Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028915.D
Acq On : 30 Nov 2023 18:00
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 30 23:38:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 23:35:52 2023
Response via : Initial Calibration

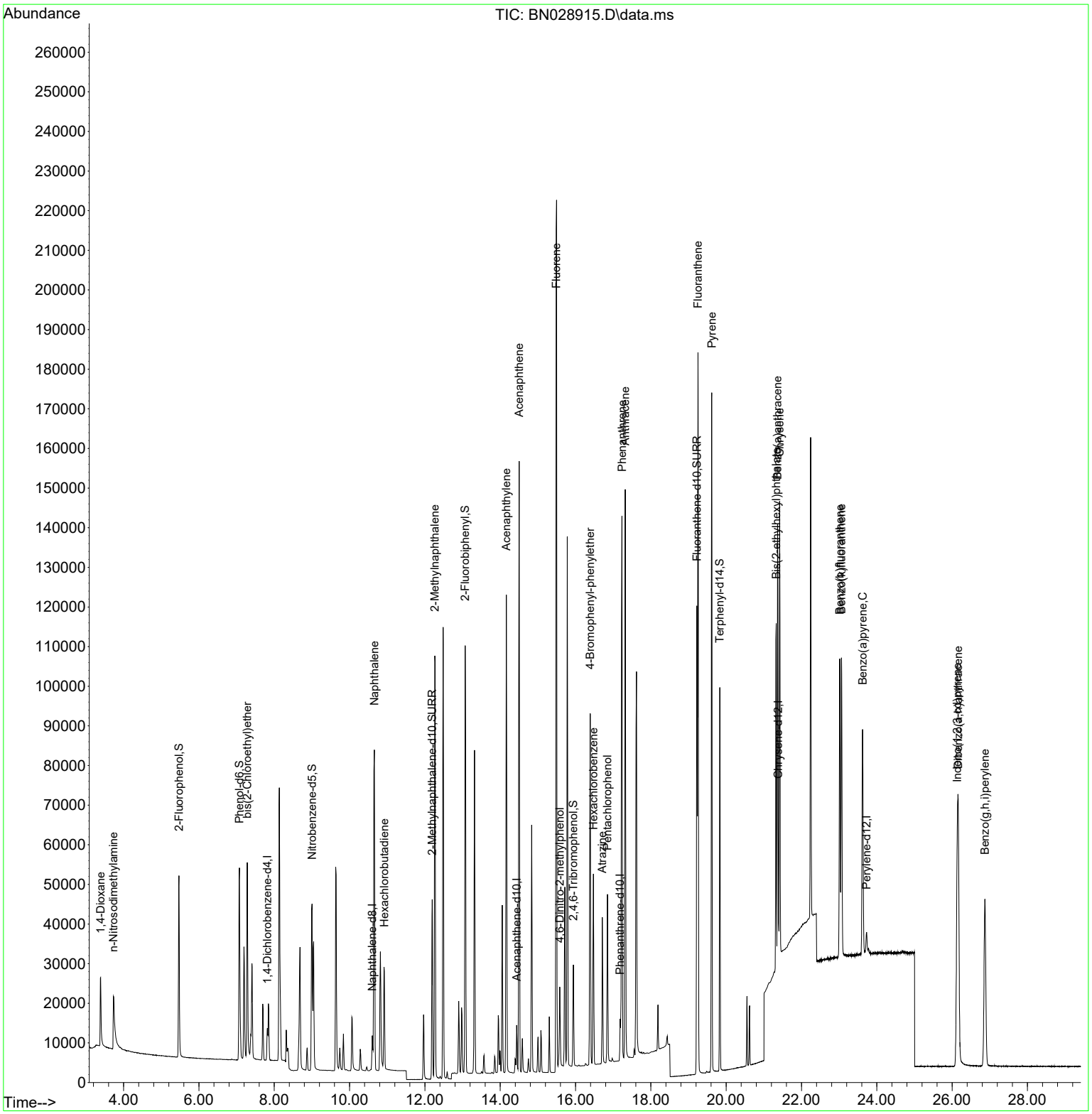
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	3796	0.400	ng		0.00
7) Naphthalene-d8	10.605	136	11069	0.400	ng		-0.01
13) Acenaphthene-d10	14.439	164	6444	0.400	ng		-0.01
19) Phenanthrene-d10	17.183	188	14420	0.400	ng		#-0.01
29) Chrysene-d12	21.382	240	6510	0.400	ng		0.00
35) Perylene-d12	23.725	264	7399	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	35659	3.048	ng		-0.02
5) Phenol-d6	7.074	99	42674	3.334	ng		-0.03
8) Nitrobenzene-d5	9.003	82	36653	3.319	ng		-0.01
11) 2-Methylnaphthalene-d10	12.193	152	60570	3.396	ng		-0.01
14) 2,4,6-Tribromophenol	15.942	330	13276	2.990	ng		-0.01
15) 2-Fluorobiphenyl	13.070	172	90737	3.229	ng		-0.01
27) Fluoranthene-d10	19.222	212	129463	3.455	ng		0.00
31) Terphenyl-d14	19.831	244	90244	4.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	12816	3.454	ng		98
3) n-Nitrosodimethylamine	3.730	42	14924	3.662	ng	#	59
6) bis(2-Chloroethyl)ether	7.284	93	37123	3.464	ng		97
9) Naphthalene	10.658	128	111312	3.116	ng		98
10) Hexachlorobutadiene	10.925	225	21213	2.880	ng	#	99
12) 2-Methylnaphthalene	12.265	142	73601	3.298	ng		98
16) Acenaphthylene	14.161	152	114007	3.332	ng		99
17) Acenaphthene	14.503	154	72302	3.155	ng		99
18) Fluorene	15.486	166	96519	3.361	ng		99
20) 4,6-Dinitro-2-methylph...	15.582	198	10852	3.464	ng		89
21) 4-Bromophenyl-phenylether	16.389	248	29789	2.948	ng	#	88
22) Hexachlorobenzene	16.476	284	35227	2.829	ng		99
23) Atrazine	16.712	200	27200	3.110	ng		97
24) Pentachlorophenol	16.848	266	18173	3.188	ng		97
25) Phenanthrene	17.233	178	149658	3.104	ng		96
26) Anthracene	17.320	178	142225	3.210	ng		99
28) Fluoranthene	19.250	202	160825	3.261	ng		98
30) Pyrene	19.617	202	156911	4.210	ng		99
32) Benzo(a)anthracene	21.365	228	94897	3.424	ng		93
33) Chrysene	21.418	228	92052	3.366	ng		94
34) Bis(2-ethylhexyl)phtha...	21.329	149	93982	2.037	ng	#	89
36) Indeno(1,2,3-cd)pyrene	26.137	276	110896	3.429	ng		94
37) Benzo(b)fluoranthene	23.014	252	100305	3.296	ng	#	33
38) Benzo(k)fluoranthene	23.061	252	96578	3.377	ng	#	32
39) Benzo(a)pyrene	23.623	252	88035	3.235	ng	#	27
40) Dibenzo(a,h)anthracene	26.163	278	88491	3.552	ng	#	27
41) Benzo(g,h,i)perylene	26.871	276	94535	3.344	ng	#	70

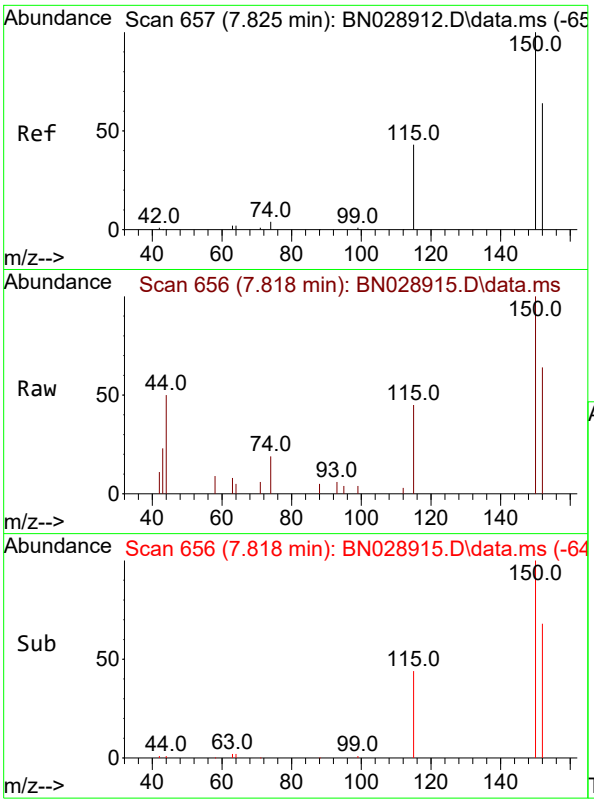
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028915.D
Acq On : 30 Nov 2023 18:00
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 30 23:38:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 23:35:52 2023
Response via : Initial Calibration



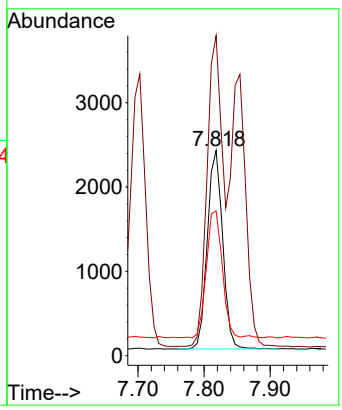


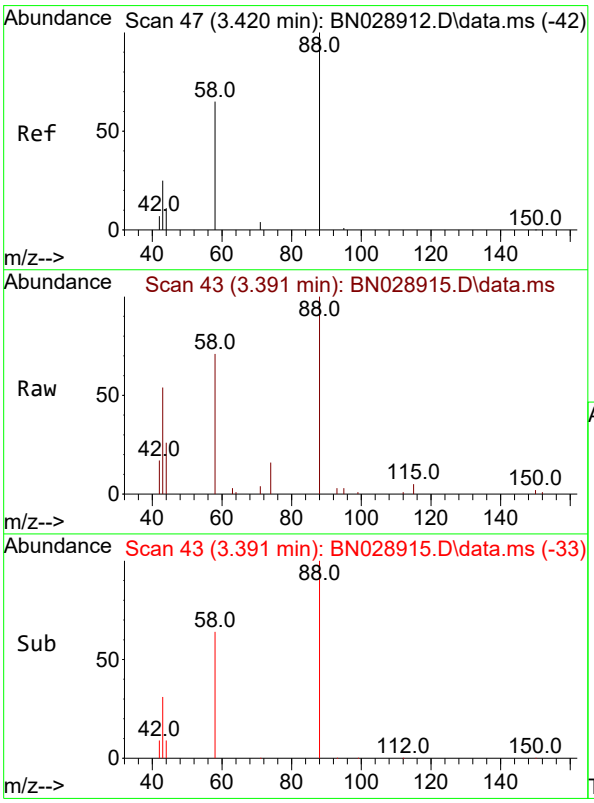
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 3796

Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.4	185.2
115	70.5	59.1	88.7

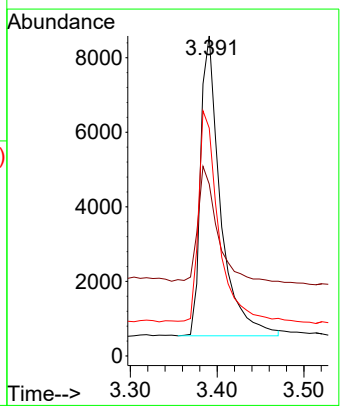


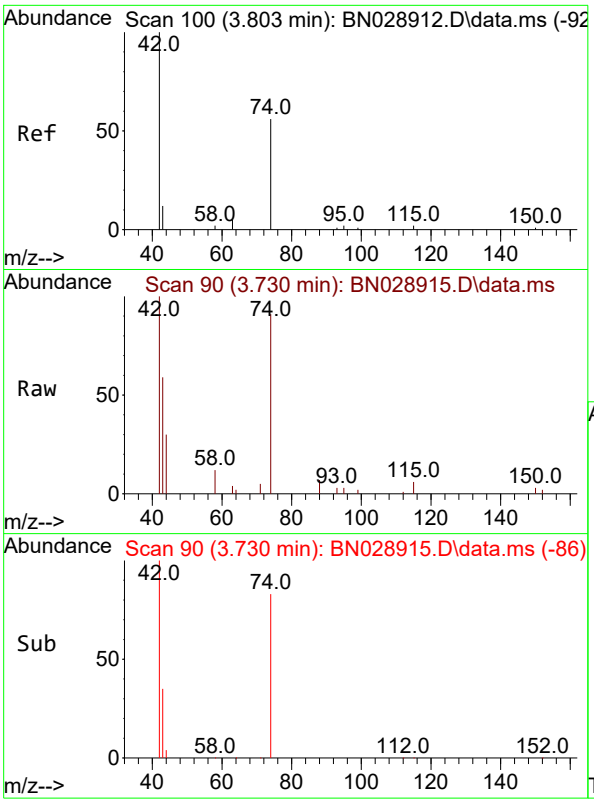


#2
1,4-Dioxane
Concen: 3.454 ng
RT: 3.391 min Scan# 43
Delta R.T. -0.029 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion: 88 Resp: 12816

Ion	Ratio	Lower	Upper
88	100		
43	36.4	29.9	44.9
58	70.5	55.0	82.4



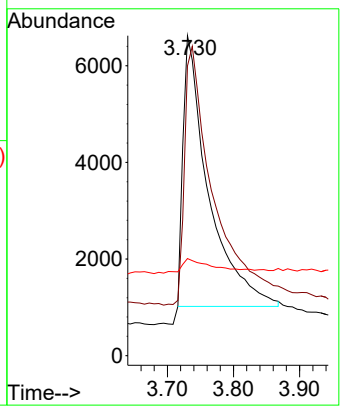


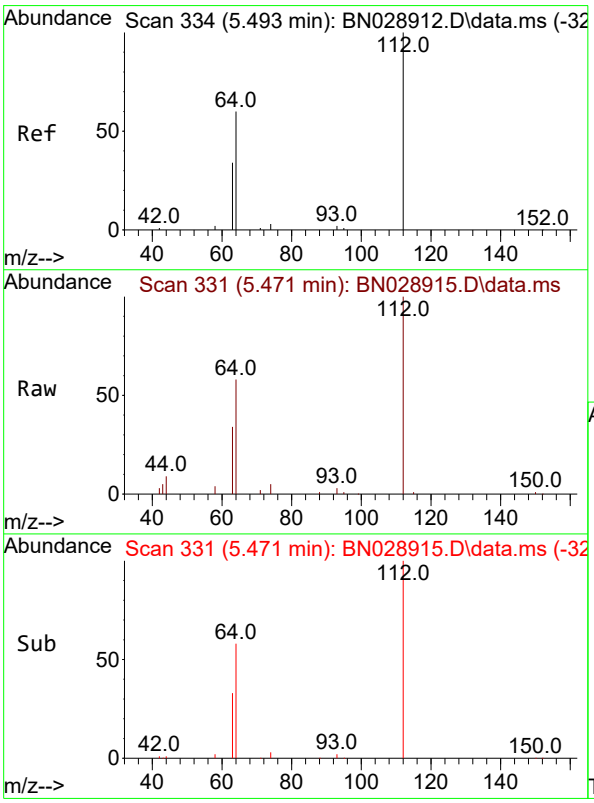
#3
n-Nitrosodimethylamine
Concen: 3.662 ng
RT: 3.730 min Scan# 9
Delta R.T. -0.072 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 14924

Ion	Ratio	Lower	Upper
42	100		
74	105.5	57.0	85.6#
44	5.9	0.0	0.0#

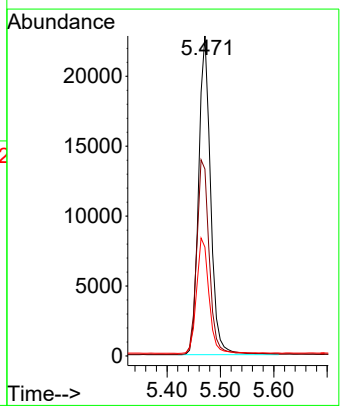


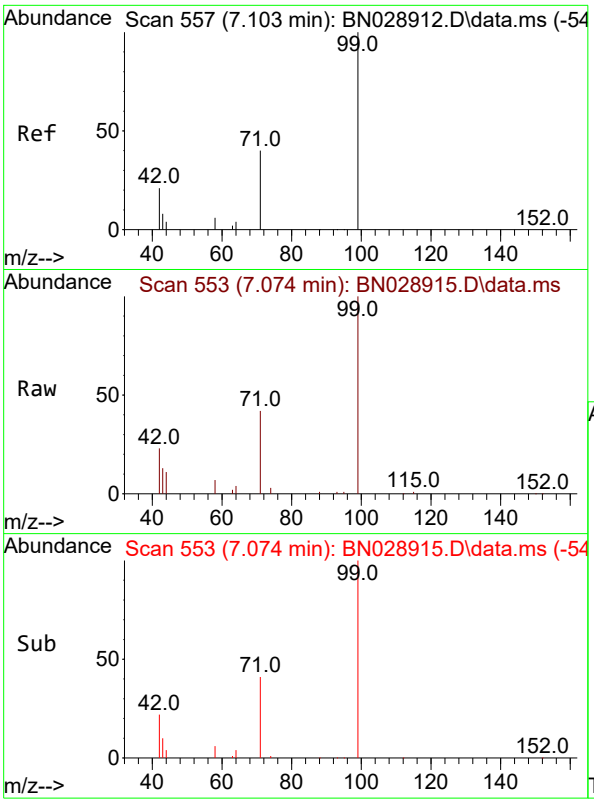


#4
2-Fluorophenol
Concen: 3.048 ng
RT: 5.471 min Scan# 331
Delta R.T. -0.022 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:112 Resp: 35659

Ion	Ratio	Lower	Upper
112	100		
64	63.6	51.5	77.3
63	37.4	30.4	45.6



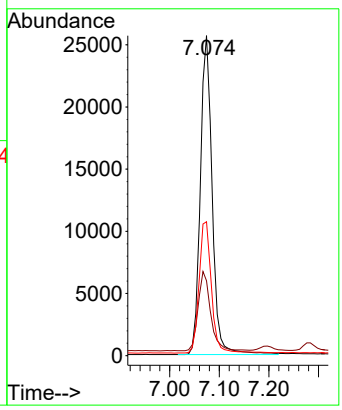


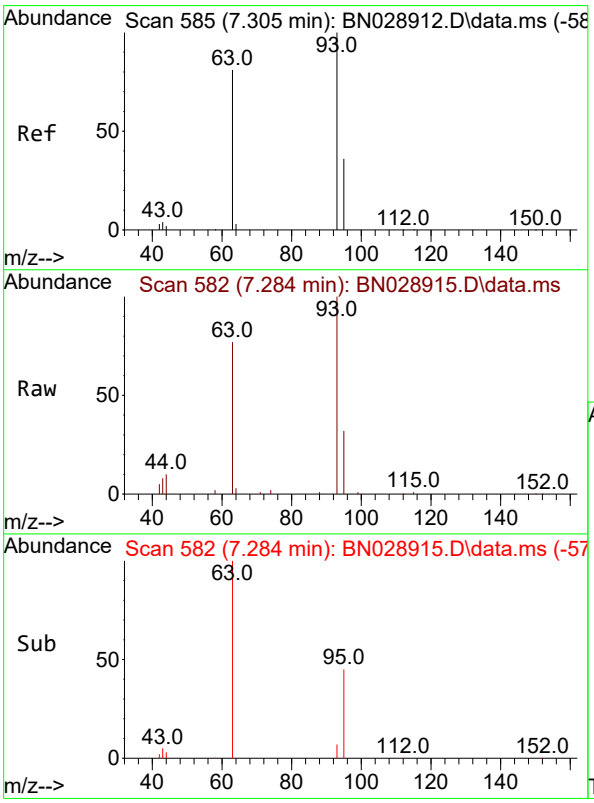
#5
Phenol-d6
Concen: 3.334 ng
RT: 7.074 min Scan# 5
Delta R.T. -0.029 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 42674

Ion	Ratio	Lower	Upper
99	100		
42	26.2	21.2	31.8
71	43.4	35.4	53.0

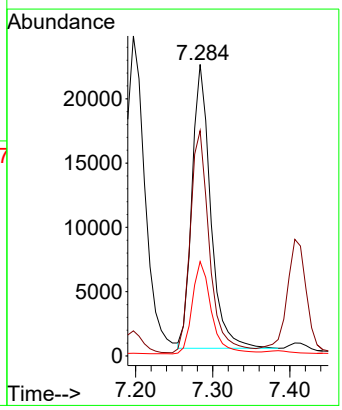


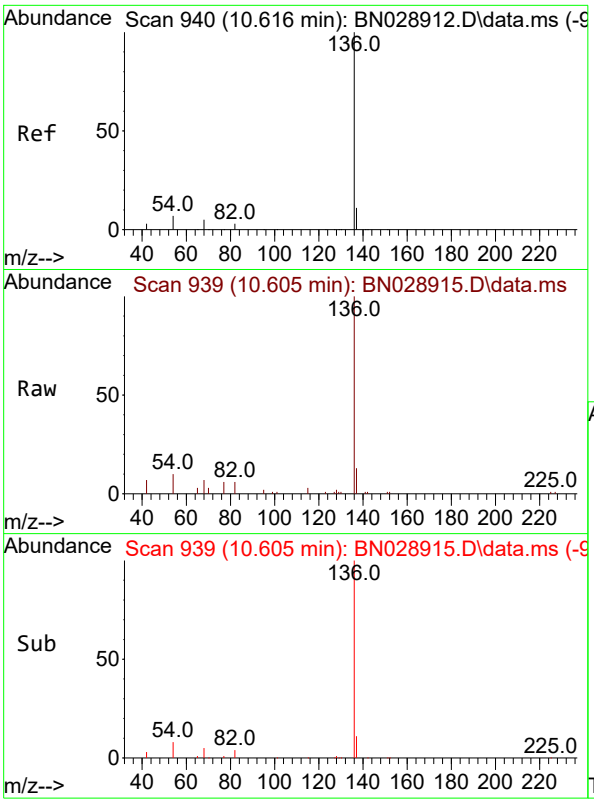


#6
bis(2-Chloroethyl)ether
Concen: 3.464 ng
RT: 7.284 min Scan# 582
Delta R.T. -0.022 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion: 93 Resp: 37123

Ion	Ratio	Lower	Upper
93	100		
63	80.8	66.9	100.3
95	33.3	28.2	42.4



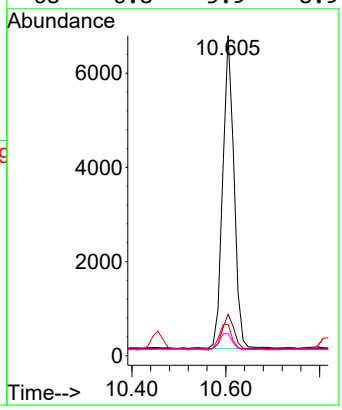


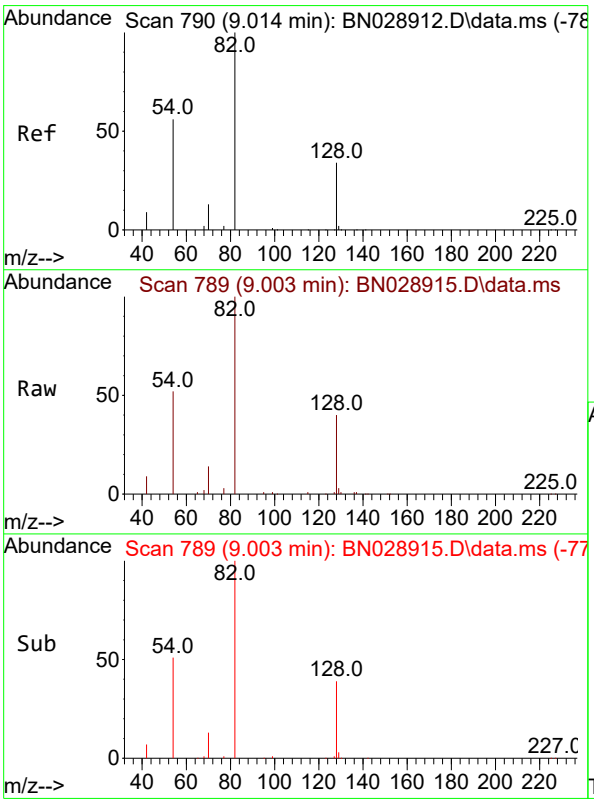
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 11069

Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.6	16.0
54	9.8	7.5	11.3
68	6.8	5.9	8.9

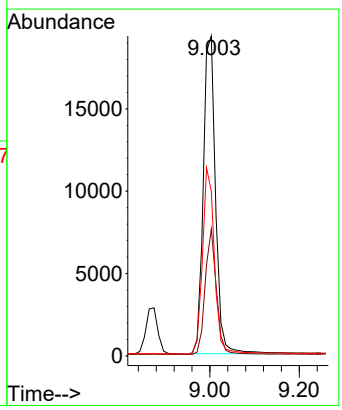


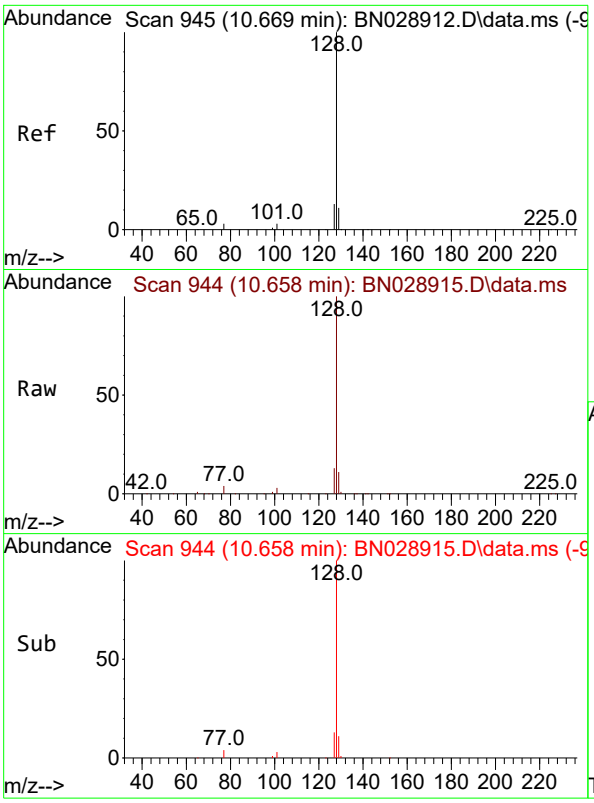


#8
Nitrobenzene-d5
Concen: 3.319 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion: 82 Resp: 36653

Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.2	43.8
54	51.5	47.0	70.6



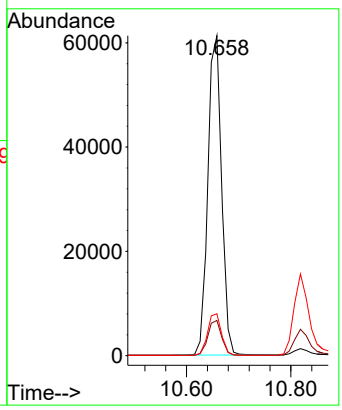


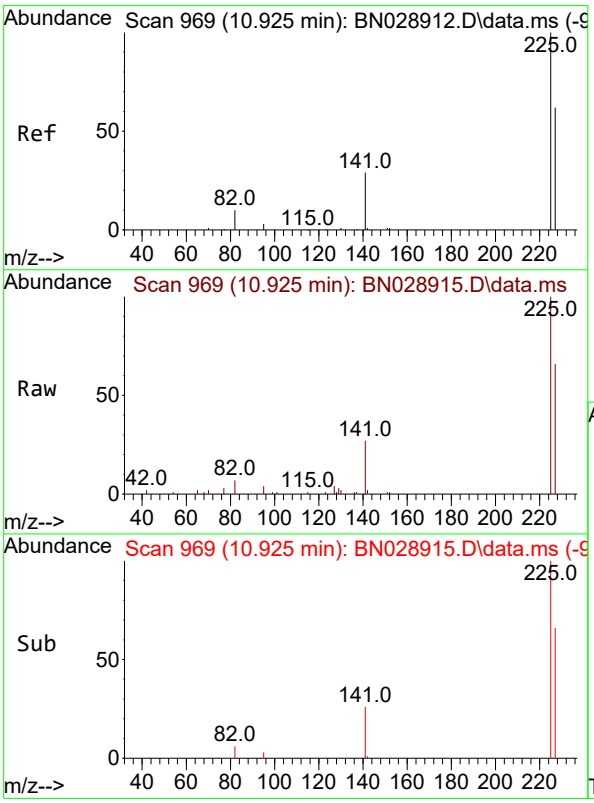
#9
Naphthalene
Concen: 3.116 ng
RT: 10.658 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 111312

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.1	11.0	16.4

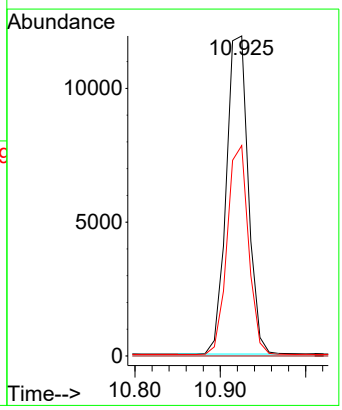


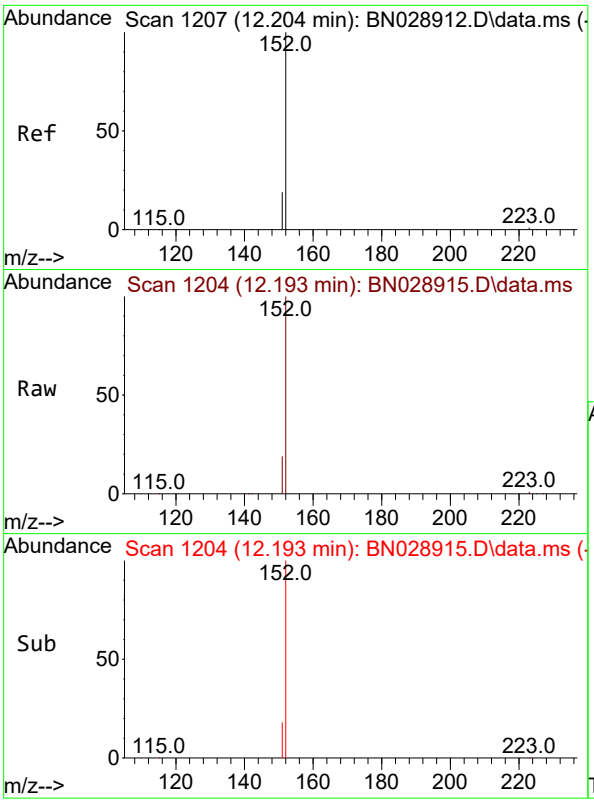


#10
Hexachlorobutadiene
Concen: 2.880 ng
RT: 10.925 min Scan# 969
Delta R.T. -0.000 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:225 Resp: 21213

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.6	76.0



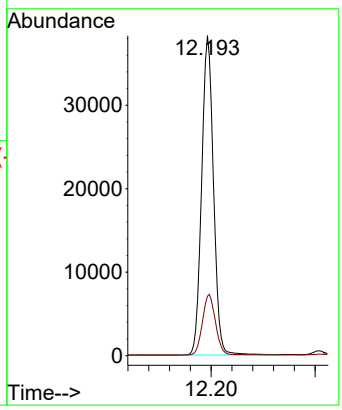


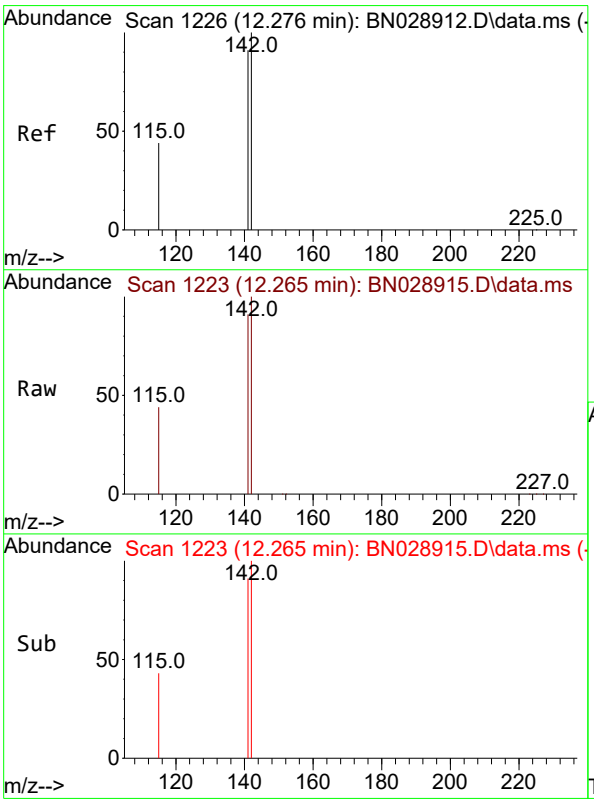
#11
2-Methylnaphthalene-d10
Concen: 3.396 ng
RT: 12.193 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 60570

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1

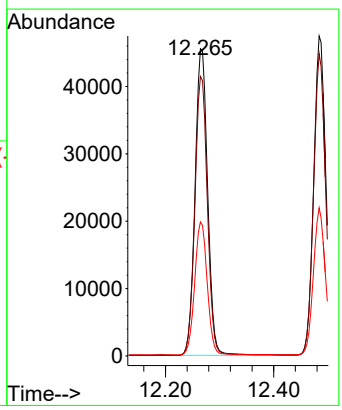


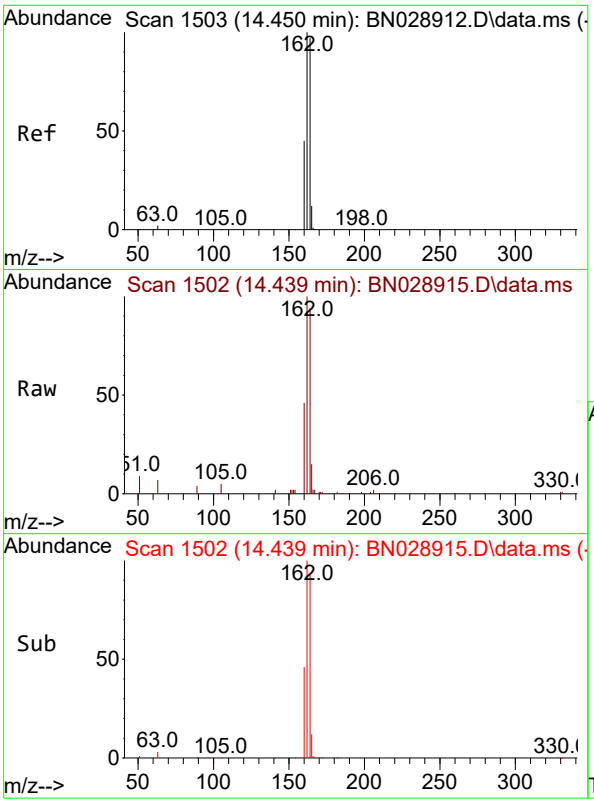


#12
2-Methylnaphthalene
Concen: 3.298 ng
RT: 12.265 min Scan# 1223
Delta R.T. -0.011 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:142 Resp: 73601

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.1	109.7
115	43.6	37.6	56.4



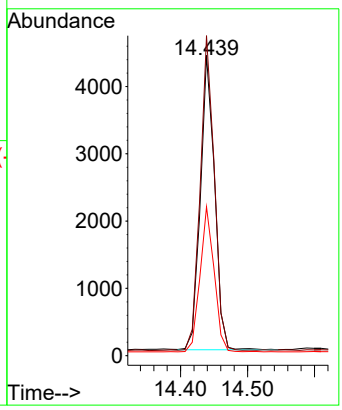


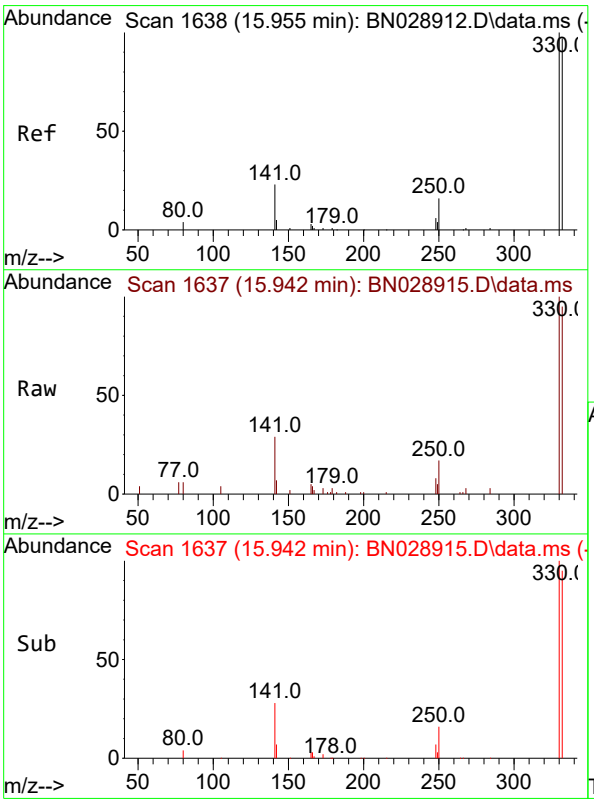
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.439 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 6444

Ion	Ratio	Lower	Upper
164	100		
162	106.6	81.7	122.5
160	49.6	37.0	55.6

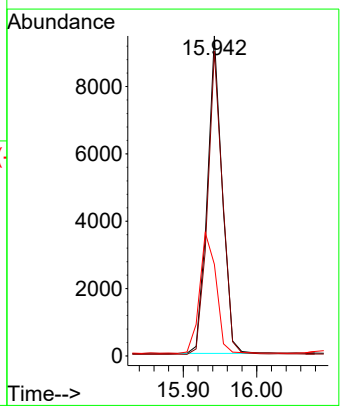


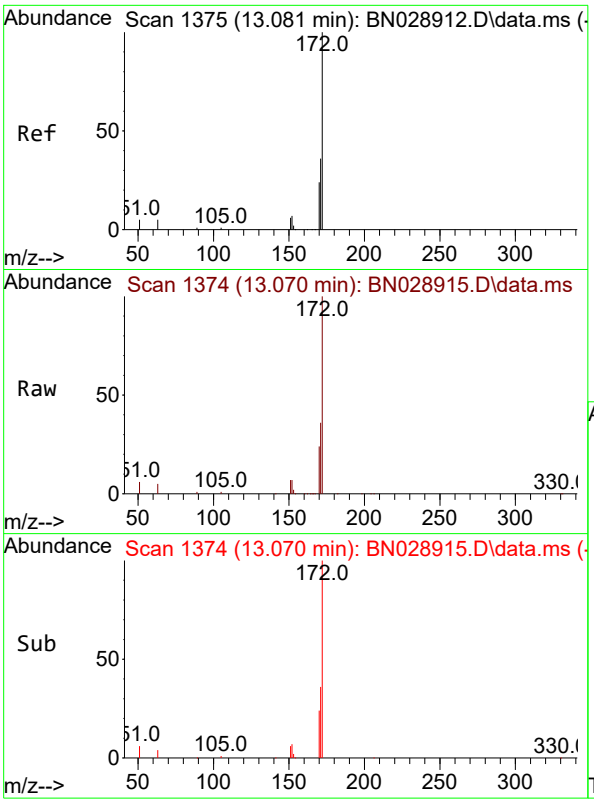


#14
2,4,6-Tribromophenol
Concen: 2.990 ng
RT: 15.942 min Scan# 1637
Delta R.T. -0.013 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:330 Resp: 13276

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	42.0	35.7	53.5



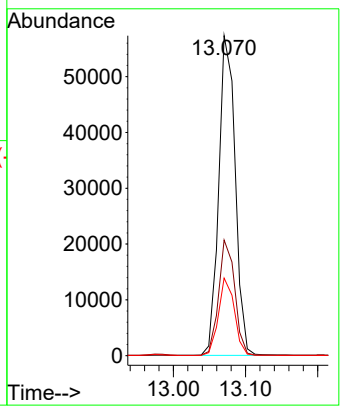


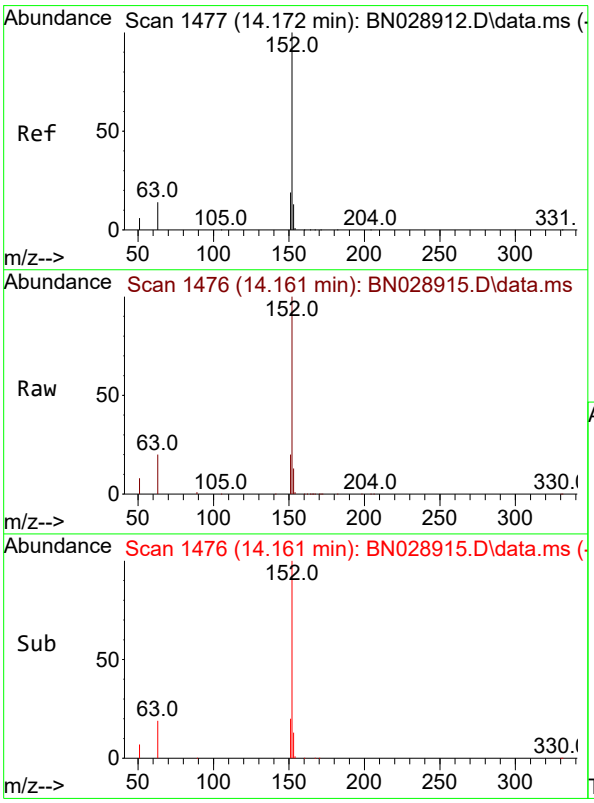
#15
2-Fluorobiphenyl
Concen: 3.229 ng
RT: 13.070 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 90737

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.2	19.7	29.5

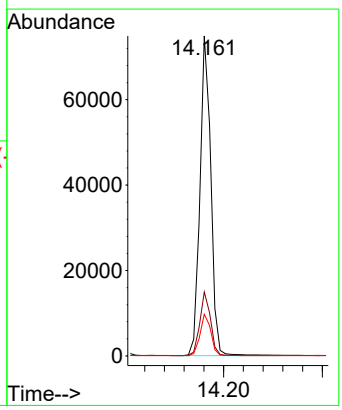


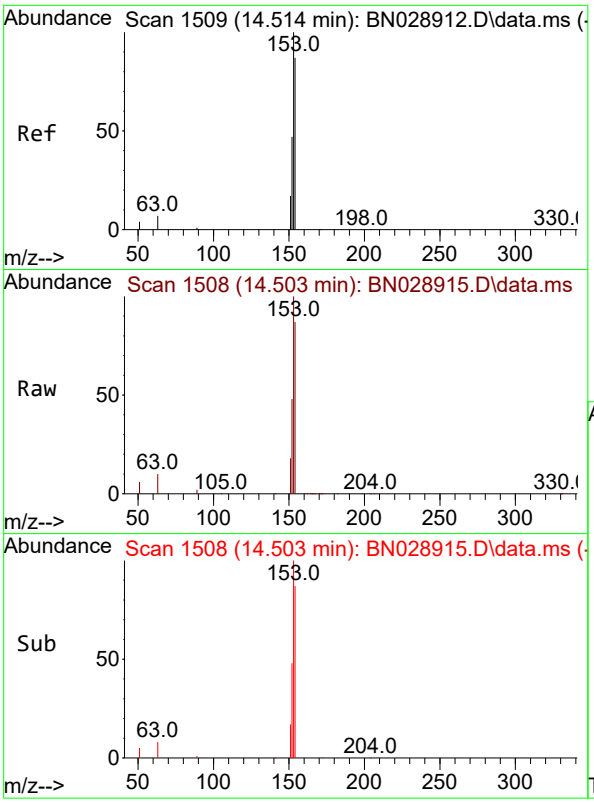


#16
Acenaphthylene
Concen: 3.332 ng
RT: 14.161 min Scan# 1476
Delta R.T. -0.011 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:152 Resp: 114007

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.0	10.8	16.2



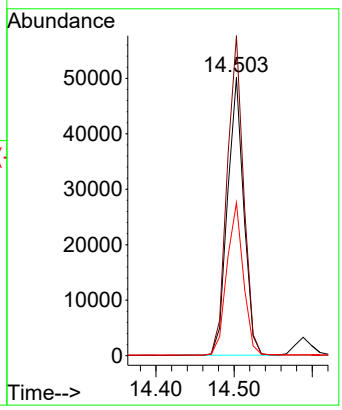


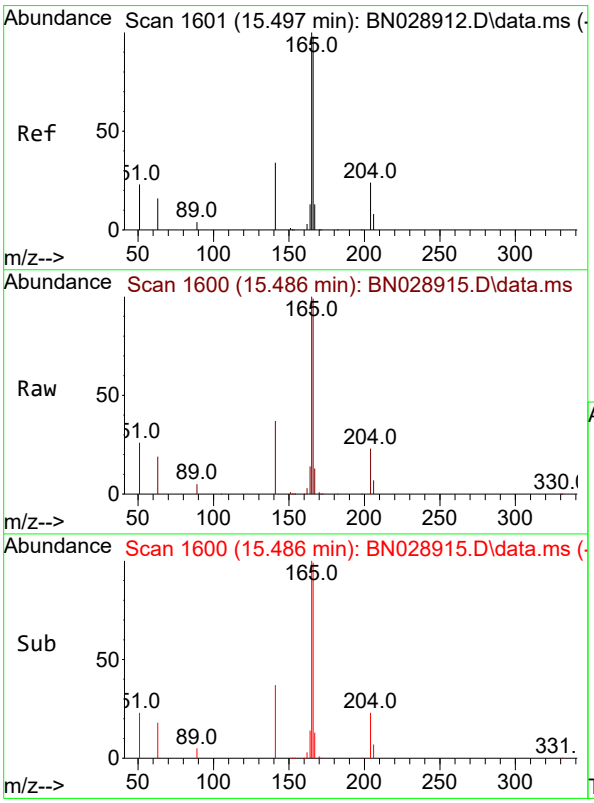
#17
Acenaphthene
Concen: 3.155 ng
RT: 14.503 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 72302

Ion	Ratio	Lower	Upper
154	100		
153	116.3	93.8	140.6
152	55.8	44.5	66.7

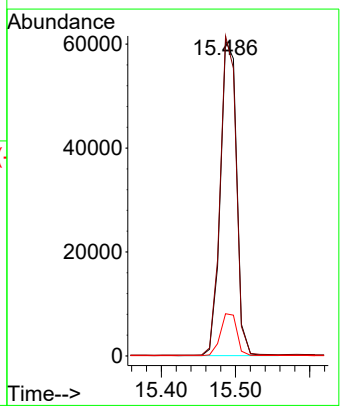


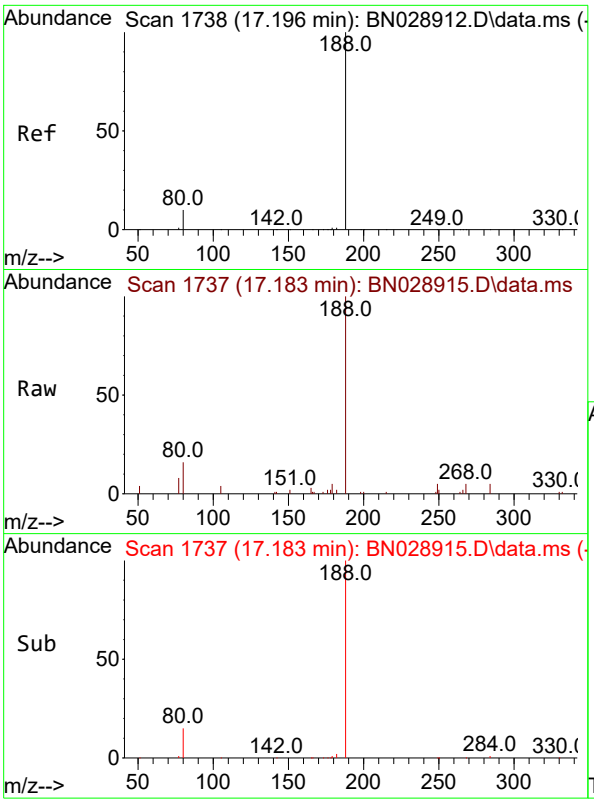


#18
Fluorene
Concen: 3.361 ng
RT: 15.486 min Scan# 1600
Delta R.T. -0.011 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:166 Resp: 96519

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.4	119.2
167	13.5	11.0	16.4



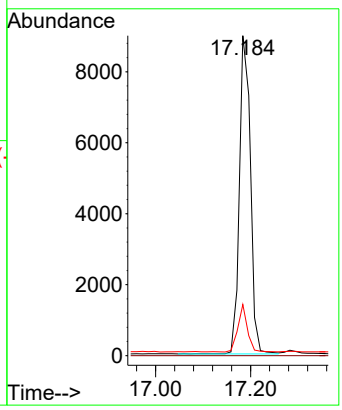


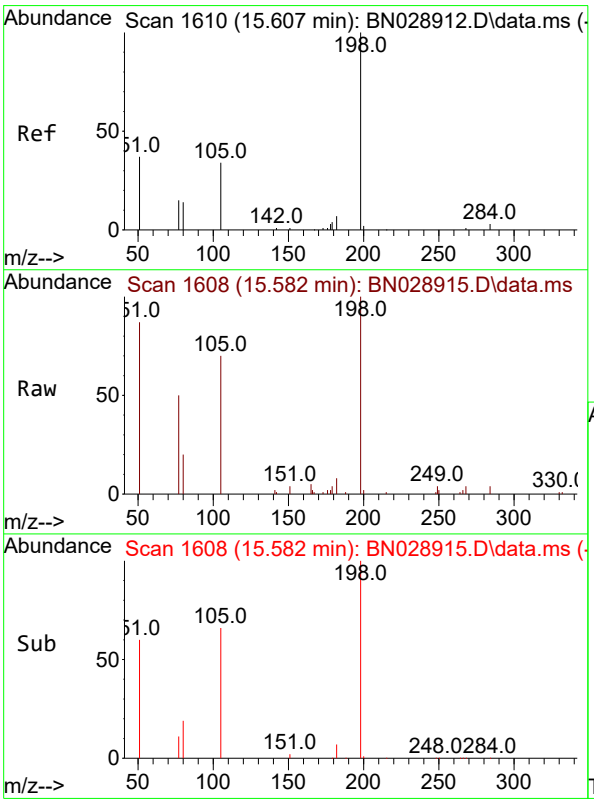
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.183 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 14420

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.0	9.0	13.6#

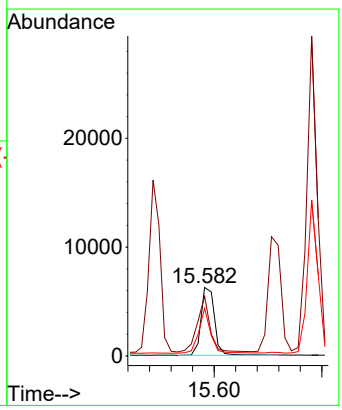


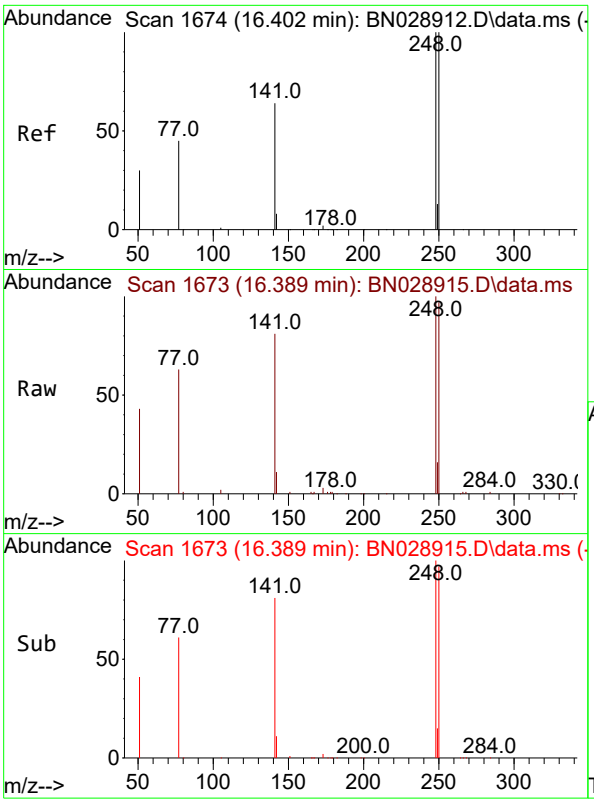


#20
4,6-Dinitro-2-methylphenol
Concen: 3.464 ng
RT: 15.582 min Scan# 1608
Delta R.T. -0.025 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:198 Resp: 10852

Ion	Ratio	Lower	Upper
198	100		
51	87.0	76.2	114.4
105	69.6	64.9	97.3



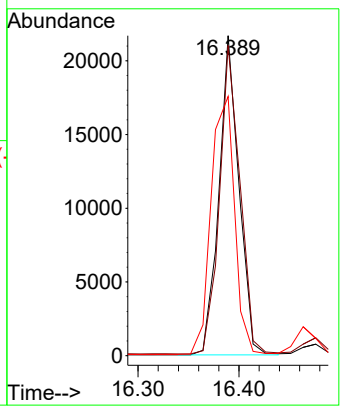


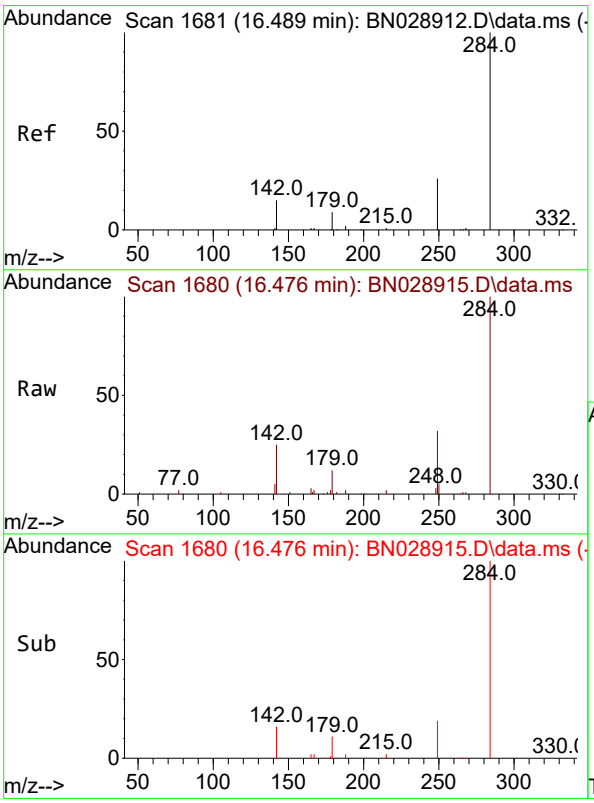
#21
4-Bromophenyl-phenylether
Concen: 2.948 ng
RT: 16.389 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 29789

Ion	Ratio	Lower	Upper
248	100		
250	96.9	83.5	125.3
141	81.0	52.9	79.3#

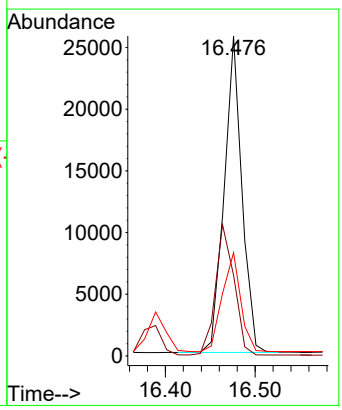


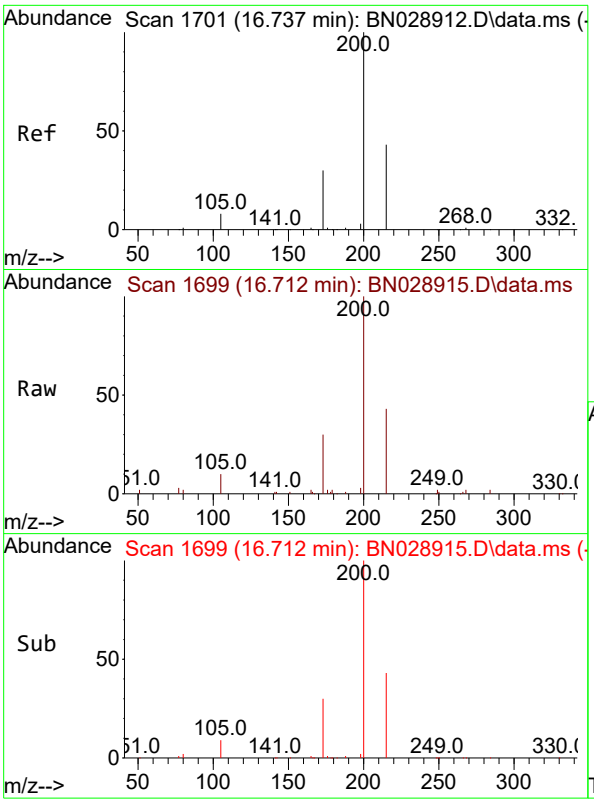


#22
Hexachlorobenzene
Concen: 2.829 ng
RT: 16.476 min Scan# 1680
Delta R.T. -0.013 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:284 Resp: 35227

Ion	Ratio	Lower	Upper
284	100		
142	43.2	34.1	51.1
249	32.6	25.7	38.5



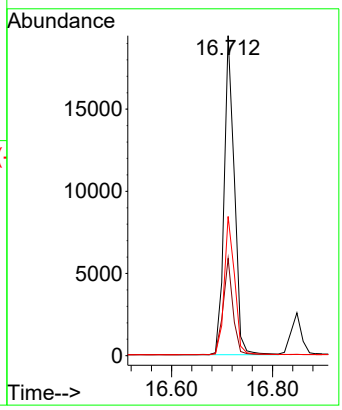


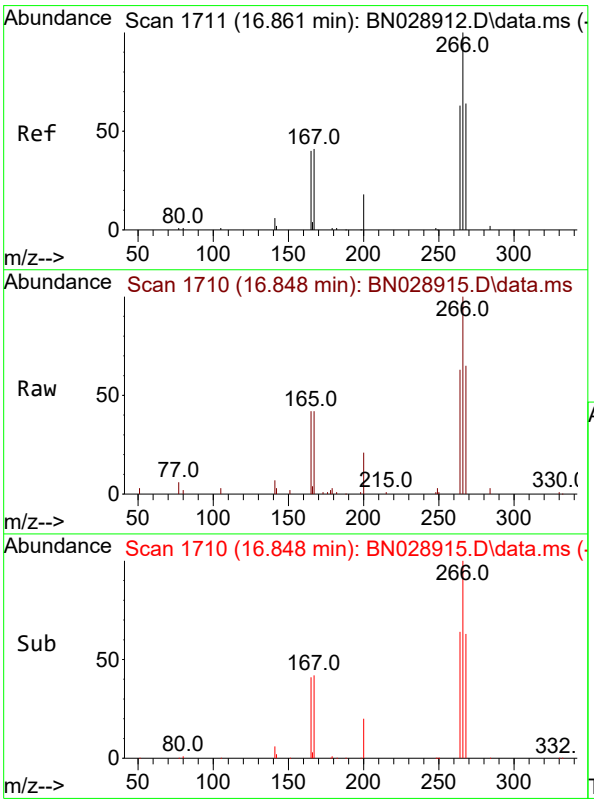
#23
Atrazine
Concen: 3.110 ng
RT: 16.712 min Scan# 1(
Delta R.T. -0.025 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:200 Resp: 27200

Ion	Ratio	Lower	Upper
200	100		
173	30.4	26.2	39.4
215	43.5	35.8	53.6

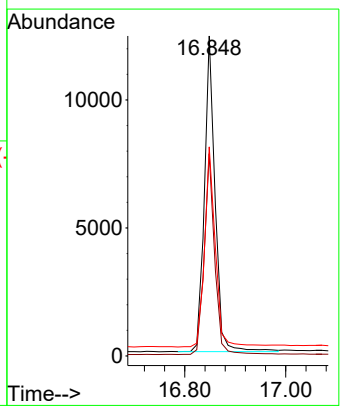


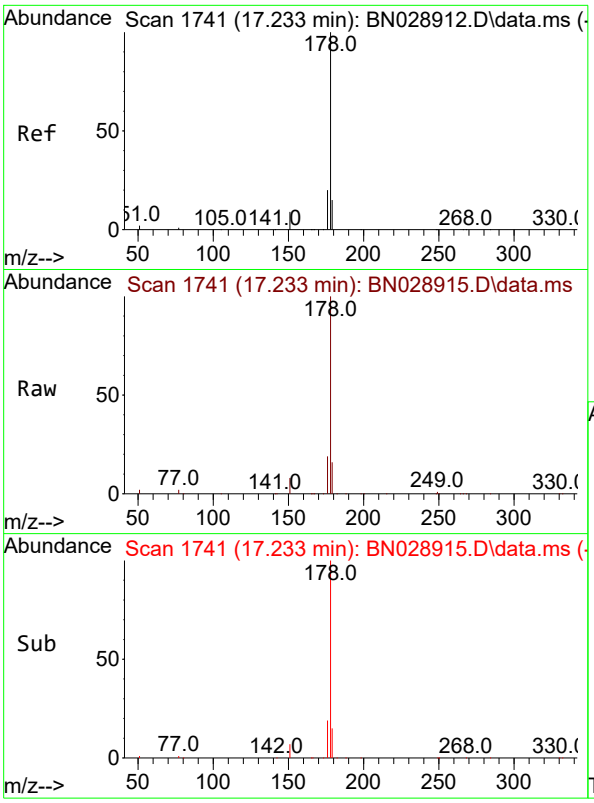


#24
Pentachlorophenol
Concen: 3.188 ng
RT: 16.848 min Scan# 1710
Delta R.T. -0.013 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:266 Resp: 18173

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.7	76.1
268	64.2	54.9	82.3



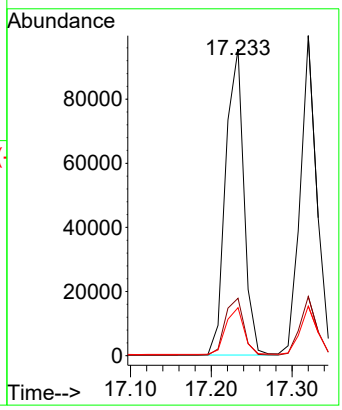


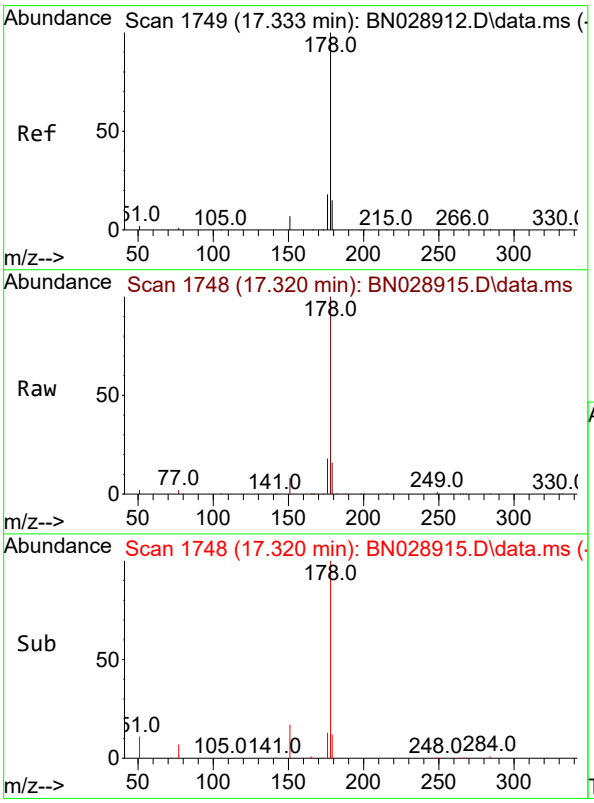
#25
Phenanthrene
Concen: 3.104 ng
RT: 17.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 149658

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.4	24.6
179	15.3	14.1	21.1

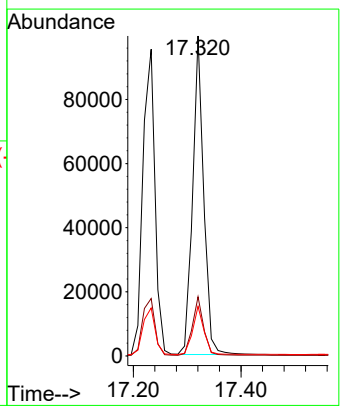


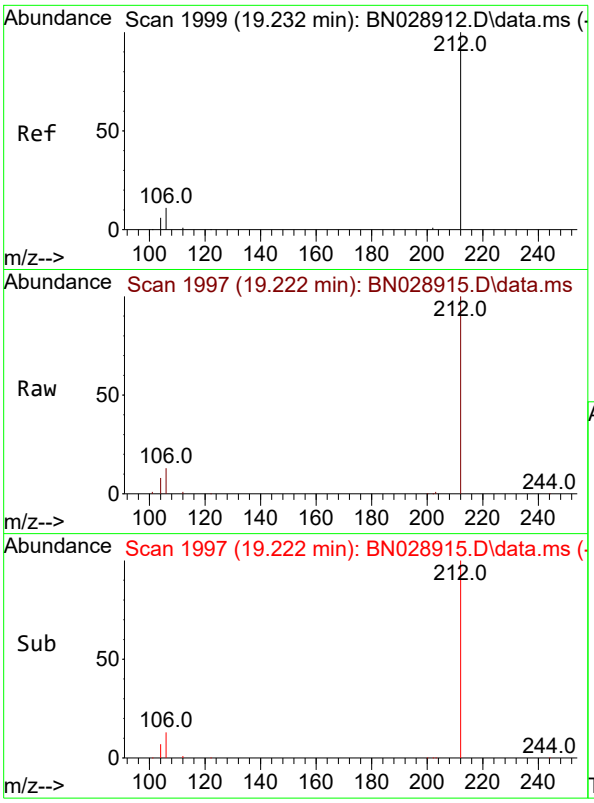


#26
Anthracene
Concen: 3.210 ng
RT: 17.320 min Scan# 1748
Delta R.T. -0.013 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:178 Resp: 142225

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.3	12.2	18.2



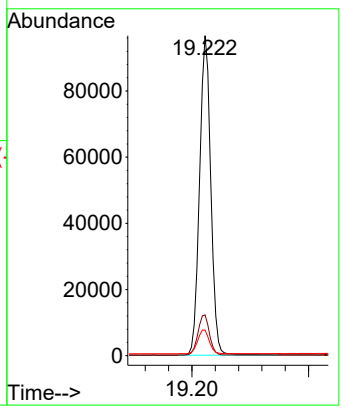


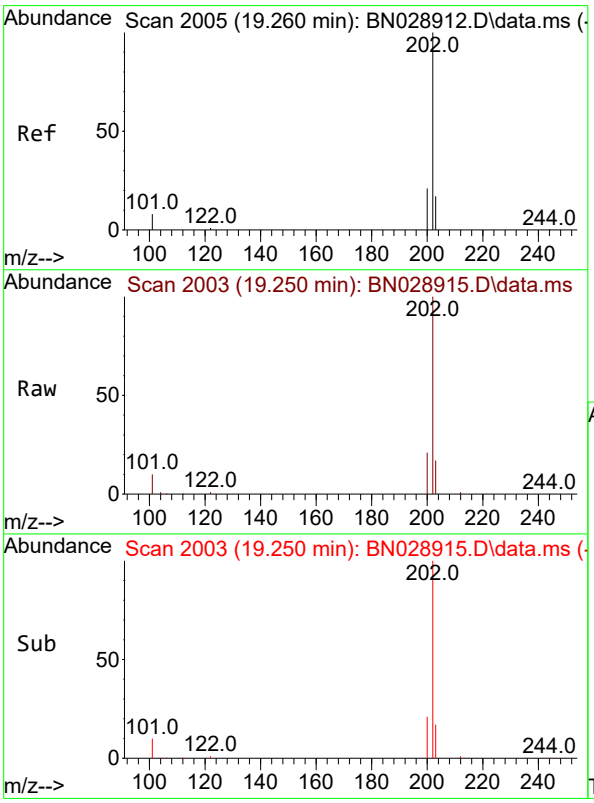
#27
Fluoranthene-d10
Concen: 3.455 ng
RT: 19.222 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 129463

Ion	Ratio	Lower	Upper
212	100		
106	12.9	9.4	14.2
104	7.7	6.2	9.2

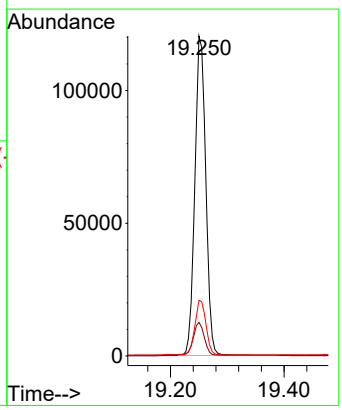


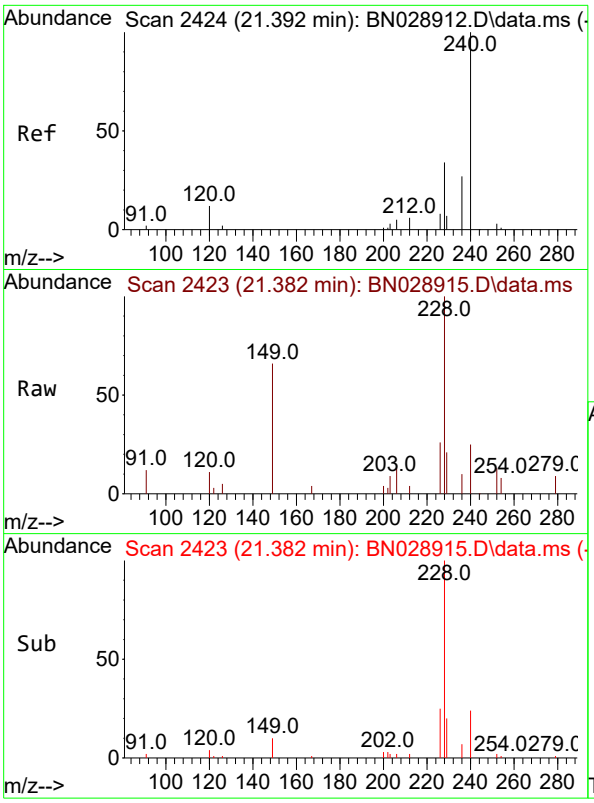


#28
Fluoranthene
Concen: 3.261 ng
RT: 19.250 min Scan# 2003
Delta R.T. -0.009 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:202 Resp: 160825

Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.3	10.9
203	17.1	14.1	21.1



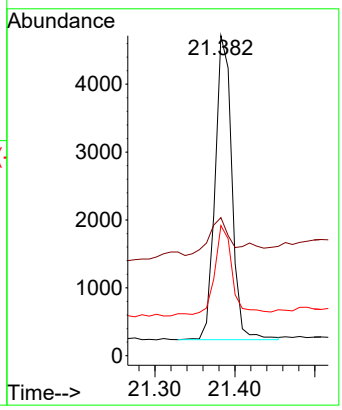


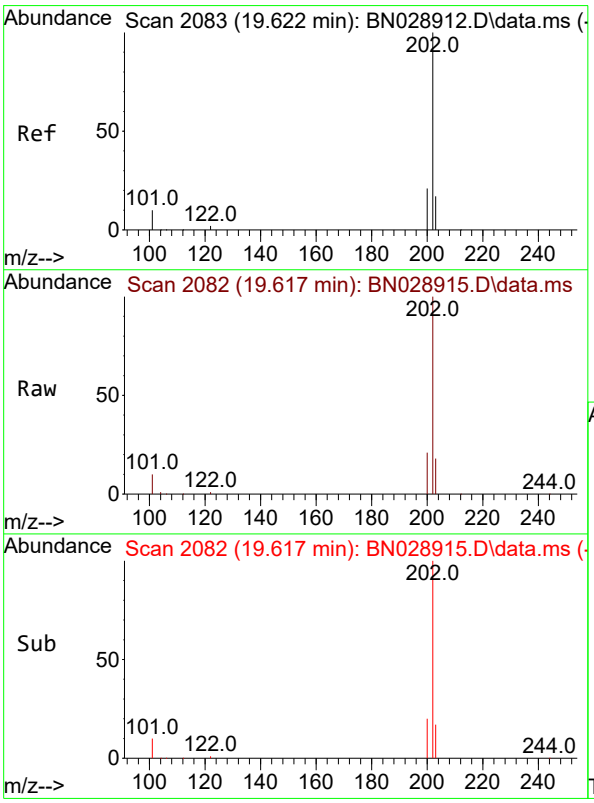
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.382 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 6510

Ion	Ratio	Lower	Upper
240	100		
120	43.2	37.1	55.7
236	40.7	32.4	48.6

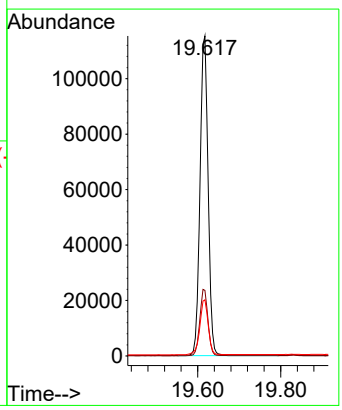


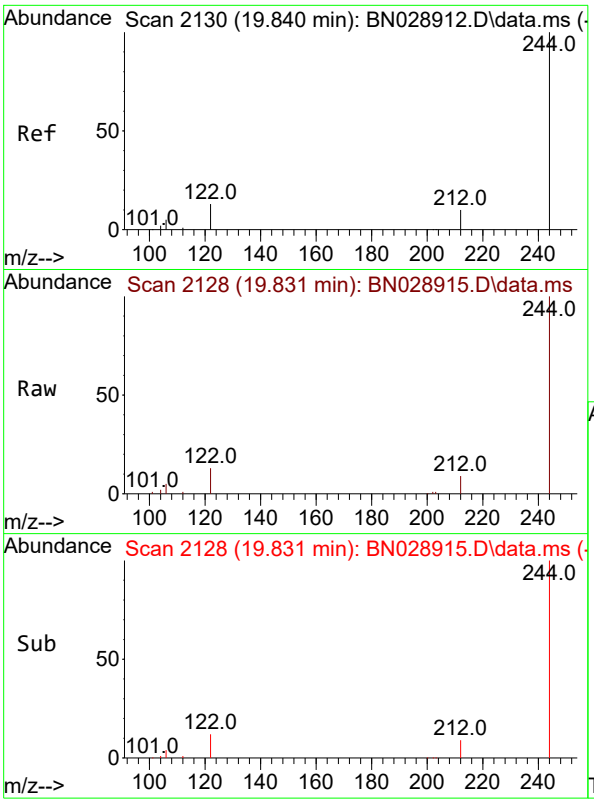


#30
Pyrene
Concen: 4.210 ng
RT: 19.617 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:202 Resp: 156911

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	18.0	14.8	22.2



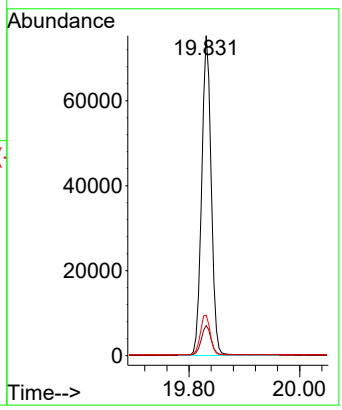


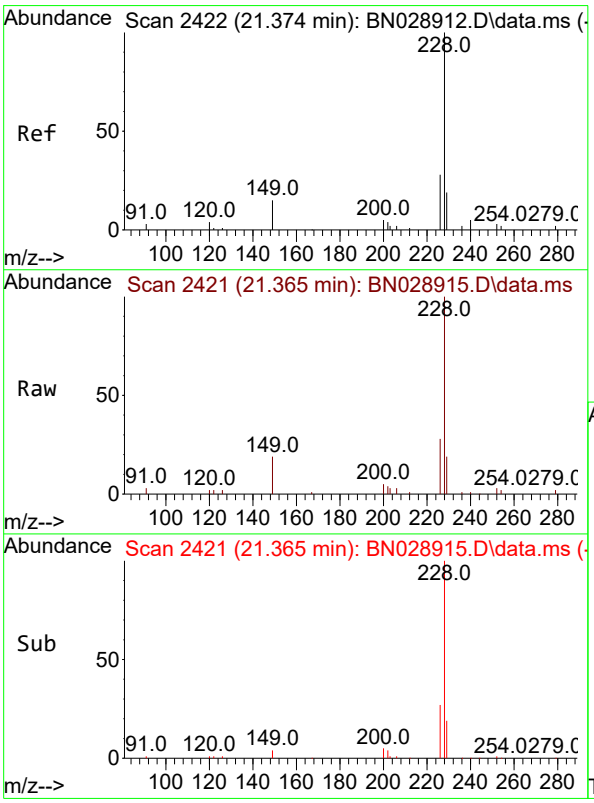
#31
Terphenyl-d14
Concen: 4.395 ng
RT: 19.831 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 90244

Ion	Ratio	Lower	Upper
244	100		
212	9.4	11.5	17.3#
122	12.7	13.2	19.8#

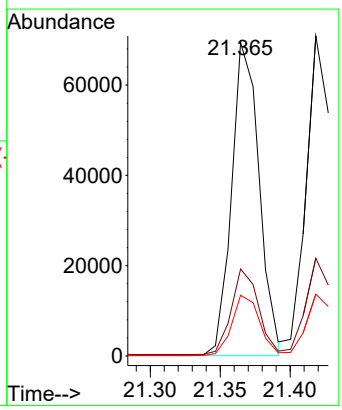


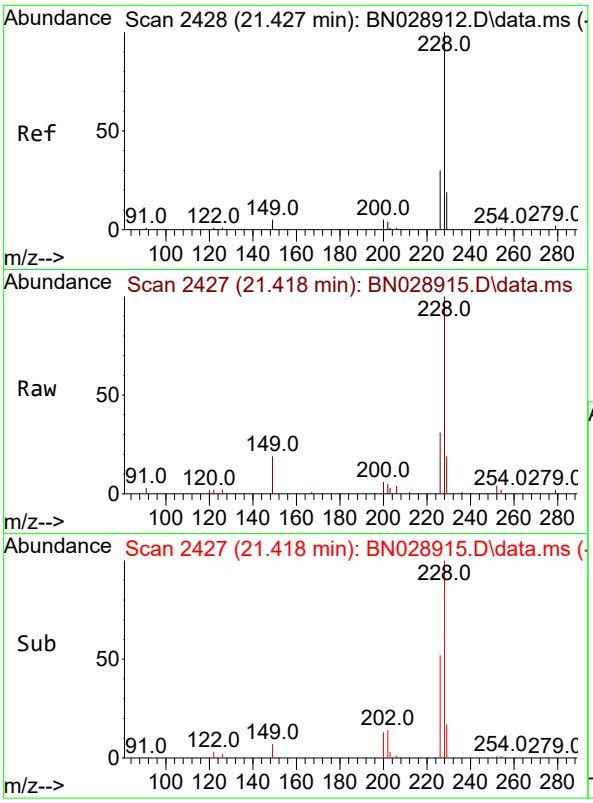


#32
Benzo(a)anthracene
Concen: 3.424 ng
RT: 21.365 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:228 Resp: 94897

Ion	Ratio	Lower	Upper
228	100		
226	27.8	26.5	39.7
229	19.4	16.4	24.6



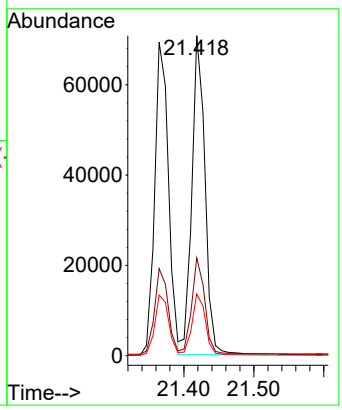


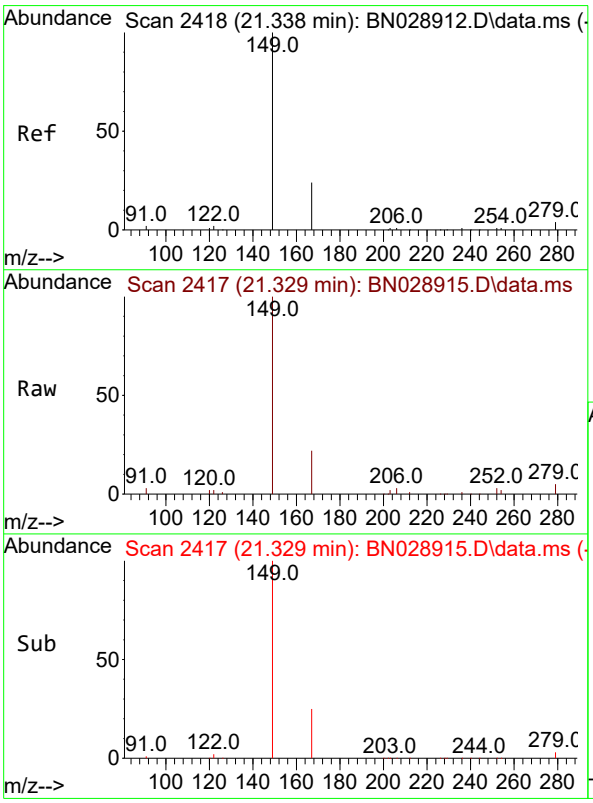
#33
Chrysene
Concen: 3.366 ng
RT: 21.418 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 92052

Ion	Ratio	Lower	Upper
228	100		
226	30.6	28.3	42.5
229	19.3	16.4	24.6

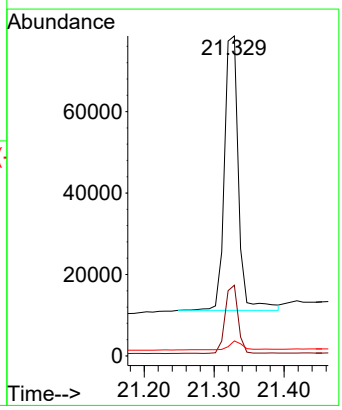


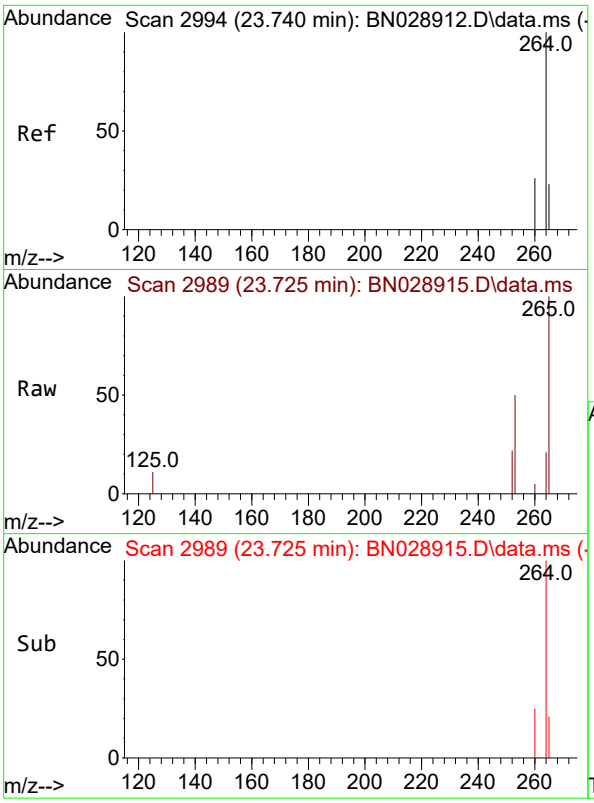


#34
Bis(2-ethylhexyl)phthalate
Concen: 2.037 ng
RT: 21.329 min Scan# 2417
Delta R.T. -0.009 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:149 Resp: 93982

Ion	Ratio	Lower	Upper
149	100		
167	22.8	14.9	22.3#
279	3.0	6.3	9.5#



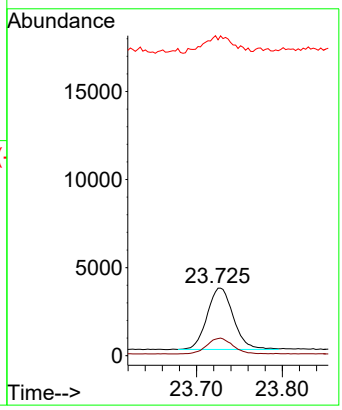


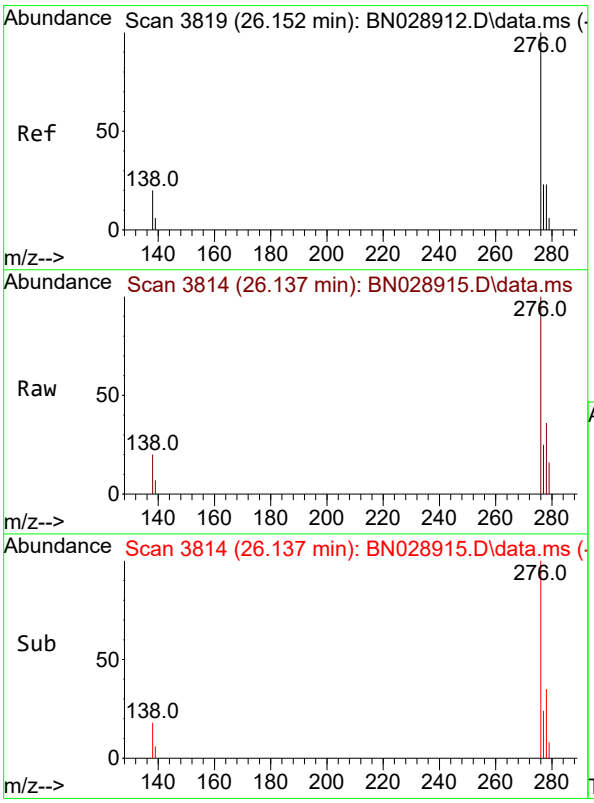
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.725 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 7399

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	467.8	464.5	696.7

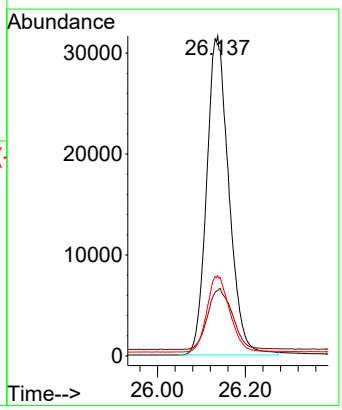


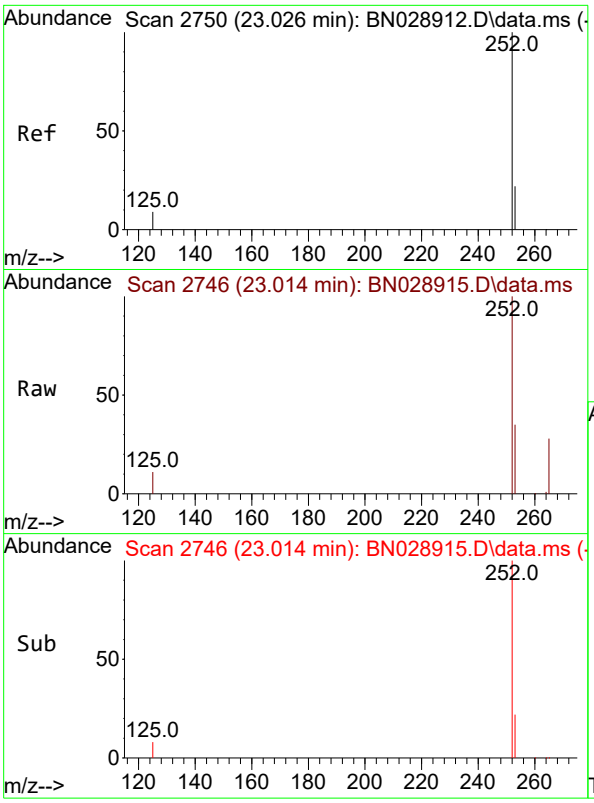


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.429 ng
RT: 26.137 min Scan# 3814
Delta R.T. -0.015 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:276 Resp: 110896

Ion	Ratio	Lower	Upper
276	100		
138	21.1	20.9	31.3
277	24.5	20.2	30.4



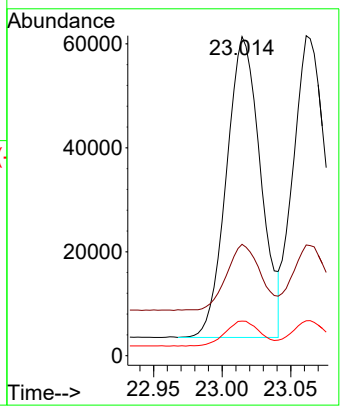


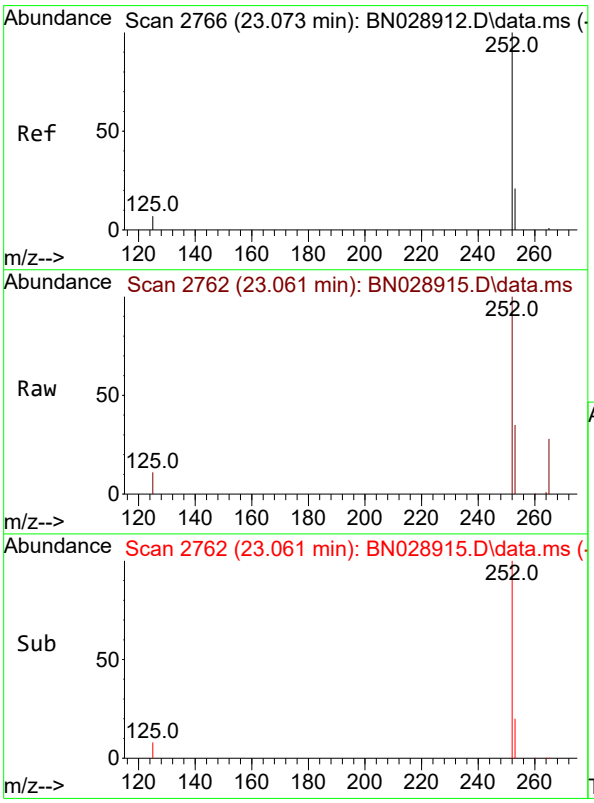
#37
Benzo(b)fluoranthene
Concen: 3.296 ng
RT: 23.014 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 100305

Ion	Ratio	Lower	Upper
252	100		
253	34.9	94.5	141.7#
125	10.8	23.8	35.8#

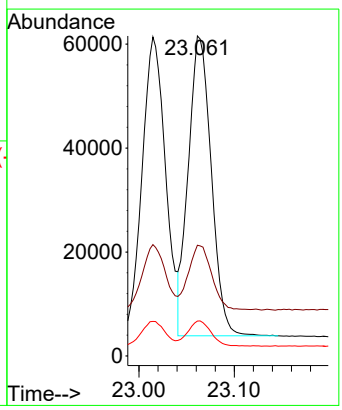


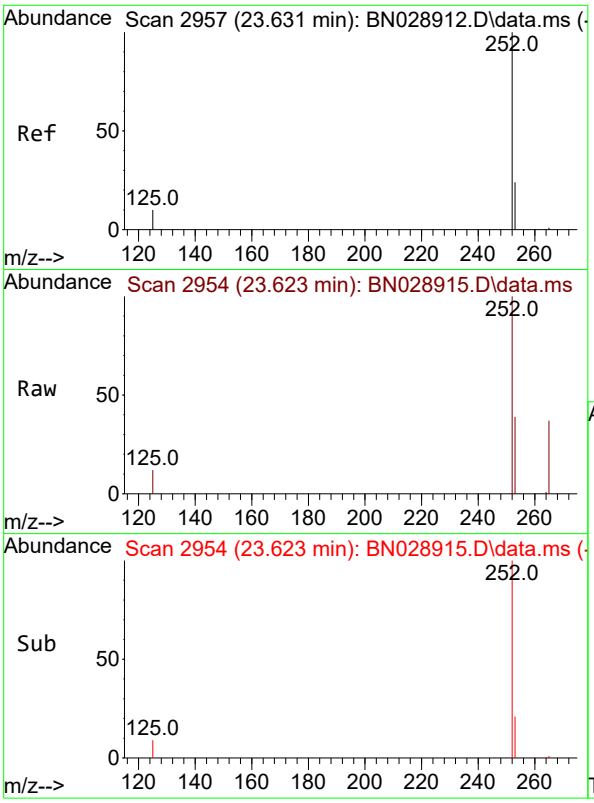


#38
Benzo(k)fluoranthene
Concen: 3.377 ng
RT: 23.061 min Scan# 2762
Delta R.T. -0.012 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:252 Resp: 96578

Ion	Ratio	Lower	Upper
252	100		
253	34.6	95.2	142.8#
125	10.9	24.3	36.5#



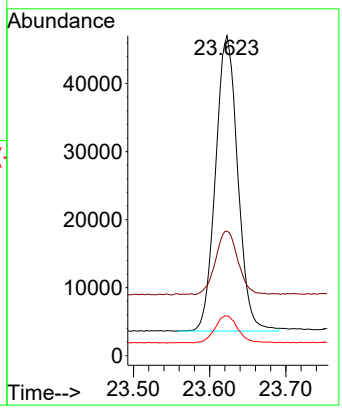


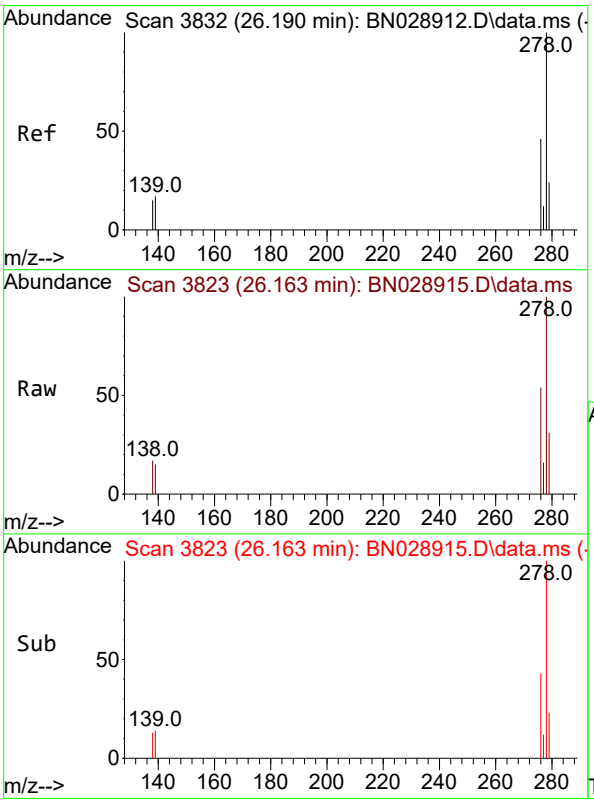
#39
Benzo(a)pyrene
Concen: 3.235 ng
RT: 23.623 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 88035

Ion	Ratio	Lower	Upper
252	100		
253	38.9	110.2	165.4#
125	12.4	27.0	40.4#

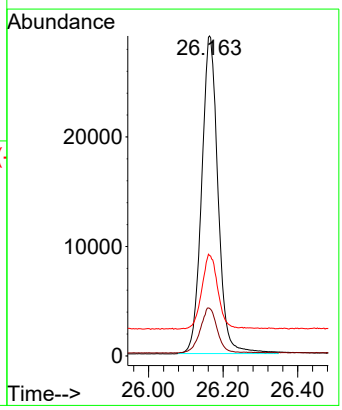


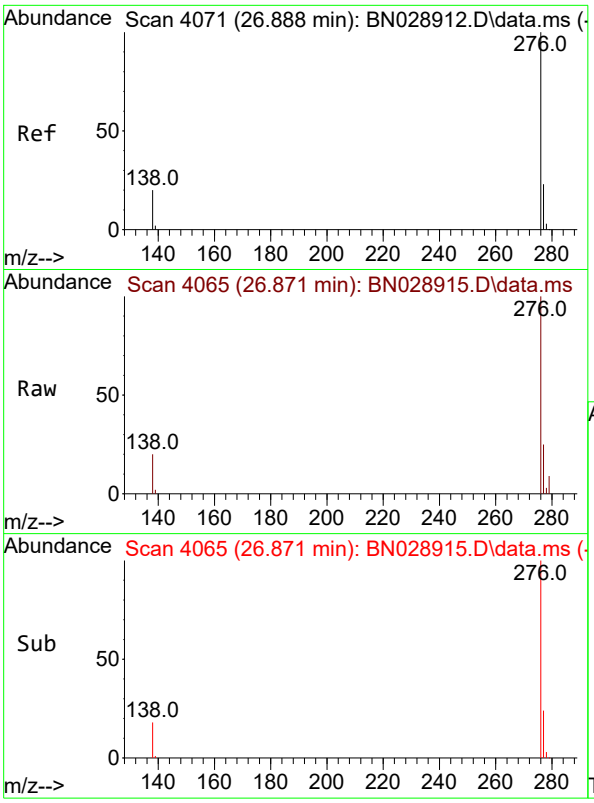


#40
Dibenzo(a,h)anthracene
Concen: 3.552 ng
RT: 26.163 min Scan# 3823
Delta R.T. -0.026 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Tgt Ion:278 Resp: 88491

Ion	Ratio	Lower	Upper
278	100		
139	14.9	22.6	33.8#
279	31.4	102.6	153.8#





#41
Benzo(g,h,i)perylene
Concen: 3.344 ng
RT: 26.871 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN028915.D
Acq: 30 Nov 2023 18:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 94535

Ion	Ratio	Lower	Upper
276	100		
277	24.8	28.9	43.3#
138	19.9	36.2	54.2#