Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120722\
Data File : BN023082.D
Acq On : 07 Dec 2022 11:22
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Dec 08 02:18:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 02:17:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.020	152	6454	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	19572	0.400	ng		0.00
13) Acenaphthene-d10	14.666	164	11001	0.400	ng		0.00
19) Phenanthrene-d10	17.414	188	25324	0.400	ng		0.00
29) Chrysene-d12	21.598	240	20631	0.400	ng		0.00
35) Perylene-d12	24.062	264	18911	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.558	112	1667	0.110	ng		0.00
5) Phenol-d6	7.168	99	1988	0.103	ng		0.00
8) Nitrobenzene-d5	9.185	82	1461	0.100	ng		0.00
11) 2-Methylnaphthalene-d10	12.427	152	3048	0.078	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	412	0.088	ng		0.00
15) 2-Fluorobiphenyl	13.298	172	5150	0.106	ng		0.00
27) Fluoranthene-d10	19.439	212	6492	0.093	ng		0.00
31) Terphenyl-d14	20.031	244	4124	0.097	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	841	0.104	ng		92
3) n-Nitrosodimethylamine	3.738	42	712	0.088	ng	#	97
6) bis(2-Chloroethyl)ether	7.443	93	2290	0.111	ng		96
9) Naphthalene	10.893	128	5954	0.102	ng		97
10) Hexachlorobutadiene	11.181	225	1144	0.105	ng	#	100
12) 2-Methylnaphthalene	12.117	142	840	0.082	ng	#	73
16) Acenaphthylene	14.388	152	4647	0.090	ng		100
17) Acenaphthene	14.730	154	3701	0.099	ng		100
18) Fluorene	15.714	166	4079	0.090	ng		97
20) 4,6-Dinitro-2-methylph...	15.776	198	312	0.093	ng	#	63
21) 4-Bromophenyl-phenylether	16.608	248	1485	0.095	ng		98
22) Hexachlorobenzene	16.719	284	1983	0.100	ng		98
23) Atrazine	16.868	200	982	0.088	ng		94
24) Pentachlorophenol	17.054	266	586	0.107	ng		99
25) Phenanthrene	17.452	178	8608	0.100	ng		99
26) Anthracene	17.538	178	6168	0.089	ng		99
28) Fluoranthene	19.469	202	8554	0.091	ng		100
30) Pyrene	19.831	202	8696	0.098	ng		100
32) Benzo(a)anthracene	21.580	228	7218	0.094	ng		99
33) Chrysene	21.634	228	9099	0.107	ng		98
34) Bis(2-ethylhexyl)phtha...	21.500	149	3326	0.102	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.635	276	9725	0.095	ng		100
37) Benzo(b)fluoranthene	23.308	252	8303	0.095	ng	#	78
38) Benzo(k)fluoranthene	23.354	252	8134	0.092	ng	#	84
39) Benzo(a)pyrene	23.951	252	7339	0.104	ng	#	64
40) Dibenzo(a,h)anthracene	26.655	278	7400	0.092	ng	#	90
41) Benzo(g,h,i)perylene	27.430	276	7562	0.090	ng		96

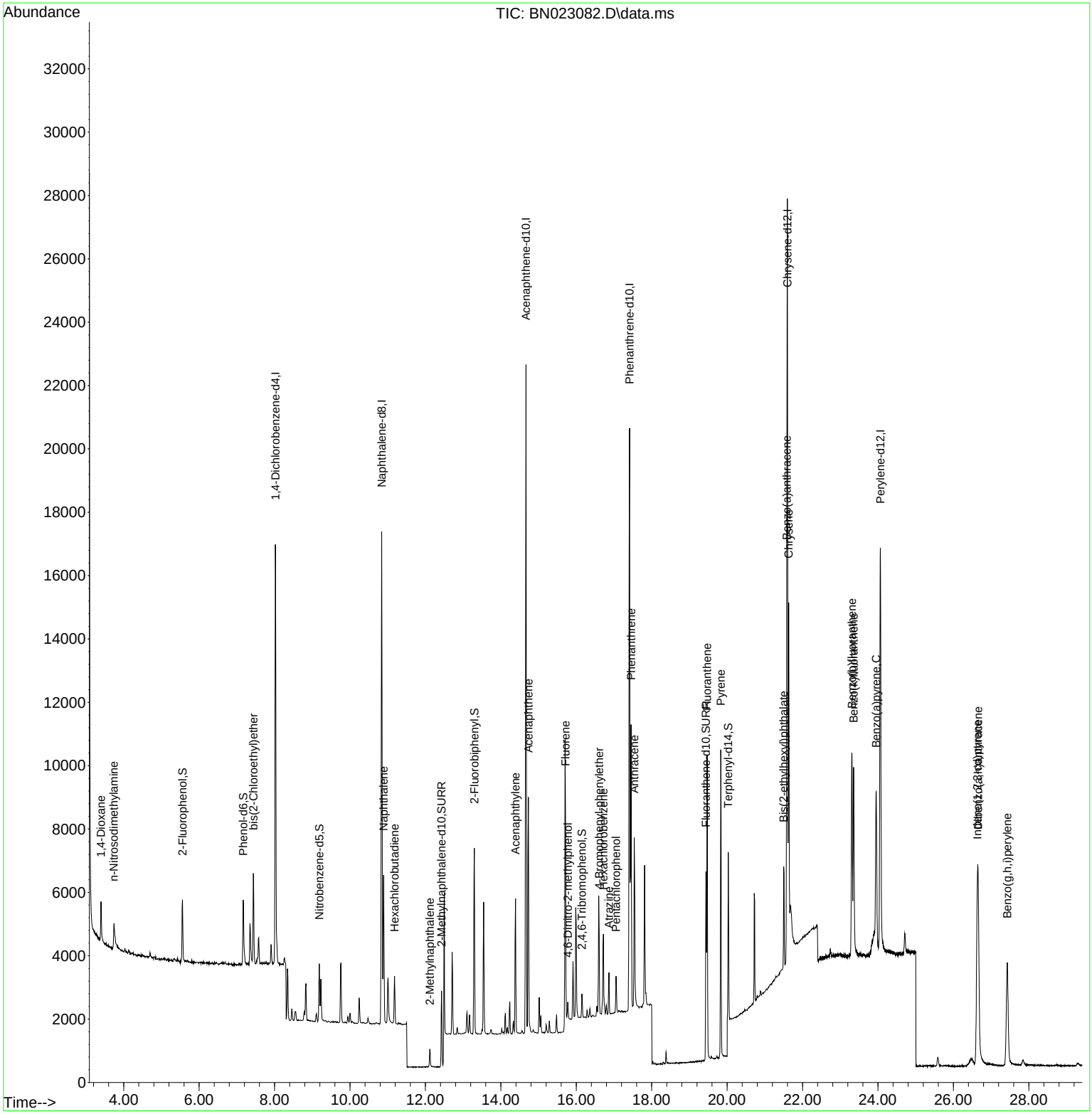
(#) = qualifier out of range (m) = manual integration (+) = signals summed

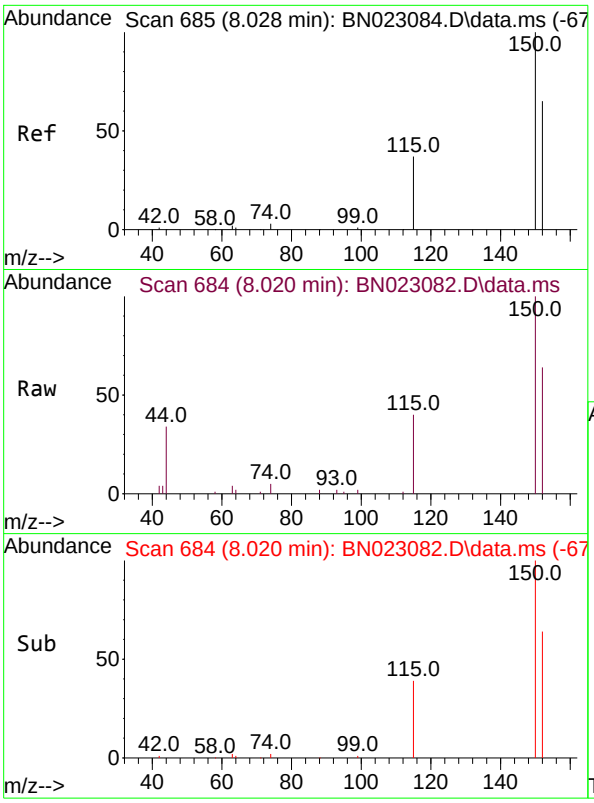
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120722\
Data File : BN023082.D
Acq On : 07 Dec 2022 11:22
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Dec 08 02:18:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 02:17:45 2022
Response via : Initial Calibration



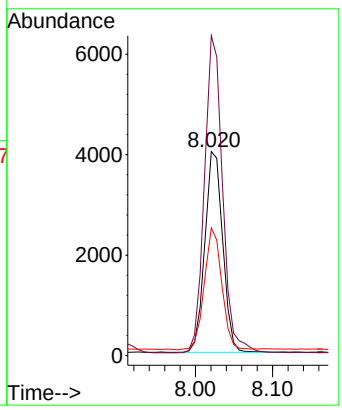


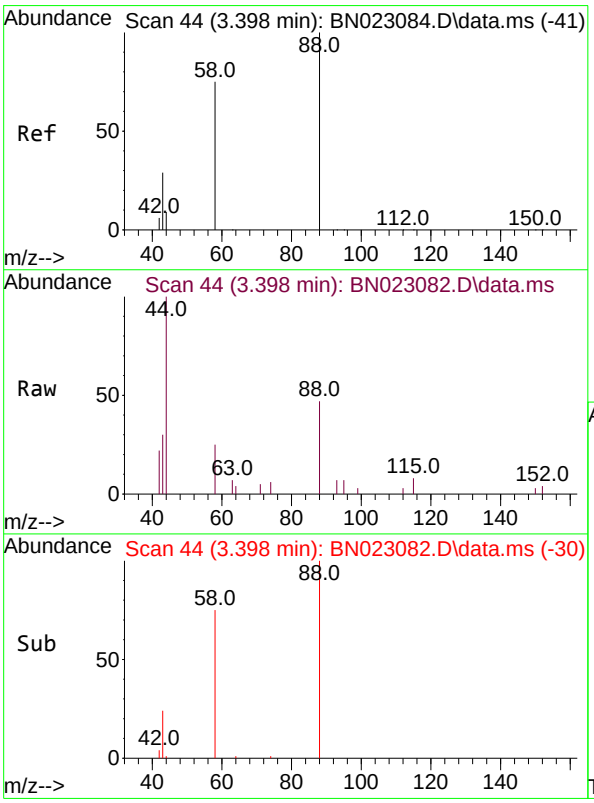
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.020 min Scan# 68
Delta R.T. -0.008 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 6454

Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.2	184.8
115	62.6	47.0	70.6

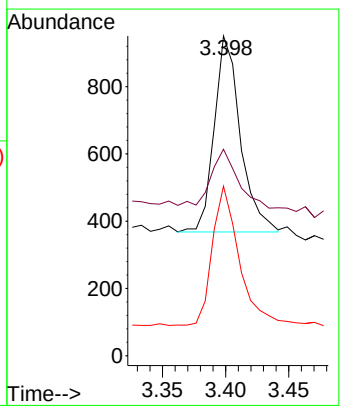


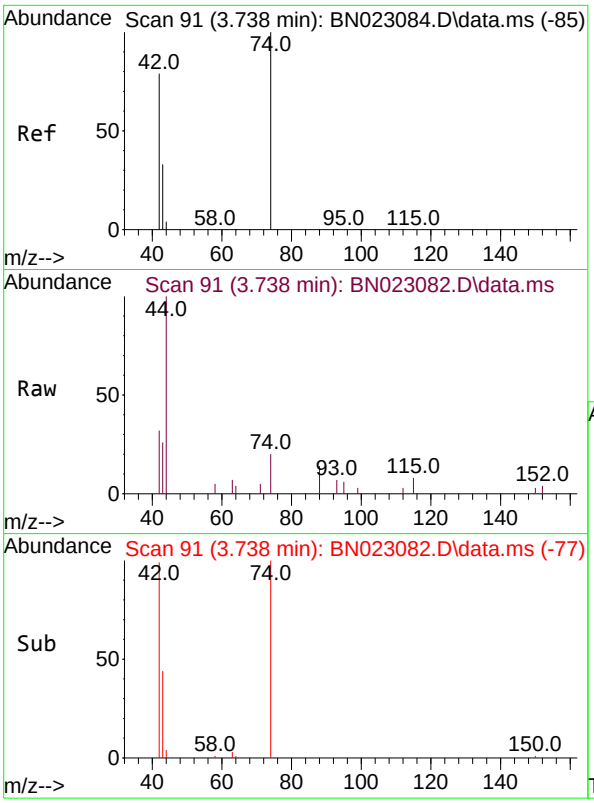


#2
1,4-Dioxane
Concen: 0.104 ng
RT: 3.398 min Scan# 44
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion: 88 Resp: 841

Ion	Ratio	Lower	Upper
88	100		
43	31.2	21.3	31.9
58	72.4	53.0	79.4



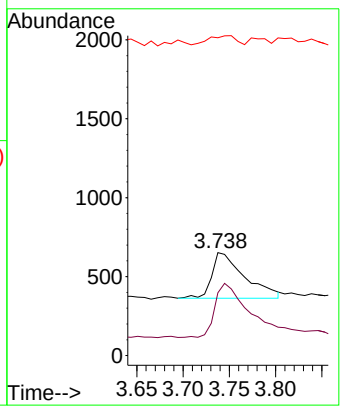


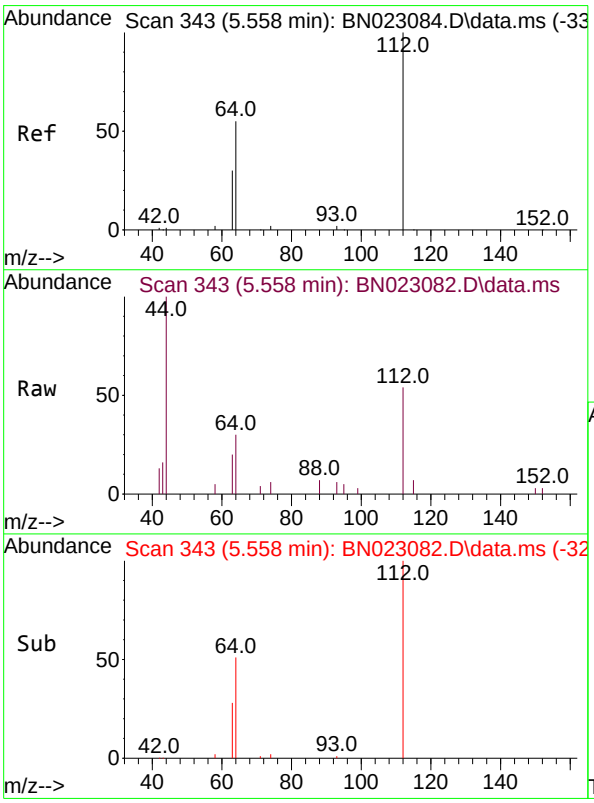
#3
n-Nitrosodimethylamine
Concen: 0.088 ng
RT: 3.738 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 712

Ion	Ratio	Lower	Upper
42	100		
74	120.9	98.8	148.2
44	16.2	7.2	10.8#

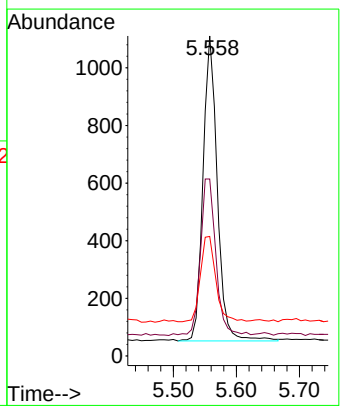


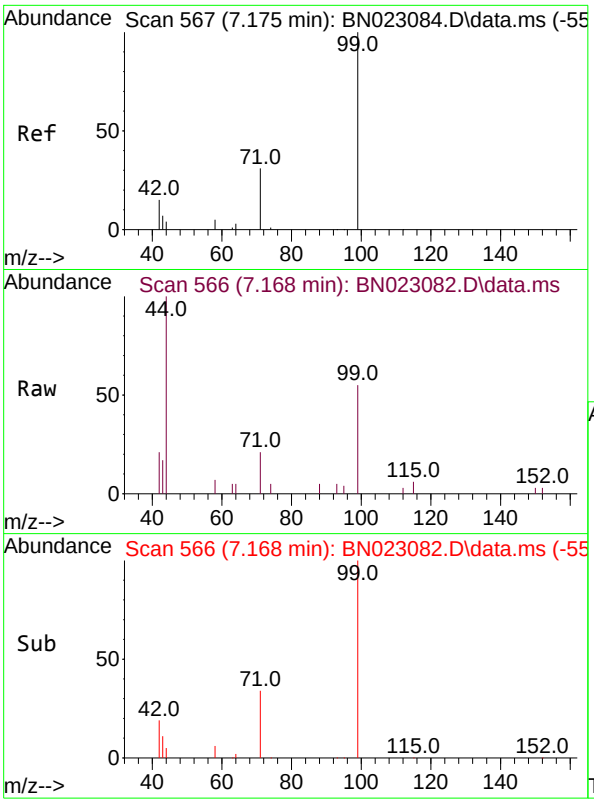


#4
2-Fluorophenol
Concen: 0.110 ng
RT: 5.558 min Scan# 343
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:112 Resp: 1667

Ion	Ratio	Lower	Upper
112	100		
64	55.5	44.8	67.2
63	30.0	24.0	36.0



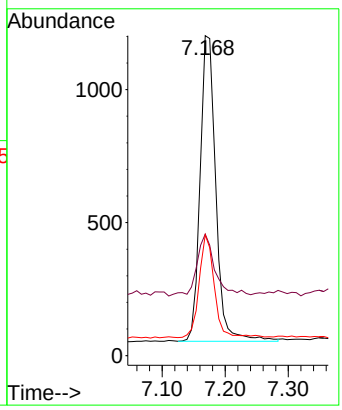


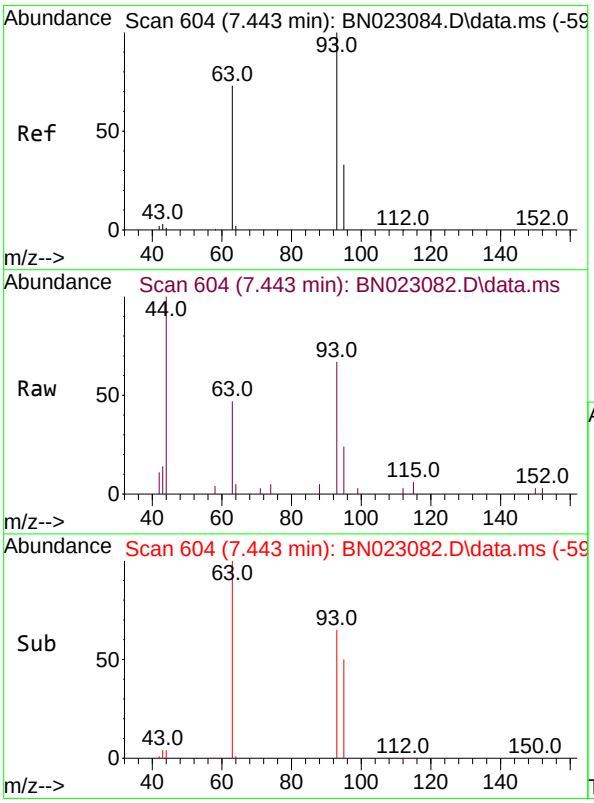
#5
Phenol-d6
Concen: 0.103 ng
RT: 7.168 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1988

Ion	Ratio	Lower	Upper
99	100		
42	23.6	16.8	25.2
71	31.7	26.5	39.7

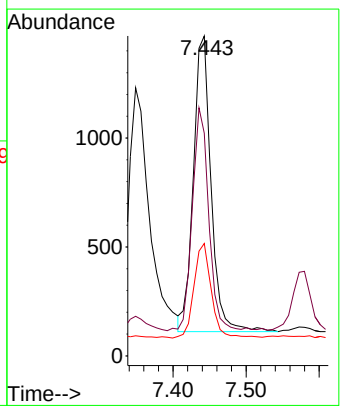


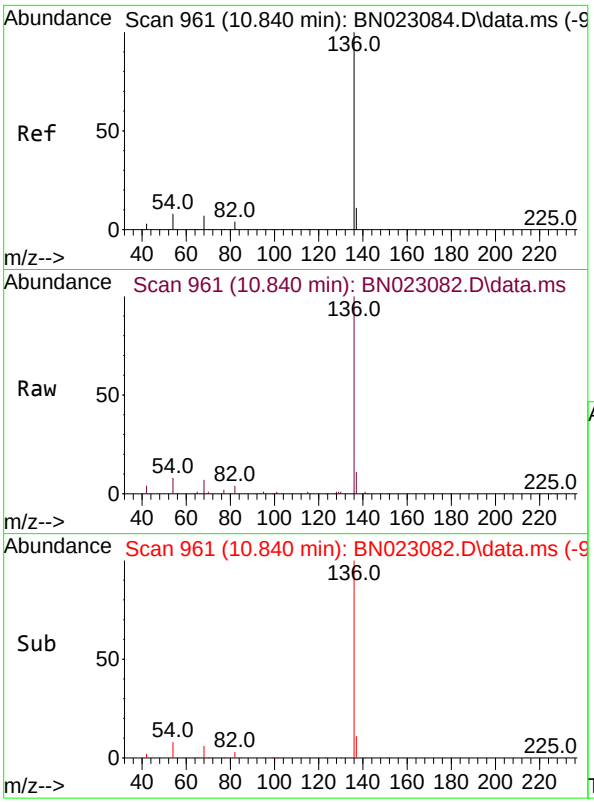


#6
bis(2-Chloroethyl)ether
Concen: 0.111 ng
RT: 7.443 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion: 93 Resp: 2290

Ion	Ratio	Lower	Upper
93	100		
63	69.7	59.2	88.8
95	31.4	25.4	38.2



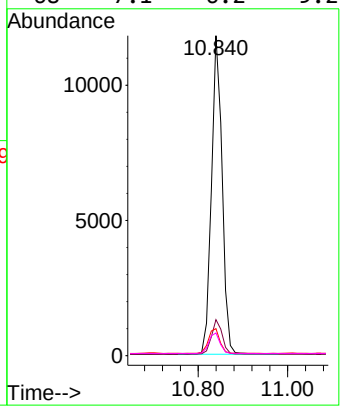


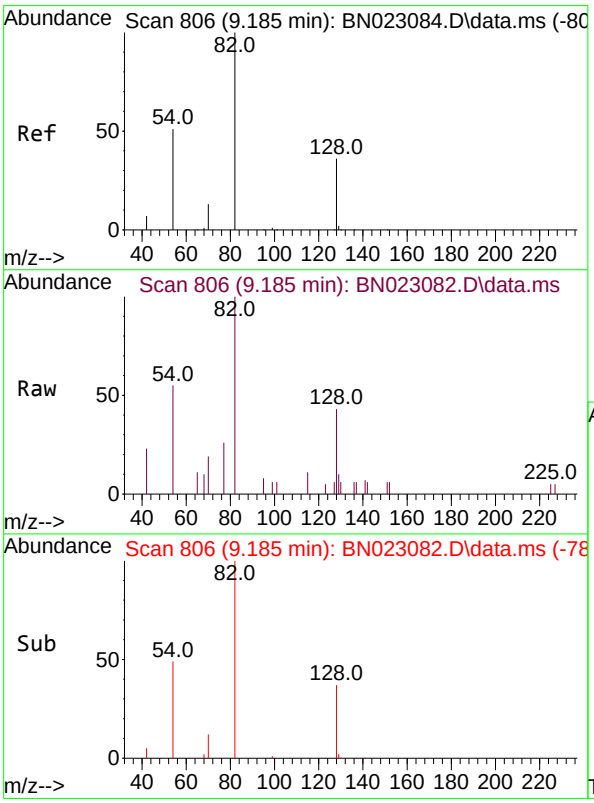
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 19572

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.4	7.2	10.8
68	7.1	6.2	9.2

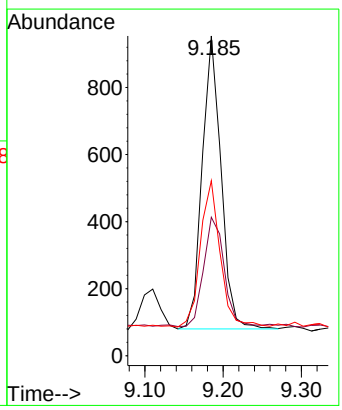


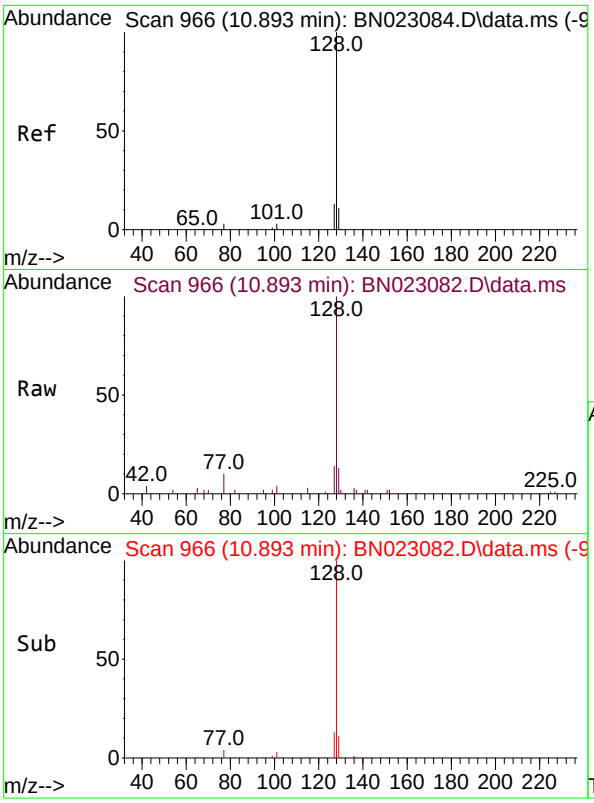


#8
Nitrobenzene-d5
Concen: 0.100 ng
RT: 9.185 min Scan# 806
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion: 82 Resp: 1461

Ion	Ratio	Lower	Upper
82	100		
128	43.3	29.9	44.9
54	54.7	41.8	62.6



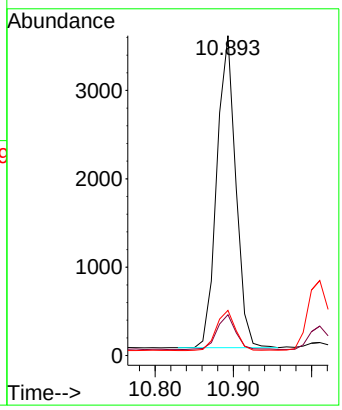


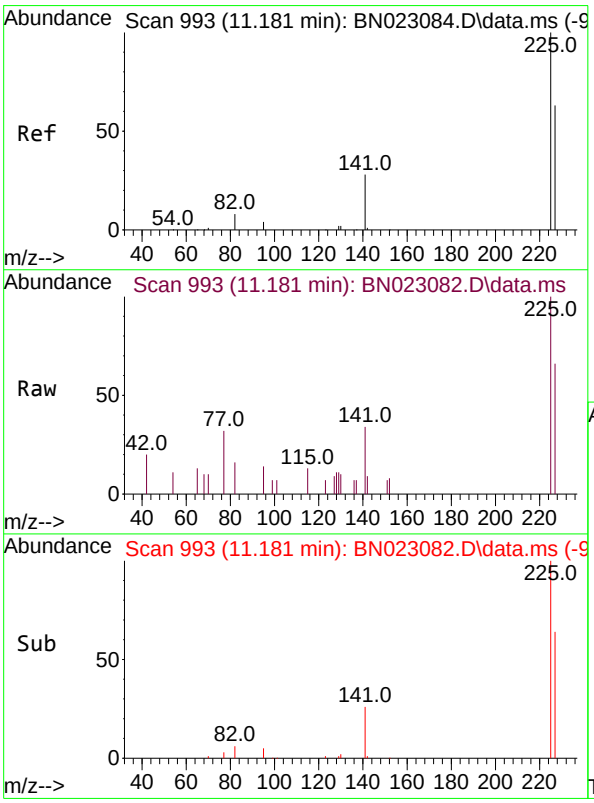
#9
Naphthalene
Concen: 0.102 ng
RT: 10.893 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 5954

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.0	13.6
127	14.1	10.5	15.7

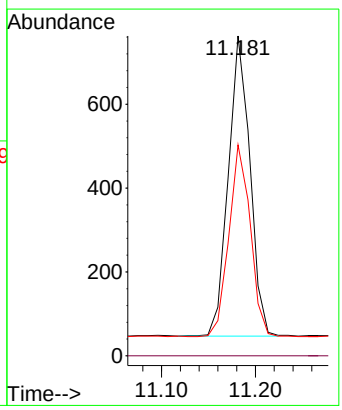


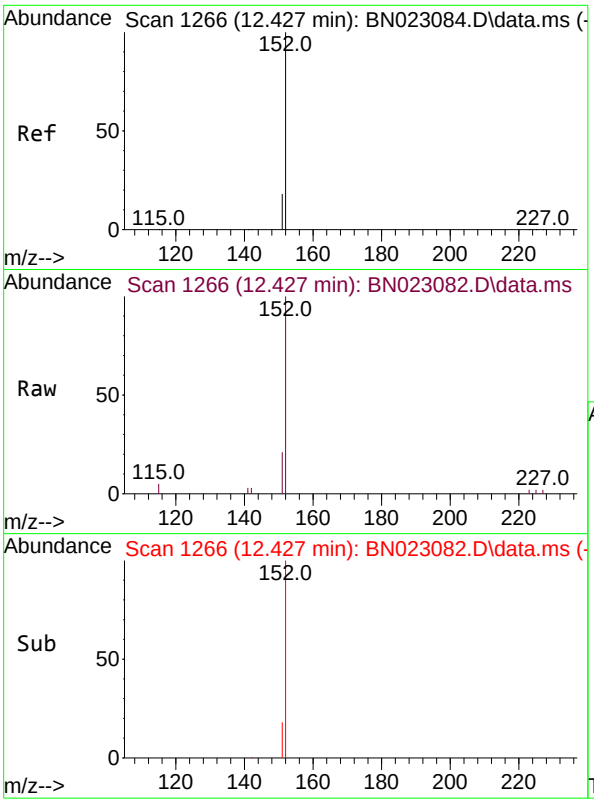


#10
Hexachlorobutadiene
Concen: 0.105 ng
RT: 11.181 min Scan# 993
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:225 Resp: 1144

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.6	76.0



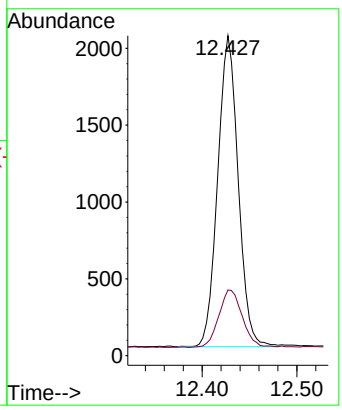


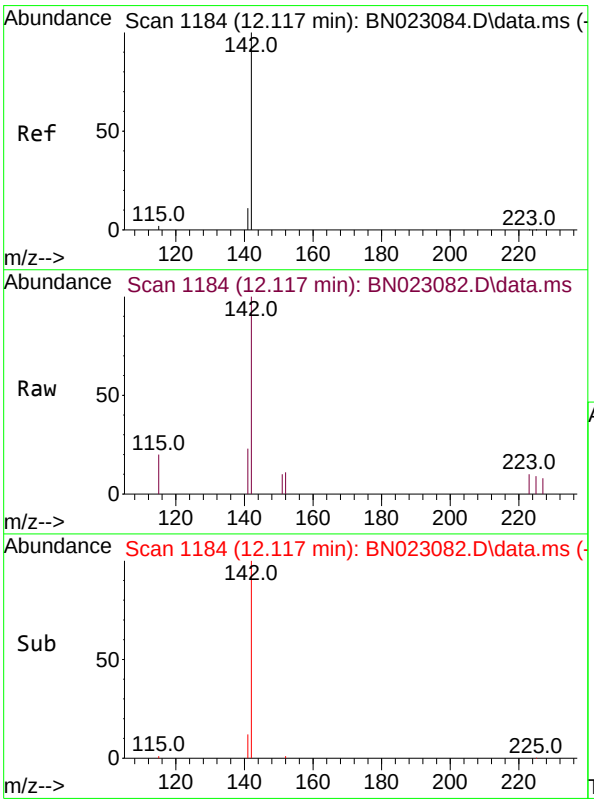
#11
2-Methylnaphthalene-d10
Concen: 0.078 ng
RT: 12.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3048

Ion	Ratio	Lower	Upper
152	100		
151	21.3	13.8	20.8#

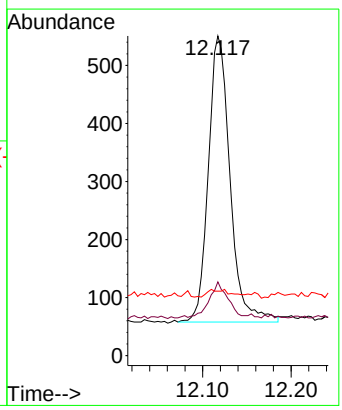


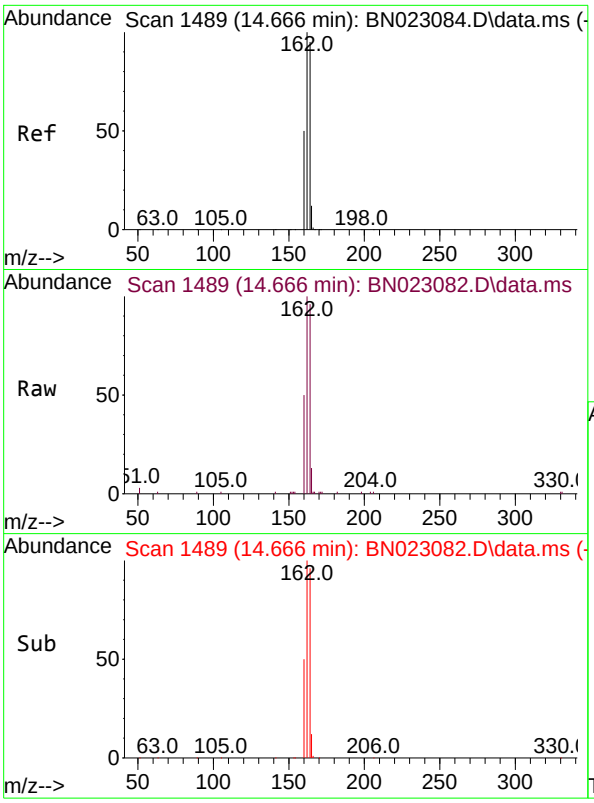


#12
2-Methylnaphthalene
Concen: 0.082 ng
RT: 12.117 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:142 Resp: 840

Ion	Ratio	Lower	Upper
142	100		
141	23.0	11.3	16.9#
115	20.1	5.6	8.4#



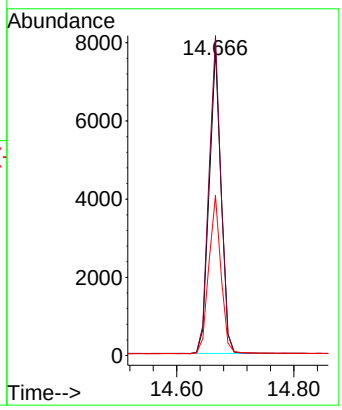


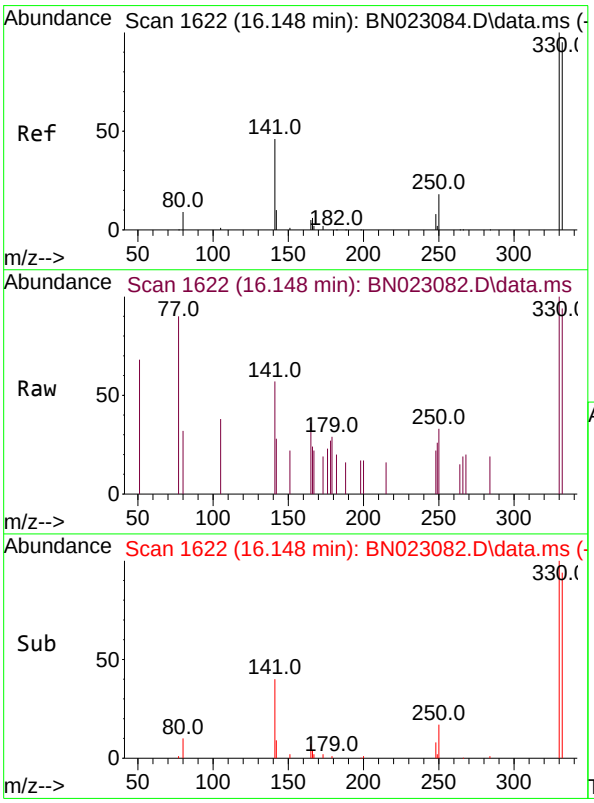
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.666 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 11001

Ion	Ratio	Lower	Upper
164	100		
162	104.3	84.2	126.2
160	52.2	42.5	63.7

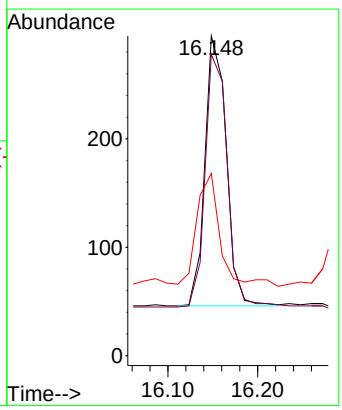


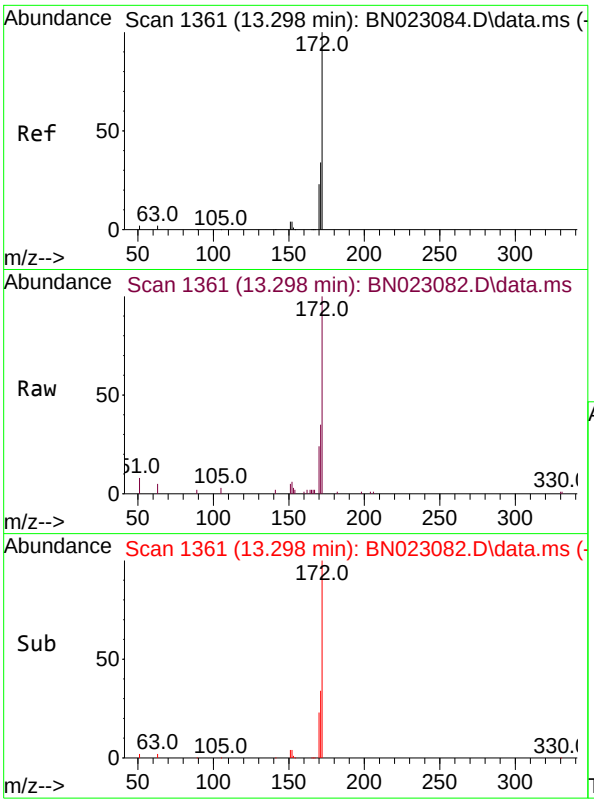


#14
2,4,6-Tribromophenol
Concen: 0.088 ng
RT: 16.148 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:330 Resp: 412

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.6
141	45.4	34.2	51.2



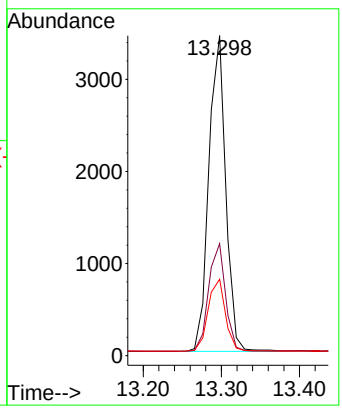


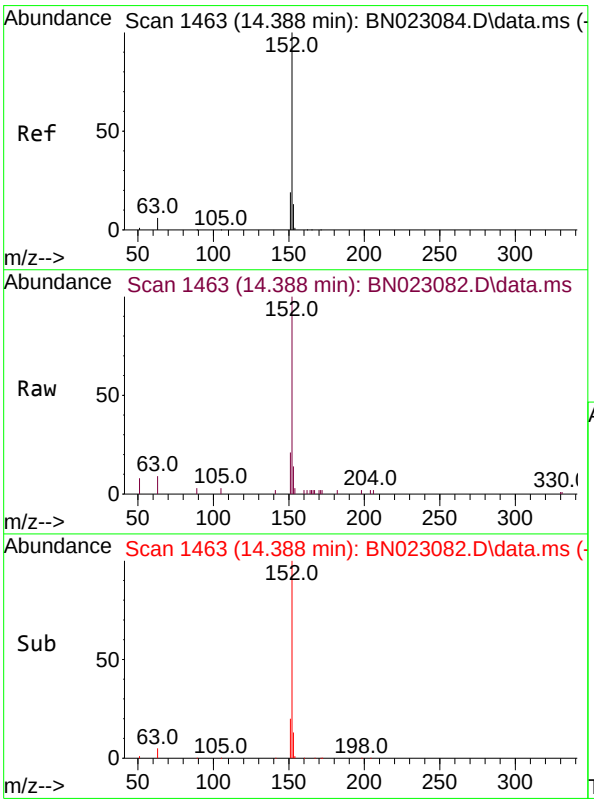
#15
2-Fluorobiphenyl
Concen: 0.106 ng
RT: 13.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 5150

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.6	41.4
170	23.9	18.4	27.6

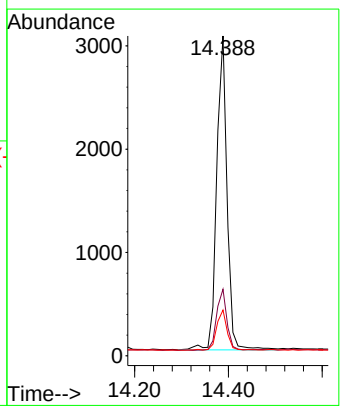


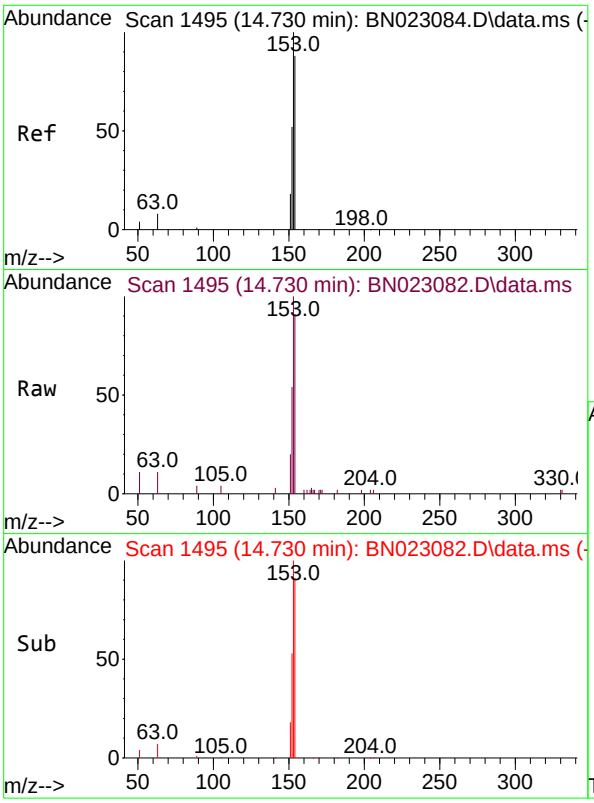


#16
Acenaphthylene
Concen: 0.090 ng
RT: 14.388 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:152 Resp: 4647

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.0	10.2	15.4



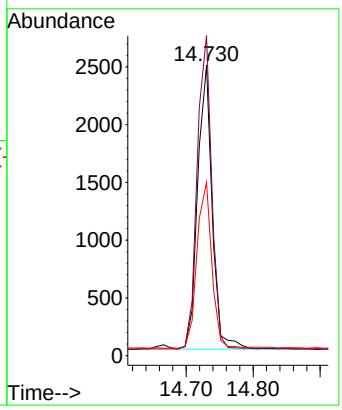


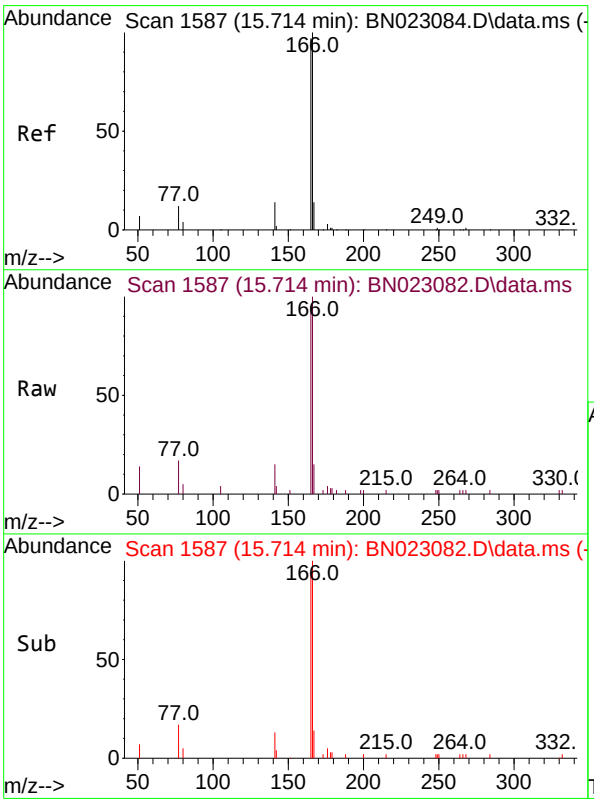
#17
Acenaphthene
Concen: 0.099 ng
RT: 14.730 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 3701

Ion	Ratio	Lower	Upper
154	100		
153	110.3	88.1	132.1
152	59.4	47.4	71.0

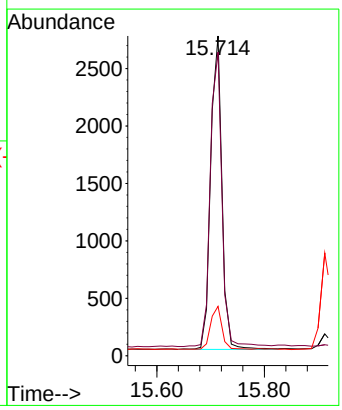


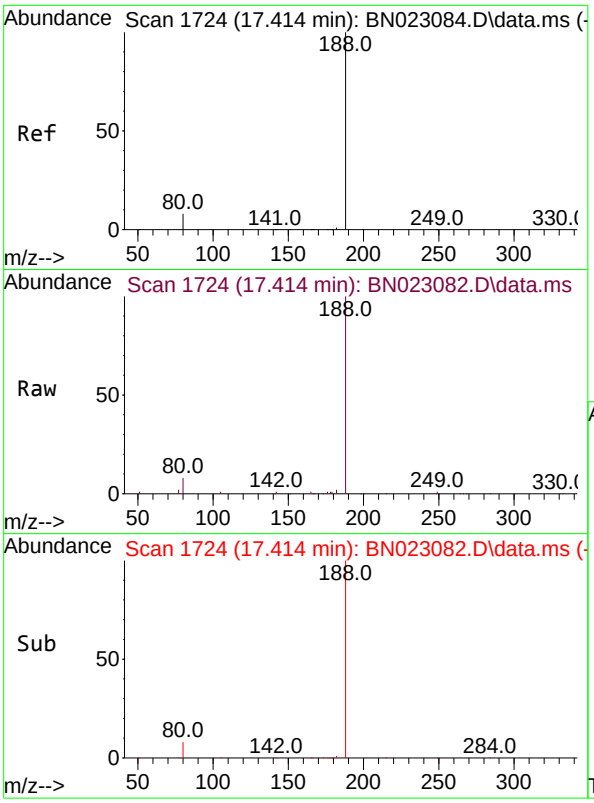


#18
Fluorene
Concen: 0.090 ng
RT: 15.714 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:166 Resp: 4079

Ion	Ratio	Lower	Upper
166	100		
165	97.4	80.2	120.2
167	13.5	11.4	17.0



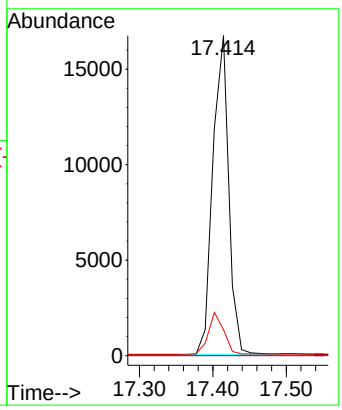


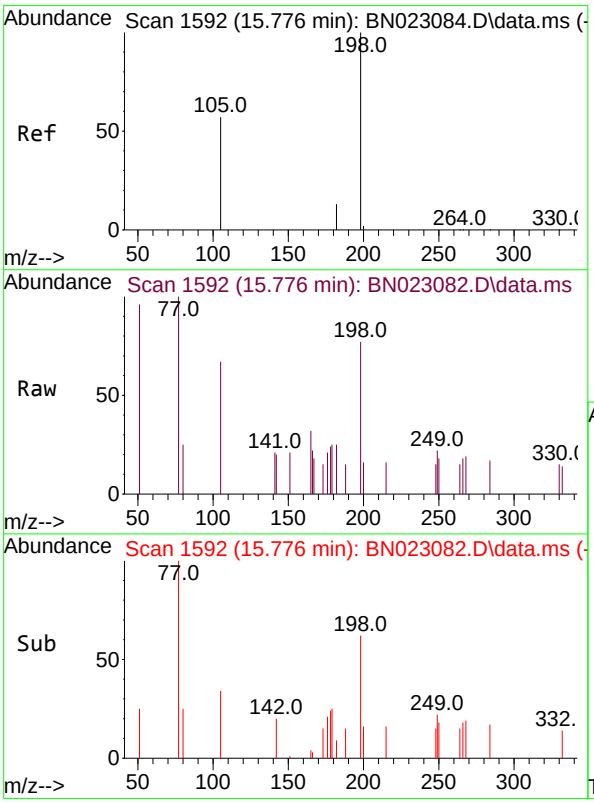
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 25324

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.0	10.6

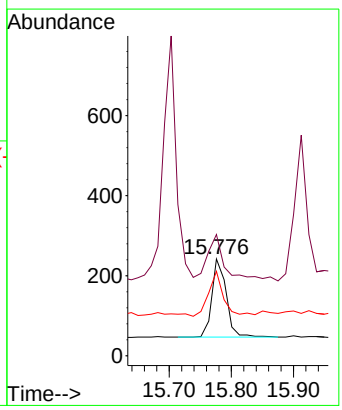


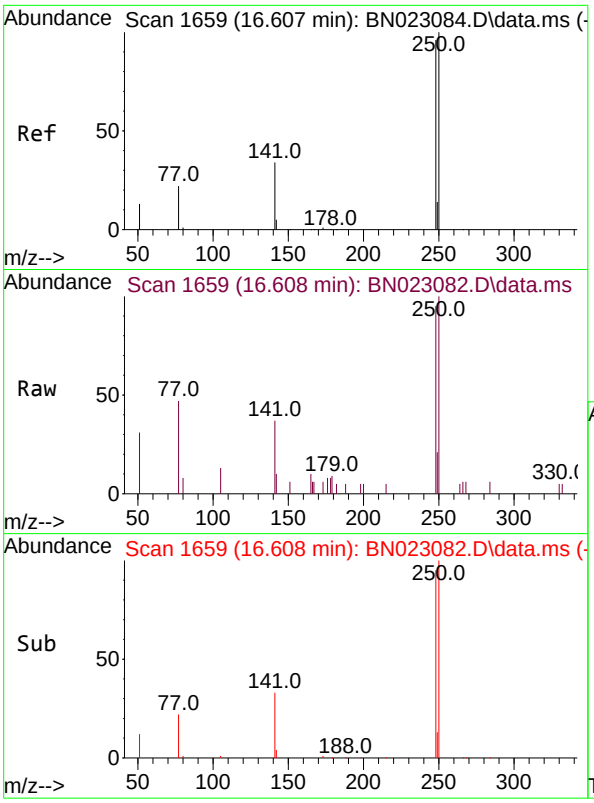


#20
4,6-Dinitro-2-methylphenol
Concen: 0.093 ng
RT: 15.776 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:198 Resp: 312

Ion	Ratio	Lower	Upper
198	100		
51	125.2	65.4	98.0#
105	87.2	54.9	82.3#



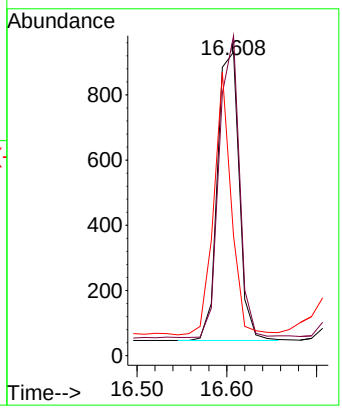


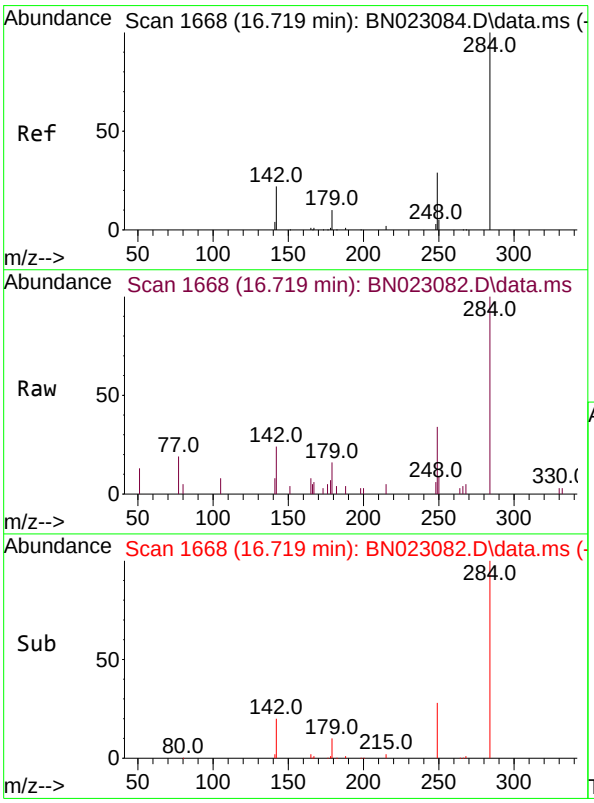
#21
4-Bromophenyl-phenylether
Concen: 0.095 ng
RT: 16.608 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 1485

Ion	Ratio	Lower	Upper
248	100		
250	105.5	83.5	125.3
141	39.4	29.4	44.2

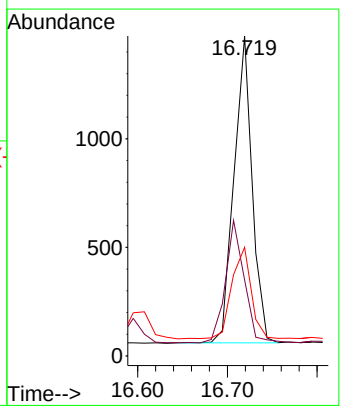


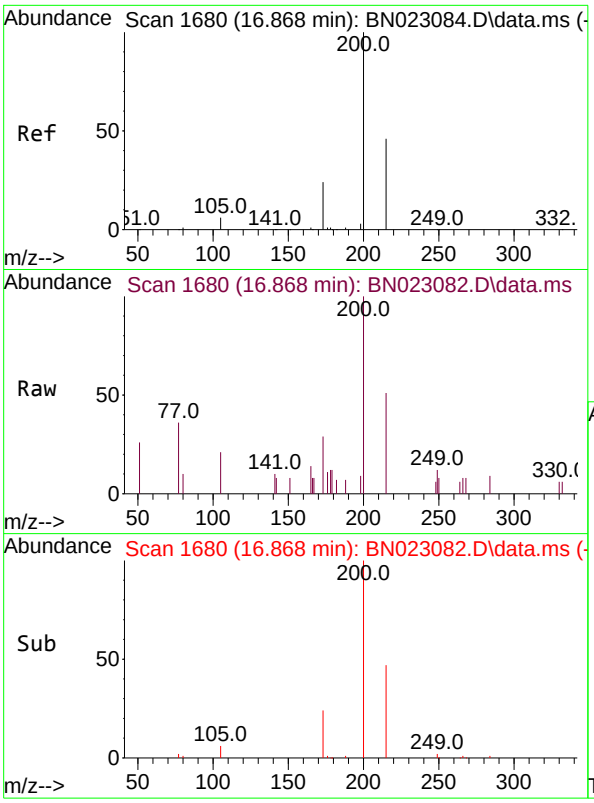


#22
Hexachlorobenzene
Concen: 0.100 ng
RT: 16.719 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:284 Resp: 1983

Ion	Ratio	Lower	Upper
284	100		
142	41.0	31.8	47.8
249	31.6	24.8	37.2



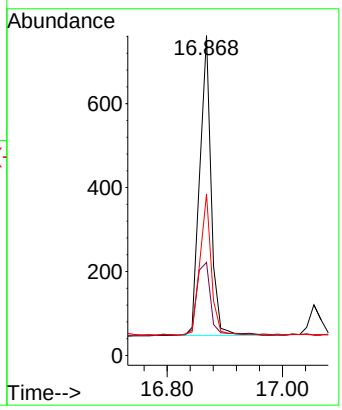


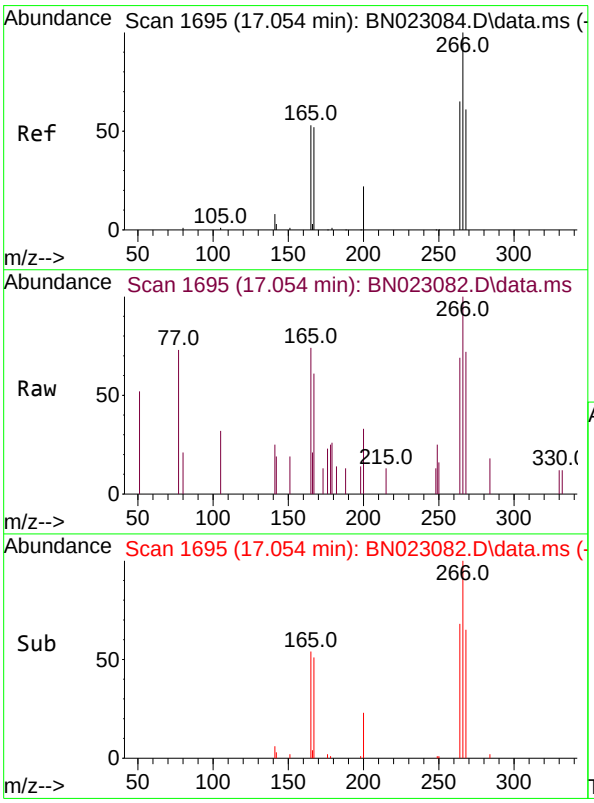
#23
Atrazine
Concen: 0.088 ng
RT: 16.868 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 982

Ion	Ratio	Lower	Upper
200	100		
173	29.1	20.6	31.0
215	50.5	37.6	56.4

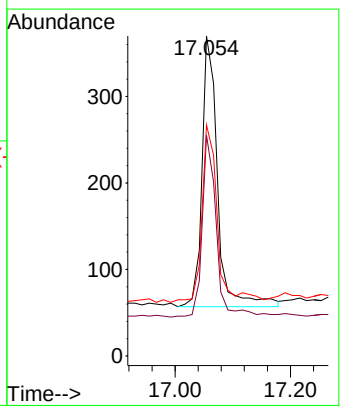


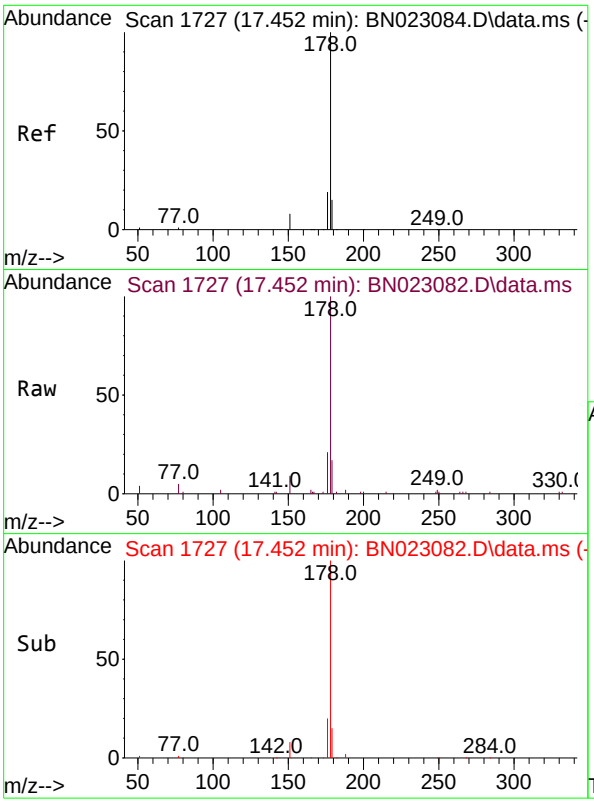


#24
Pentachlorophenol
Concen: 0.107 ng
RT: 17.054 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:266 Resp: 586

Ion	Ratio	Lower	Upper
266	100		
264	61.4	49.1	73.7
268	65.0	51.2	76.8



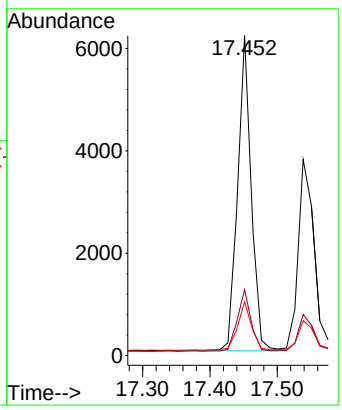


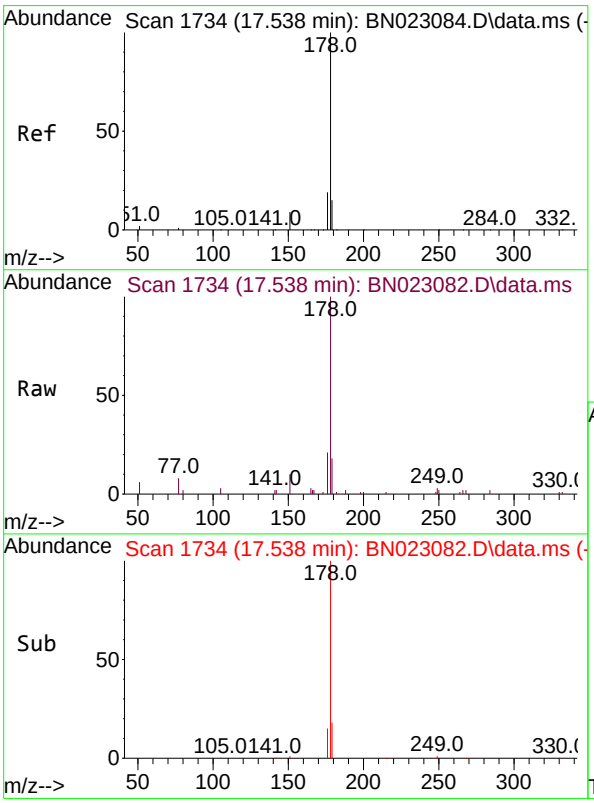
#25
Phenanthrene
Concen: 0.100 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 8608

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.8	12.2	18.4

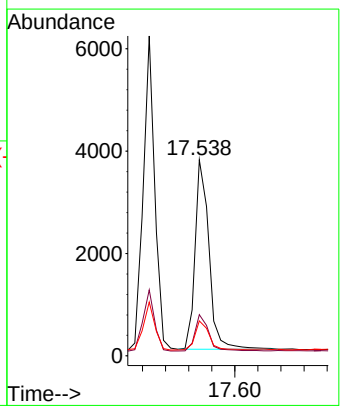


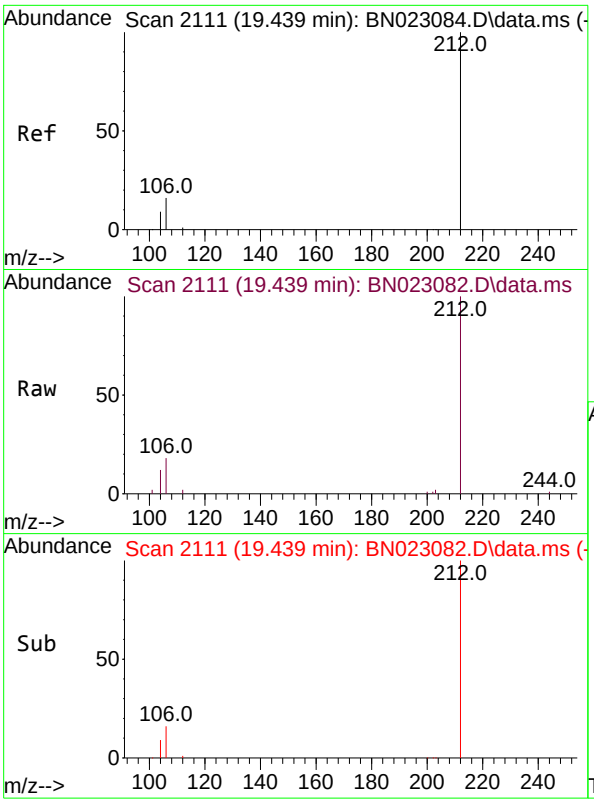


#26
Anthracene
Concen: 0.089 ng
RT: 17.538 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:178 Resp: 6168

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.7	12.2	18.2



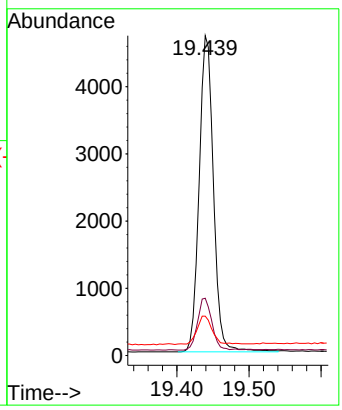


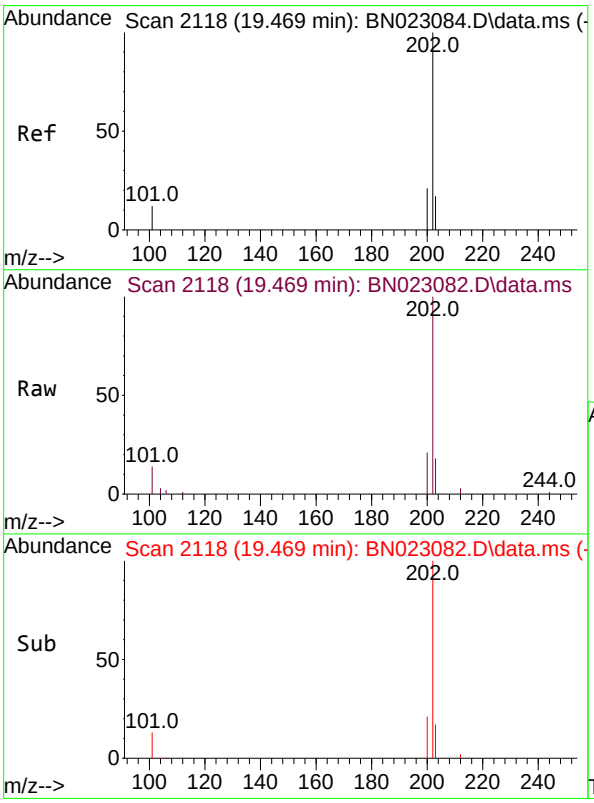
#27
Fluoranthene-d10
Concen: 0.093 ng
RT: 19.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 6492

Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.9	19.3
104	9.7	7.4	11.0

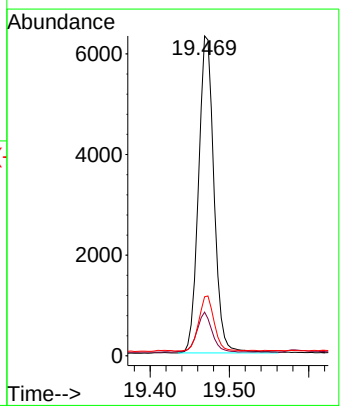


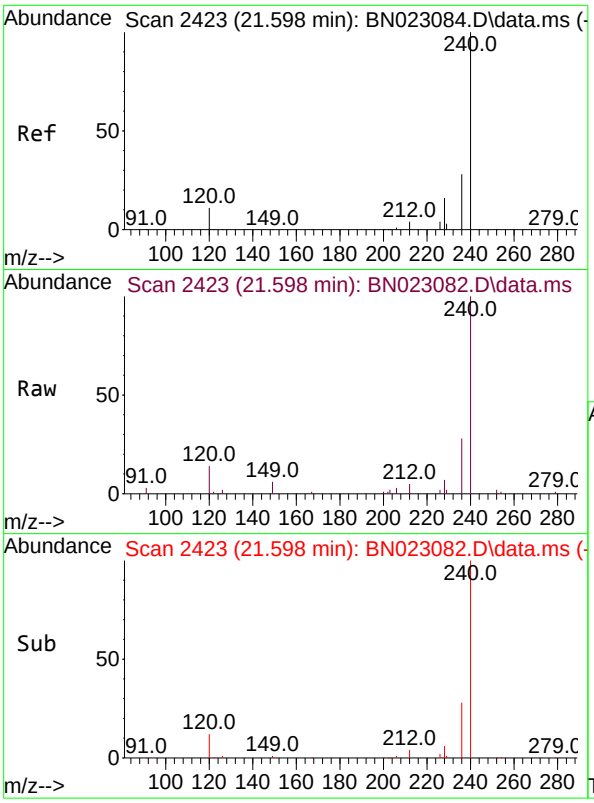


#28
Fluoranthene
Concen: 0.091 ng
RT: 19.469 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:202 Resp: 8554

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.1	15.1
203	17.0	13.7	20.5



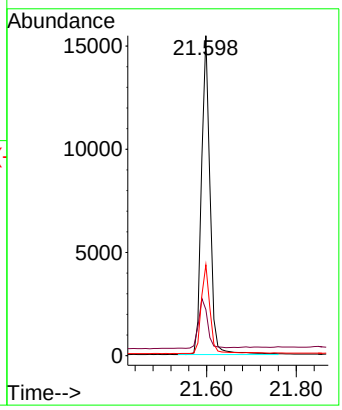


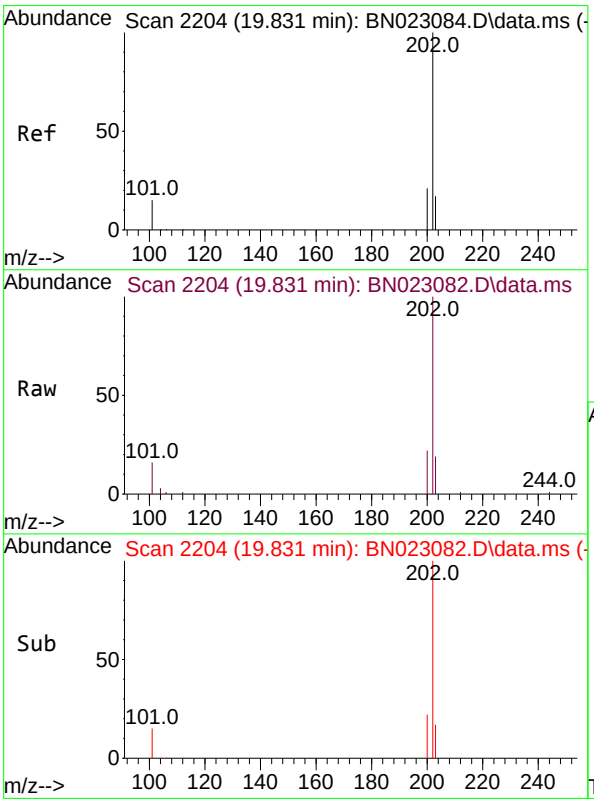
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.598 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 20631

Ion	Ratio	Lower	Upper
240	100		
120	14.4	10.0	15.0
236	28.4	22.5	33.7

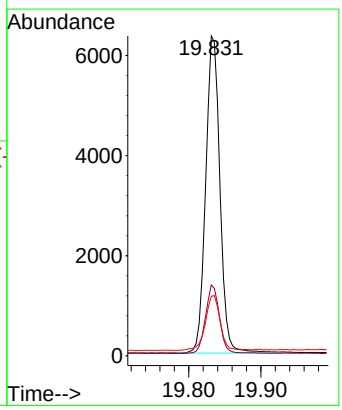


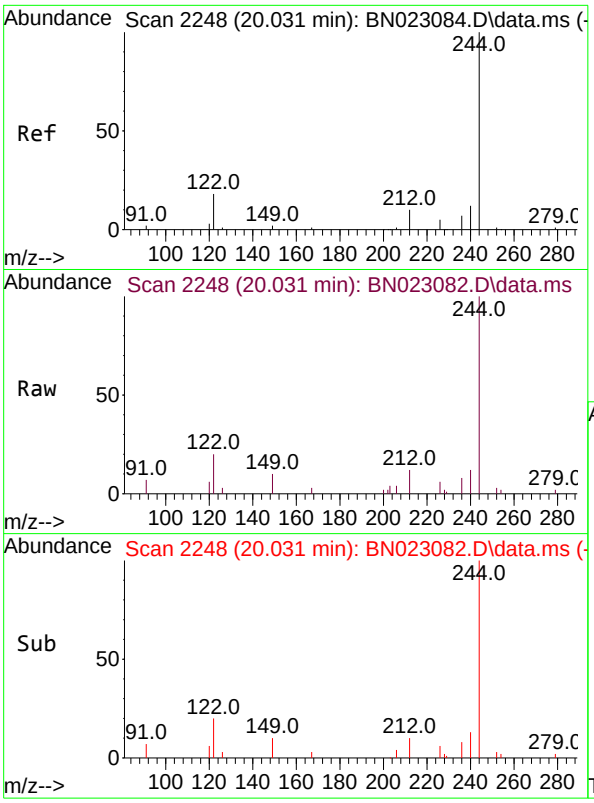


#30
Pyrene
Concen: 0.098 ng
RT: 19.831 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:202 Resp: 8696

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.8	14.2	21.2



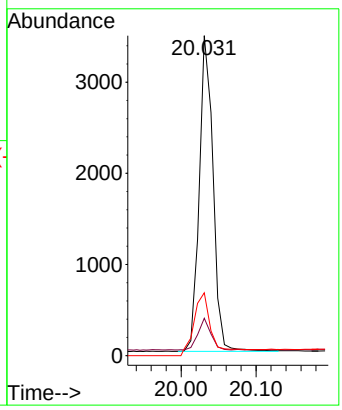


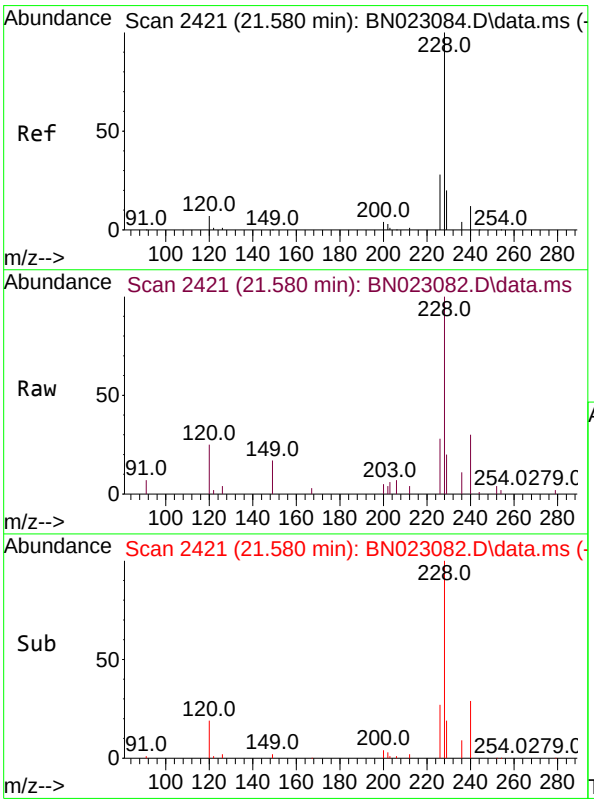
#31
Terphenyl-d14
Concen: 0.097 ng
RT: 20.031 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 4124

Ion	Ratio	Lower	Upper
244	100		
212	11.7	8.1	12.1
122	19.6	14.2	21.4

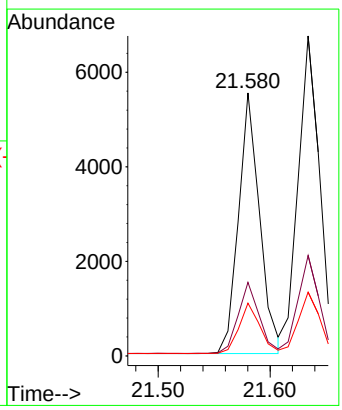


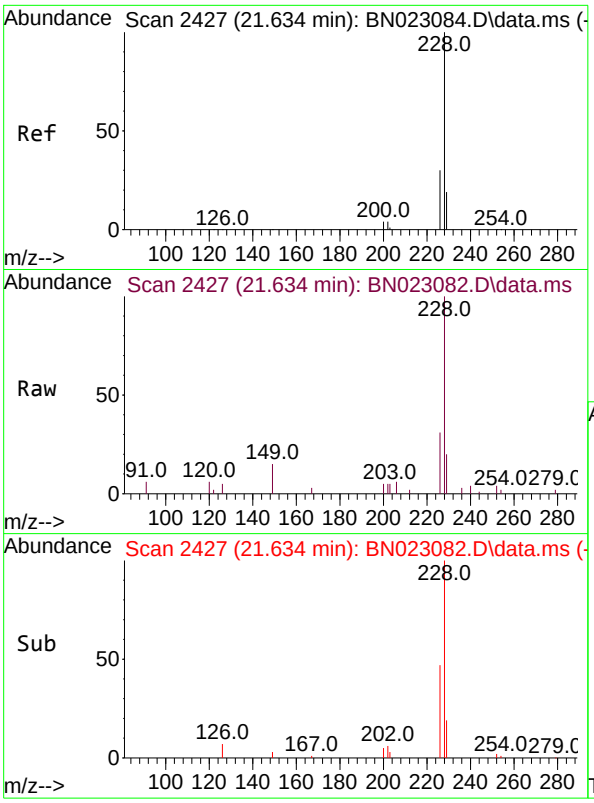


#32
Benzo(a)anthracene
Concen: 0.094 ng
RT: 21.580 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:228 Resp: 7218

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	20.1	15.8	23.8



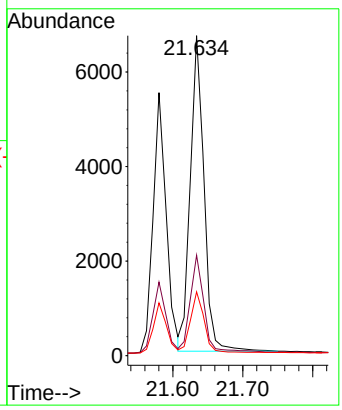


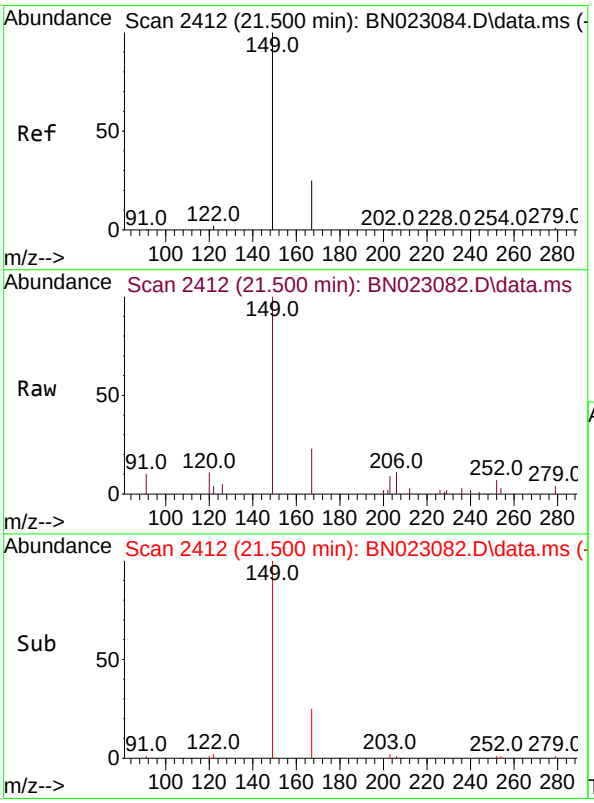
#33
Chrysene
Concen: 0.107 ng
RT: 21.634 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 9099

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.2	36.4
229	19.9	15.7	23.5

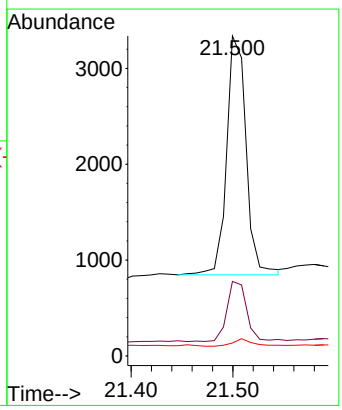


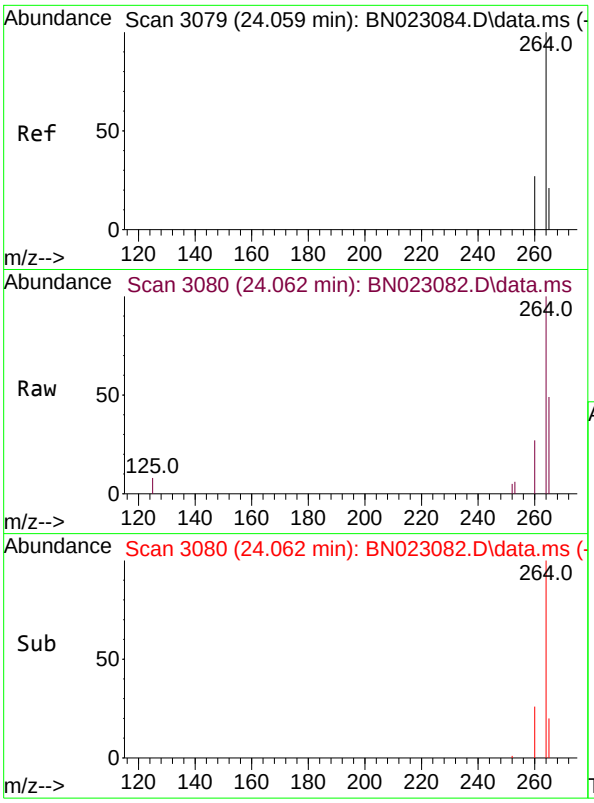


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.500 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:149 Resp: 3326

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.4	32.0
279	3.3	2.1	3.1#



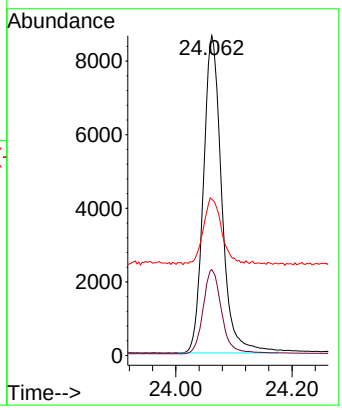


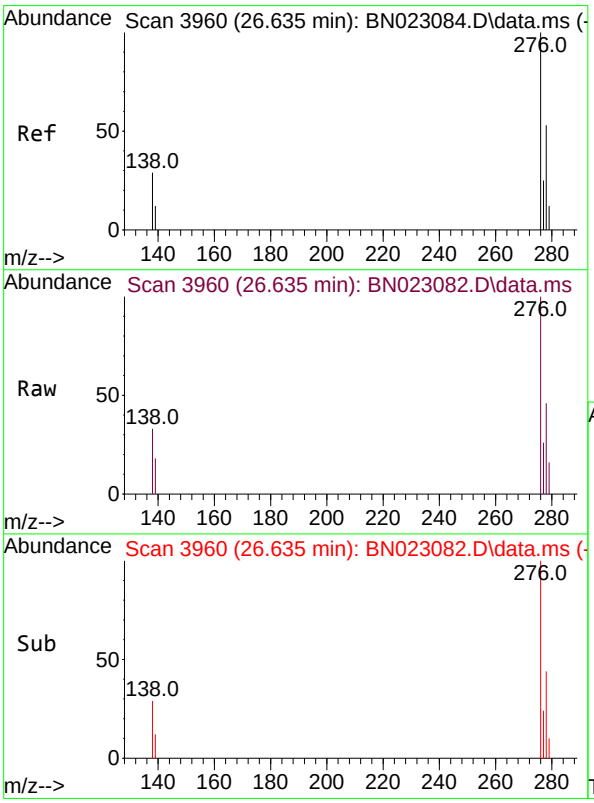
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.062 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 18911

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.6	32.4
265	48.8	39.3	58.9

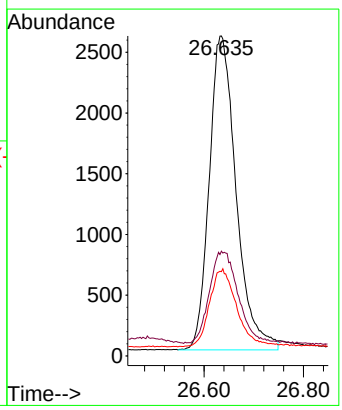


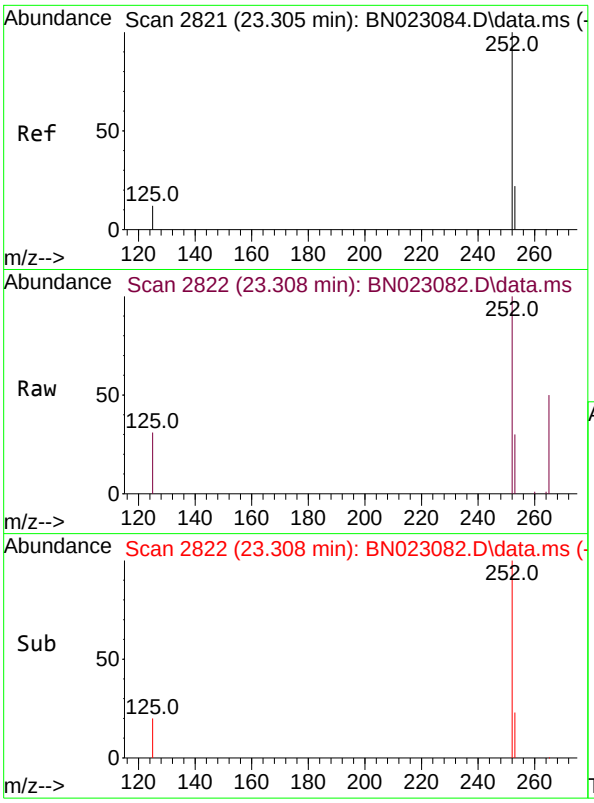


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.095 ng
RT: 26.635 min Scan# 3960
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:276 Resp: 9725

Ion	Ratio	Lower	Upper
276	100		
138	30.6	24.9	37.3
277	24.8	19.8	29.8



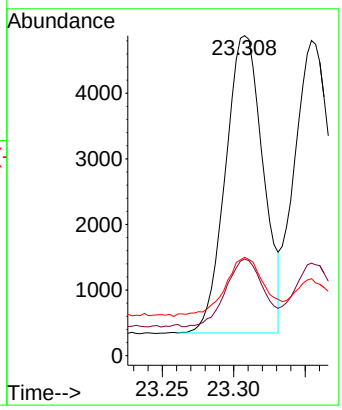


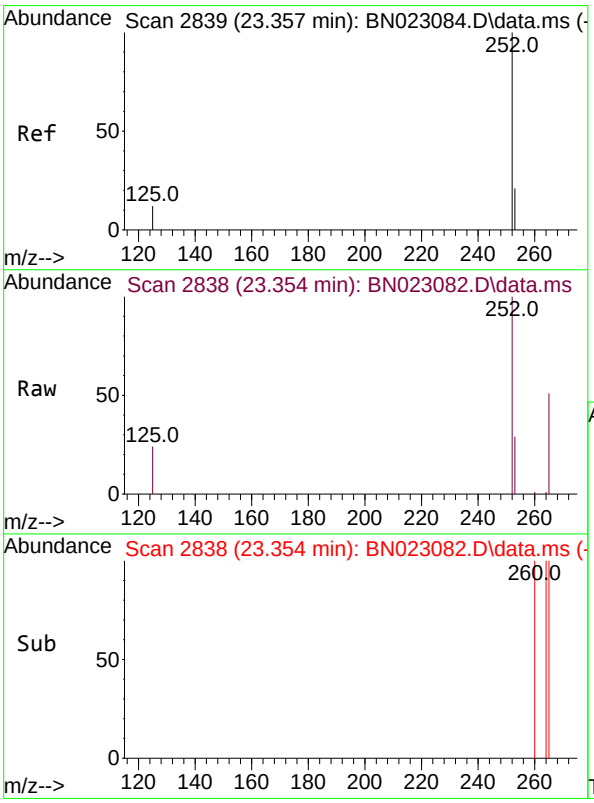
#37
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 23.308 min Scan# 28
Delta R.T. 0.003 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 8303

Ion	Ratio	Lower	Upper
252	100		
253	30.2	19.2	28.8#
125	30.7	12.4	18.6#

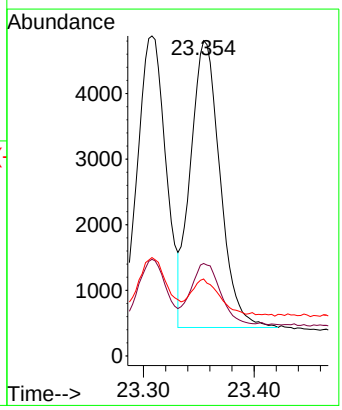


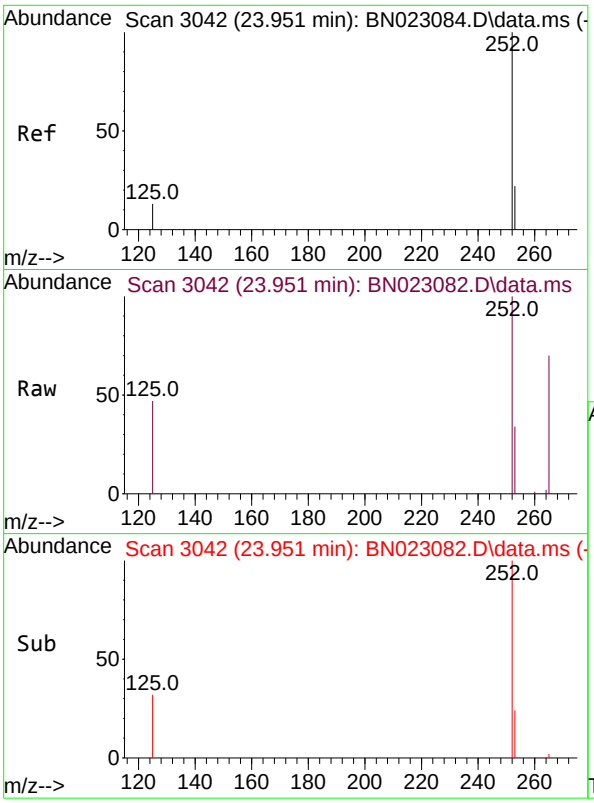


#38
Benzo(k)fluoranthene
Concen: 0.092 ng
RT: 23.354 min Scan# 2838
Delta R.T. -0.003 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:252 Resp: 8134

Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.8	28.2#
125	24.4	12.0	18.0#



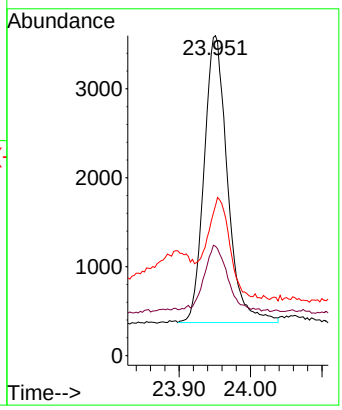


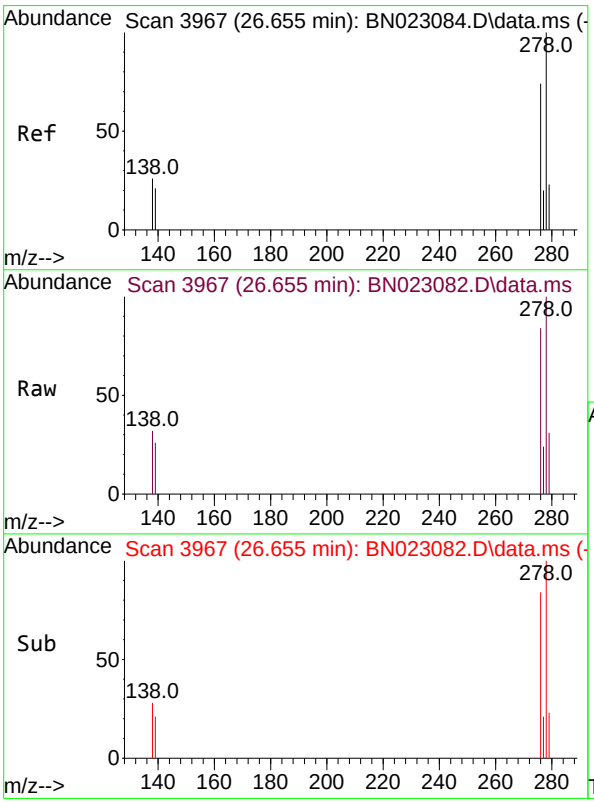
#39
Benzo(a)pyrene
Concen: 0.104 ng
RT: 23.951 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 7339

Ion	Ratio	Lower	Upper
252	100		
253	34.2	20.5	30.7#
125	46.8	15.3	22.9#

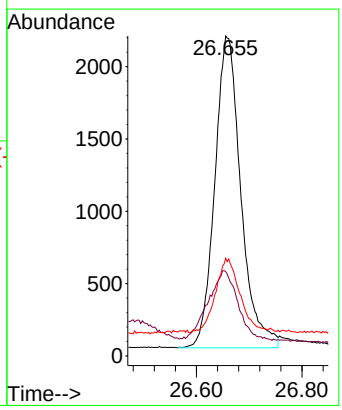


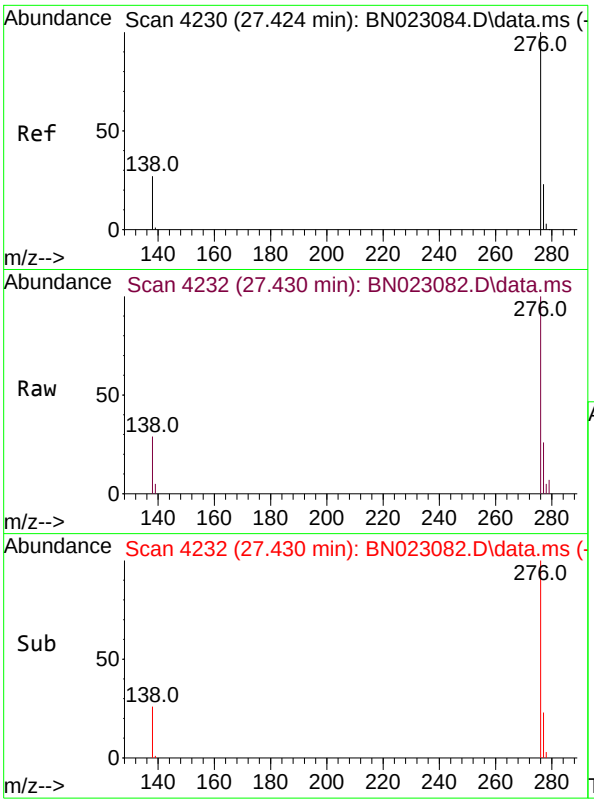


#40
Dibenzo(a,h)anthracene
Concen: 0.092 ng
RT: 26.655 min Scan# 3967
Delta R.T. 0.000 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Tgt Ion:278 Resp: 7400

Ion	Ratio	Lower	Upper
278	100		
139	26.3	17.5	26.3#
279	30.5	20.2	30.2#





#41
Benzo(g,h,i)perylene
Concen: 0.090 ng
RT: 27.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN023082.D
Acq: 07 Dec 2022 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 7562

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.4	29.2
138	29.5	22.1	33.1