Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029131.D
Acq On : 20 Dec 2023 13:04
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Dec 20 17:49:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:45:31 2023
Response via : Initial Calibration

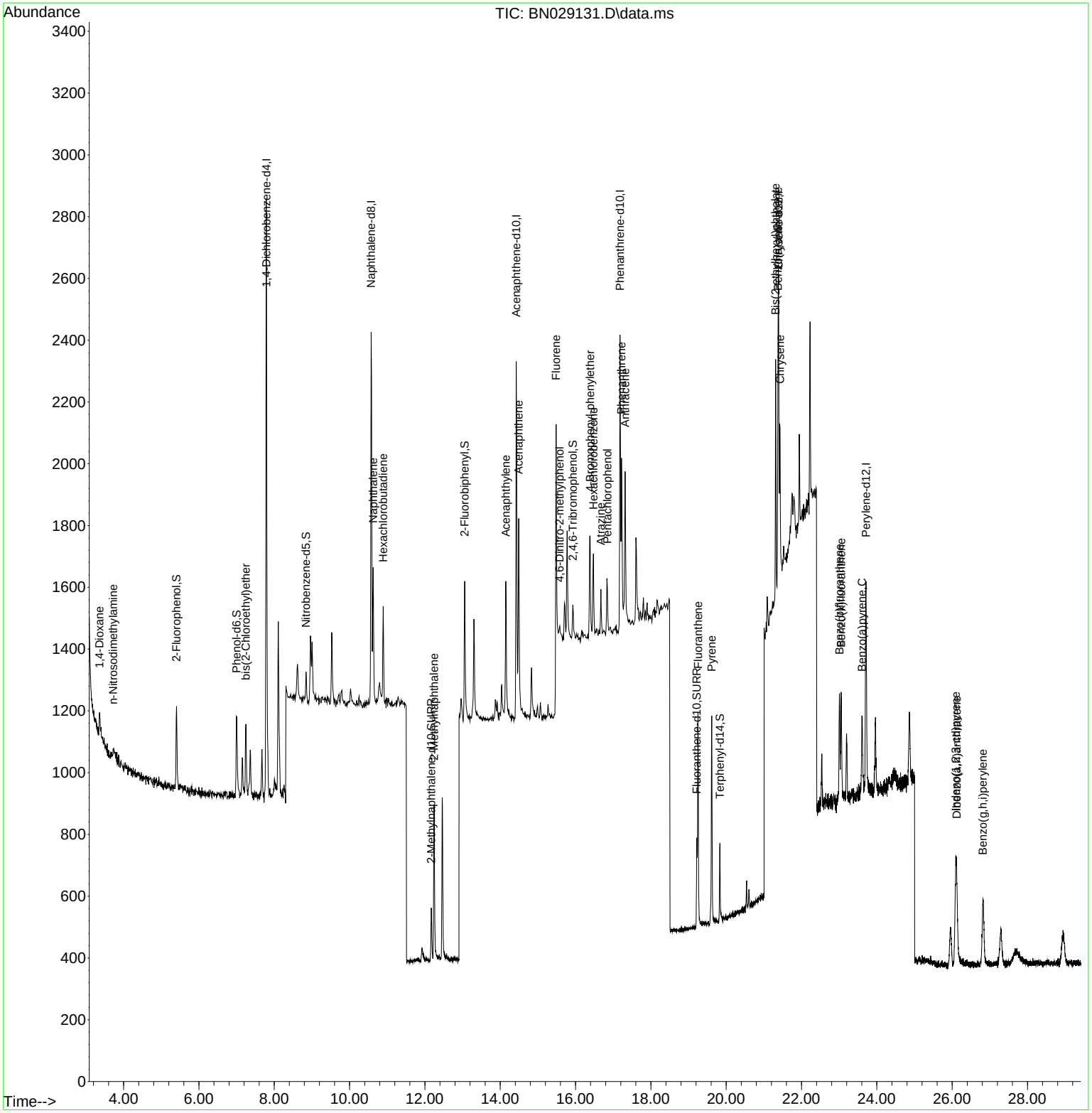
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	973	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	1728	0.400	ng	-0.01
13) Acenaphthene-d10	14.426	164	776	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1453	0.400	ng	0.00
29) Chrysene-d12	21.393	240	791	0.400	ng	# 0.00
35) Perylene-d12	23.712	264	944	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	257	0.110	ng	0.00
5) Phenol-d6	7.002	99	279	0.109	ng	0.00
8) Nitrobenzene-d5	8.843	82	113	0.050	ng	-0.12
11) 2-Methylnaphthalene-d10	12.170	152	252	0.096	ng	0.00
14) 2,4,6-Tribromophenol	15.927	330	87	0.128	ng	0.00
15) 2-Fluorobiphenyl	13.057	172	463	0.102	ng	0.00
27) Fluoranthene-d10	19.220	212	363	0.103	ng	0.00
31) Terphenyl-d14	19.833	244	243	0.112	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.362	88	98	0.108	ng	# 83
3) n-Nitrosodimethylamine	3.723	42	47	0.074	ng	# 54
6) bis(2-Chloroethyl)ether	7.248	93	228	0.115	ng	96
9) Naphthalene	10.626	128	580	0.103	ng	# 82
10) Hexachlorobutadiene	10.893	225	202	0.109	ng	# 97
12) 2-Methylnaphthalene	12.242	142	370	0.101	ng	# 94
16) Acenaphthylene	14.148	152	580	0.106	ng	93
17) Acenaphthene	14.490	154	355	0.108	ng	94
18) Fluorene	15.484	166	465	0.105	ng	97
20) 4,6-Dinitro-2-methylph...	15.580	198	54	0.144	ng	# 68
21) 4-Bromophenyl-phenylether	16.387	248	179	0.119	ng	93
22) Hexachlorobenzene	16.473	284	186	0.106	ng	98
23) Atrazine	16.672	200	129	0.103	ng	# 87
24) Pentachlorophenol	16.846	266	98	0.094	ng	# 80
25) Phenanthrene	17.218	178	648	0.108	ng	100
26) Anthracene	17.317	178	603	0.104	ng	94
28) Fluoranthene	19.252	202	654	0.106	ng	# 97
30) Pyrene	19.615	202	662	0.106	ng	98
32) Benzo(a)anthracene	21.376	228	433	0.100	ng	# 91
33) Chrysene	21.429	228	428	0.100	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.313	149	760	0.094	ng	# 91
36) Indeno(1,2,3-cd)pyrene	26.095	276	591	0.098	ng	# 83
37) Benzo(b)fluoranthene	23.008	252	470	0.098	ng	# 64
38) Benzo(k)fluoranthene	23.052	252	423	0.090	ng	# 61
39) Benzo(a)pyrene	23.604	252	402	0.094	ng	# 57
40) Dibenzo(a,h)anthracene	26.119	278	447	0.096	ng	# 67
41) Benzo(g,h,i)perylene	26.817	276	511	0.099	ng	# 77

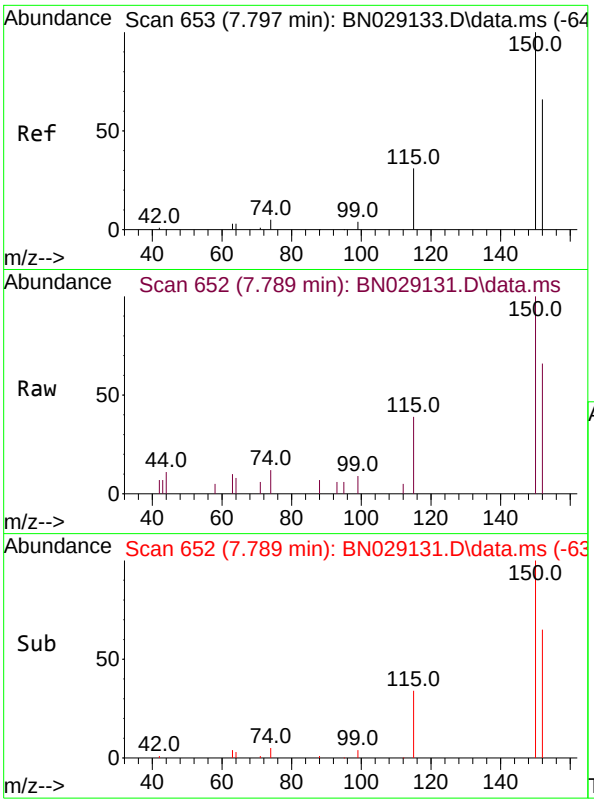
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029131.D
Acq On : 20 Dec 2023 13:04
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Dec 20 17:49:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:45:31 2023
Response via : Initial Calibration



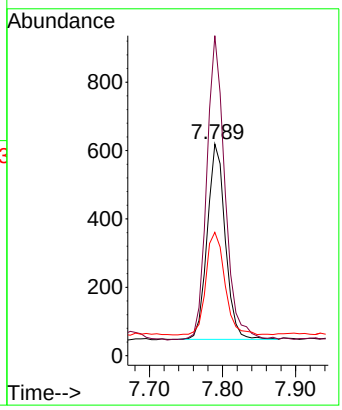


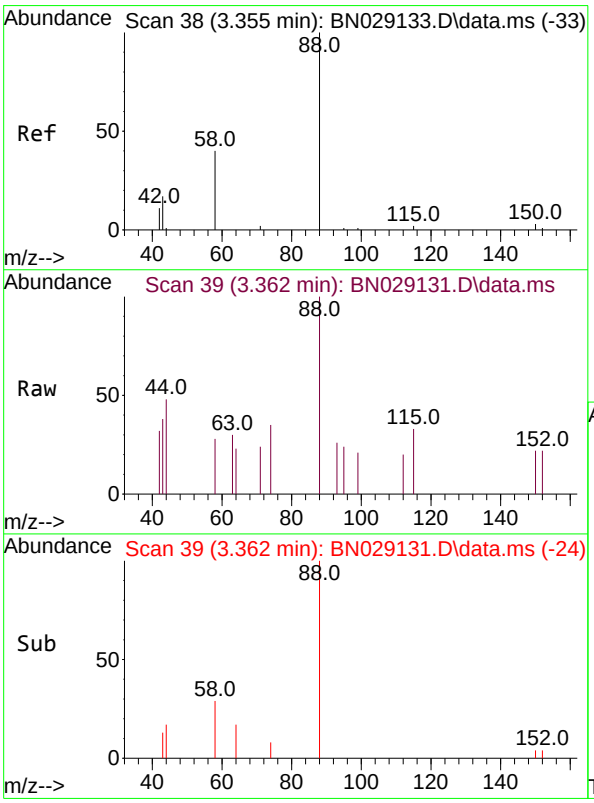
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 973

Ion	Ratio	Lower	Upper
152	100		
150	151.2	117.6	176.4
115	58.3	44.2	66.2

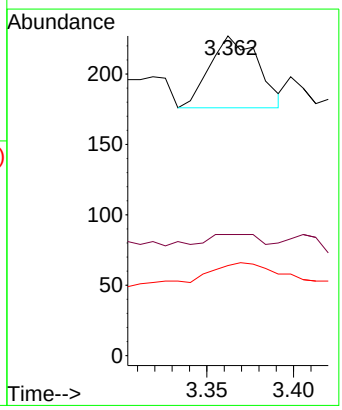


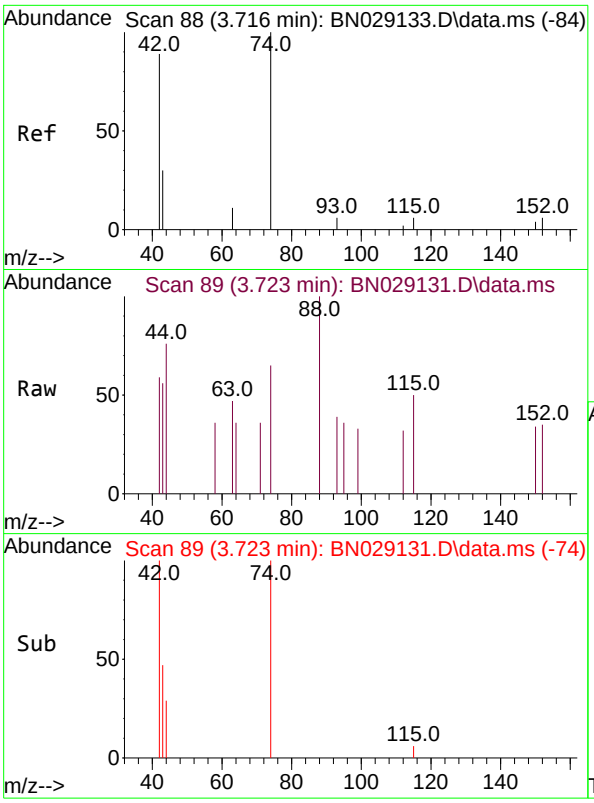


#2
1,4-Dioxane
Concen: 0.108 ng
RT: 3.362 min Scan# 39
Delta R.T. 0.007 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion: 88 Resp: 98

Ion	Ratio	Lower	Upper
88	100		
43	13.3	19.4	29.2#
58	53.1	35.4	53.0#



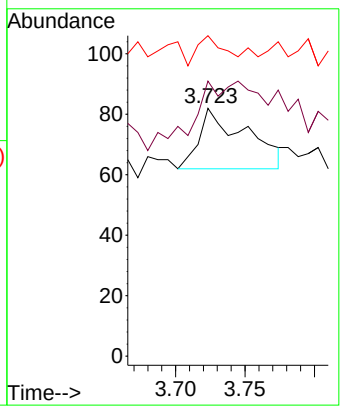


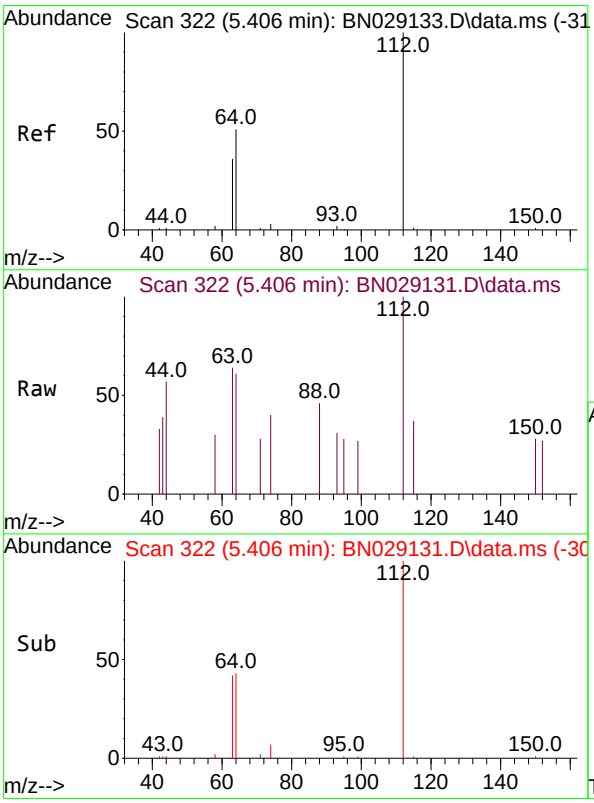
#3
n-Nitrosodimethylamine
Concen: 0.074 ng
RT: 3.723 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 47

Ion	Ratio	Lower	Upper
42	100		
74	191.5	109.4	164.0#
44	27.7	3.1	4.7#

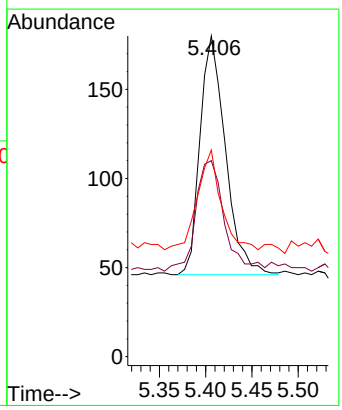


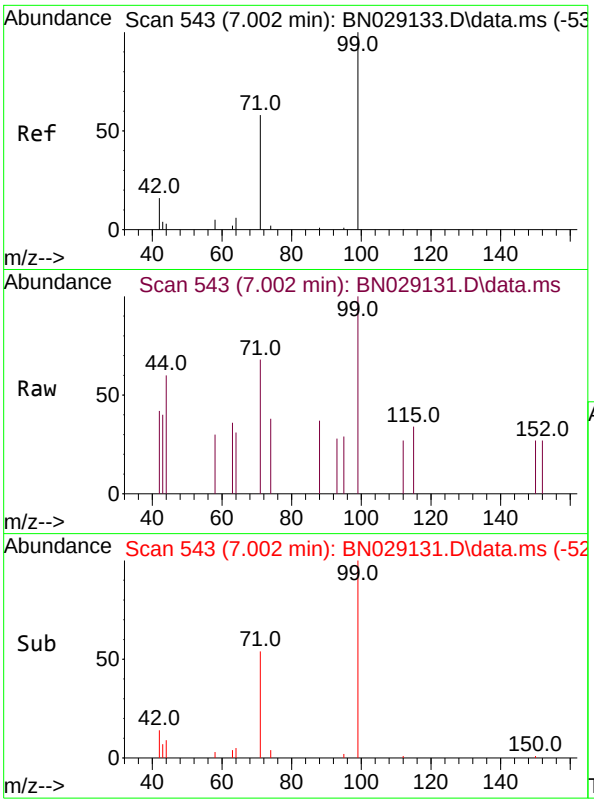


#4
2-Fluorophenol
Concen: 0.110 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:112 Resp: 257

Ion	Ratio	Lower	Upper
112	100		
64	49.0	38.6	58.0
63	38.5	30.0	45.0



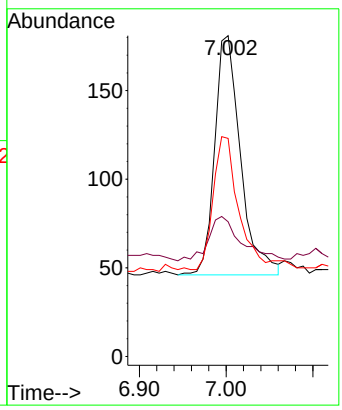


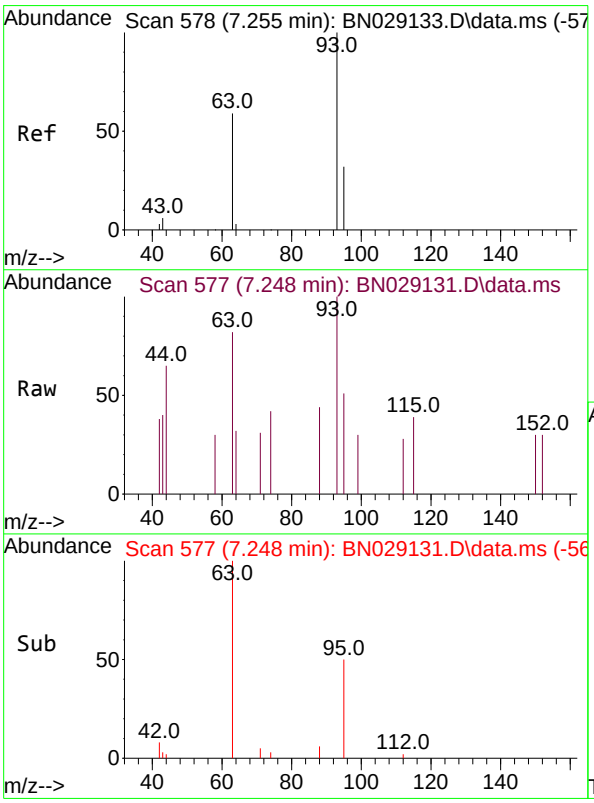
#5
Phenol-d6
Concen: 0.109 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 279

Ion	Ratio	Lower	Upper
99	100		
42	23.3	13.8	20.6#
71	58.1	45.4	68.2

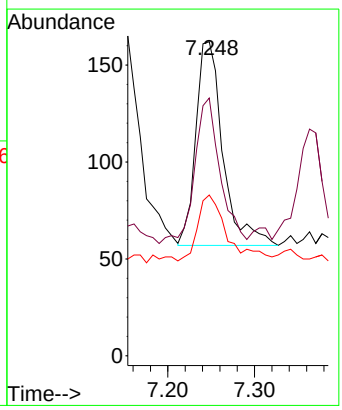


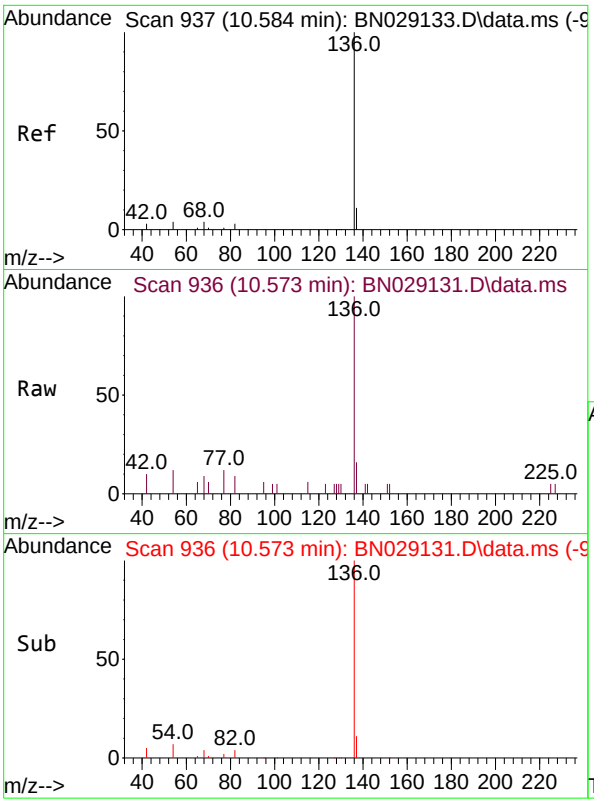


#6
bis(2-Chloroethyl)ether
Concen: 0.115 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion: 93 Resp: 228

Ion	Ratio	Lower	Upper
93	100		
63	67.1	57.0	85.6
95	36.0	27.4	41.2



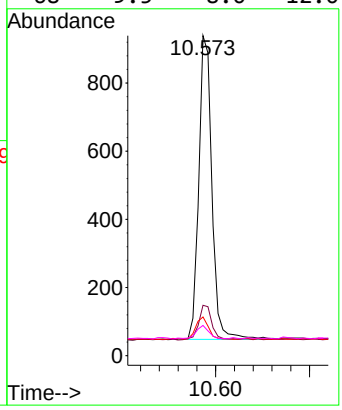


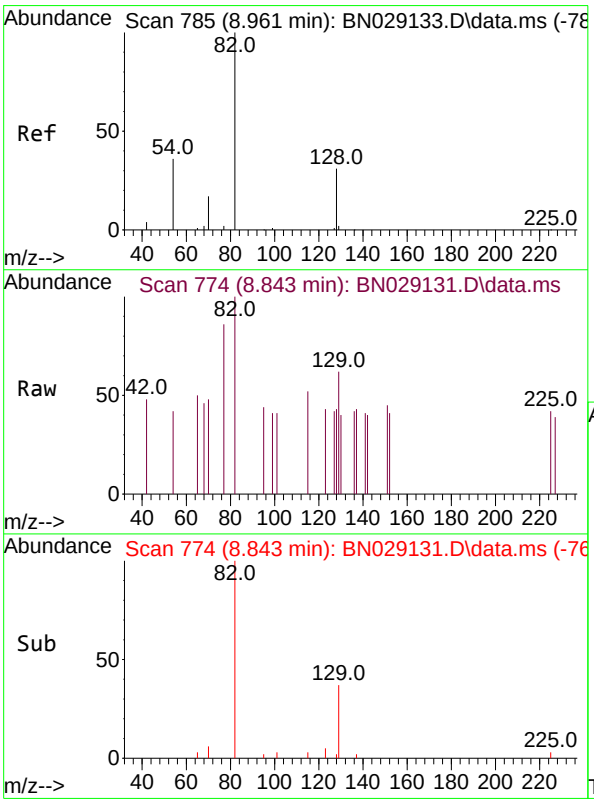
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 1728

Ion	Ratio	Lower	Upper
136	100		
137	15.8	13.4	20.0
54	12.1	8.6	13.0
68	9.5	8.0	12.0

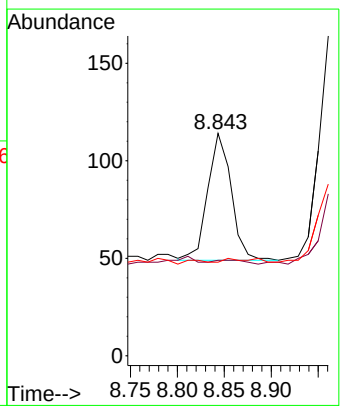


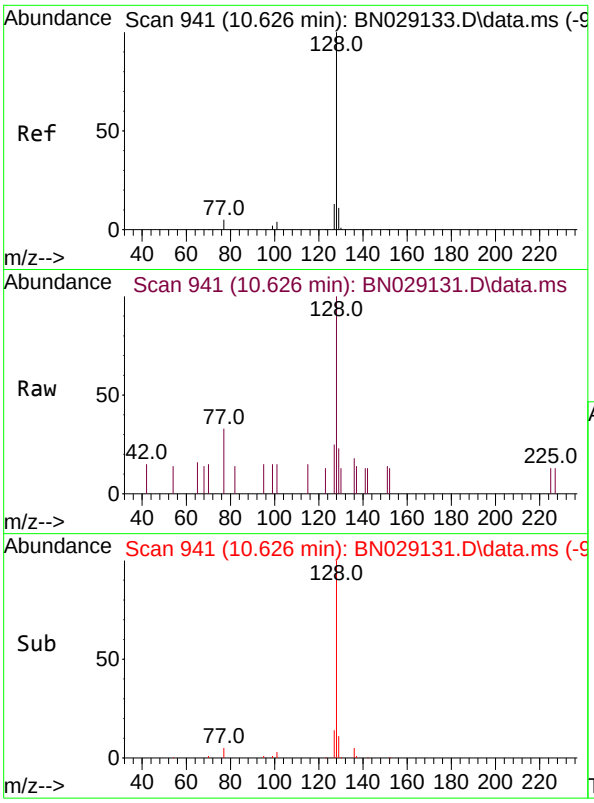


#8
Nitrobenzene-d5
Concen: 0.050 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.118 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion: 82 Resp: 113

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.0	49.4
54	42.1	35.8	53.8



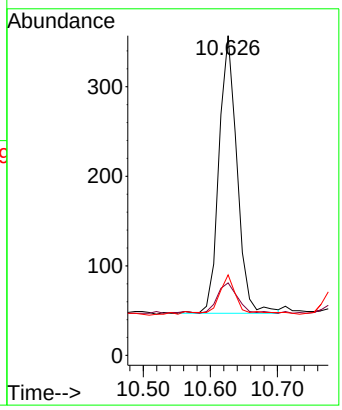


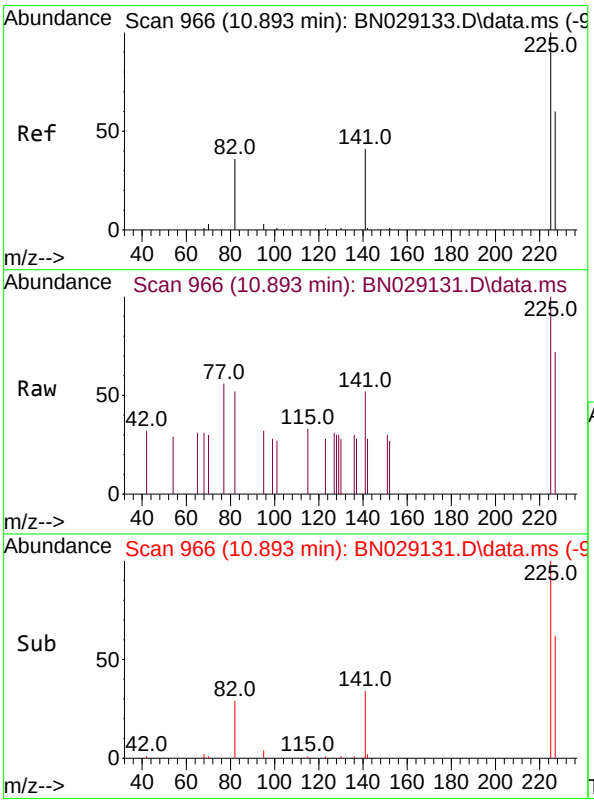
#9
Naphthalene
Concen: 0.103 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 580

Ion	Ratio	Lower	Upper
128	100		
129	22.7	12.0	18.0#
127	25.2	14.1	21.1#

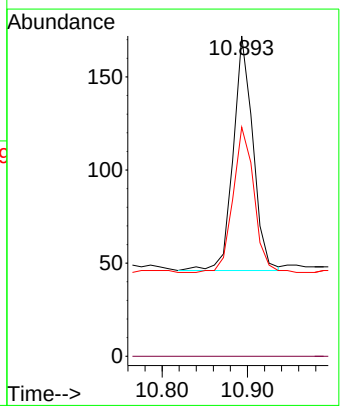


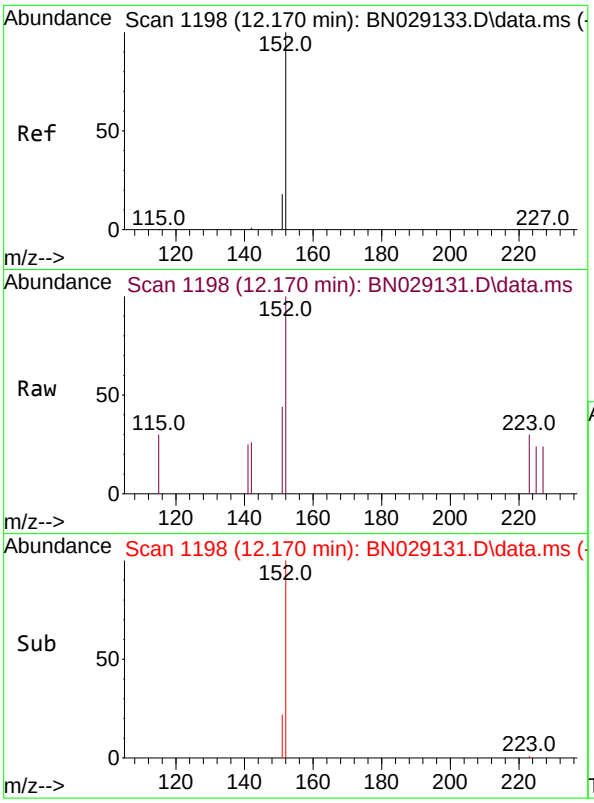


#10
Hexachlorobutadiene
Concen: 0.109 ng
RT: 10.893 min Scan# 966
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:225 Resp: 202

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.8	50.7	76.1



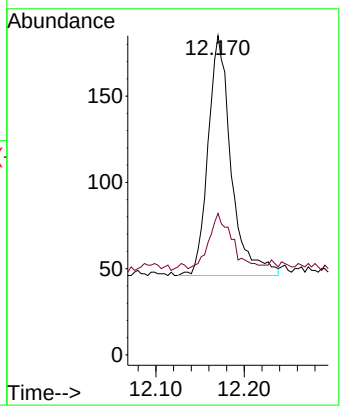


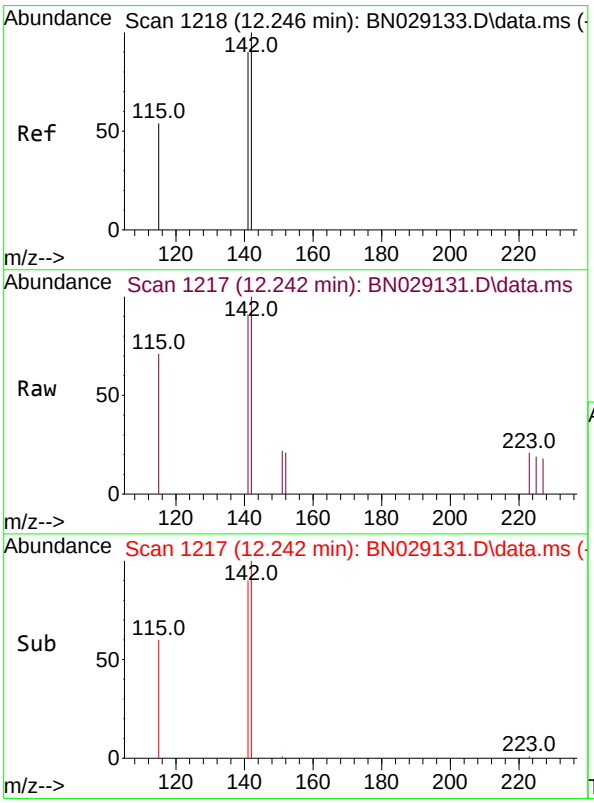
#11
2-Methylnaphthalene-d10
Concen: 0.096 ng
RT: 12.170 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 252

Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.4	26.2

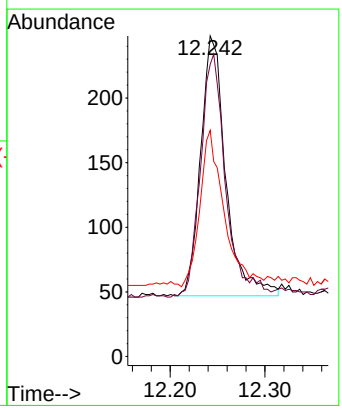


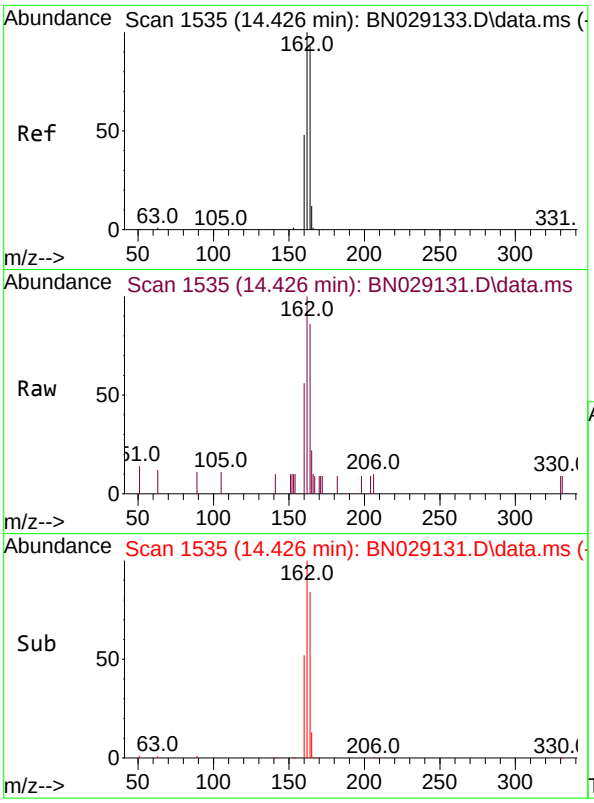


#12
2-Methylnaphthalene
Concen: 0.101 ng
RT: 12.242 min Scan# 1217
Delta R.T. -0.004 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:142 Resp: 370

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.0	109.4
115	70.6	46.8	70.2#





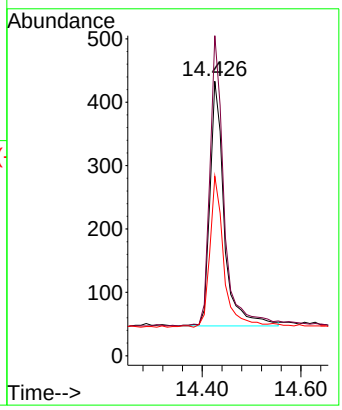
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.426 min Scan# 1

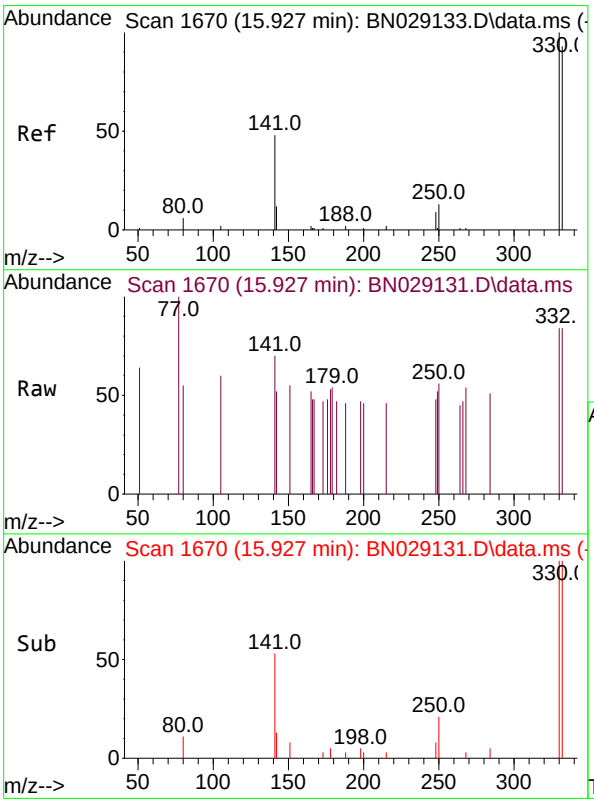
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:164 Resp: 776

Ion	Ratio	Lower	Upper
164	100		
162	116.6	85.0	127.4
160	65.4	45.8	68.8

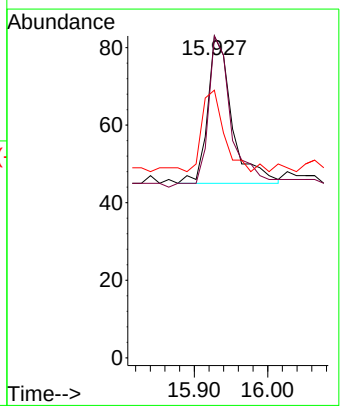


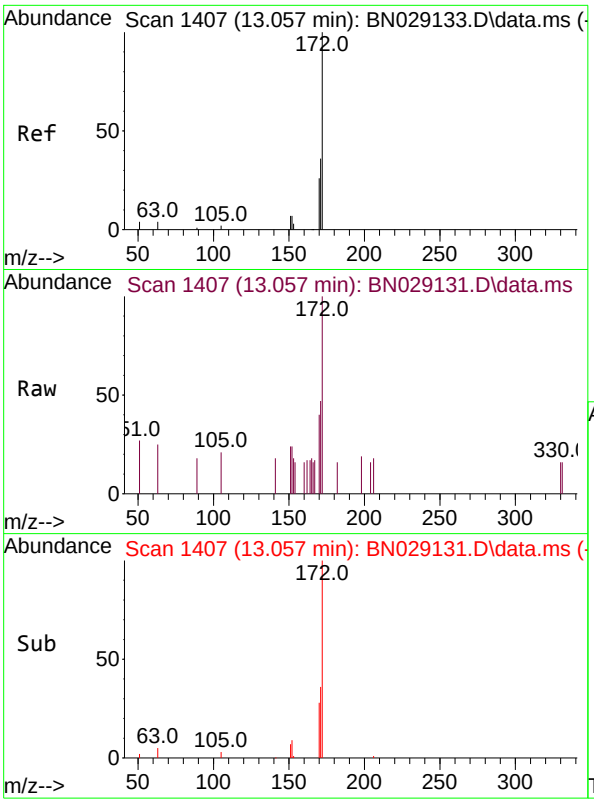


#14
2,4,6-Tribromophenol
Concen: 0.128 ng
RT: 15.927 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:330 Resp: 87

Ion	Ratio	Lower	Upper
330	100		
332	101.1	83.4	125.0
141	51.7	43.8	65.8



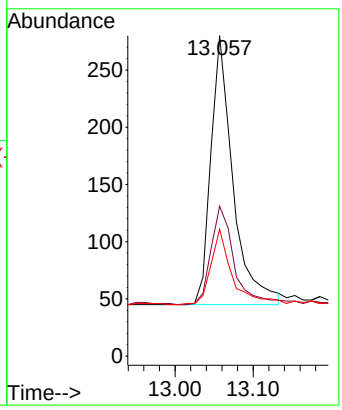


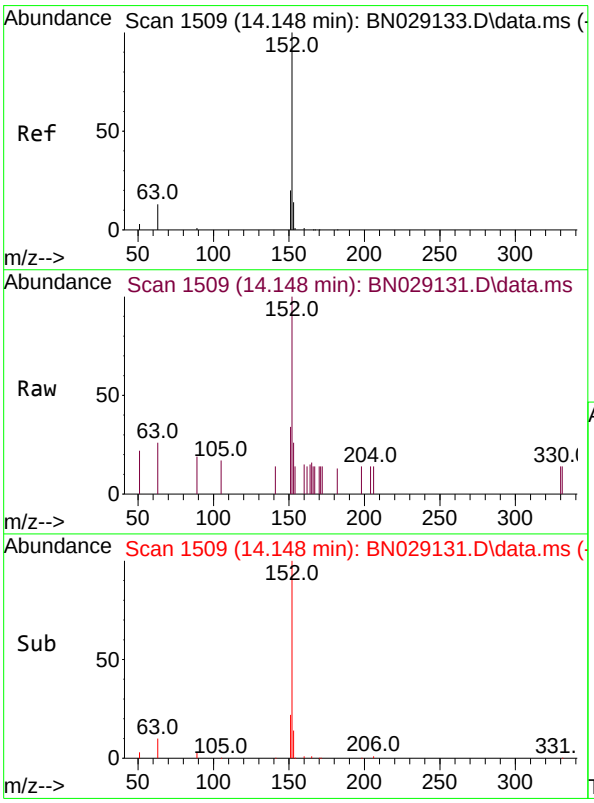
#15
2-Fluorobiphenyl
Concen: 0.102 ng
RT: 13.057 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 463

Ion	Ratio	Lower	Upper
172	100		
171	46.8	32.2	48.4
170	39.6	25.0	37.4#

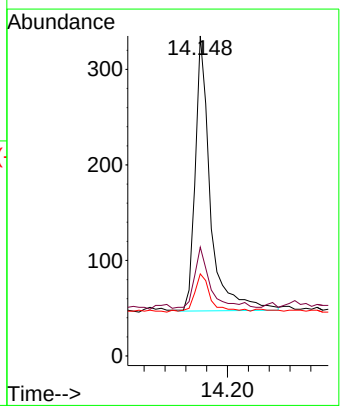


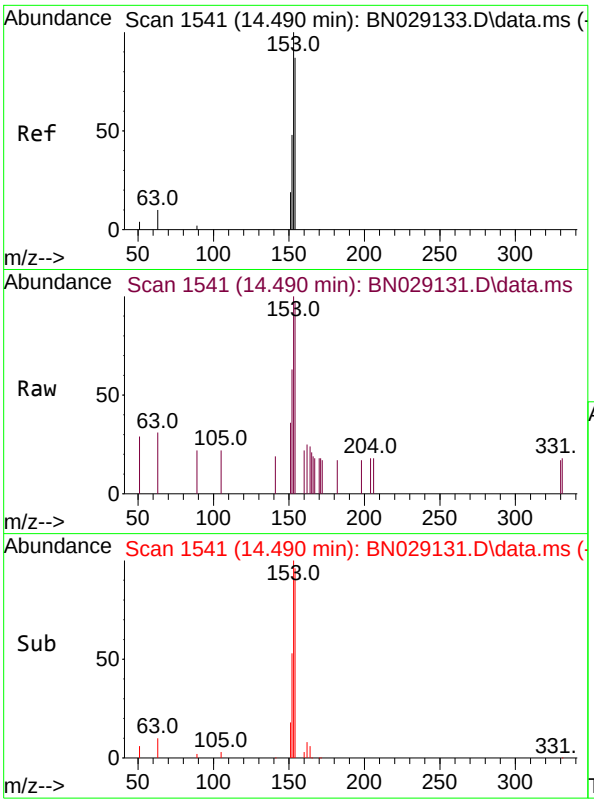


#16
Acenaphthylene
Concen: 0.106 ng
RT: 14.148 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:152 Resp: 580

Ion	Ratio	Lower	Upper
152	100		
151	23.8	16.3	24.5
153	15.0	10.1	15.1



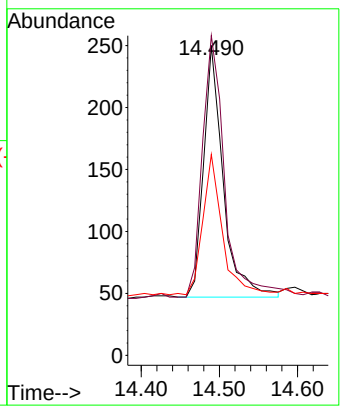


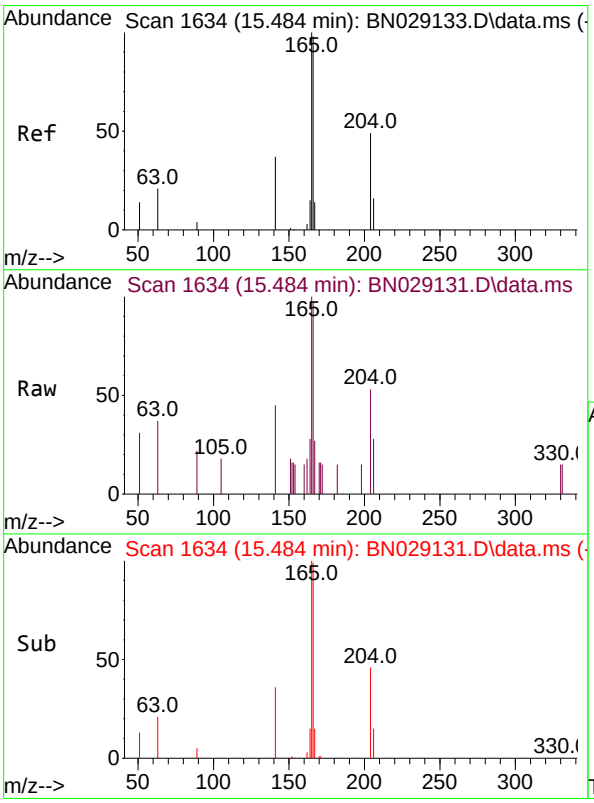
#17
Acenaphthene
Concen: 0.108 ng
RT: 14.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 355

Ion	Ratio	Lower	Upper
154	100		
153	118.6	99.9	149.9
152	55.2	47.4	71.2

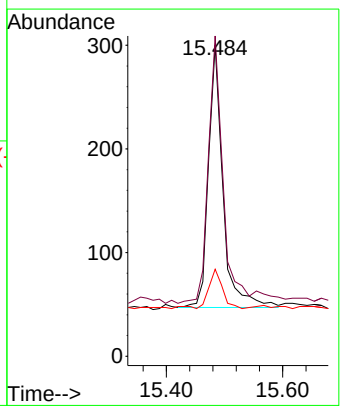


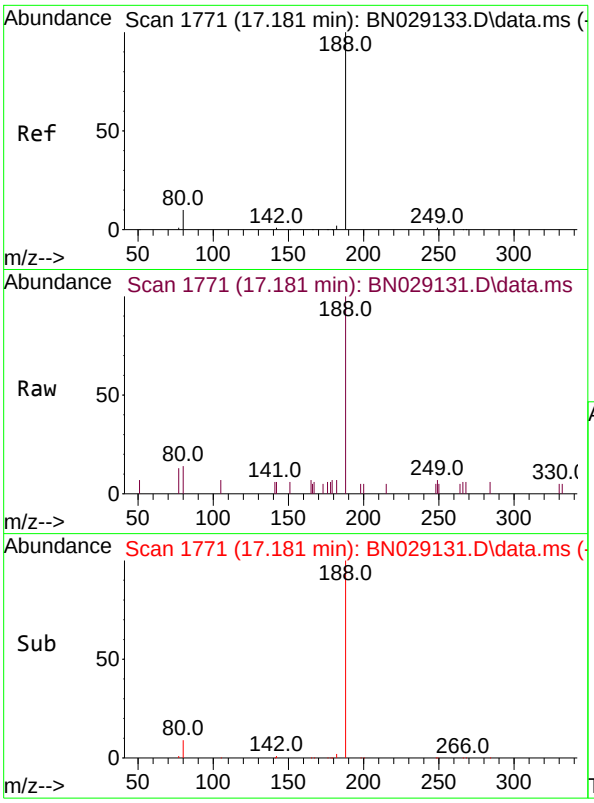


#18
Fluorene
Concen: 0.105 ng
RT: 15.484 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:166 Resp: 465

Ion	Ratio	Lower	Upper
166	100		
165	108.0	84.3	126.5
167	13.5	11.8	17.8



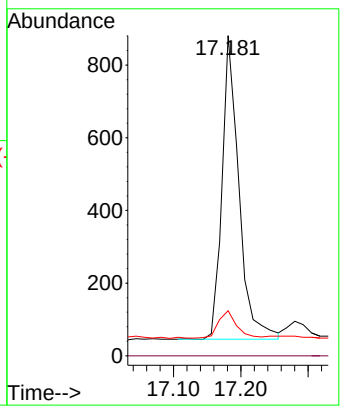


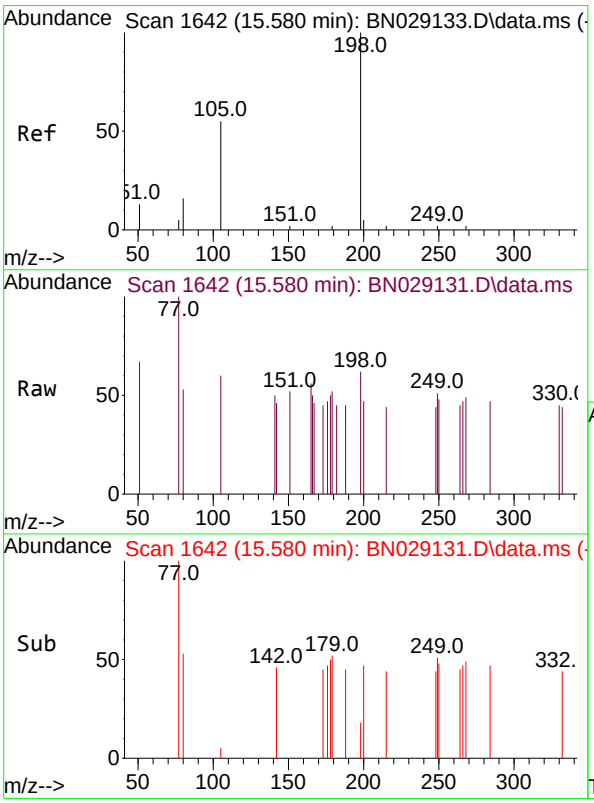
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 1453

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	13.7	20.5

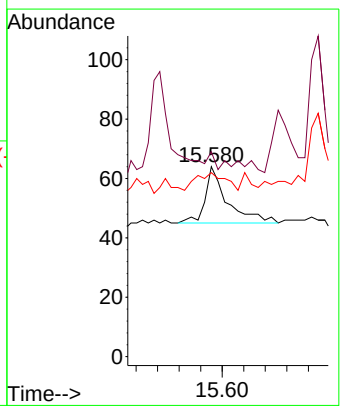


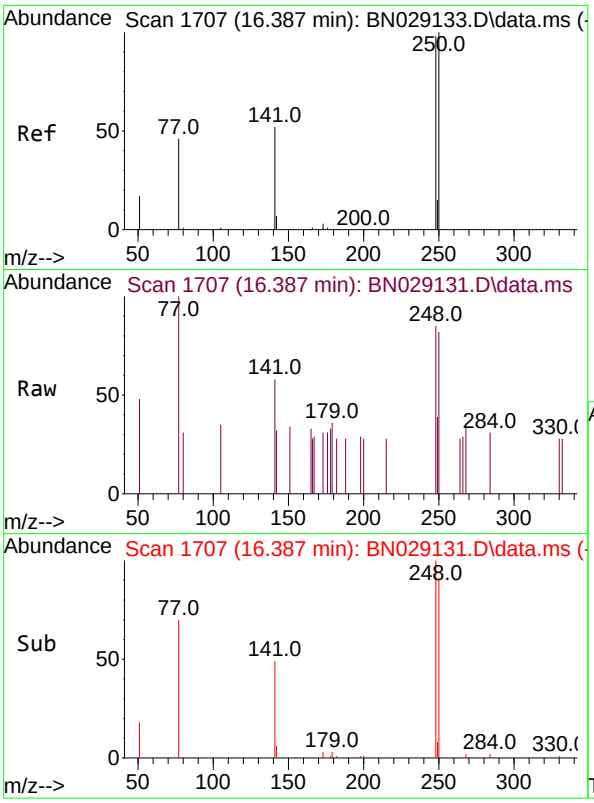


#20
4,6-Dinitro-2-methylphenol
Concen: 0.144 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:198 Resp: 54

Ion	Ratio	Lower	Upper
198	100		
51	107.8	53.6	80.4#
105	96.9	65.6	98.4



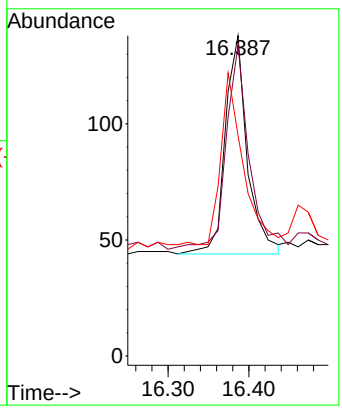


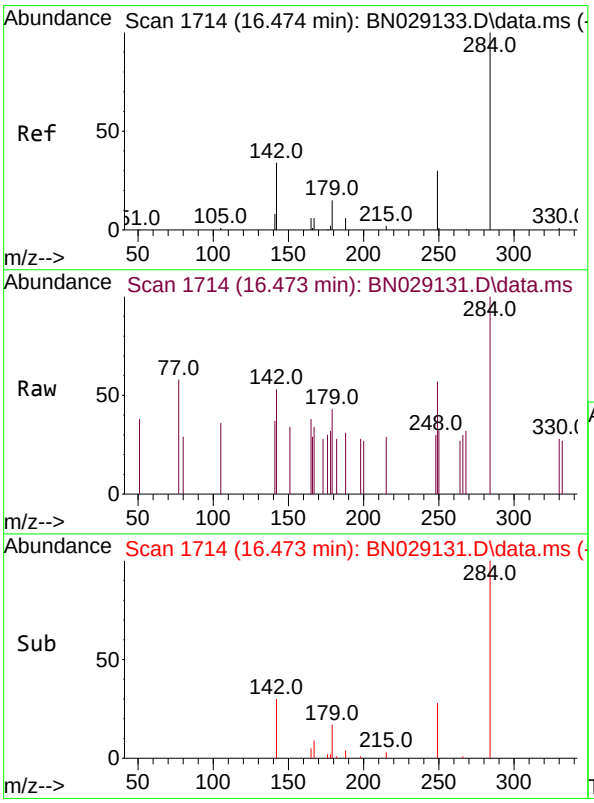
#21
4-Bromophenyl-phenylether
Concen: 0.119 ng
RT: 16.387 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 179

Ion	Ratio	Lower	Upper
248	100		
250	97.1	82.2	123.2
141	68.8	49.7	74.5

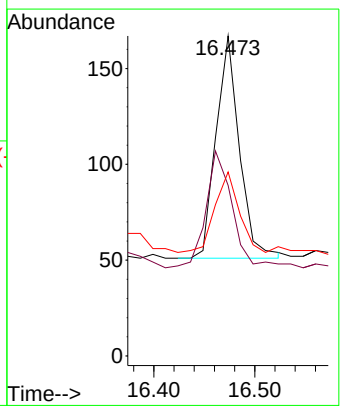


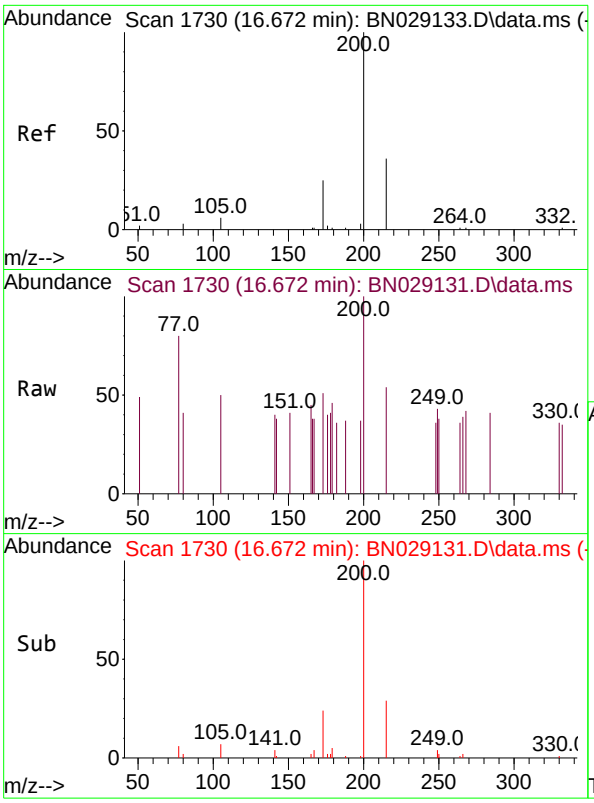


#22
Hexachlorobenzene
Concen: 0.106 ng
RT: 16.473 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:284 Resp: 186

Ion	Ratio	Lower	Upper
284	100		
142	59.1	46.9	70.3
249	37.6	28.6	43.0



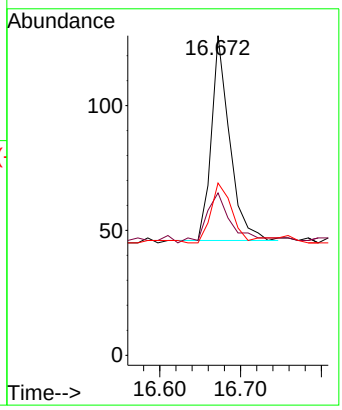


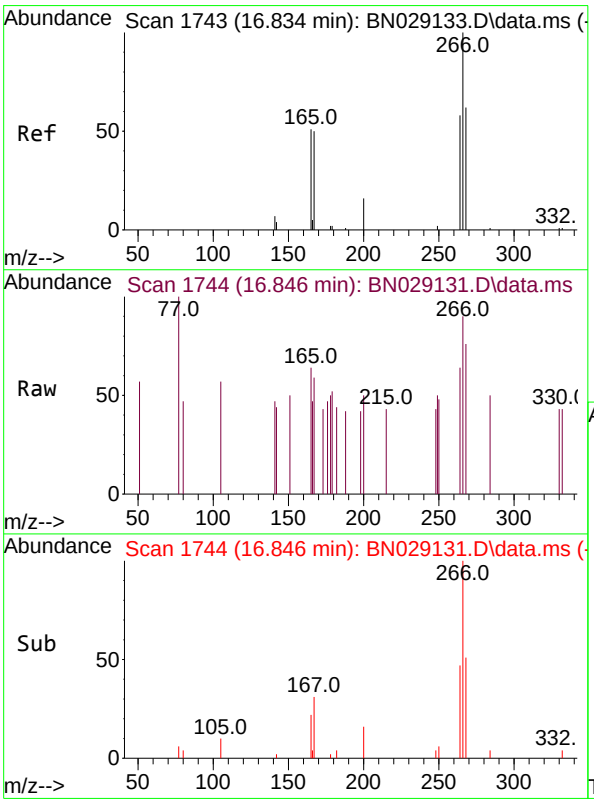
#23
Atrazine
Concen: 0.103 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 129

Ion	Ratio	Lower	Upper
200	100		
173	50.8	31.4	47.2#
215	53.9	38.5	57.7

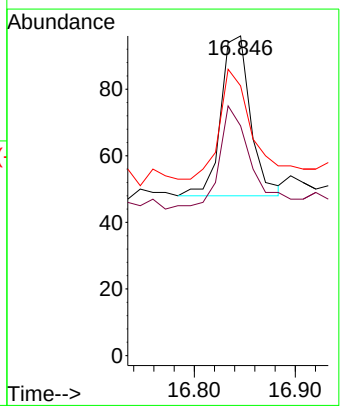


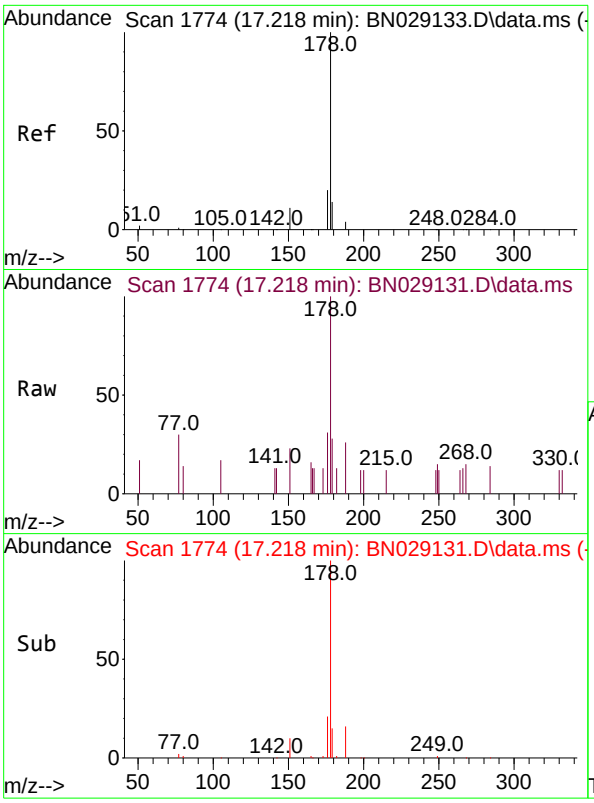


#24
Pentachlorophenol
Concen: 0.094 ng
RT: 16.846 min Scan# 1744
Delta R.T. 0.012 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:266 Resp: 98

Ion	Ratio	Lower	Upper
266	100		
264	64.3	45.0	67.6
268	91.8	55.5	83.3#



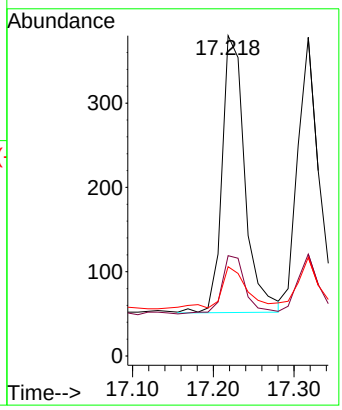


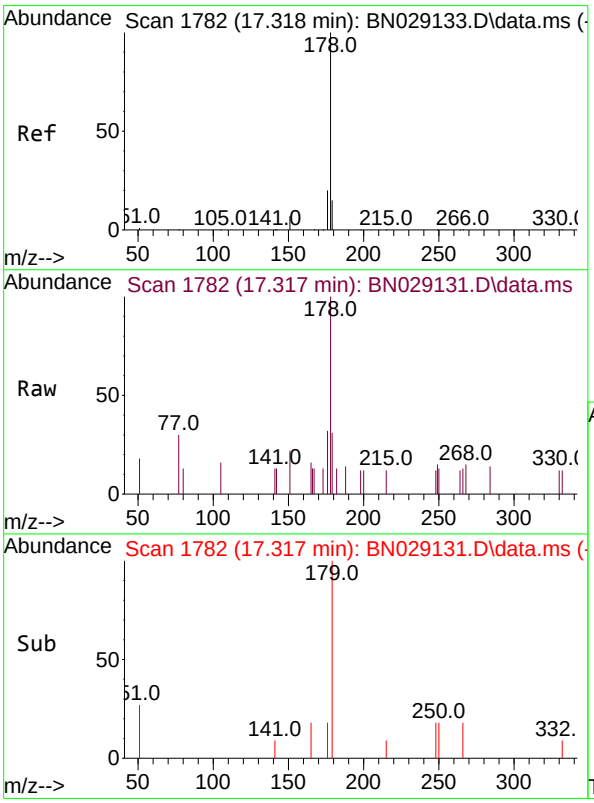
#25
Phenanthrene
Concen: 0.108 ng
RT: 17.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 648

Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.4	26.0
179	17.3	13.7	20.5

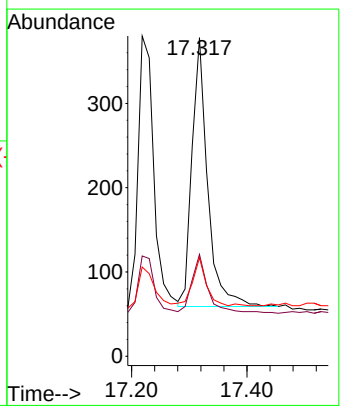


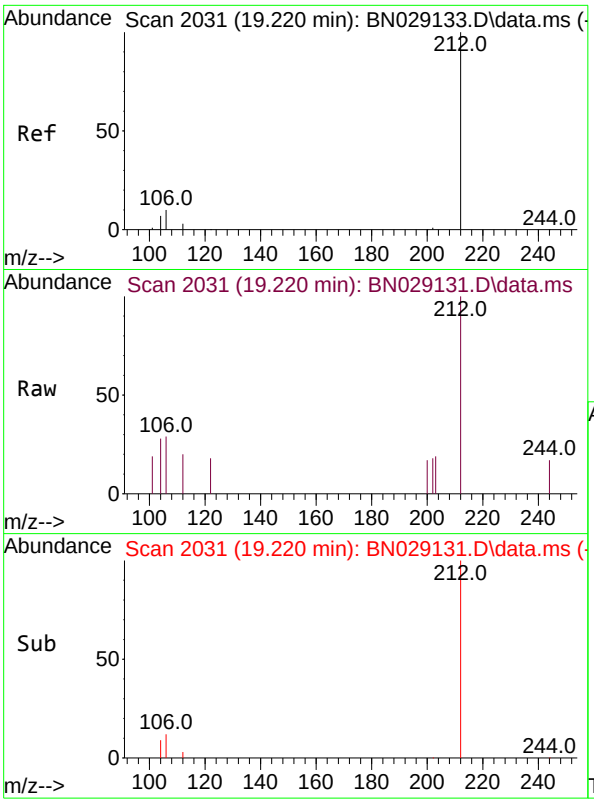


#26
Anthracene
Concen: 0.104 ng
RT: 17.317 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:178 Resp: 603

Ion	Ratio	Lower	Upper
178	100		
176	23.1	15.8	23.8
179	15.9	11.4	17.0



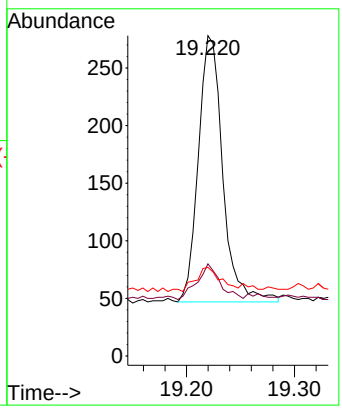


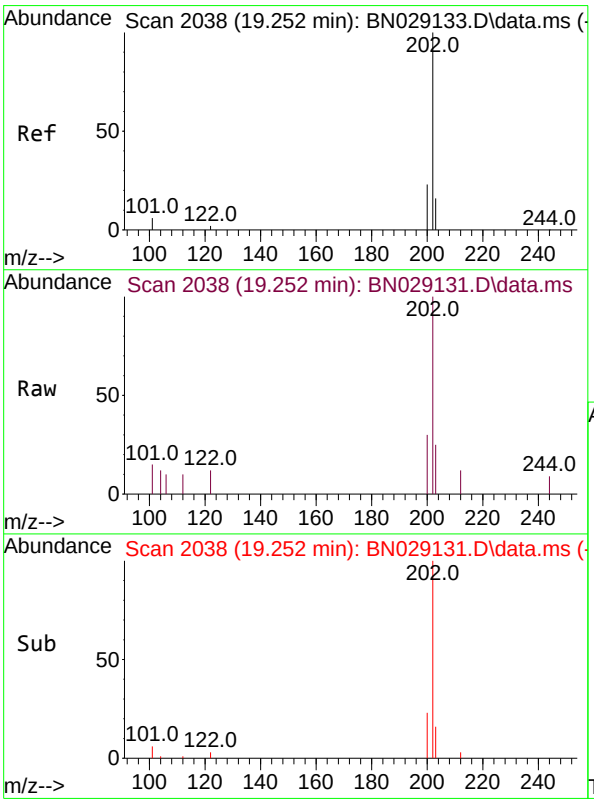
#27
Fluoranthene-d10
Concen: 0.103 ng
RT: 19.220 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 363

Ion	Ratio	Lower	Upper
212	100		
106	12.7	9.6	14.4
104	8.8	6.5	9.7

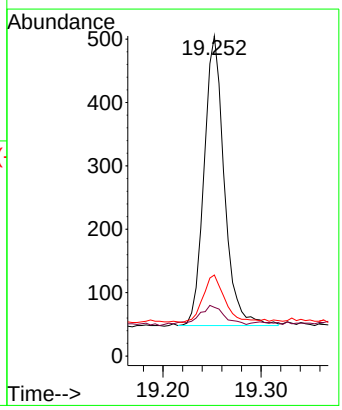


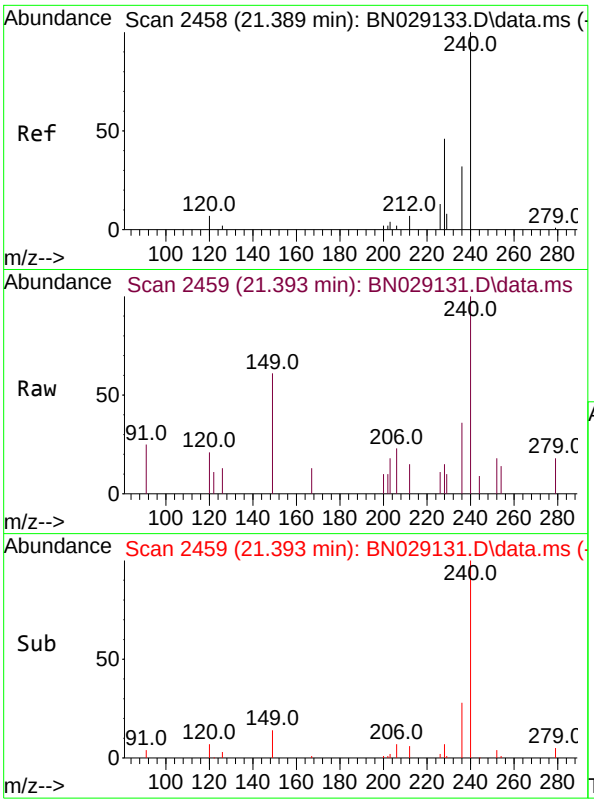


#28
Fluoranthene
Concen: 0.106 ng
RT: 19.252 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:202 Resp: 654

Ion	Ratio	Lower	Upper
202	100		
101	9.5	5.3	7.9#
203	17.7	13.8	20.6



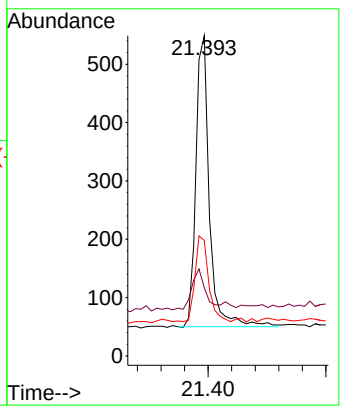


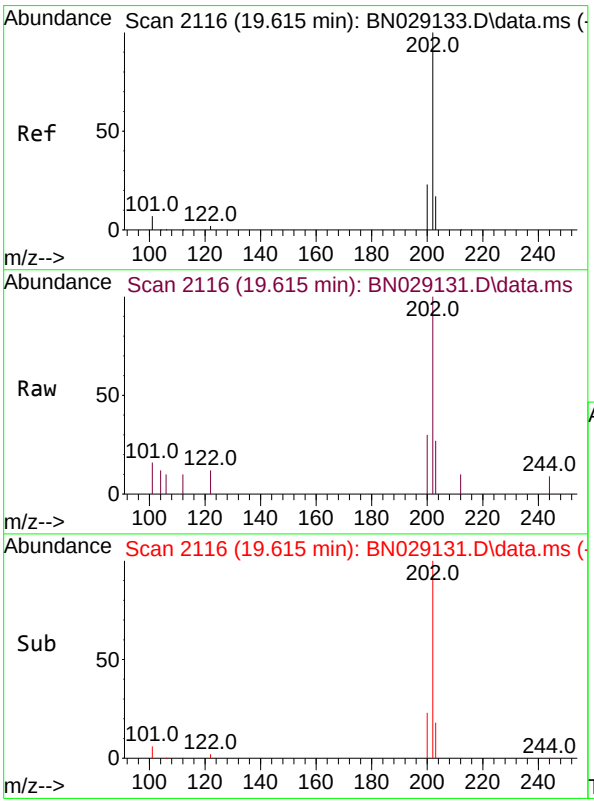
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 791

Ion	Ratio	Lower	Upper
240	100		
120	21.3	21.4	32.0#
236	36.1	33.5	50.3

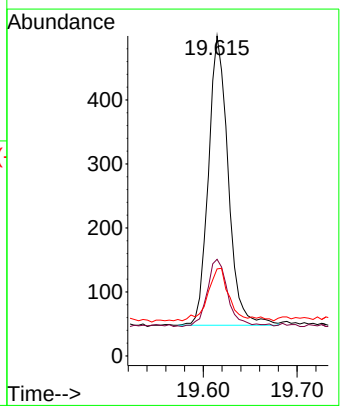


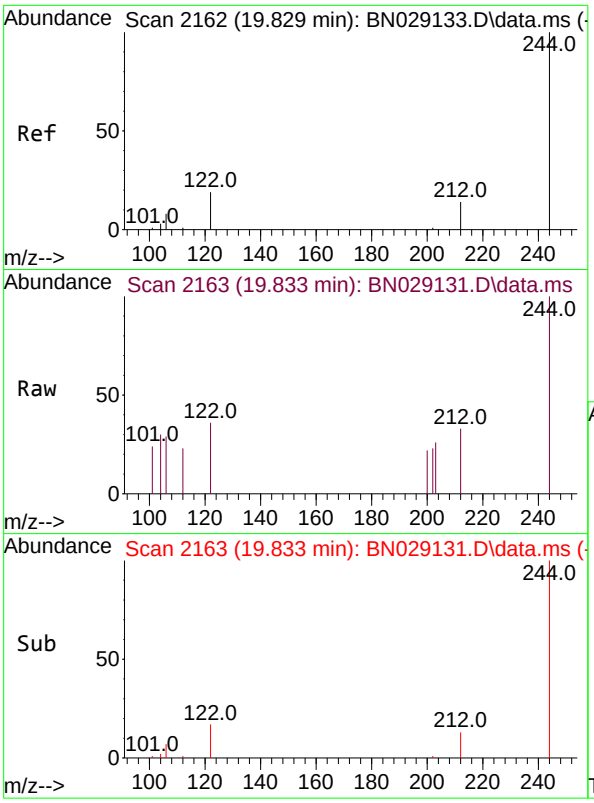


#30
Pyrene
Concen: 0.106 ng
RT: 19.615 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:202 Resp: 662

Ion	Ratio	Lower	Upper
202	100		
200	24.5	18.0	27.0
203	18.9	15.1	22.7



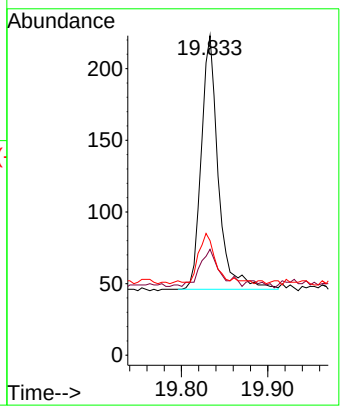


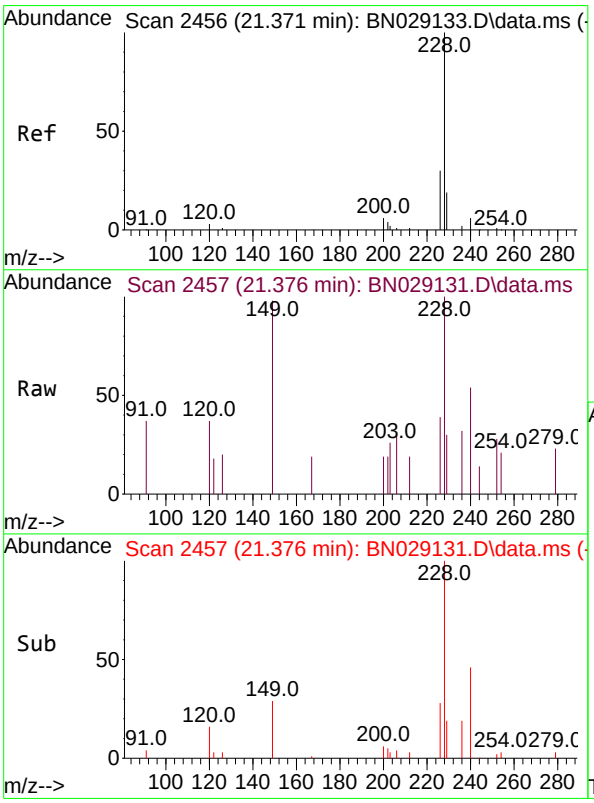
#31
Terphenyl-d14
Concen: 0.112 ng
RT: 19.833 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 243

Ion	Ratio	Lower	Upper
244	100		
212	33.2	19.0	28.6#
122	35.9	22.5	33.7#

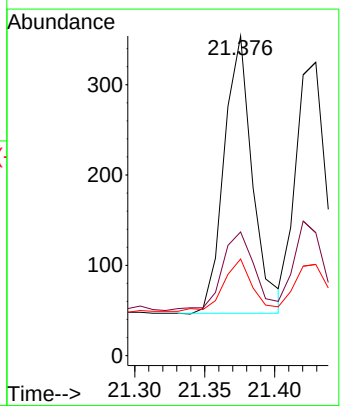


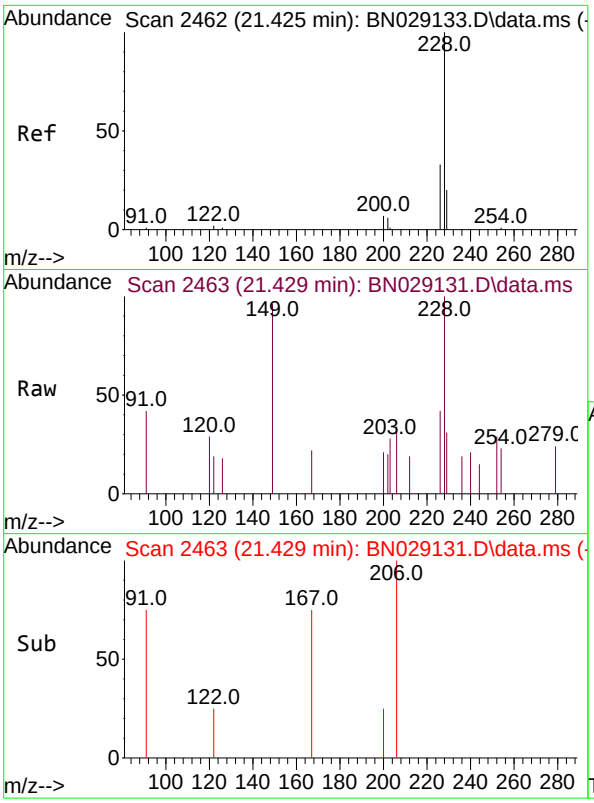


#32
Benzo(a)anthracene
Concen: 0.100 ng
RT: 21.376 min Scan# 2457
Delta R.T. 0.005 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:228 Resp: 433

Ion	Ratio	Lower	Upper
228	100		
226	38.7	27.6	41.4
229	30.2	19.4	29.0#



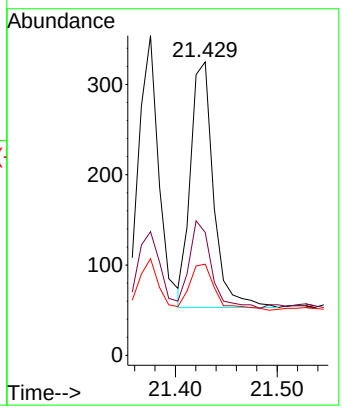


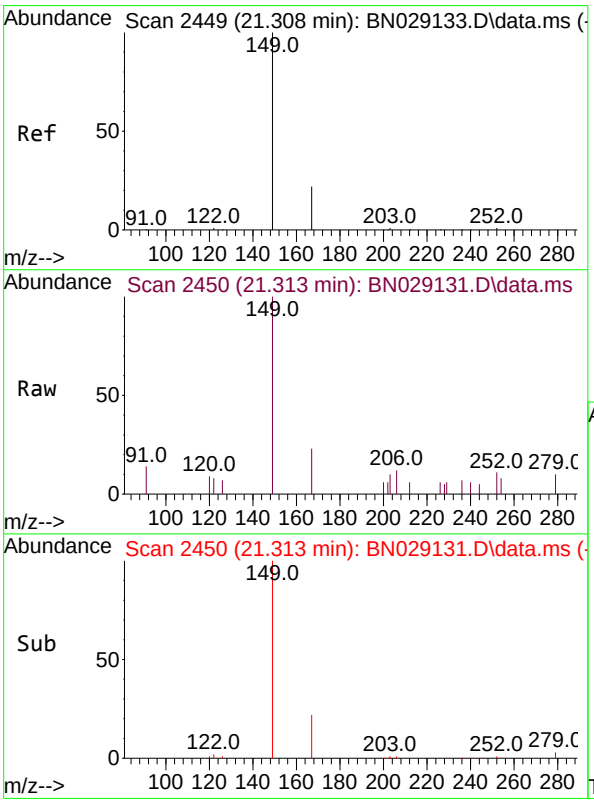
#33
Chrysene
Concen: 0.100 ng
RT: 21.429 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 428

Ion	Ratio	Lower	Upper
228	100		
226	41.8	29.2	43.8
229	31.1	19.3	28.9#

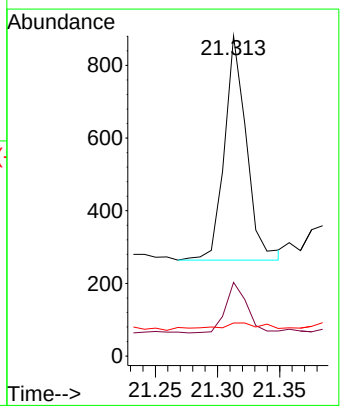


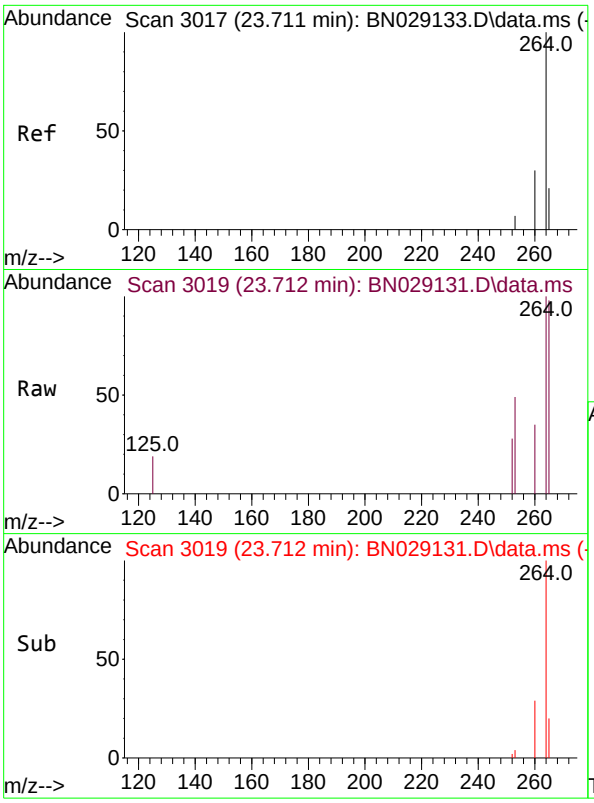


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 21.313 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:149 Resp: 760

Ion	Ratio	Lower	Upper
149	100		
167	22.0	20.7	31.1
279	8.6	2.5	3.7#



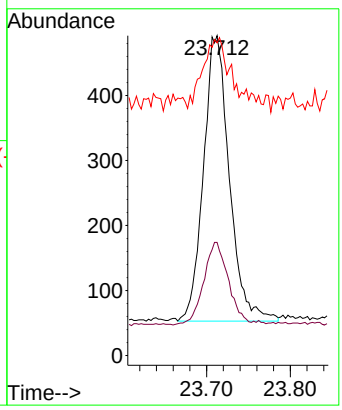


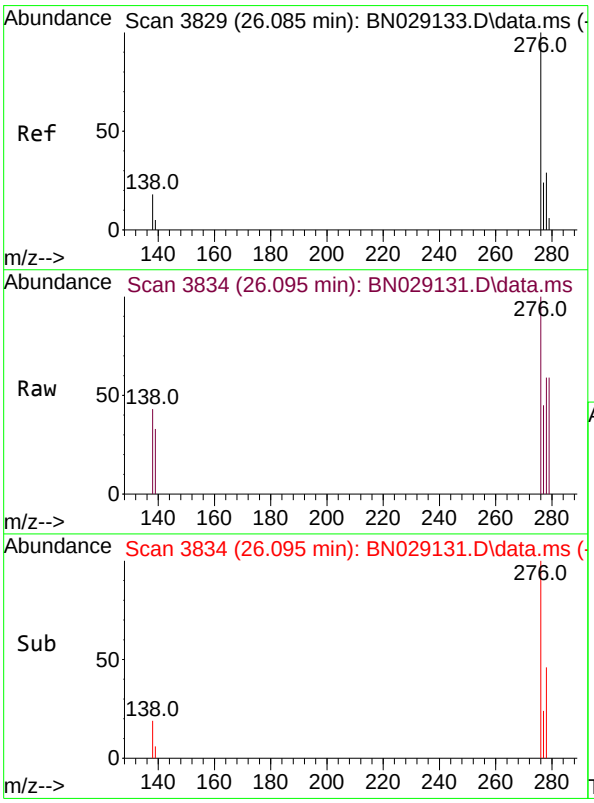
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 944

Ion	Ratio	Lower	Upper
264	100		
260	35.4	31.0	46.6
265	97.8	105.3	157.9#

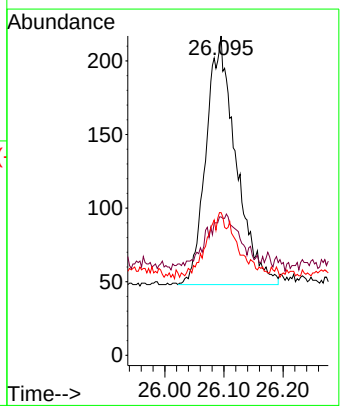


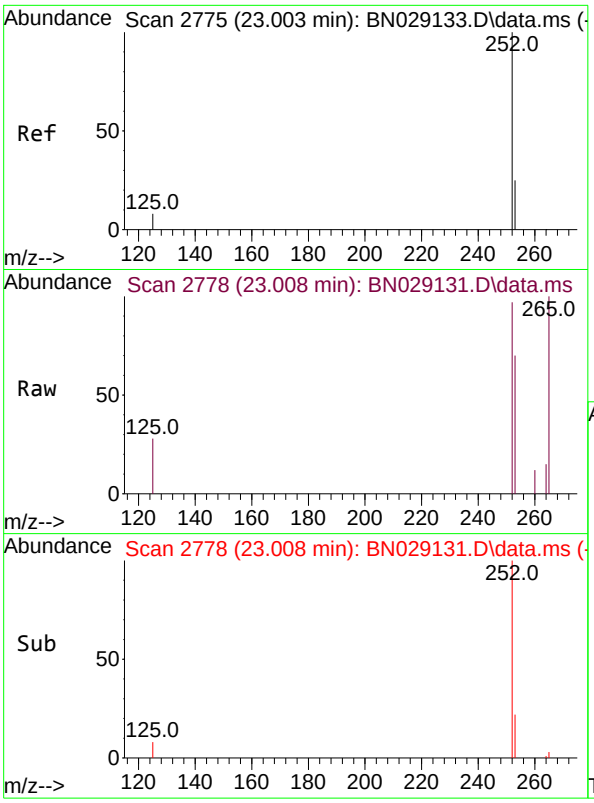


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng
RT: 26.095 min Scan# 3834
Delta R.T. 0.010 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:276 Resp: 591

Ion	Ratio	Lower	Upper
276	100		
138	1.7	7.8	11.6#
277	16.6	9.2	13.8#



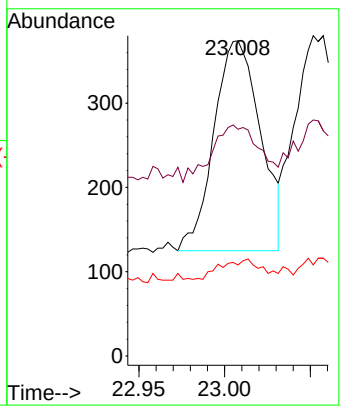


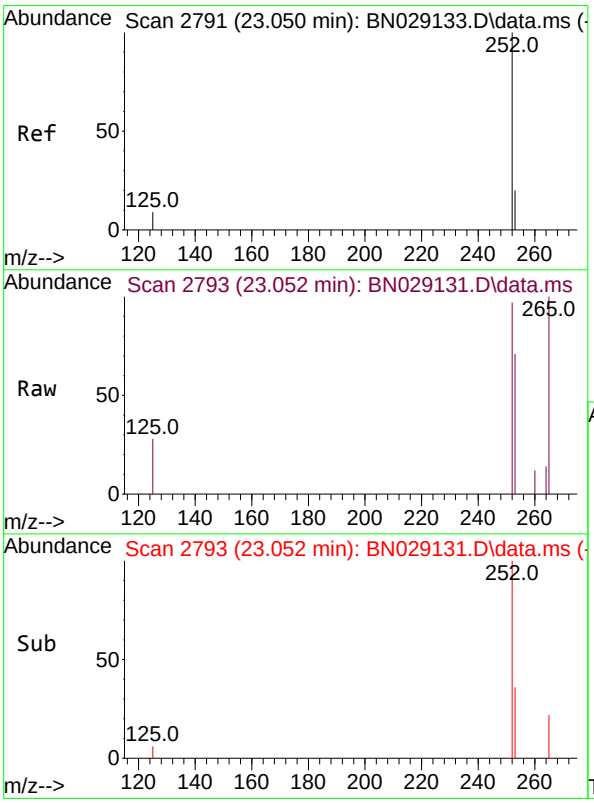
#37
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 23.008 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 470

Ion	Ratio	Lower	Upper
252	100		
253	71.9	36.0	54.0#
125	28.9	14.6	21.8#

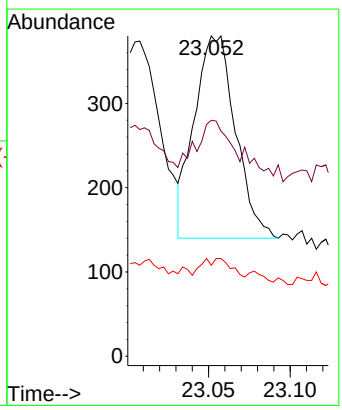


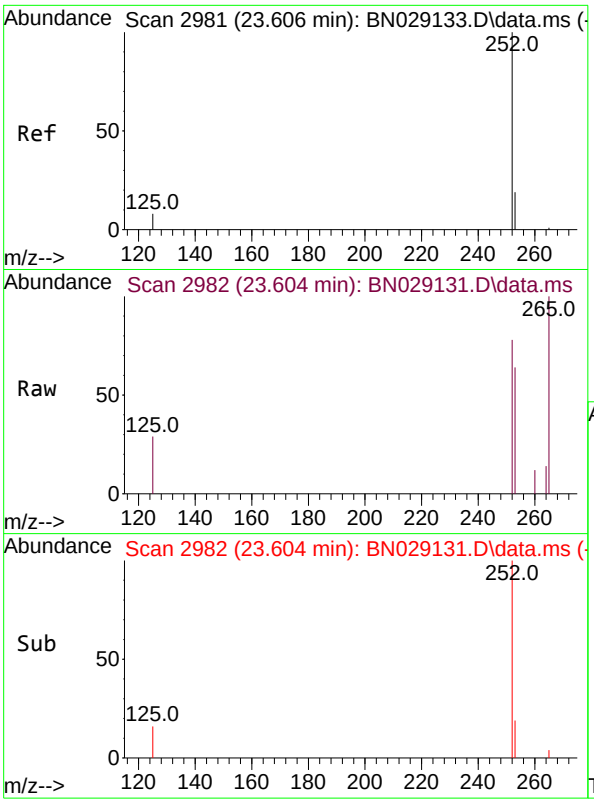


#38
Benzo(k)fluoranthene
Concen: 0.090 ng
RT: 23.052 min Scan# 2793
Delta R.T. 0.001 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:252 Resp: 423

Ion	Ratio	Lower	Upper
252	100		
253	73.7	35.0	52.6#
125	28.4	14.6	21.8#



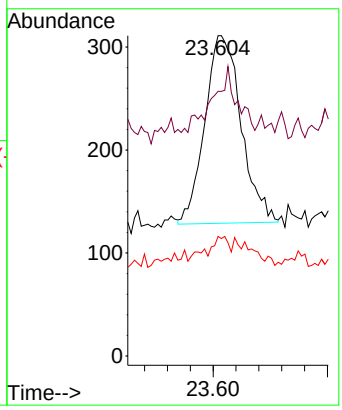


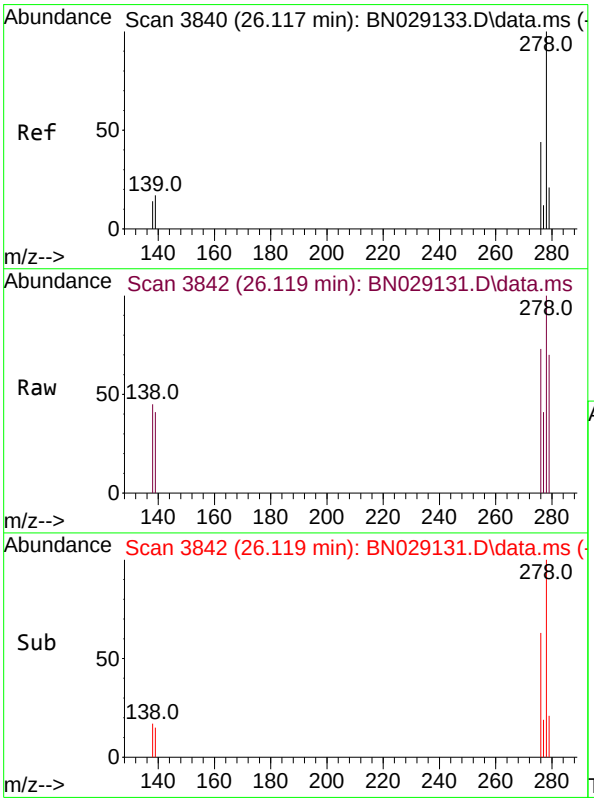
#39
Benzo(a)pyrene
Concen: 0.094 ng
RT: 23.604 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 402

Ion	Ratio	Lower	Upper
252	100		
253	82.6	40.3	60.5#
125	37.3	16.7	25.1#

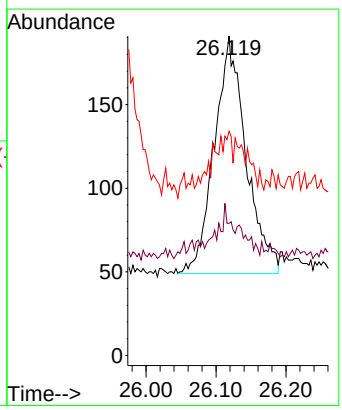


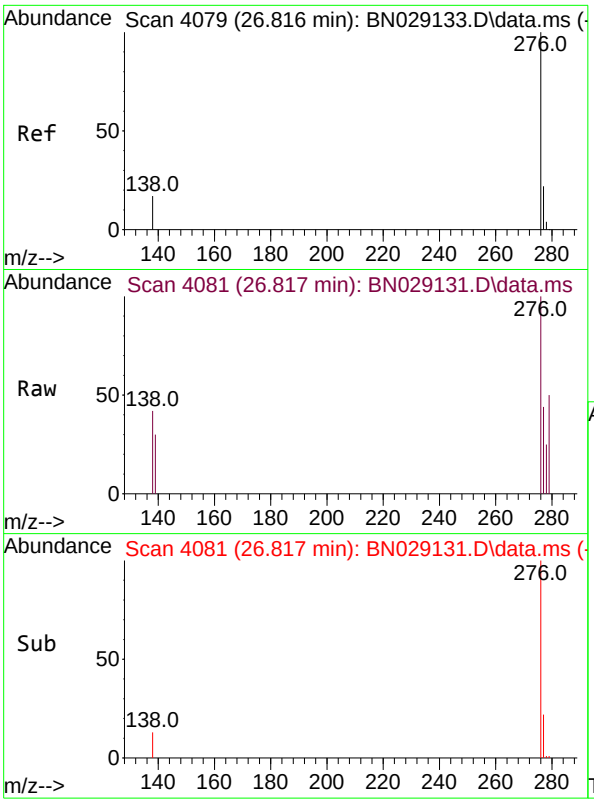


#40
Dibenzo(a,h)anthracene
Concen: 0.096 ng
RT: 26.119 min Scan# 3842
Delta R.T. 0.001 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Tgt Ion:278 Resp: 447

Ion	Ratio	Lower	Upper
278	100		
139	41.4	24.2	36.2#
279	70.2	34.9	52.3#





#41
Benzo(g,h,i)perylene
Concen: 0.099 ng
RT: 26.817 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN029131.D
Acq: 20 Dec 2023 13:04

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 511

Ion	Ratio	Lower	Upper
276	100		
277	43.6	25.5	38.3#
138	41.7	22.9	34.3#