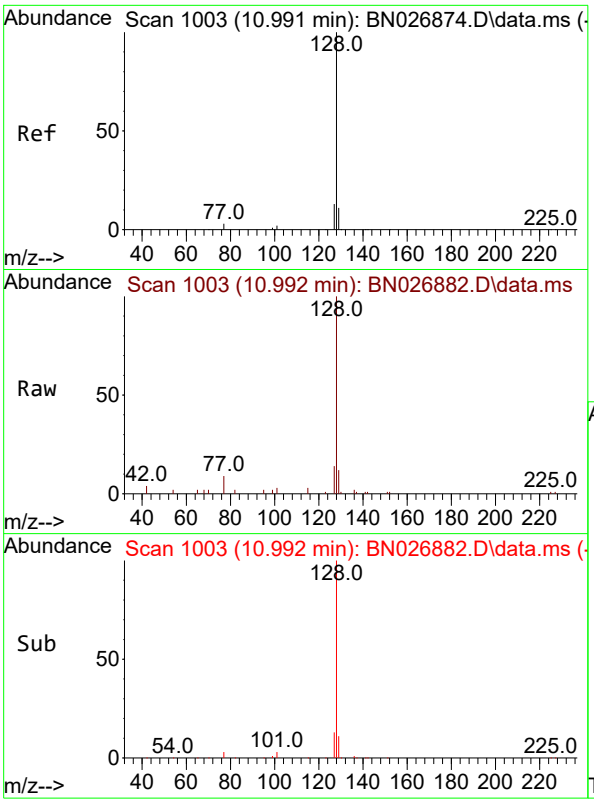


#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion: 82 Resp: 4052

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.1	51.1
54	48.5	37.0	55.4



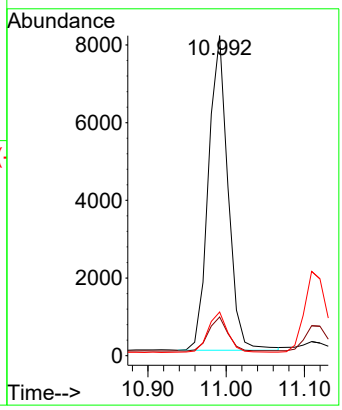


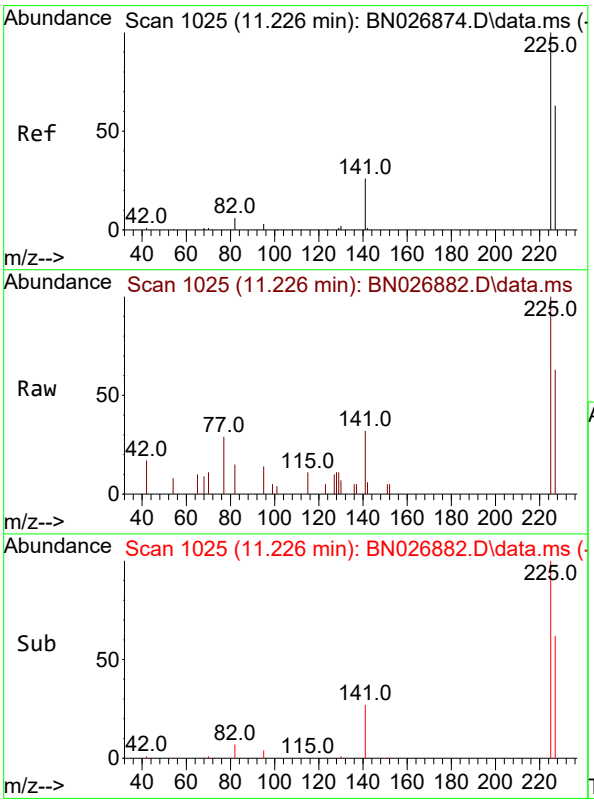
#9
Naphthalene
Concen: 0.391 ng
RT: 10.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 14048

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	13.7	10.6	16.0

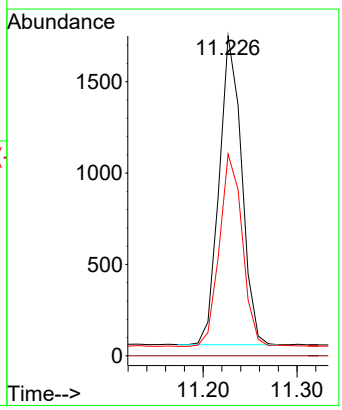


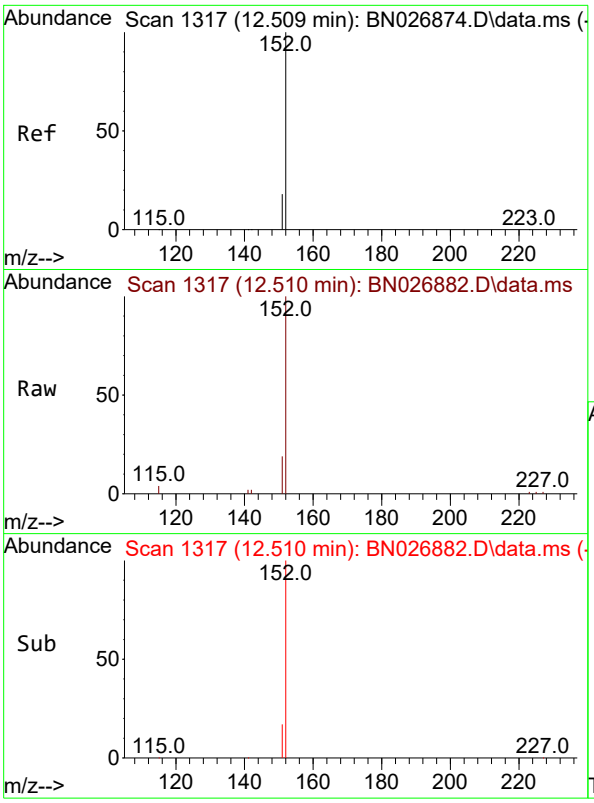


#10
Hexachlorobutadiene
Concen: 0.382 ng
RT: 11.226 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:225 Resp: 2804

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.8	76.2



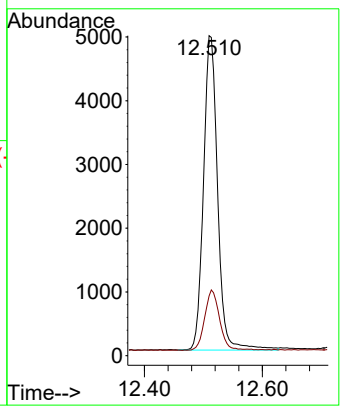


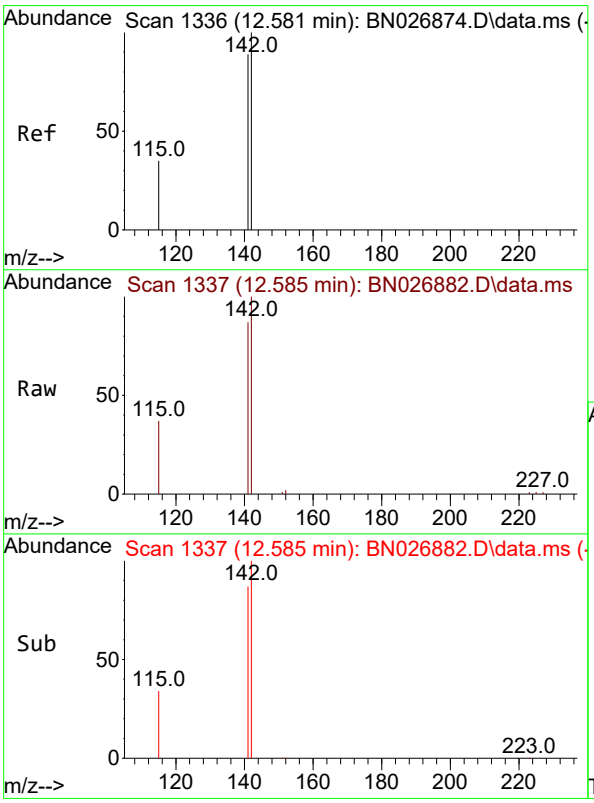
#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8176

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5

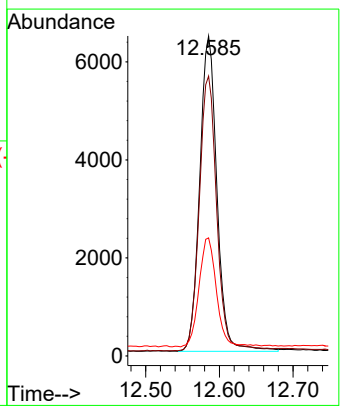


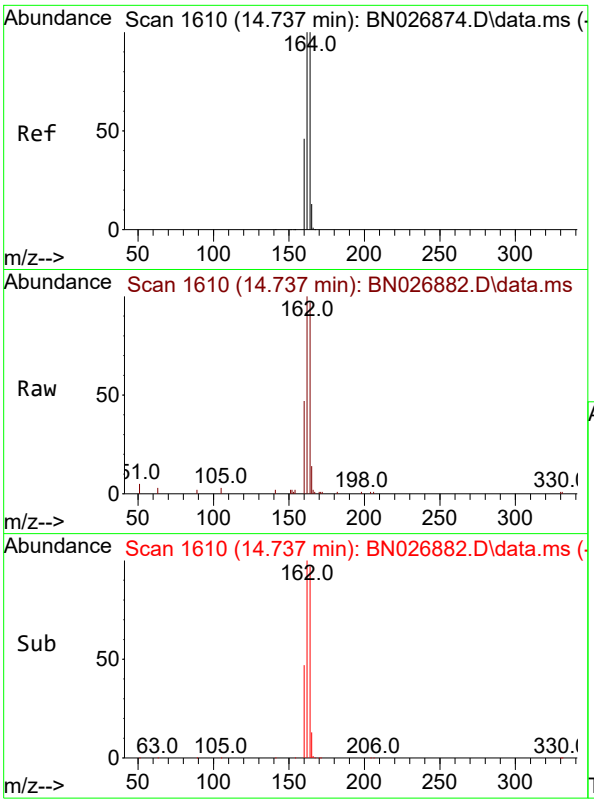


#12
2-Methylnaphthalene
Concen: 0.373 ng
RT: 12.585 min Scan# 1337
Delta R.T. 0.004 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:142 Resp: 10473

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.0	106.6
115	36.9	29.4	44.2



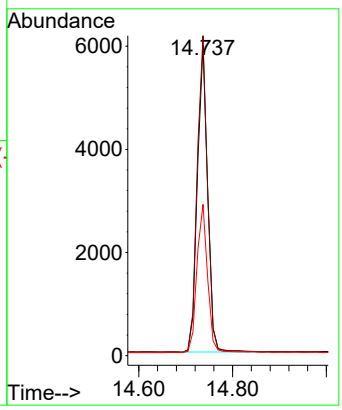


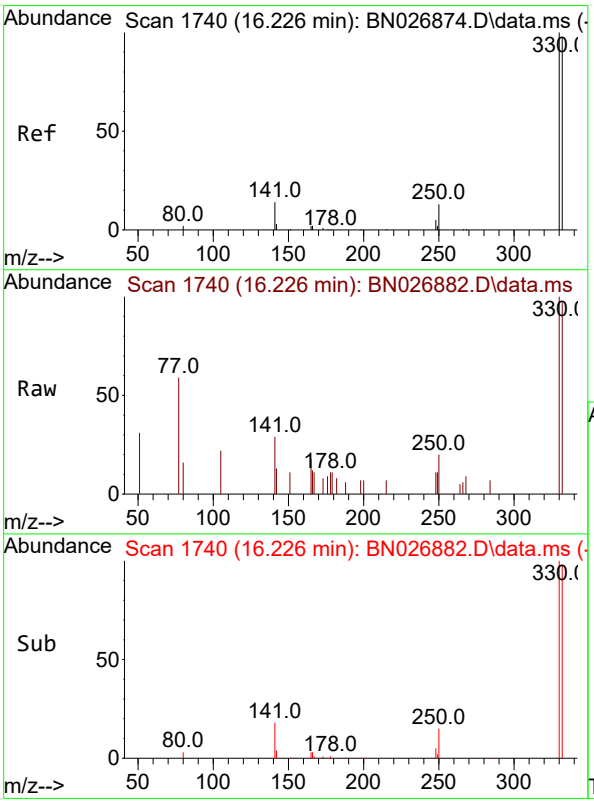
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9085

Ion	Ratio	Lower	Upper
164	100		
162	103.1	79.7	119.5
160	48.7	37.4	56.0

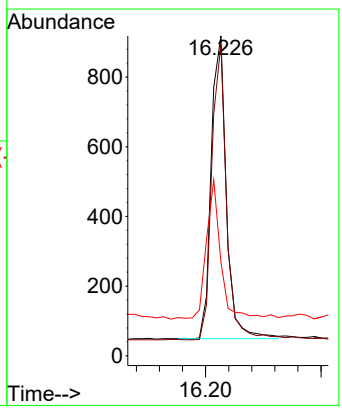


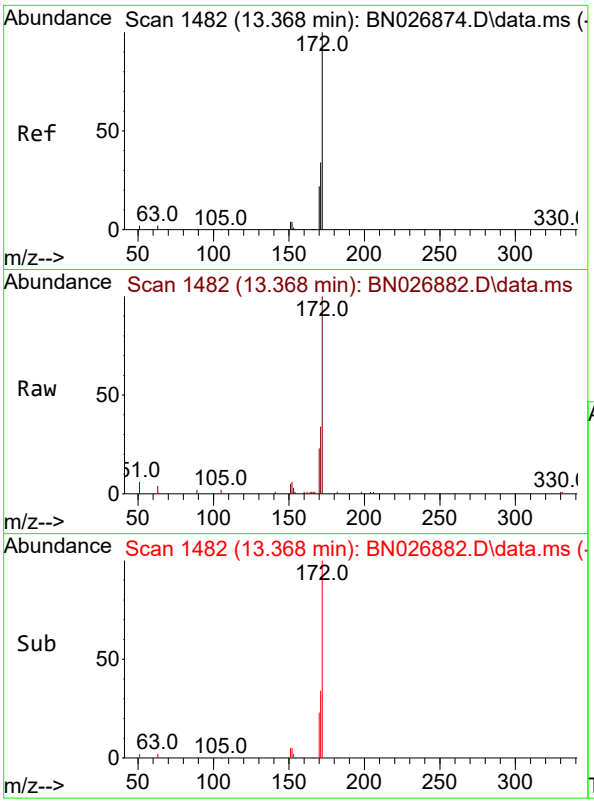


#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 16.226 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:330 Resp: 1580

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	114.8
141	41.8	32.3	48.5



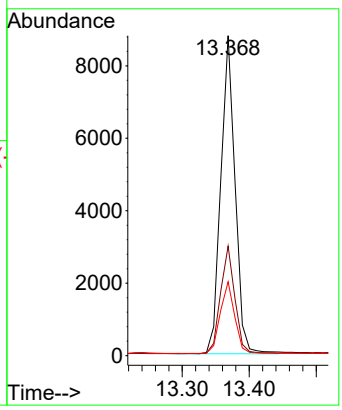


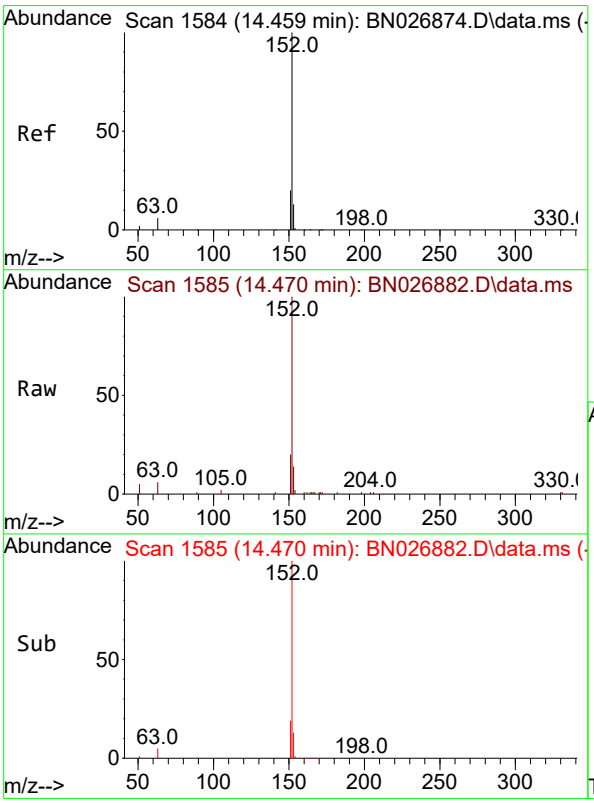
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.368 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 13022

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	23.1	18.0	27.0

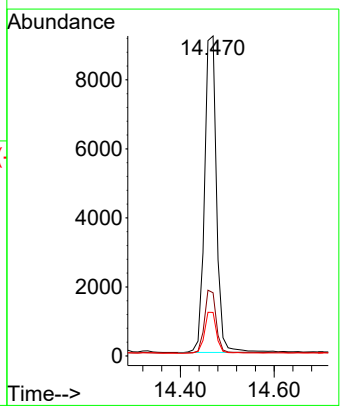


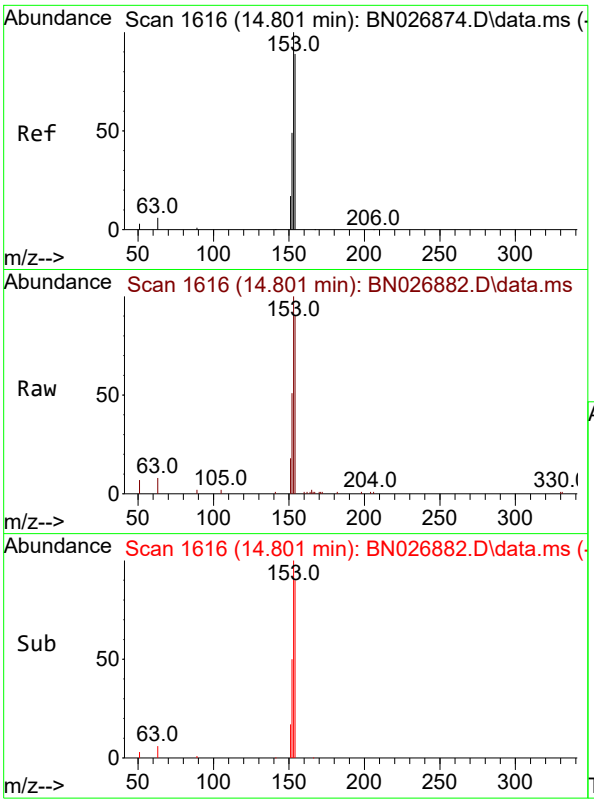


#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.470 min Scan# 1585
Delta R.T. 0.011 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:152 Resp: 16225

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	13.1	10.5	15.7



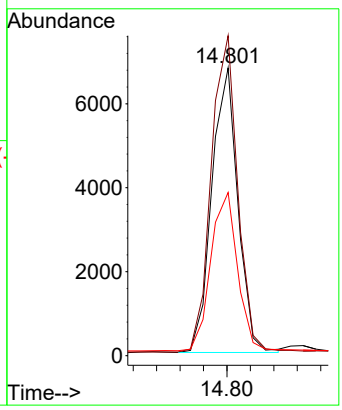


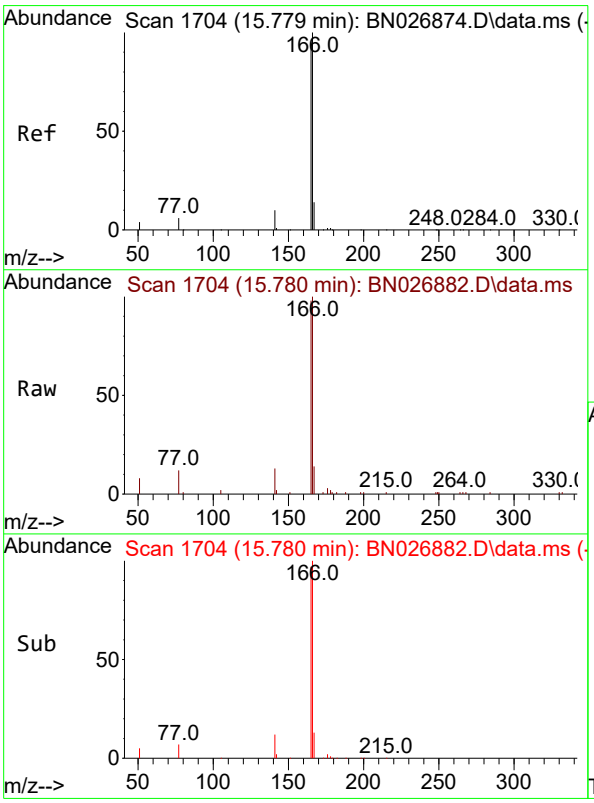
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.801 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 10455

Ion	Ratio	Lower	Upper
154	100		
153	113.4	92.0	138.0
152	57.4	46.2	69.2

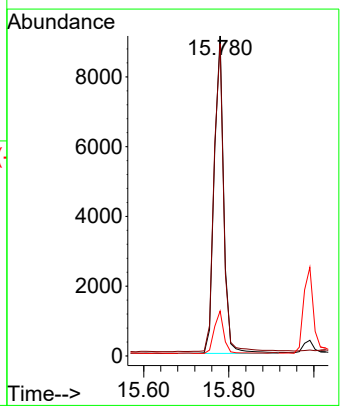


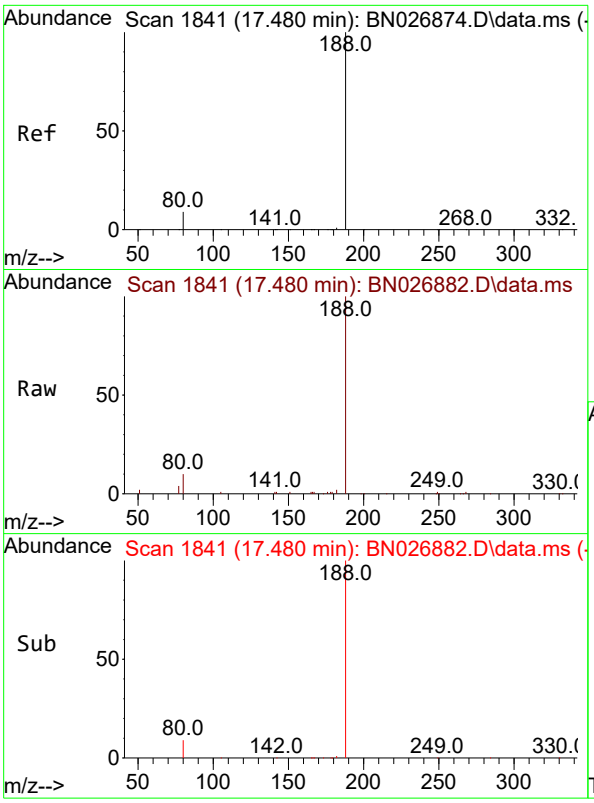


#18
Fluorene
Concen: 0.392 ng
RT: 15.780 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:166 Resp: 14087

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.4	116.2
167	13.4	10.9	16.3



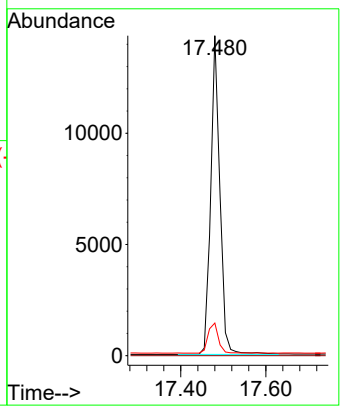


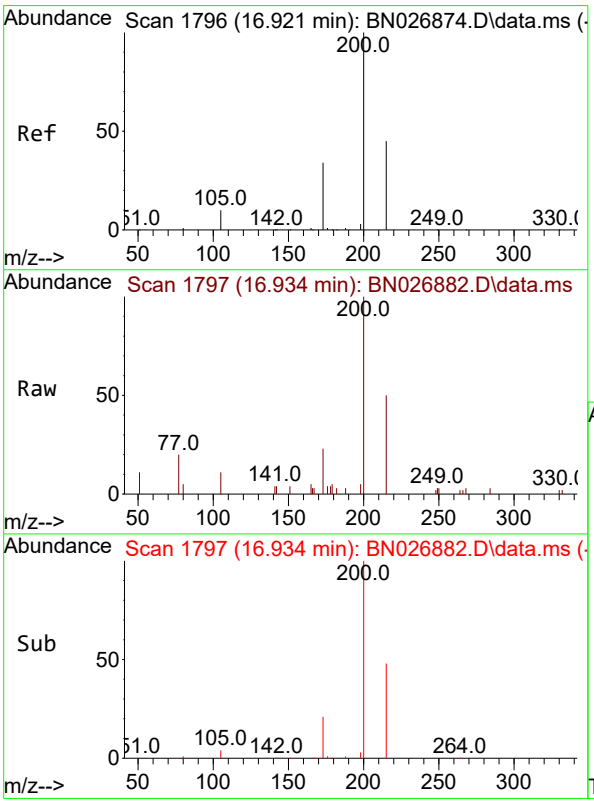
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 21524

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	7.4	11.2

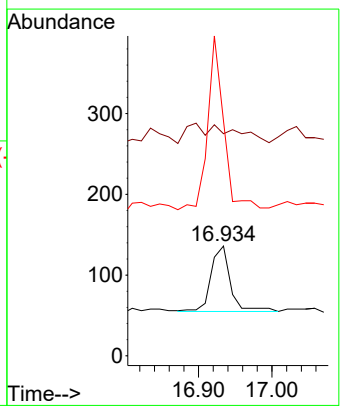


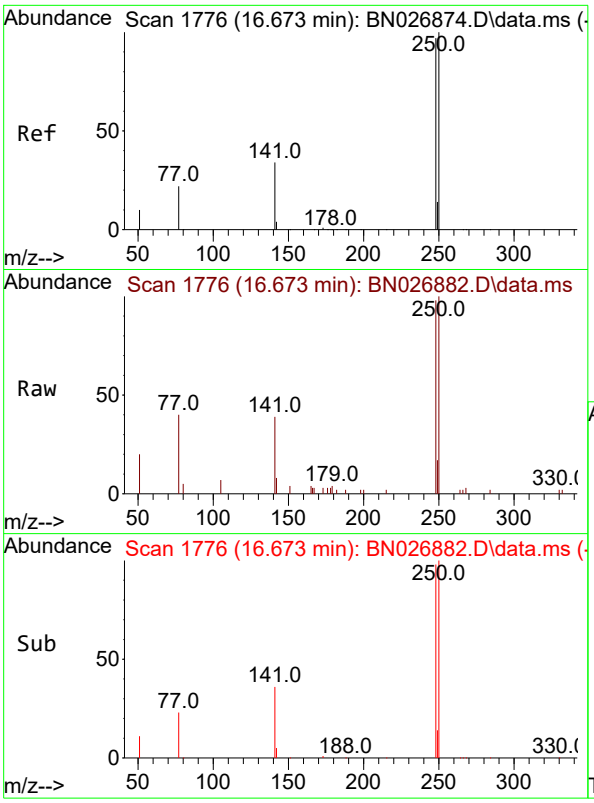


#20
4,6-Dinitro-2-methylphenol
Concen: 0.438 ng
RT: 16.934 min Scan# 1797
Delta R.T. 0.013 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:198 Resp: 148

Ion	Ratio	Lower	Upper
198	100		
51	202.2	143.8	215.8
105	214.0	273.5	410.3#



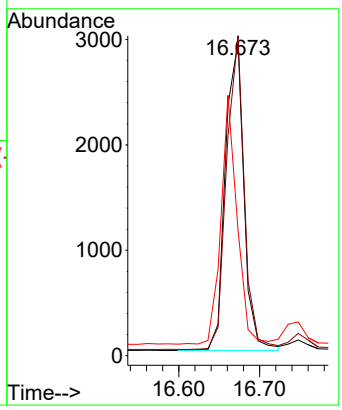


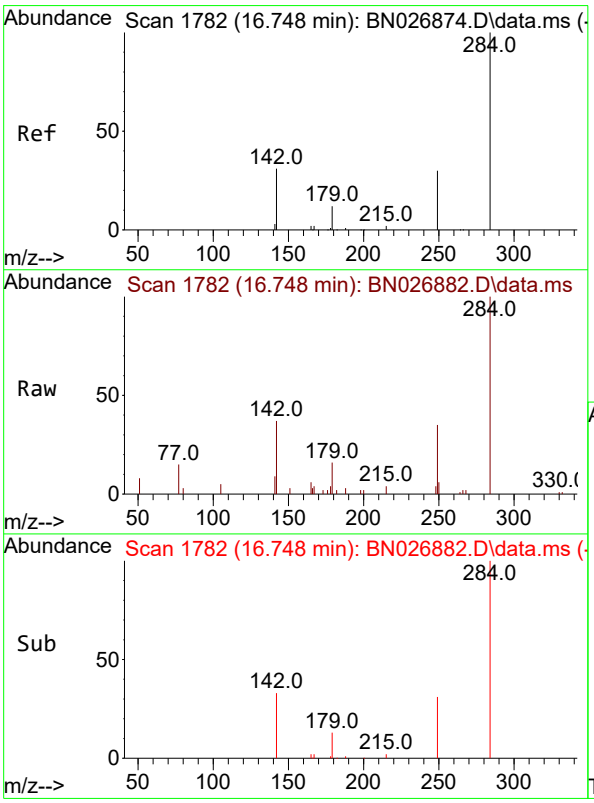
#21
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.673 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 4663

Ion	Ratio	Lower	Upper
248	100		
250	101.9	83.0	124.4
141	39.9	29.9	44.9

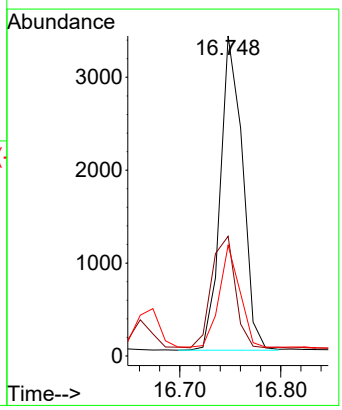


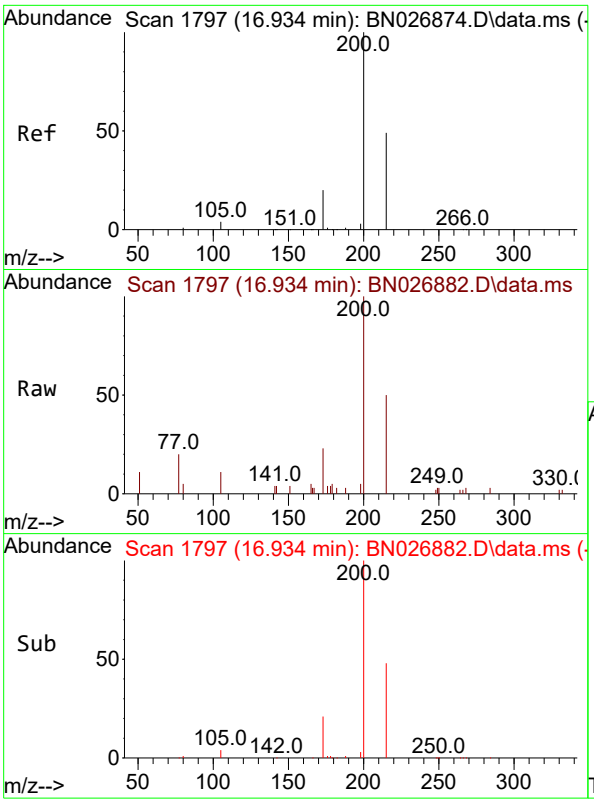


#22
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.748 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:284 Resp: 5160

Ion	Ratio	Lower	Upper
284	100		
142	38.0	30.0	45.0
249	30.2	24.4	36.6



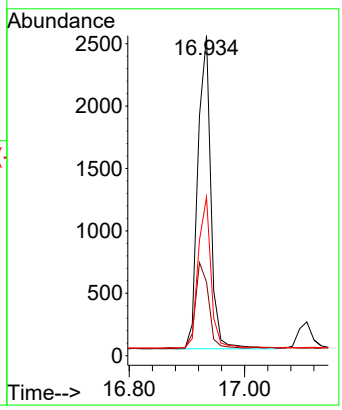


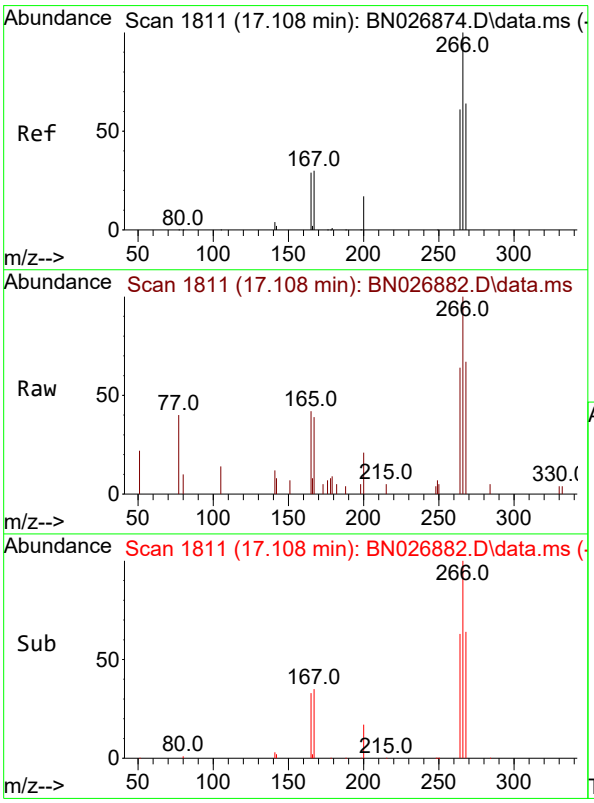
#23
Atrazine
Concen: 0.358 ng
RT: 16.934 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 3911

Ion	Ratio	Lower	Upper
200	100		
173	23.0	17.1	25.7
215	49.6	39.6	59.4

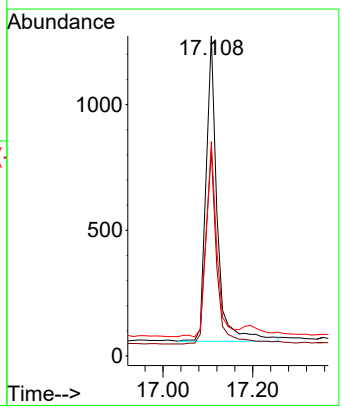


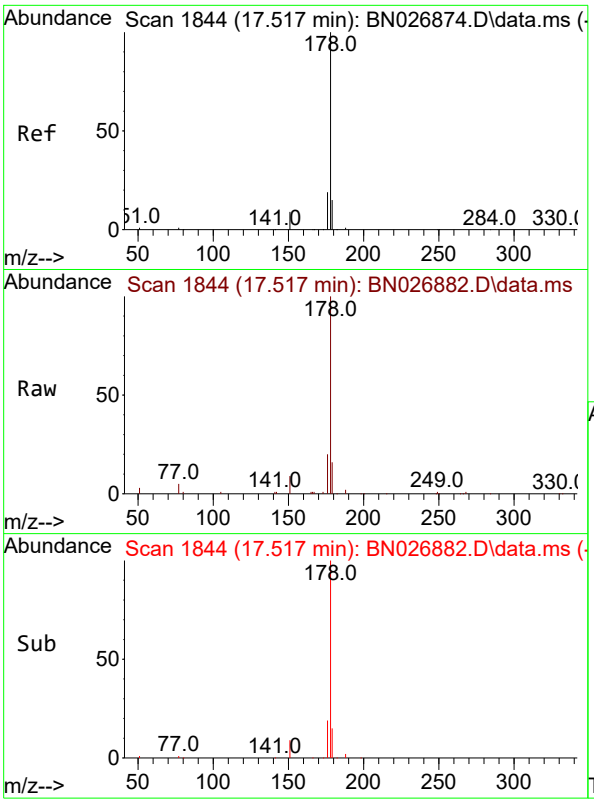


#24
Pentachlorophenol
Concen: 0.316 ng
RT: 17.108 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:266 Resp: 2093

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.7	74.5
268	59.4	49.3	73.9



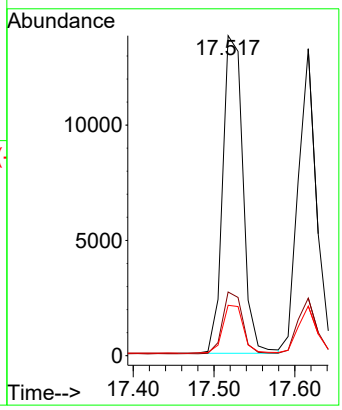


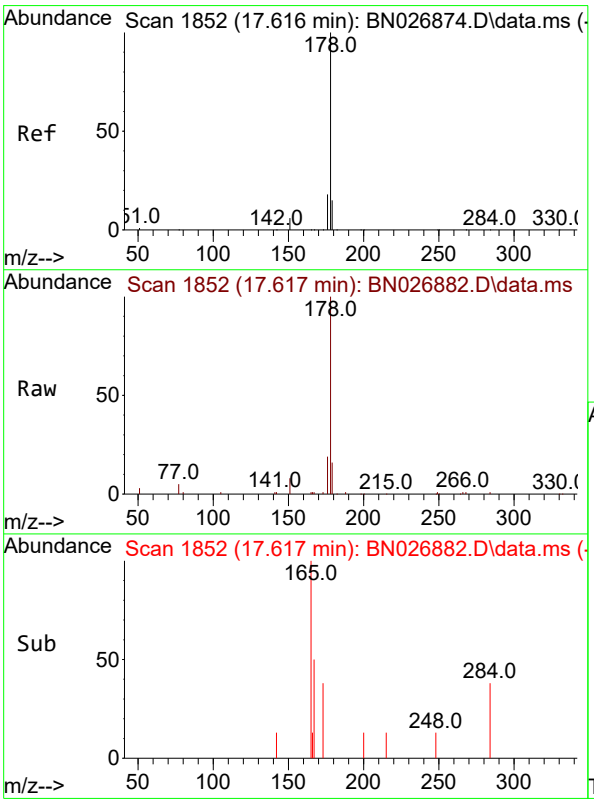
#25
Phenanthrene
Concen: 0.388 ng
RT: 17.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 24002

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.2	18.4

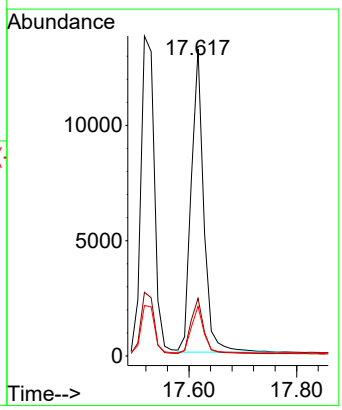


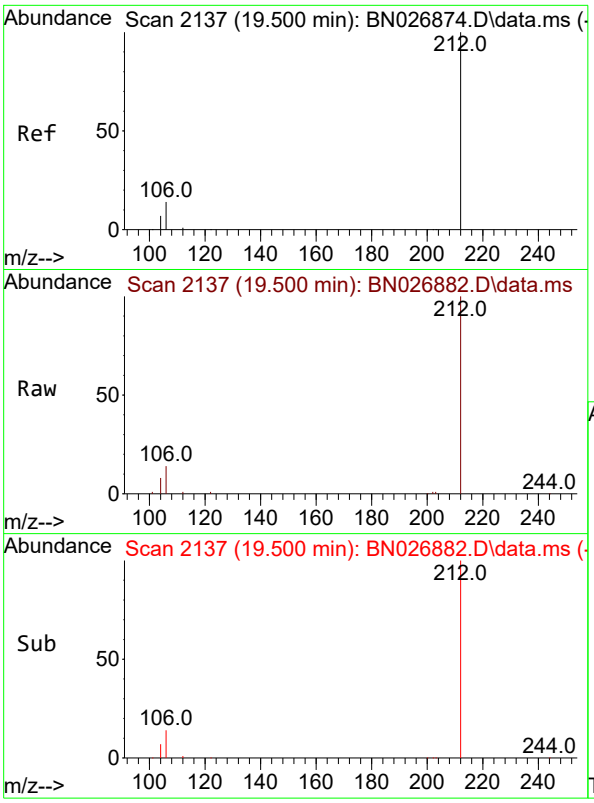


#26
Anthracene
Concen: 0.367 ng
RT: 17.617 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:178 Resp: 21176

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.2	12.1	18.1



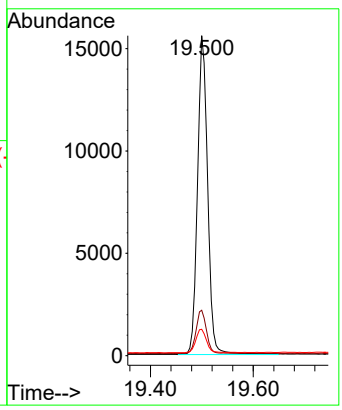


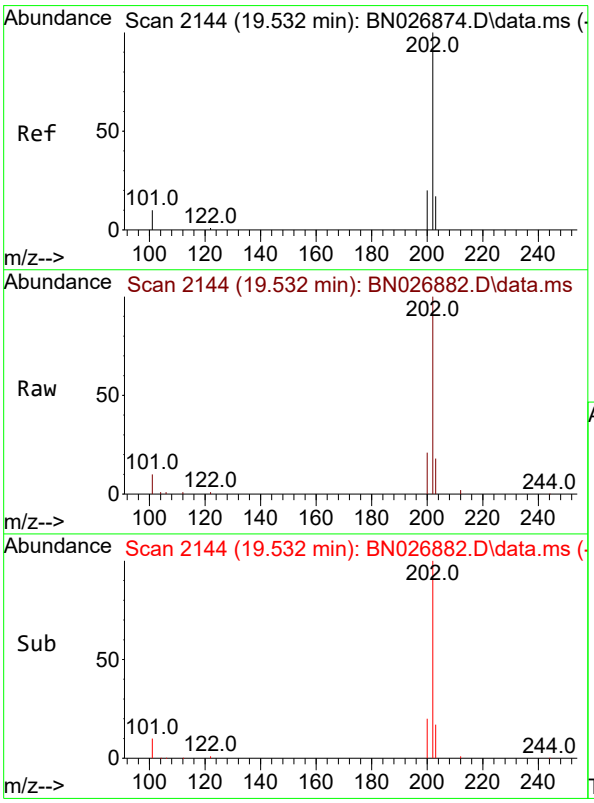
#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 21491

Ion	Ratio	Lower	Upper
212	100		
106	13.8	10.9	16.3
104	7.6	5.9	8.9

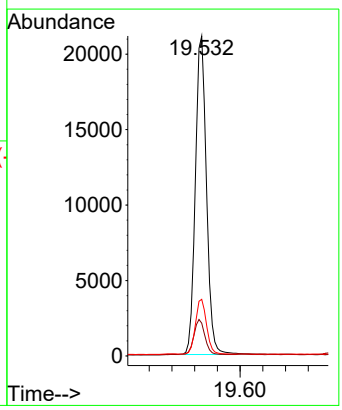


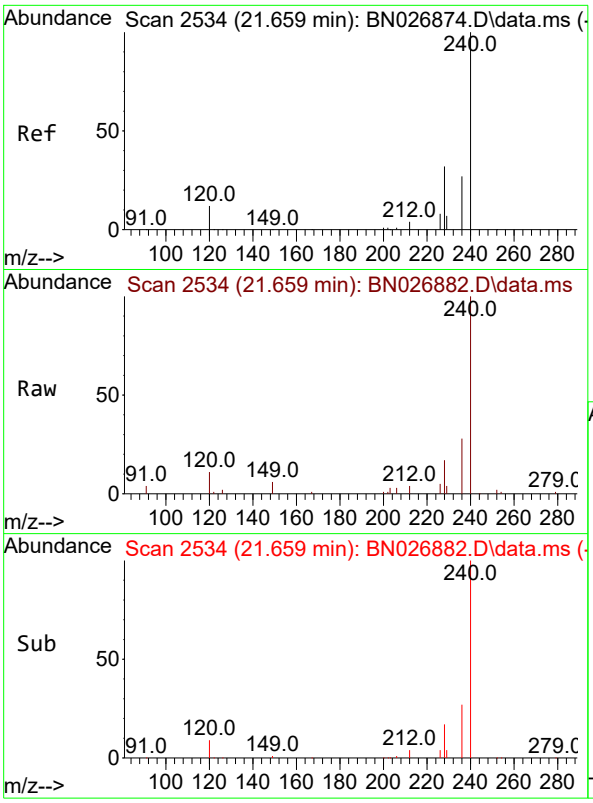


#28
Fluoranthene
Concen: 0.391 ng
RT: 19.532 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:202 Resp: 28672

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.2	13.7	20.5



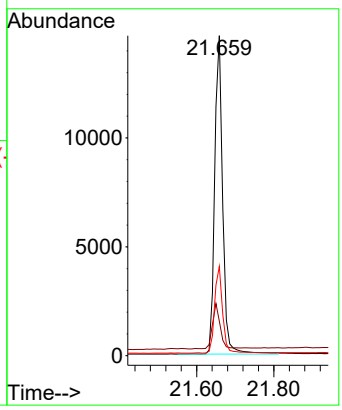


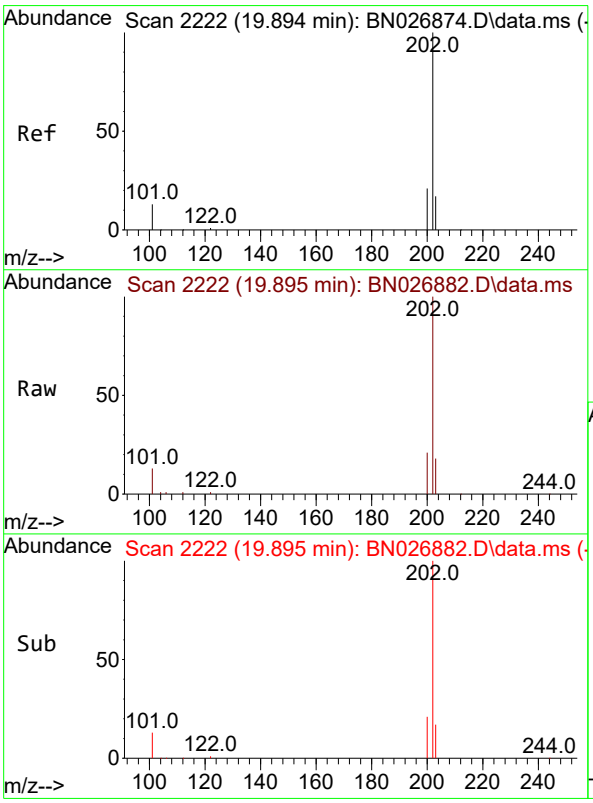
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.659 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 21025

Ion	Ratio	Lower	Upper
240	100		
120	10.8	11.1	16.7#
236	27.9	22.2	33.2

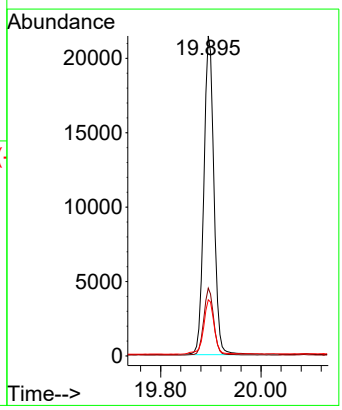


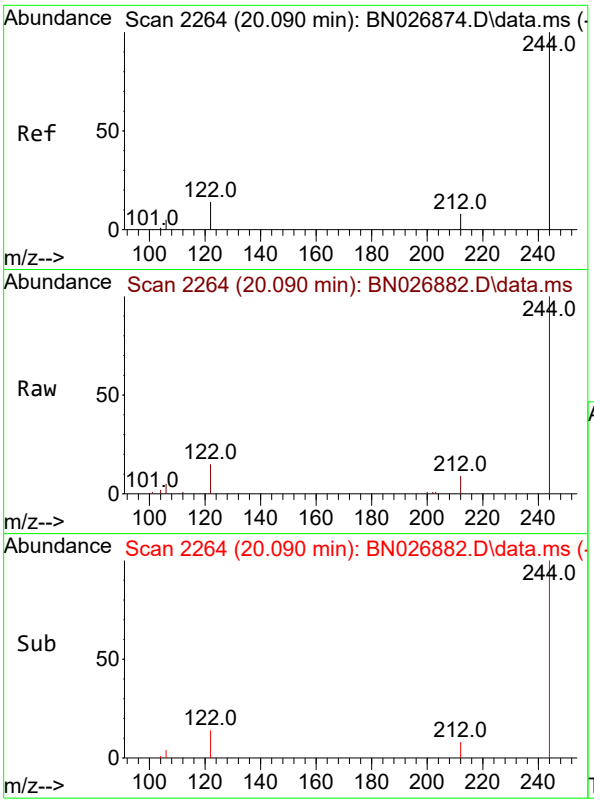


#30
Pyrene
Concen: 0.370 ng
RT: 19.895 min Scan# 2222
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:202 Resp: 29966

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.7	14.4	21.6



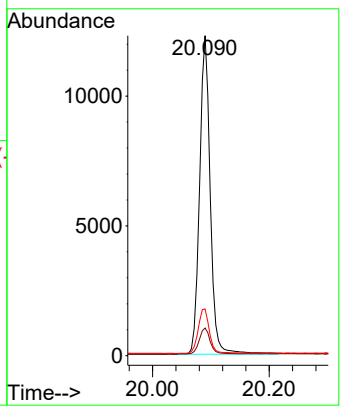


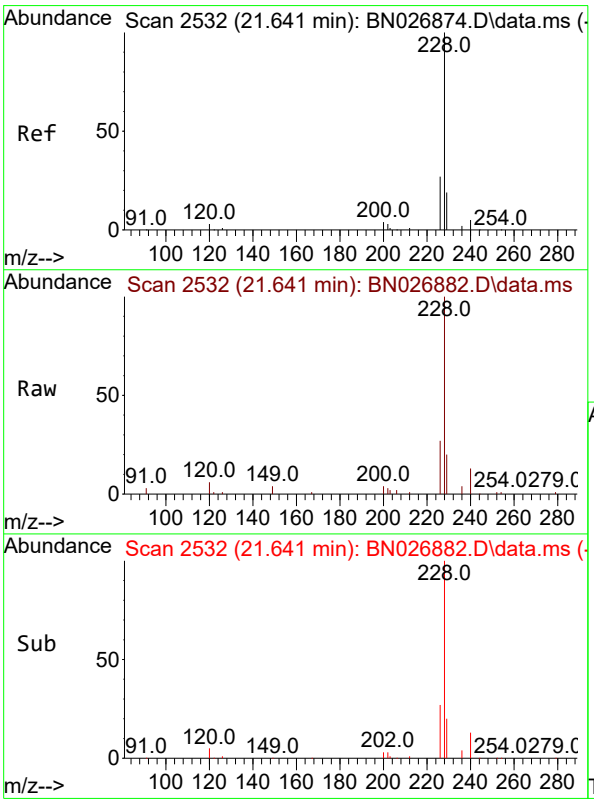
#31
Terphenyl-d14
Concen: 0.356 ng
RT: 20.090 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 15631

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	14.6	11.9	17.9

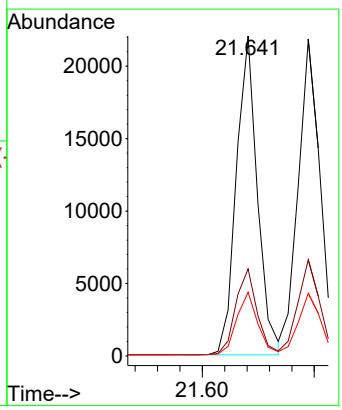


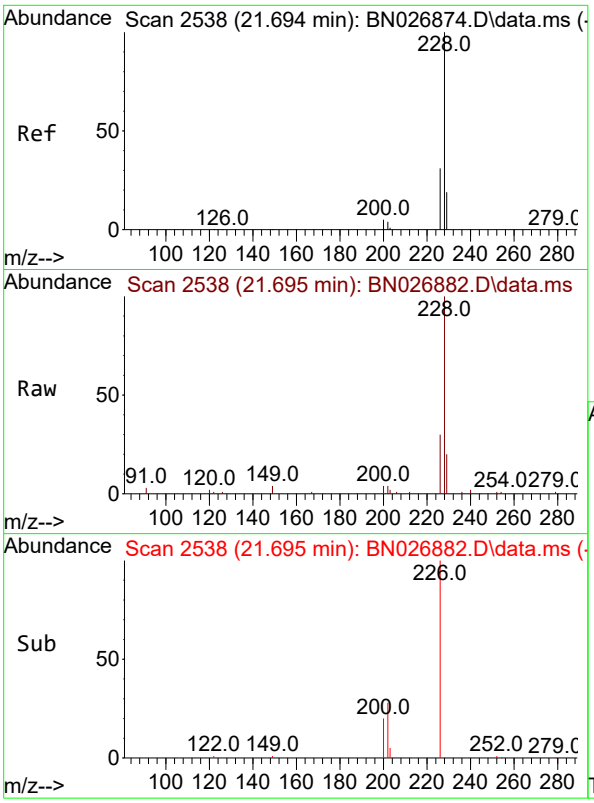


#32
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.641 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:228 Resp: 28916

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	19.9	15.5	23.3



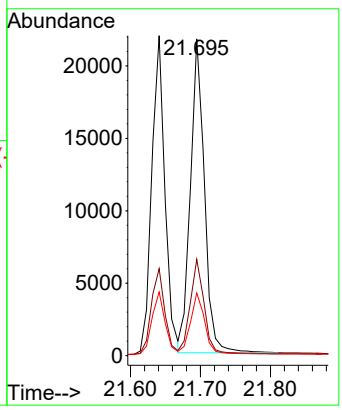


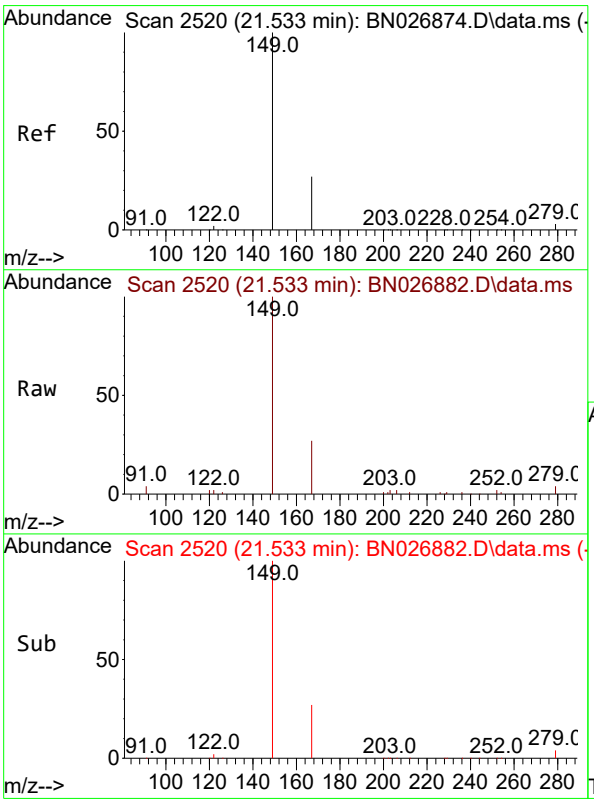
#33
Chrysene
Concen: 0.394 ng
RT: 21.695 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 30190

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	19.8	15.5	23.3

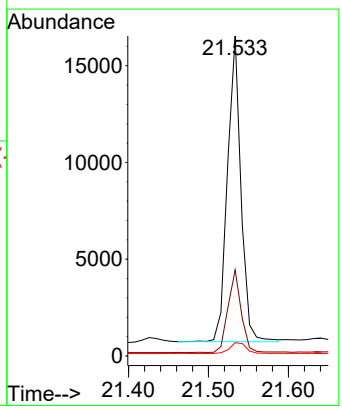


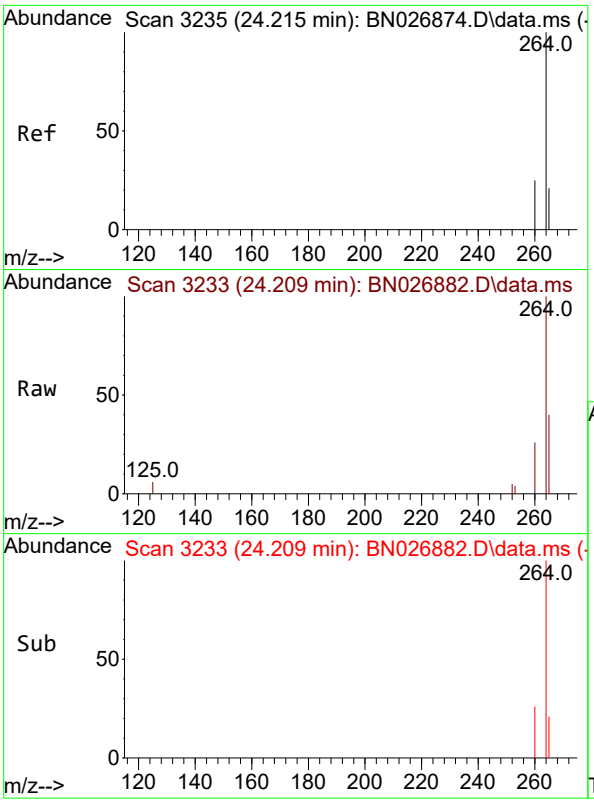


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.340 ng
RT: 21.533 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:149 Resp: 18558

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.4	32.0
279	4.5	3.6	5.4



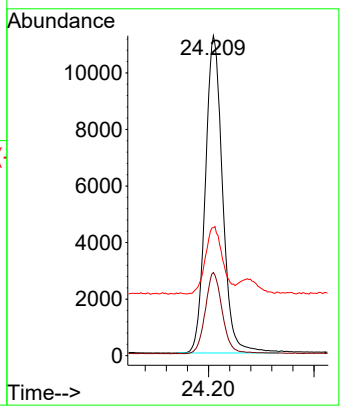


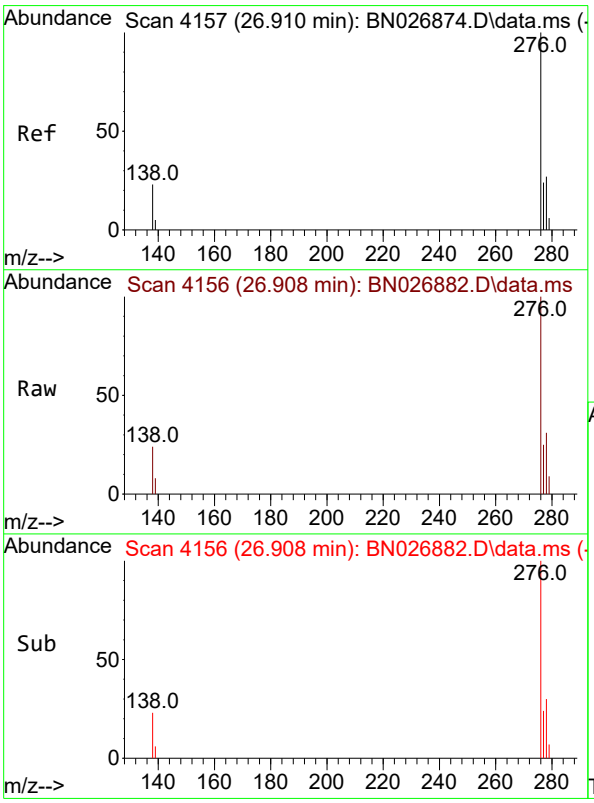
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.209 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 25421

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.4	30.6
265	40.0	27.0	40.6

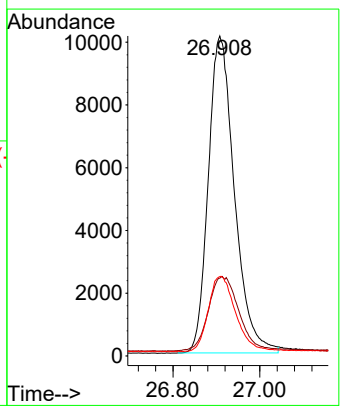


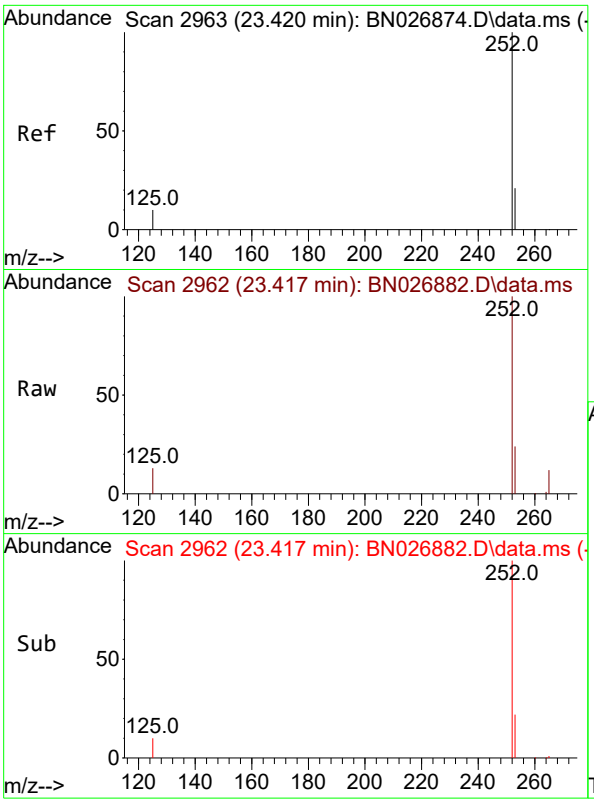


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 26.908 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:276 Resp: 42295

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.1	31.7
277	24.9	19.9	29.9



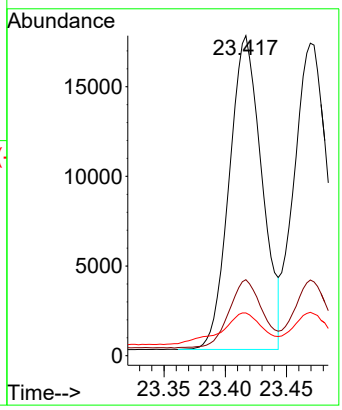


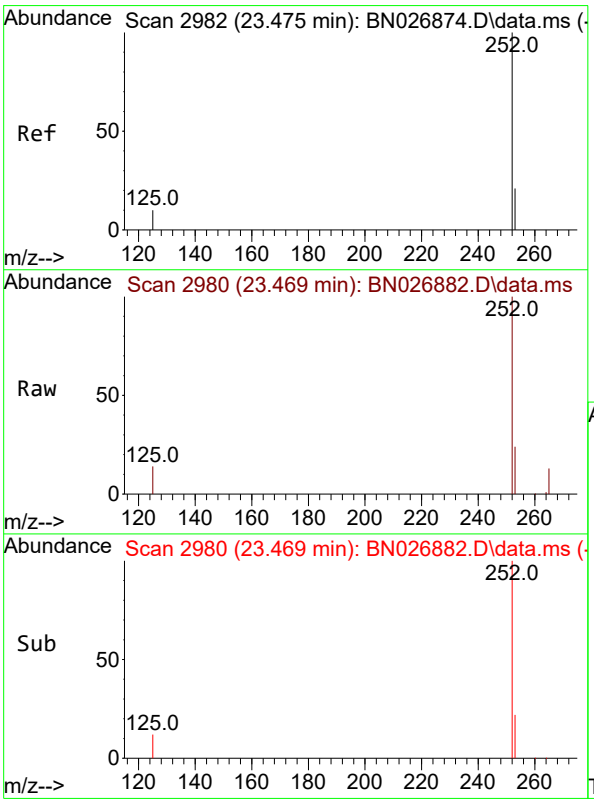
#37
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 23.417 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 32388

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	13.4	10.2	15.2

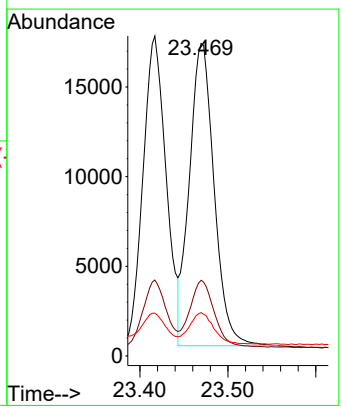


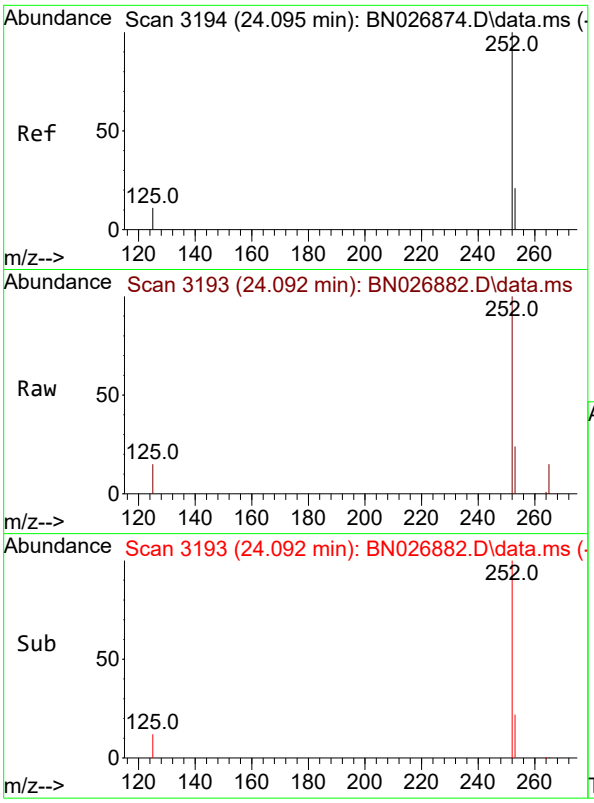


#38
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.469 min Scan# 2980
Delta R.T. -0.006 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:252 Resp: 33038

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	13.9	10.2	15.2



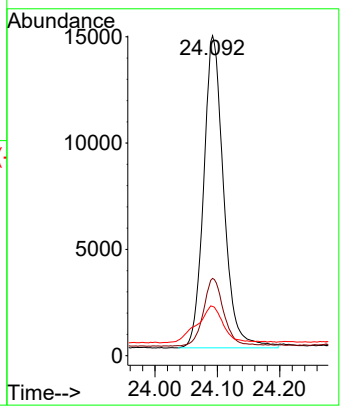


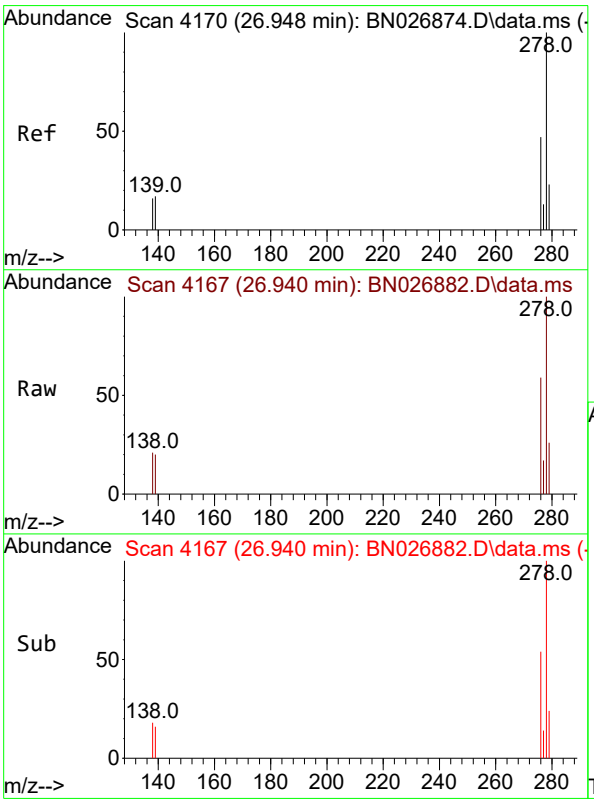
#39
Benzo(a)pyrene
Concen: 0.385 ng
RT: 24.092 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 32796

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.6	28.0
125	15.4	11.7	17.5

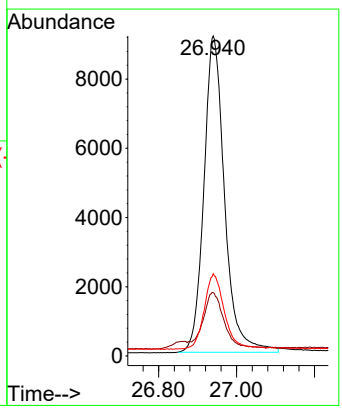


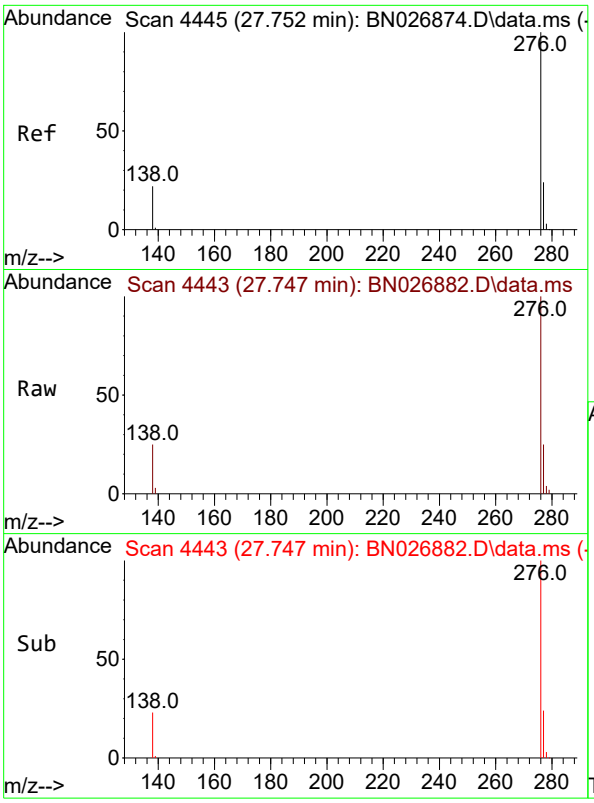


#40
Dibenzo(a,h)anthracene
Concen: 0.407 ng
RT: 26.940 min Scan# 4167
Delta R.T. -0.009 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Tgt Ion:278 Resp: 33739

Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.3	22.9
279	25.7	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.409 ng
RT: 27.747 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN026882.D
Acq: 10 Aug 2023 14:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 36490

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	24.7	19.0	28.4