Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092922\
Data File : BN021948.D
Acq On : 28 Sep 2022 19:36
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Quant Time: Sep 30 02:28:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 02:27:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.033	152	4101	0.400	ng		0.00
7) Naphthalene-d8	10.856	136	12266	0.400	ng		0.00
13) Acenaphthene-d10	14.686	164	6359	0.400	ng		0.00
19) Phenanthrene-d10	17.437	188	12764	0.400	ng		0.00
29) Chrysene-d12	21.628	240	9934	0.400	ng	#	0.00
35) Perylene-d12	24.129	264	8320	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.563	112	4224	0.387	ng		0.00
5) Phenol-d6	7.188	99	5259	0.381	ng		0.00
8) Nitrobenzene-d5	9.211	82	3880	0.379	ng		0.00
11) 2-Methylnaphthalene-d10	12.448	152	10092	0.381	ng		0.00
14) 2,4,6-Tribromophenol	16.184	330	938	0.344	ng		0.00
15) 2-Fluorobiphenyl	13.317	172	11412	0.406	ng		0.00
27) Fluoranthene-d10	19.471	212	13107	0.379	ng		0.00
31) Terphenyl-d14	20.060	244	9269	0.422	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.382	88	2166	0.373	ng		99
3) n-Nitrosodimethylamine	3.721	42	2278	0.388	ng		97
6) bis(2-Chloroethyl)ether	7.448	93	5269	0.392	ng		100
9) Naphthalene	10.909	128	14760	0.400	ng		100
10) Hexachlorobutadiene	11.187	225	2608	0.406	ng	#	100
12) 2-Methylnaphthalene	12.157	142	2490	0.343	ng		99
16) Acenaphthylene	14.408	152	10925	0.370	ng		99
17) Acenaphthene	14.750	154	8364	0.396	ng		99
18) Fluorene	15.737	166	10047	0.379	ng		96
20) 4,6-Dinitro-2-methylph...	15.824	198	453	0.274	ng	#	34
21) 4-Bromophenyl-phenylether	16.618	248	3150	0.391	ng		99
22) Hexachlorobenzene	16.742	284	3787	0.405	ng		100
23) Atrazine	16.891	200	2372	0.359	ng		99
24) Pentachlorophenol	17.090	266	1048	0.323	ng		98
25) Phenanthrene	17.475	178	17241	0.395	ng		100
26) Anthracene	17.574	178	13250	0.371	ng		99
28) Fluoranthene	19.501	202	17765	0.379	ng		100
30) Pyrene	19.863	202	17981	0.392	ng		98
32) Benzo(a)anthracene	21.610	228	14894	0.387	ng		98
33) Chrysene	21.663	228	16101	0.400	ng		99
34) Bis(2-ethylhexyl)phtha...	21.520	149	8230	0.356	ng		100
36) Indeno(1,2,3-cd)pyrene	26.754	276	17211	0.391	ng		99
37) Benzo(b)fluoranthene	23.357	252	15122	0.391	ng		99
38) Benzo(k)fluoranthene	23.407	252	14781	0.391	ng		99
39) Benzo(a)pyrene	24.015	252	11499	0.389	ng		99
40) Dibenzo(a,h)anthracene	26.775	278	13944	0.397	ng		99
41) Benzo(g,h,i)perylene	27.567	276	14467	0.377	ng		99

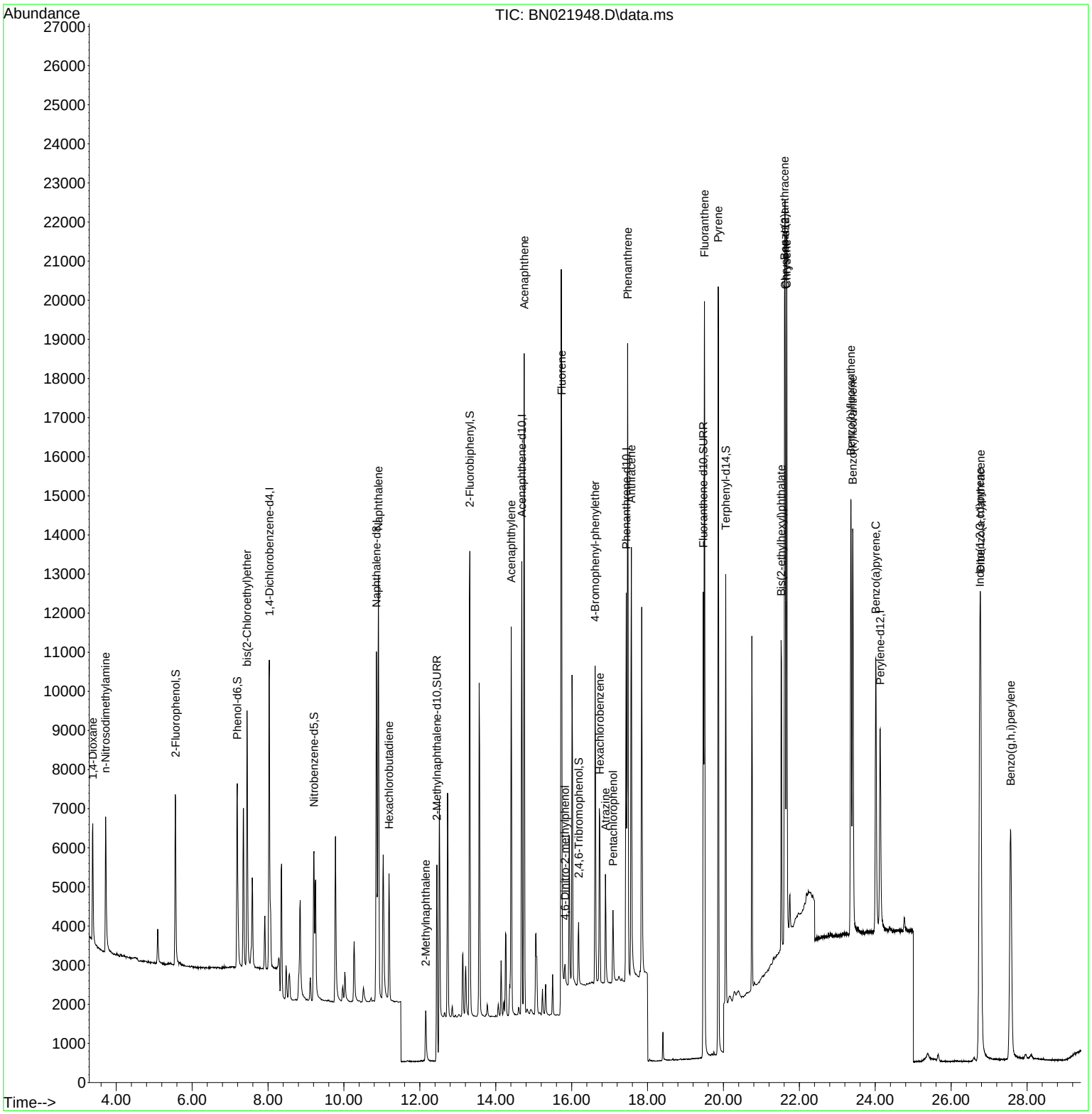
(#) = qualifier out of range (m) = manual integration (+) = signals summed

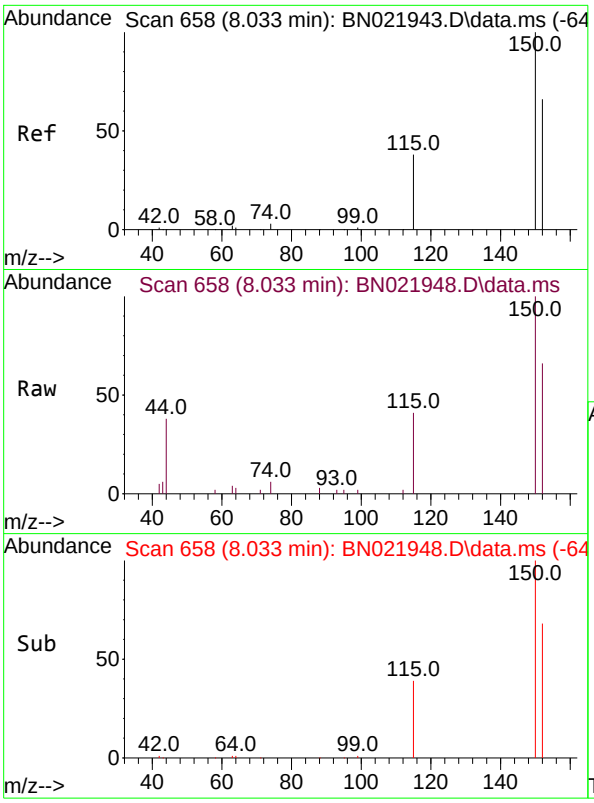
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092922\
Data File : BN021948.D
Acq On : 28 Sep 2022 19:36
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Quant Time: Sep 30 02:28:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 02:27:15 2022
Response via : Initial Calibration



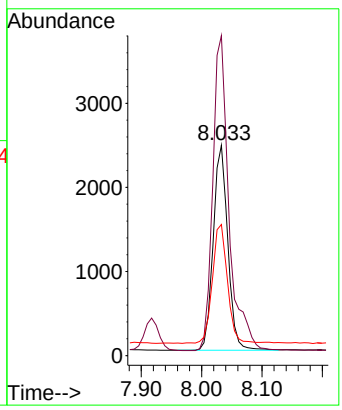


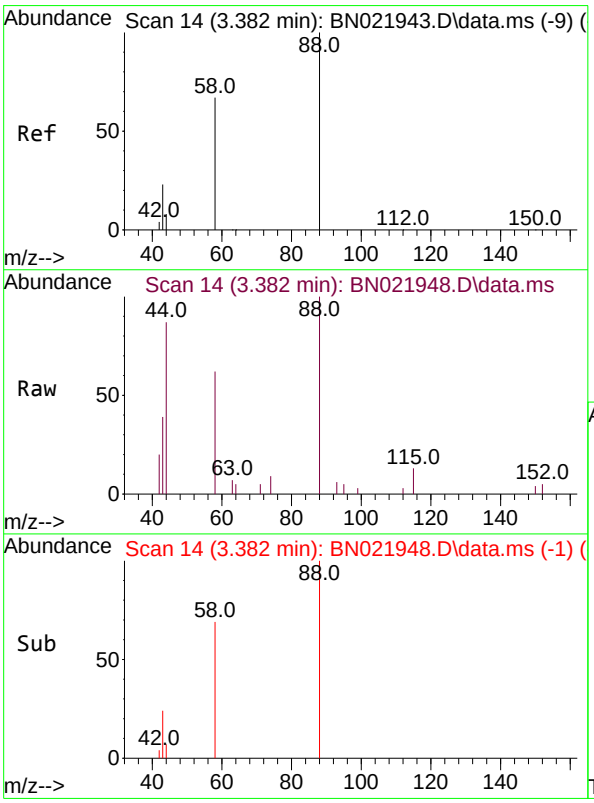
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.033 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:152 Resp: 4101

Ion	Ratio	Lower	Upper
152	100		
150	152.2	120.2	180.4
115	62.4	49.4	74.2

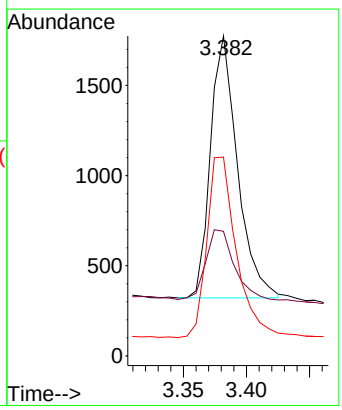


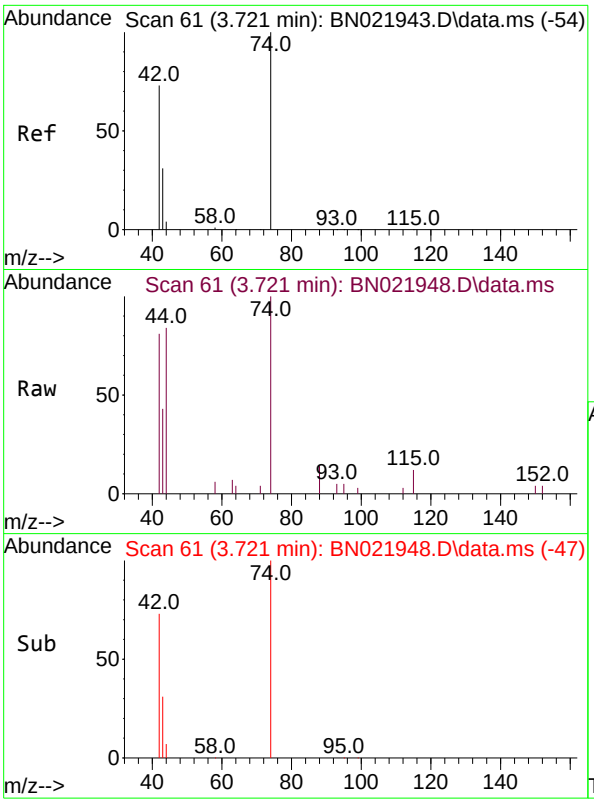


#2
1,4-Dioxane
Concen: 0.373 ng
RT: 3.382 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion: 88 Resp: 2166

Ion	Ratio	Lower	Upper
88	100		
43	28.4	23.8	35.6
58	74.9	59.8	89.8



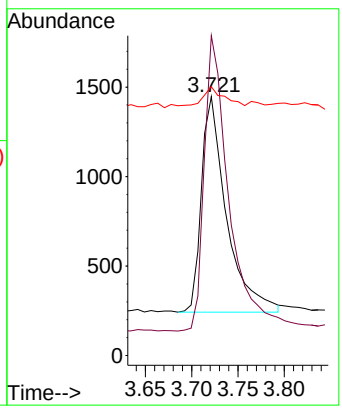


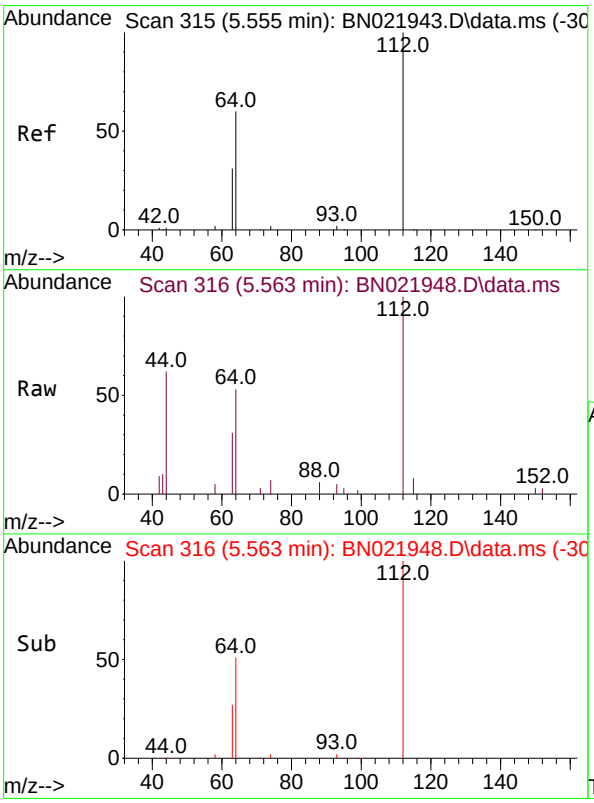
#3
n-Nitrosodimethylamine
Concen: 0.388 ng
RT: 3.721 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion: 42 Resp: 2278

Ion	Ratio	Lower	Upper
42	100		
74	134.6	105.0	157.4
44	9.3	9.0	13.4

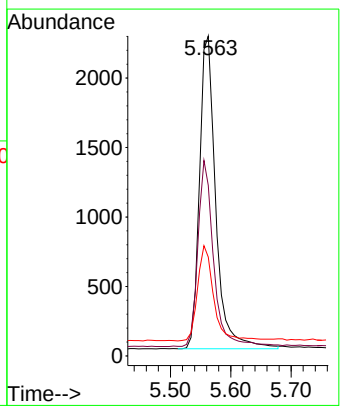


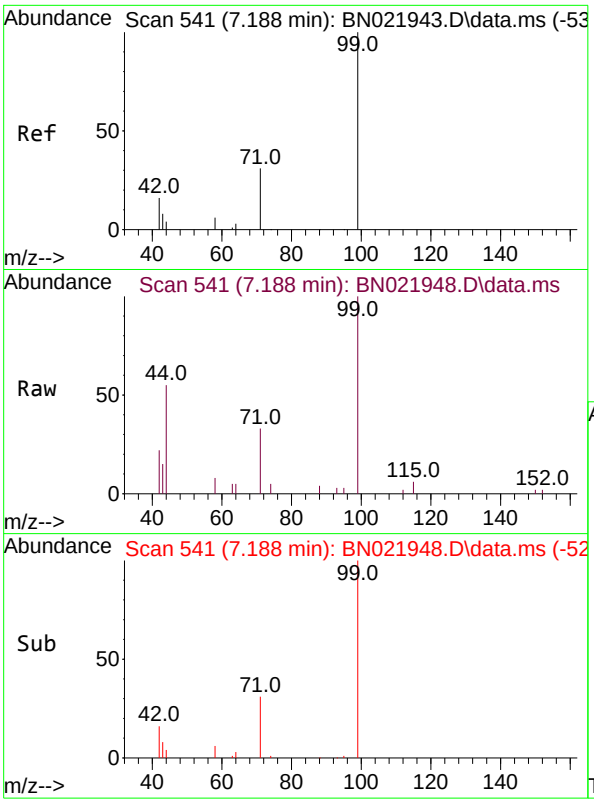


#4
2-Fluorophenol
Concen: 0.387 ng
RT: 5.563 min Scan# 316
Delta R.T. 0.007 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:112 Resp: 4224

Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.9	68.9
63	30.4	24.0	36.0



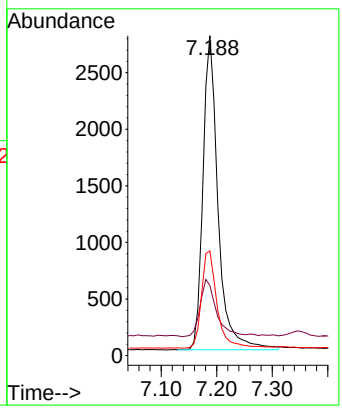


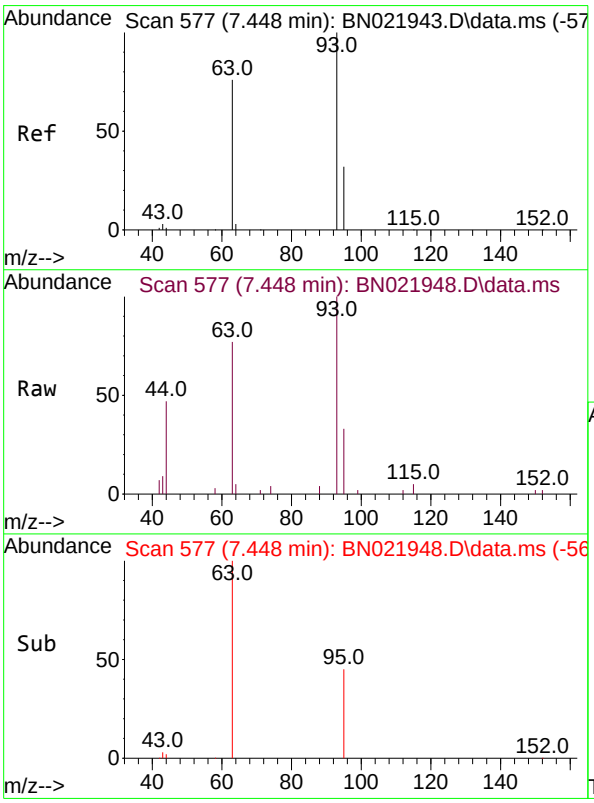
#5
Phenol-d6
Concen: 0.381 ng
RT: 7.188 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion: 99 Resp: 5259

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.9	23.9
71	32.1	25.9	38.9

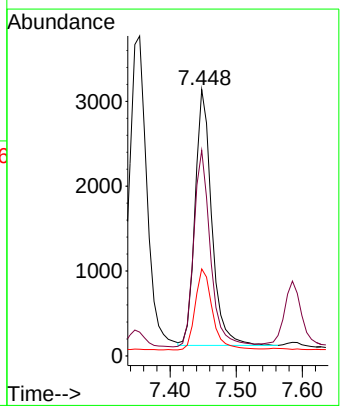


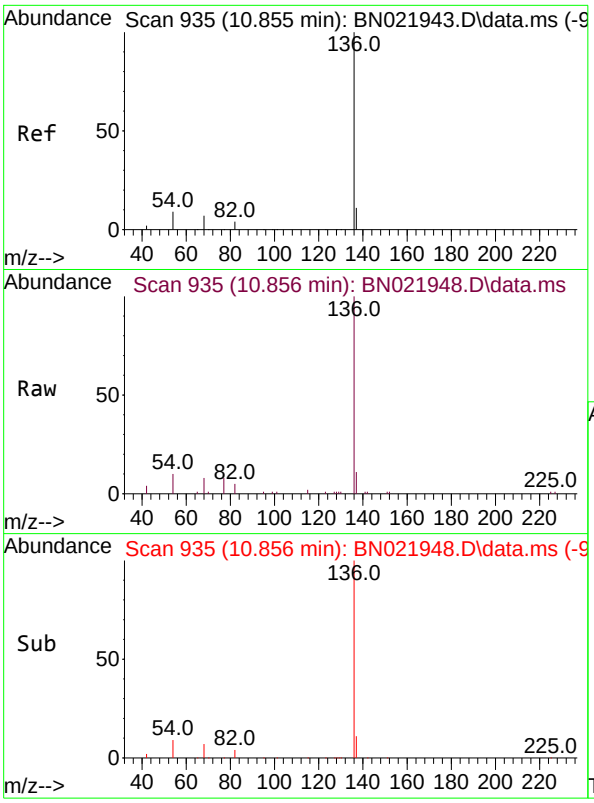


#6
bis(2-Chloroethyl)ether
Concen: 0.392 ng
RT: 7.448 min Scan# 577
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion: 93 Resp: 5269

Ion	Ratio	Lower	Upper
93	100		
63	77.3	61.6	92.4
95	33.0	26.6	40.0



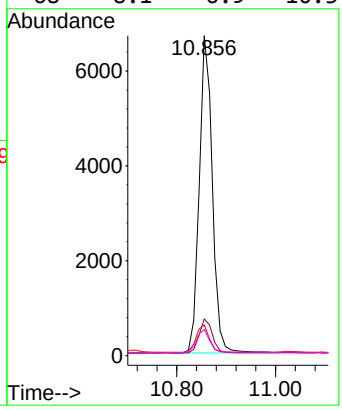


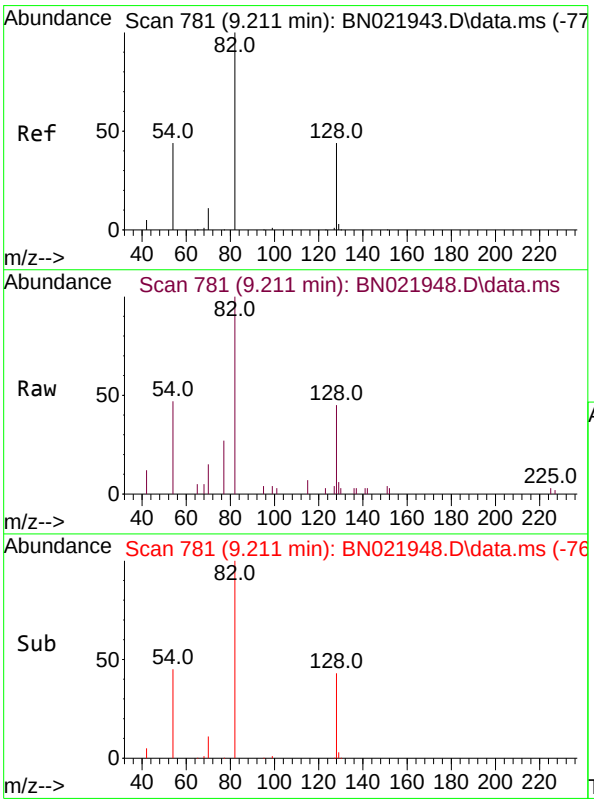
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:136 Resp: 12266

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	9.6	7.8	11.8
68	8.1	6.9	10.3

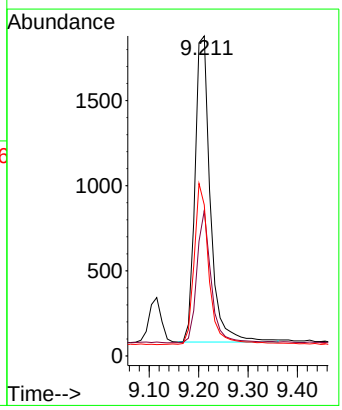


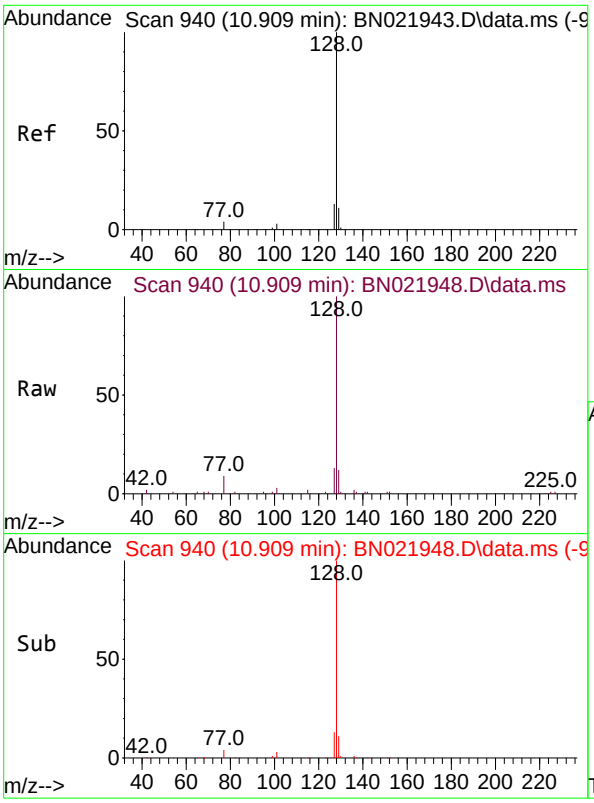


#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 9.211 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion: 82 Resp: 3880

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.7	56.5
54	47.2	37.1	55.7



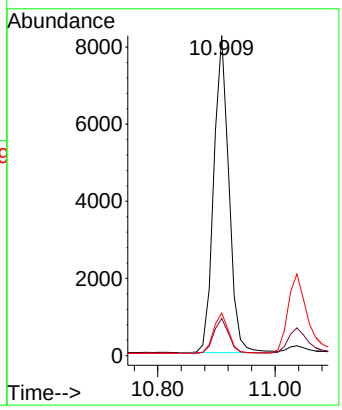


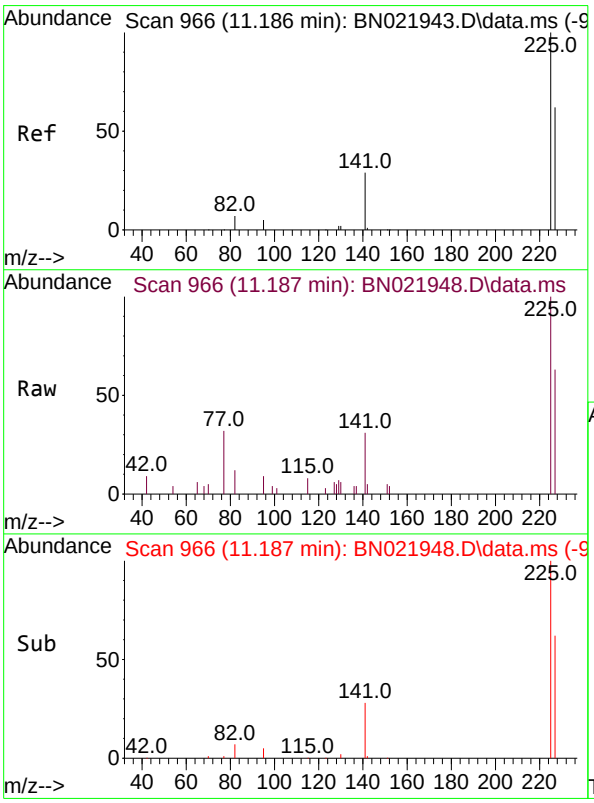
#9
Naphthalene
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:128 Resp: 14760

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.3	10.6	16.0

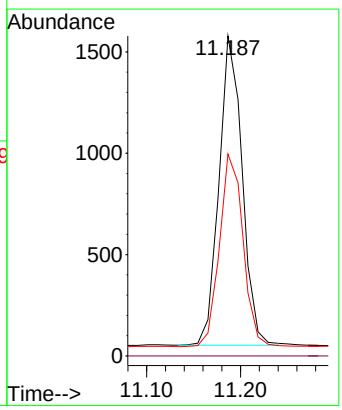


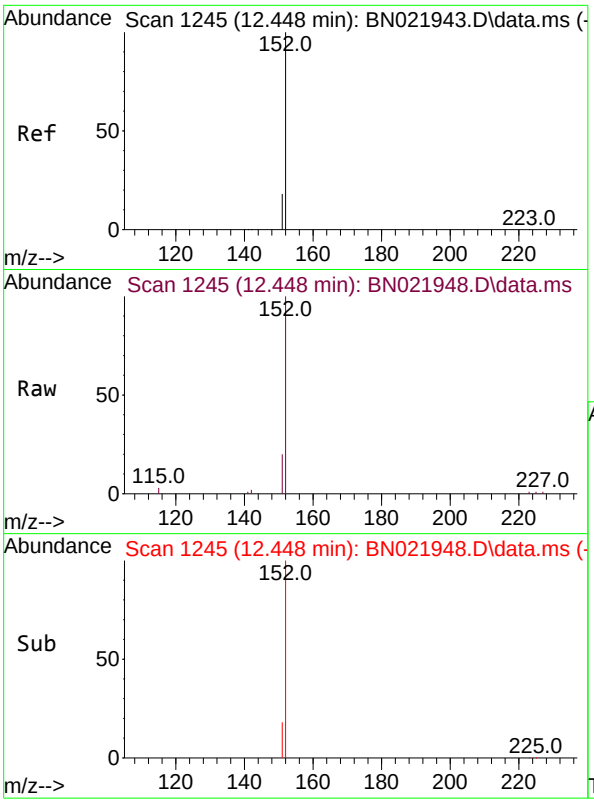


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 11.187 min Scan# 966
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:225 Resp: 2608

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.5	75.7



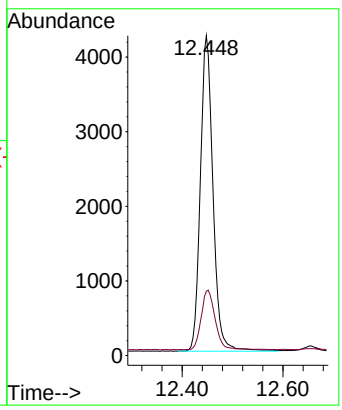


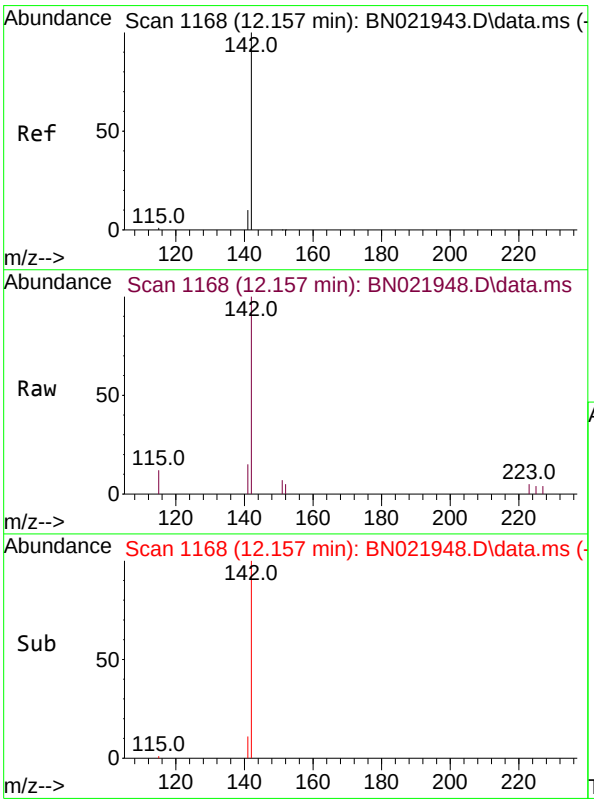
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.448 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:152 Resp: 10092

Ion	Ratio	Lower	Upper
152	100		
151	21.6	15.7	23.5

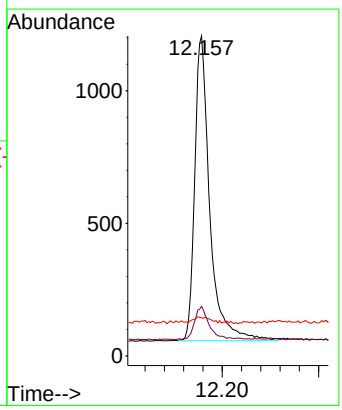


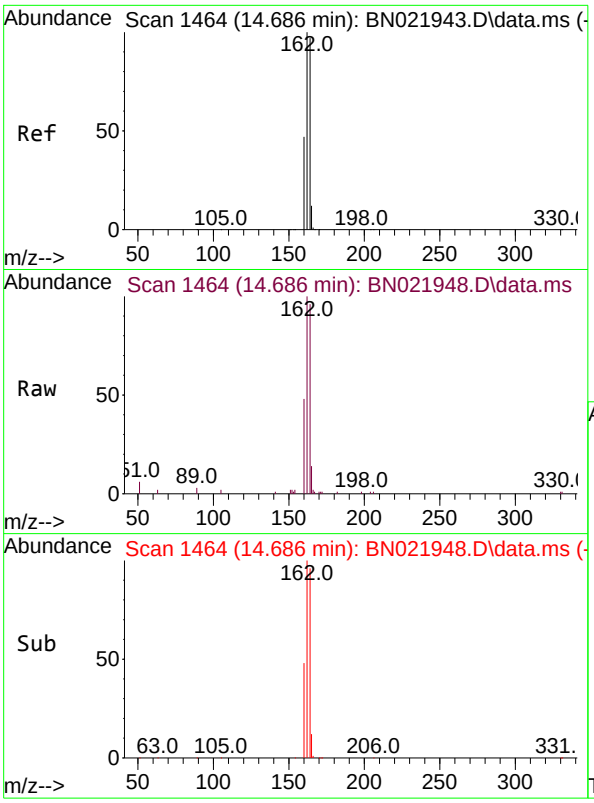


#12
2-Methylnaphthalene
Concen: 0.343 ng
RT: 12.157 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:142 Resp: 2490

Ion	Ratio	Lower	Upper
142	100		
141	15.5	12.7	19.1
115	11.9	9.6	14.4



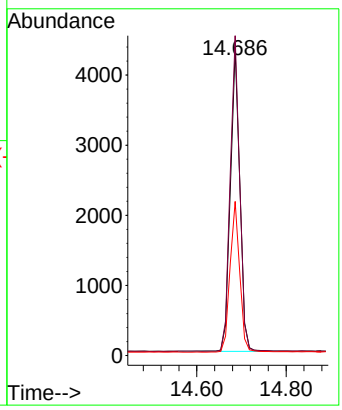


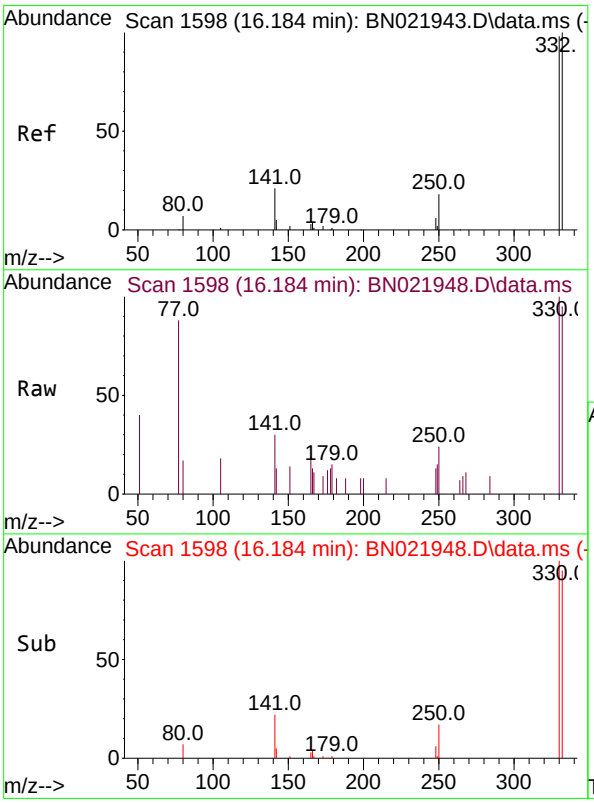
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.686 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:164 Resp: 6359

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.8	124.2
160	50.3	39.5	59.3

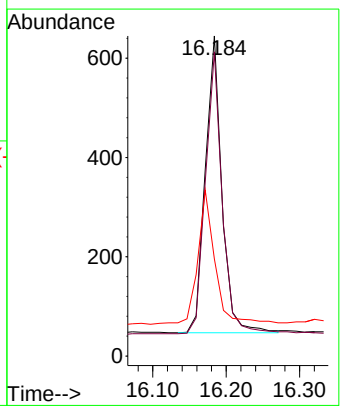


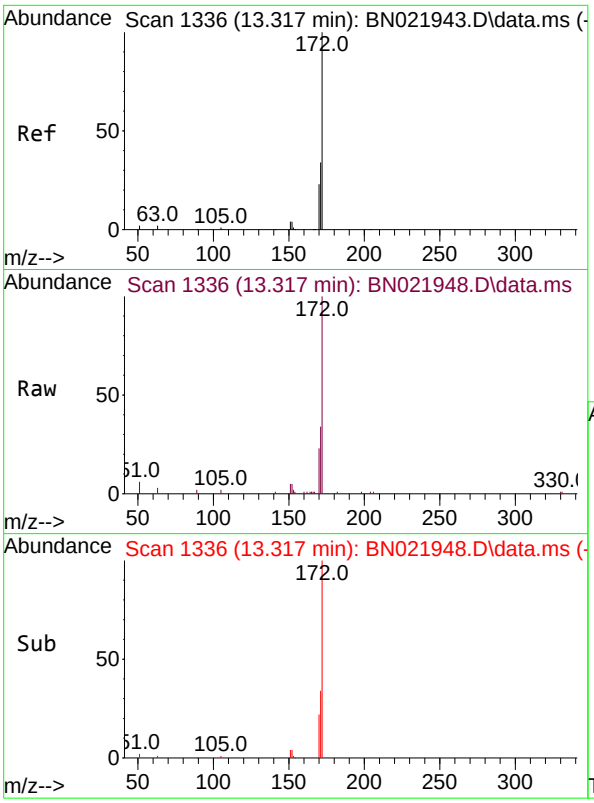


#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 16.184 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:330 Resp: 938

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.7	118.1
141	45.0	35.0	52.4



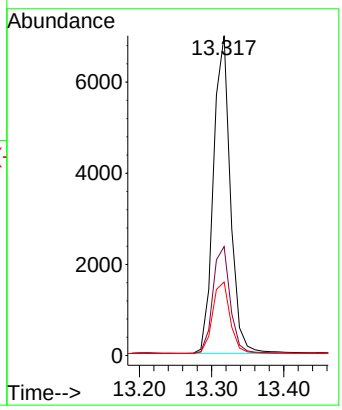


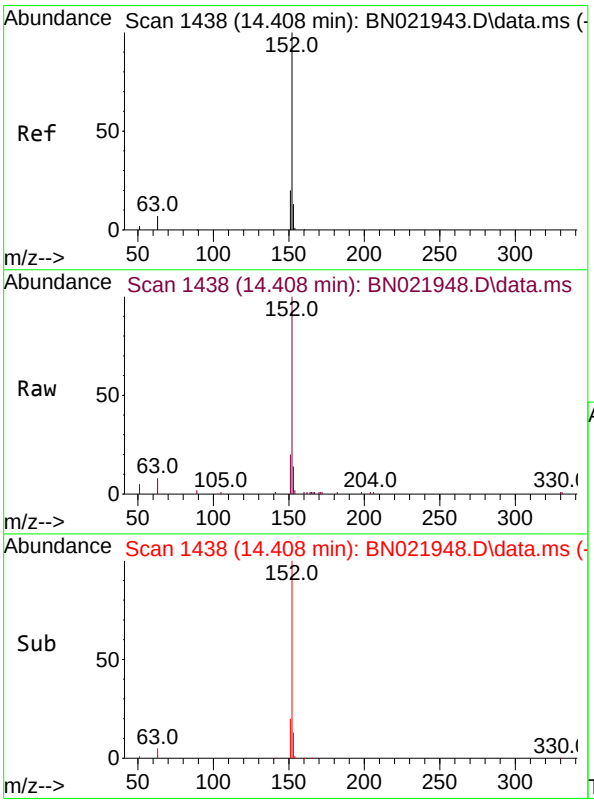
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:172 Resp: 11412

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.4	41.2
170	23.0	18.6	28.0

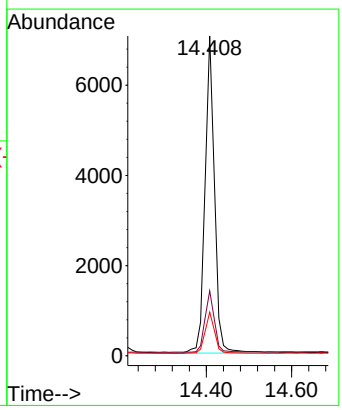


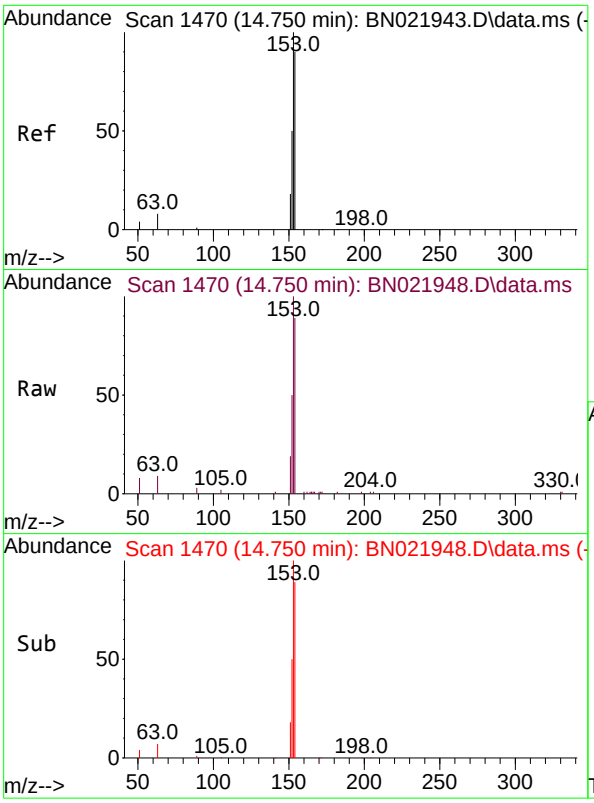


#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.408 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:152 Resp: 10925

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	13.1	10.6	15.8



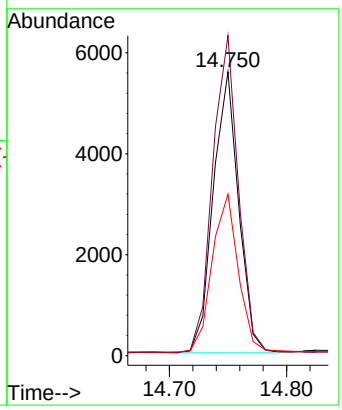


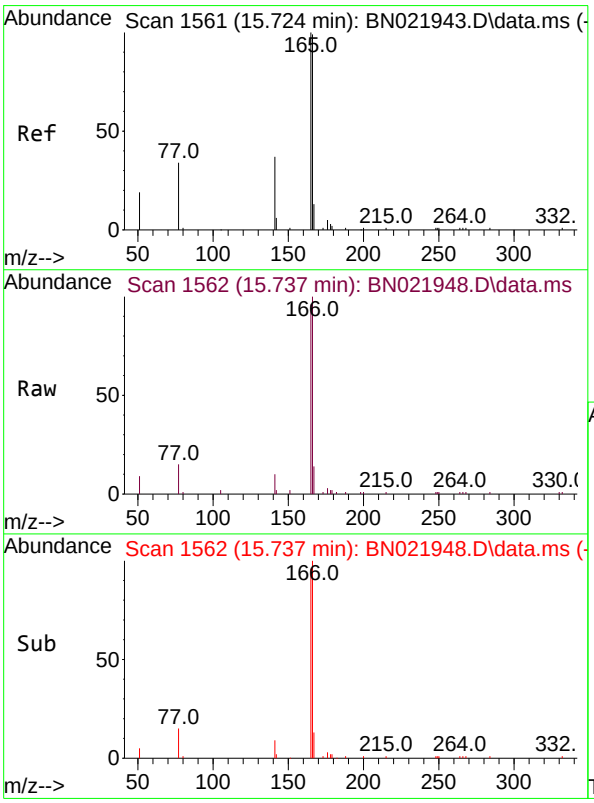
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.750 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:154 Resp: 8364

Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.5	137.3
152	58.2	45.9	68.9

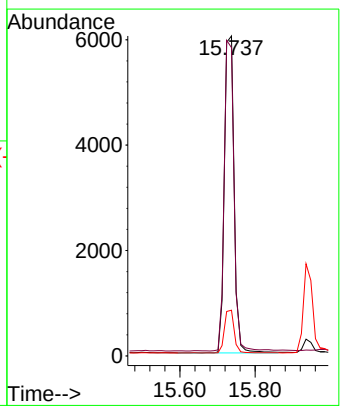


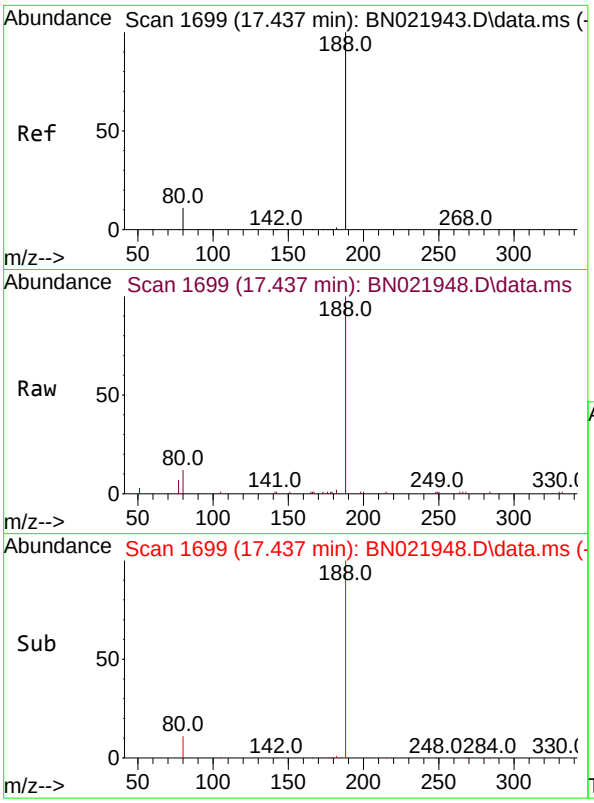


#18
Fluorene
Concen: 0.379 ng
RT: 15.737 min Scan# 1562
Delta R.T. 0.012 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:166 Resp: 10047

Ion	Ratio	Lower	Upper
166	100		
165	102.2	78.9	118.3
167	14.1	10.3	15.5



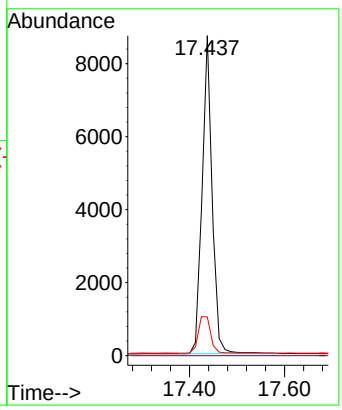


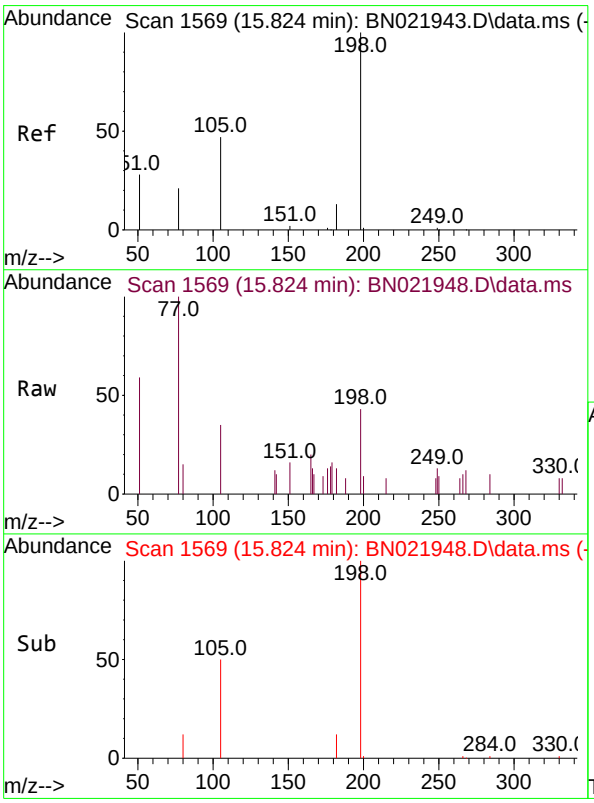
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.437 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:188 Resp: 12764

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	9.4	14.2

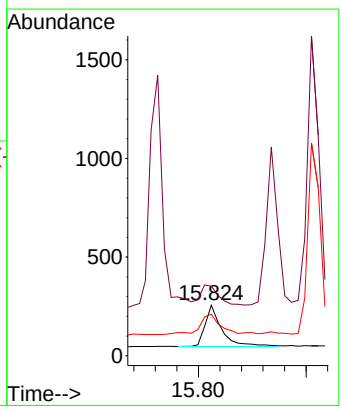


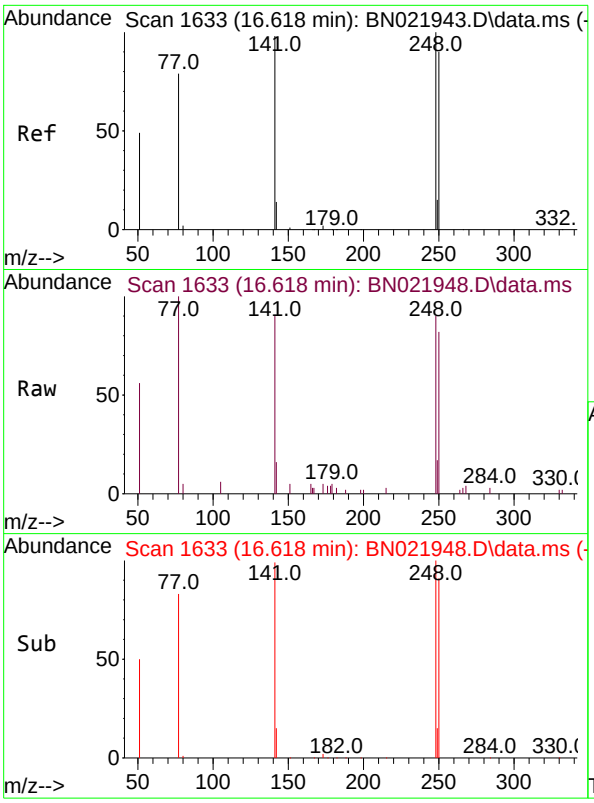


#20
4,6-Dinitro-2-methylphenol
Concen: 0.274 ng
RT: 15.824 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:198 Resp: 453

Ion	Ratio	Lower	Upper
198	100		
51	137.9	235.8	353.6#
105	82.4	61.2	91.8



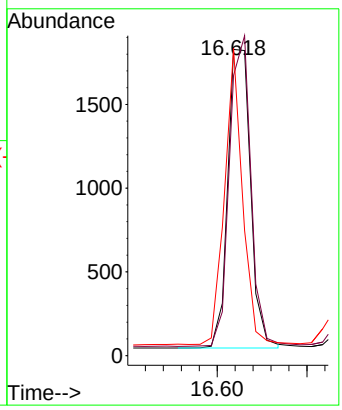


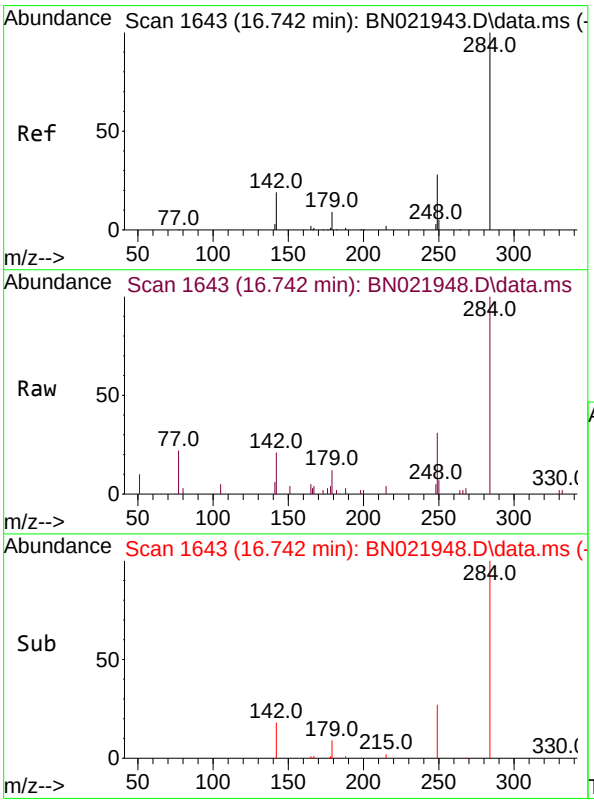
#21
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:248 Resp: 3150

Ion	Ratio	Lower	Upper
248	100		
250	91.6	72.9	109.3
141	100.4	79.0	118.6

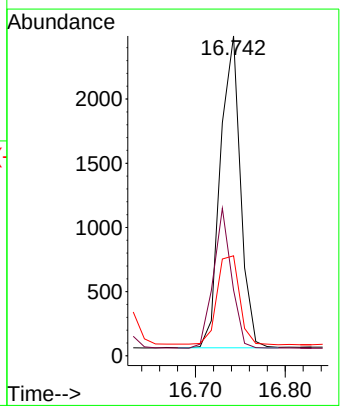


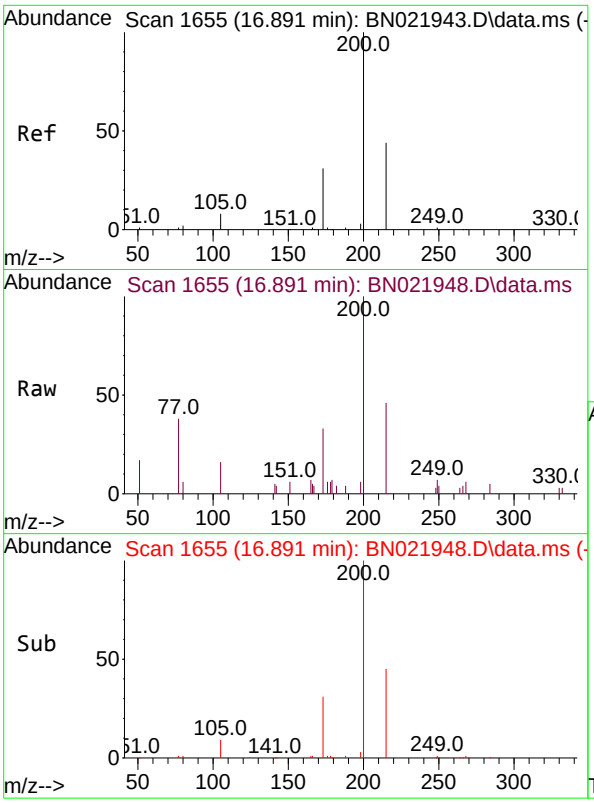


#22
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.742 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:284 Resp: 3787

Ion	Ratio	Lower	Upper
284	100		
142	40.4	32.6	49.0
249	32.1	25.6	38.4



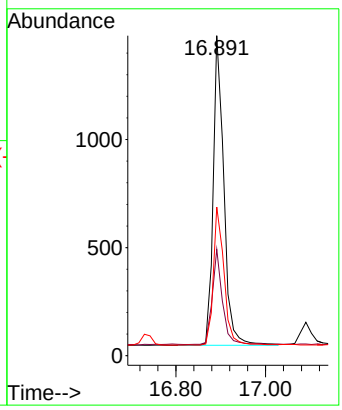


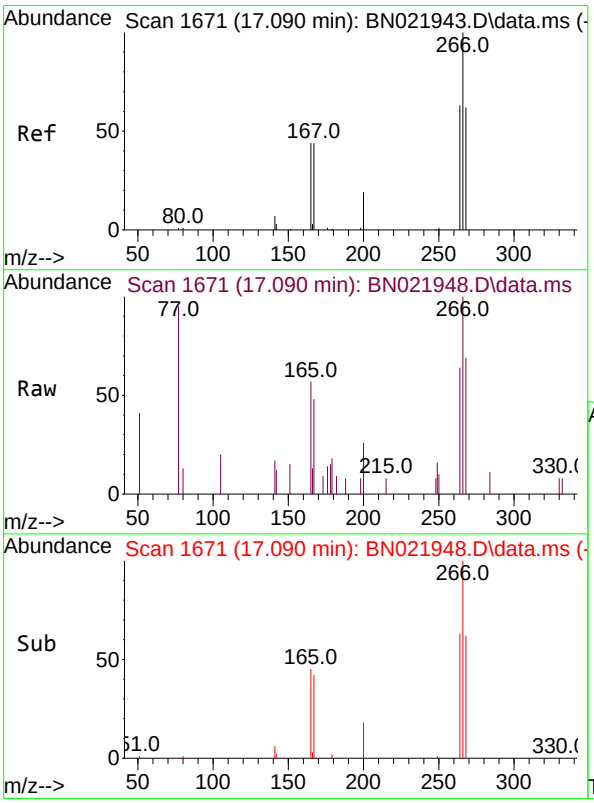
#23
Atrazine
Concen: 0.359 ng
RT: 16.891 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:200 Resp: 2372

Ion	Ratio	Lower	Upper
200	100		
173	33.2	27.0	40.6
215	46.5	36.8	55.2

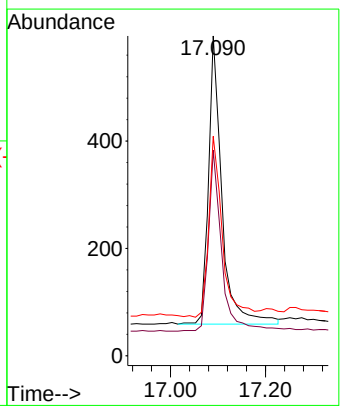


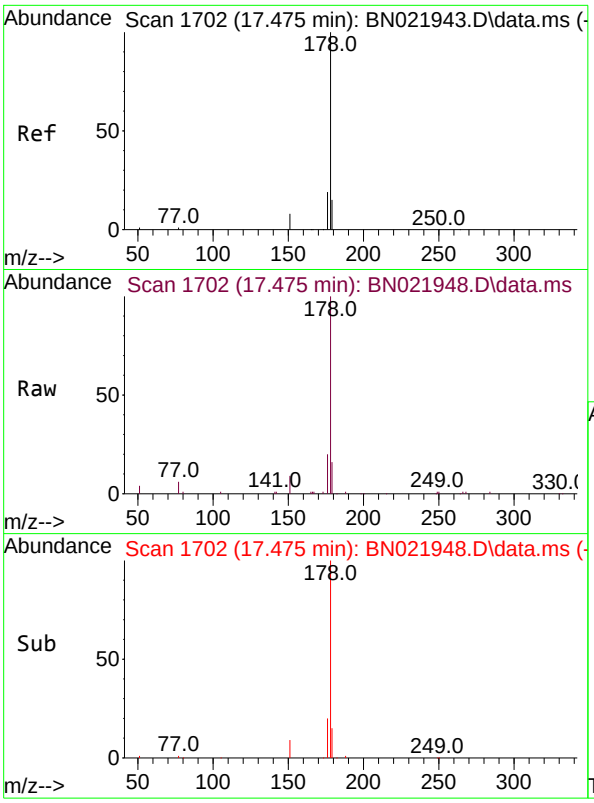


#24
Pentachlorophenol
Concen: 0.323 ng
RT: 17.090 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:266 Resp: 1048

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.1	73.7
268	62.5	48.5	72.7



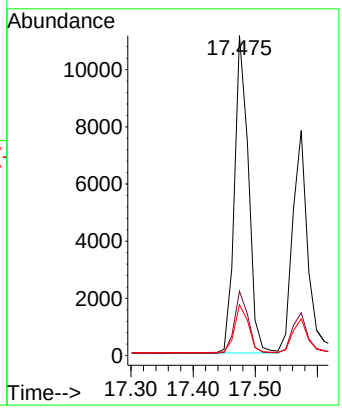


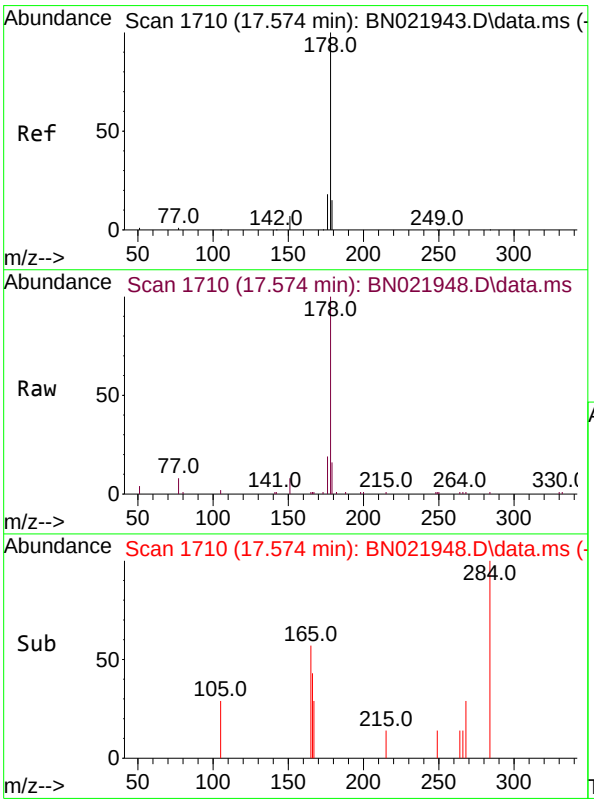
#25
Phenanthrene
Concen: 0.395 ng
RT: 17.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:178 Resp: 17241

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.4	12.2	18.4

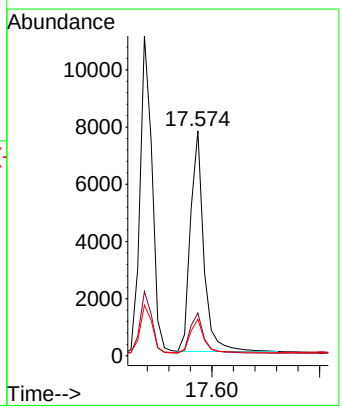


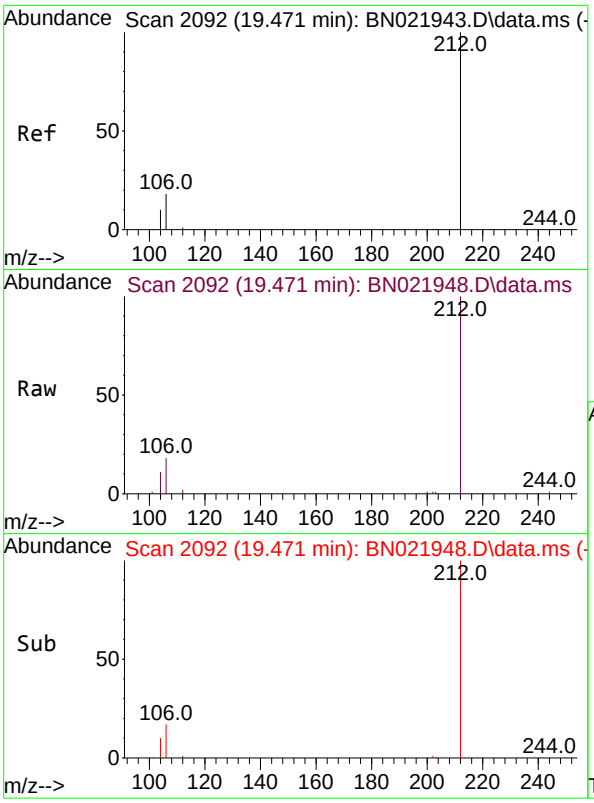


#26
Anthracene
Concen: 0.371 ng
RT: 17.574 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:178 Resp: 13250

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.1	12.2	18.4



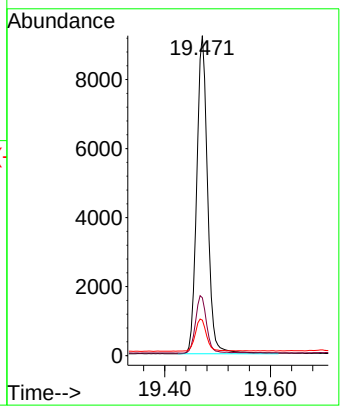


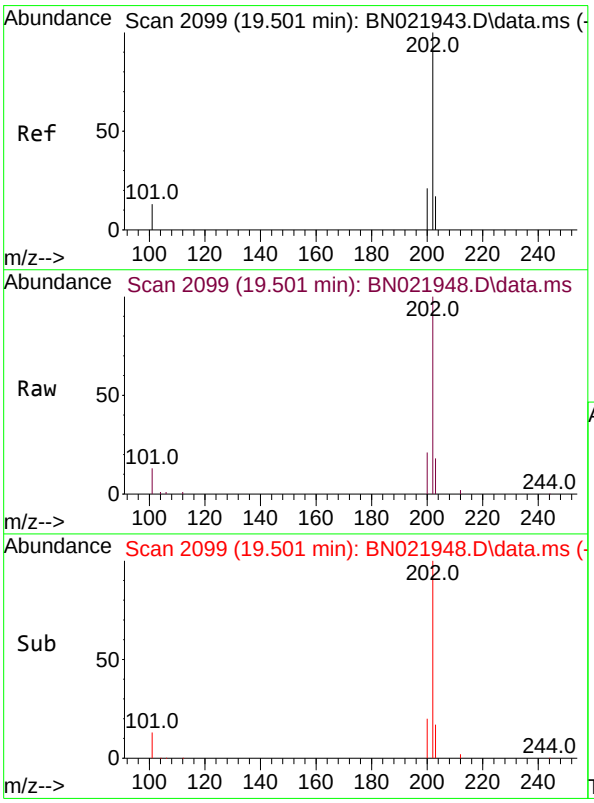
#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.471 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:212 Resp: 13107

Ion	Ratio	Lower	Upper
212	100		
106	18.3	14.8	22.2
104	10.4	8.4	12.6

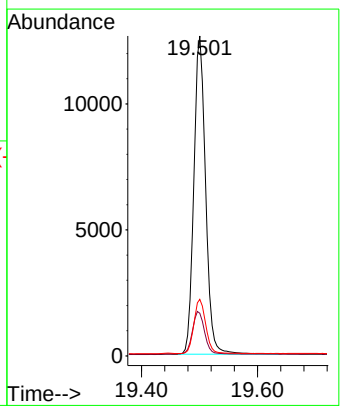


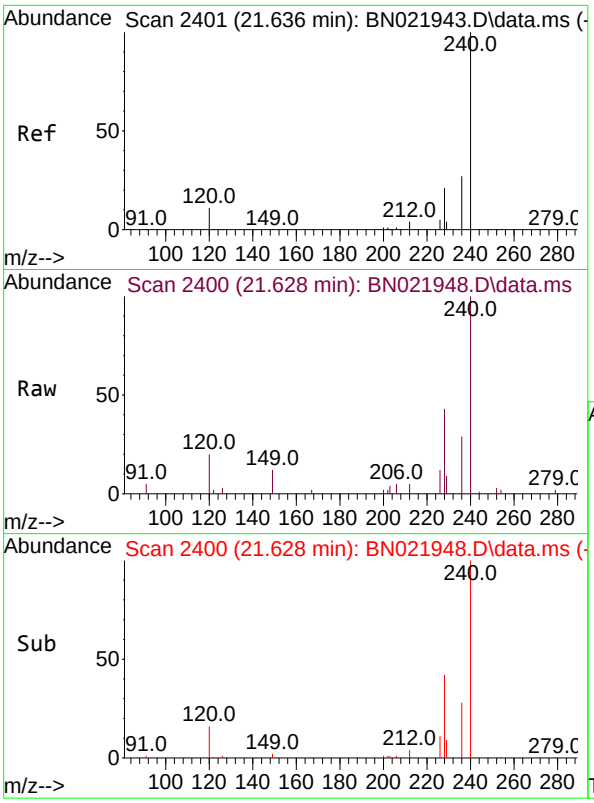


#28
Fluoranthene
Concen: 0.379 ng
RT: 19.501 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:202 Resp: 17765

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.2	16.8
203	17.1	13.5	20.3



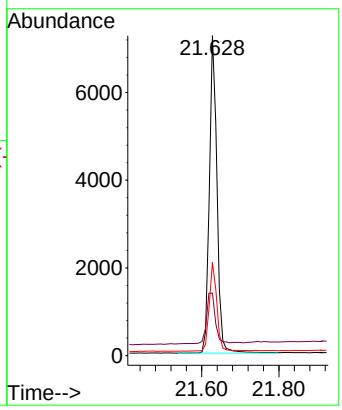


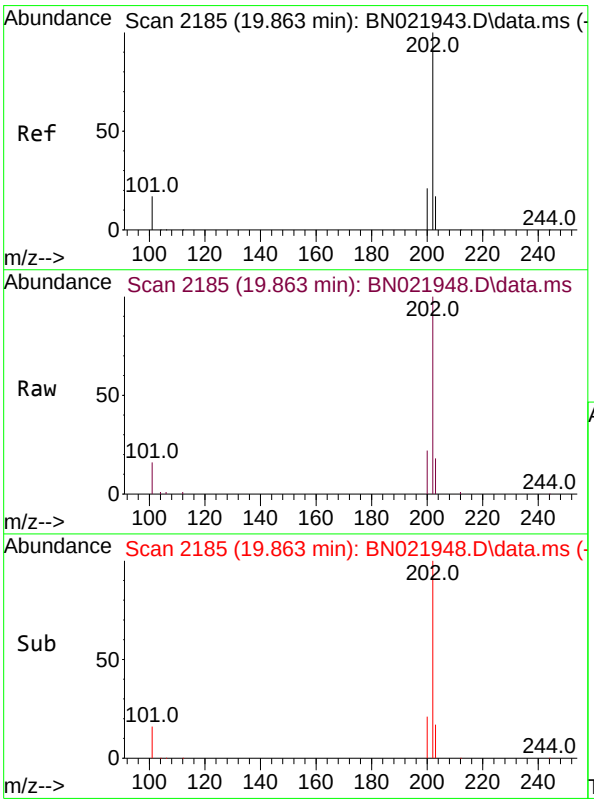
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.628 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:240 Resp: 9934

Ion	Ratio	Lower	Upper
240	100		
120	19.5	12.2	18.2#
236	29.1	22.6	34.0

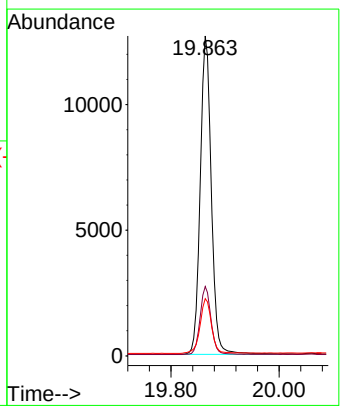


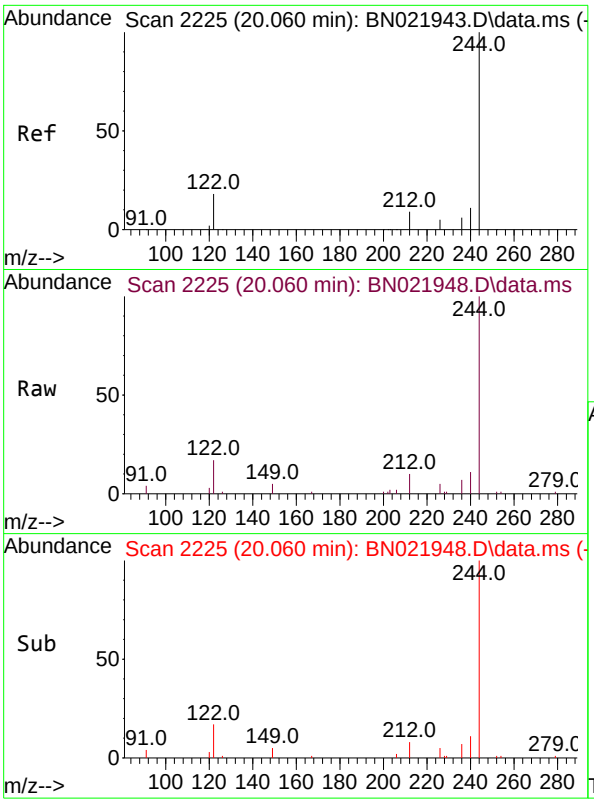


#30
Pyrene
Concen: 0.392 ng
RT: 19.863 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:202 Resp: 17981

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.1	24.1
203	17.9	13.8	20.6



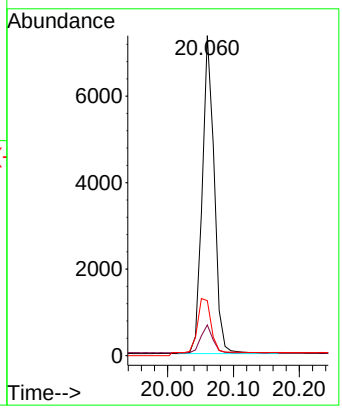


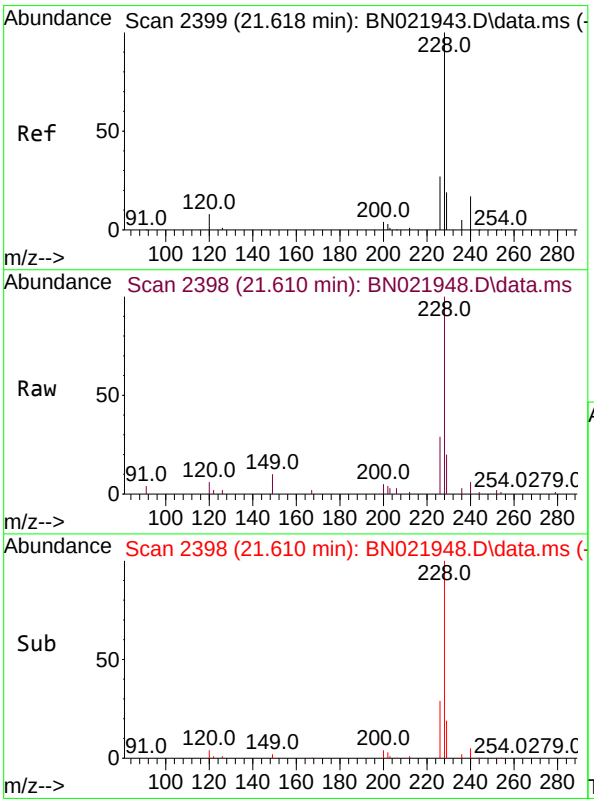
#31
Terphenyl-d14
Concen: 0.422 ng
RT: 20.060 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:244 Resp: 9269

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.9	11.9
122	17.2	15.3	22.9

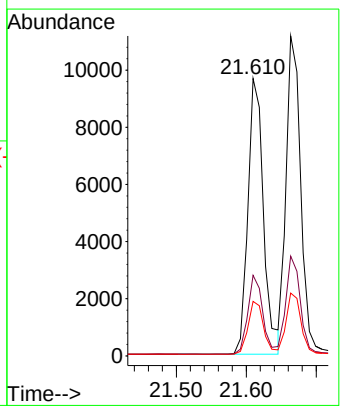


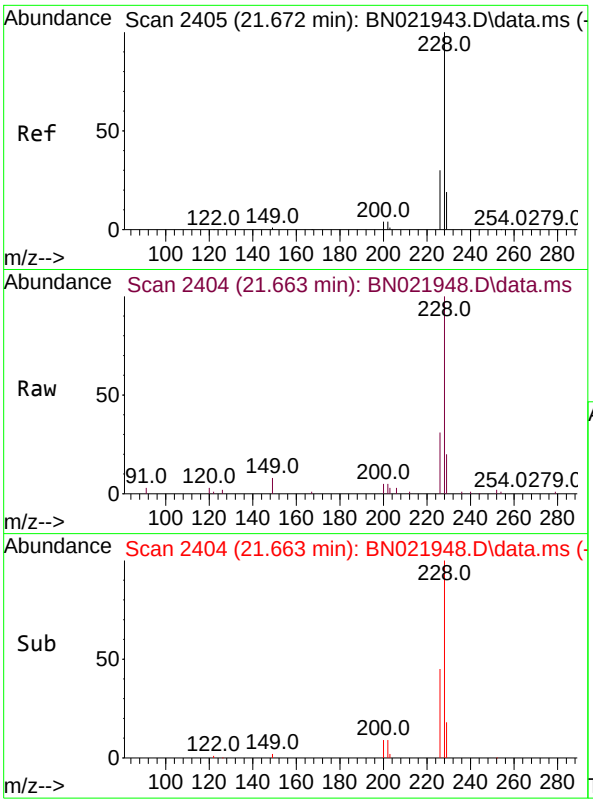


#32
Benzo(a)anthracene
Concen: 0.387 ng
RT: 21.610 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:228 Resp: 14894

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.9	32.9
229	19.7	15.8	23.8



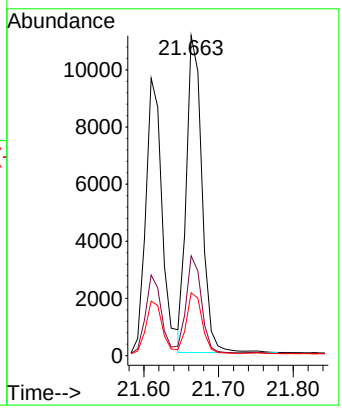


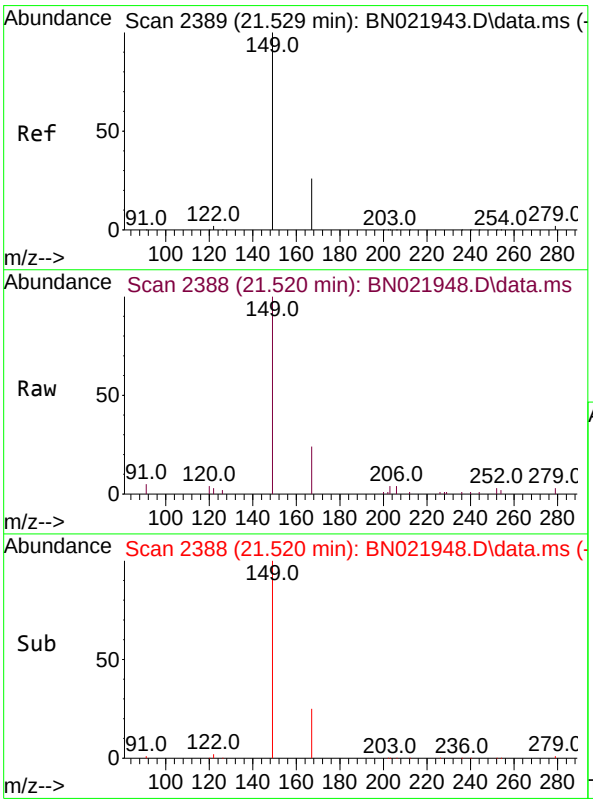
#33
Chrysene
Concen: 0.400 ng
RT: 21.663 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:228 Resp: 16101

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	36.8
229	19.6	15.8	23.8

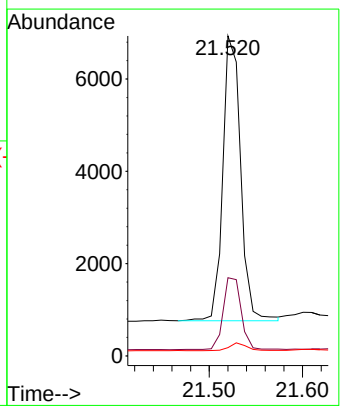


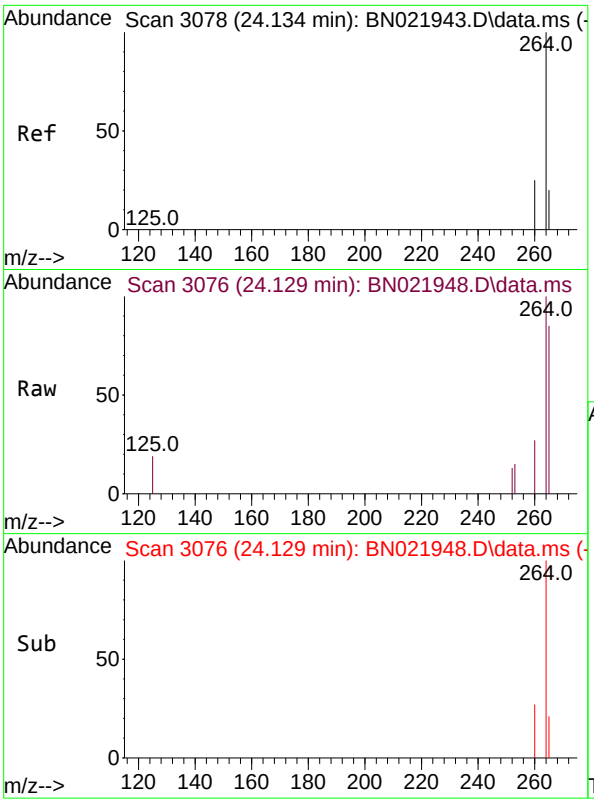


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.356 ng
RT: 21.520 min Scan# 2388
Delta R.T. -0.009 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:149 Resp: 8230

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.6	30.8
279	2.7	2.0	3.0



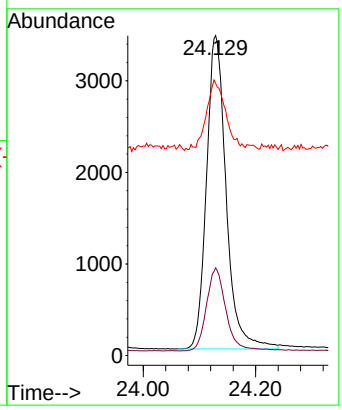


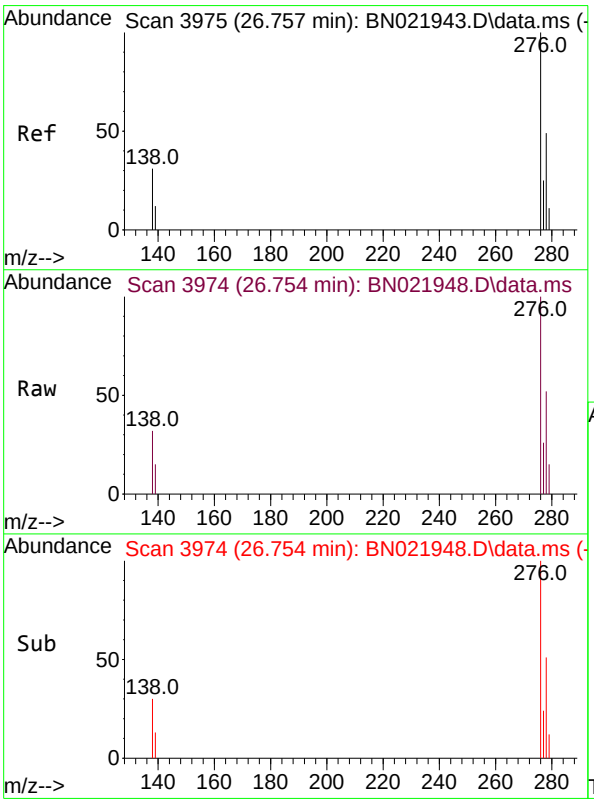
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.129 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:264 Resp: 8320

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.0	31.4
265	85.1	67.8	101.8

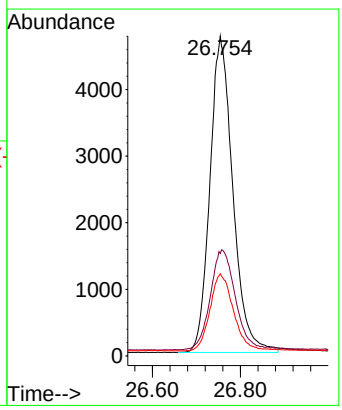


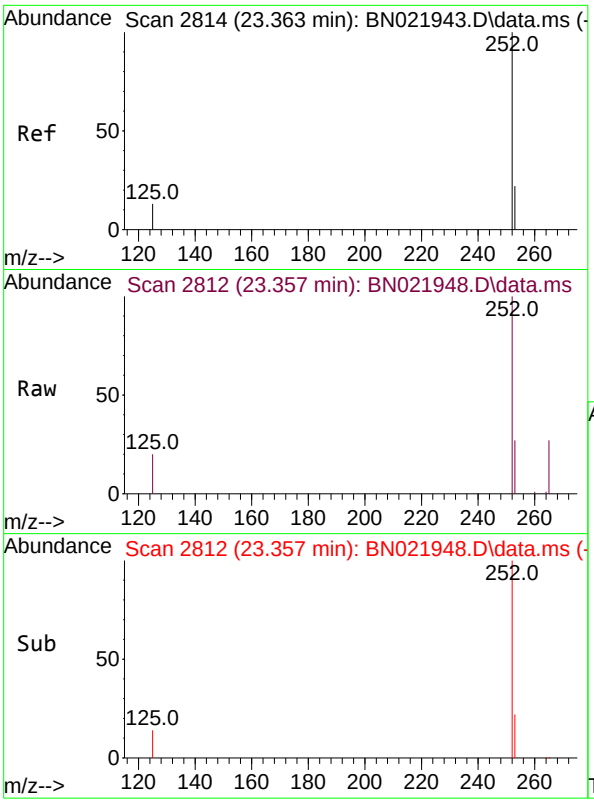


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 26.754 min Scan# 3974
Delta R.T. -0.003 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:276 Resp: 17211

Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.3	40.9
277	25.2	19.8	29.6



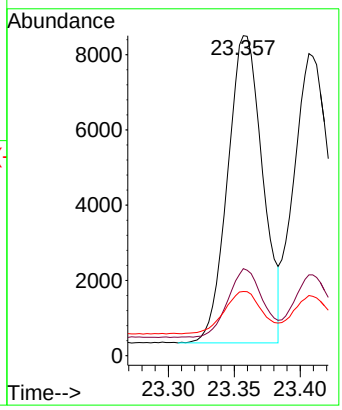


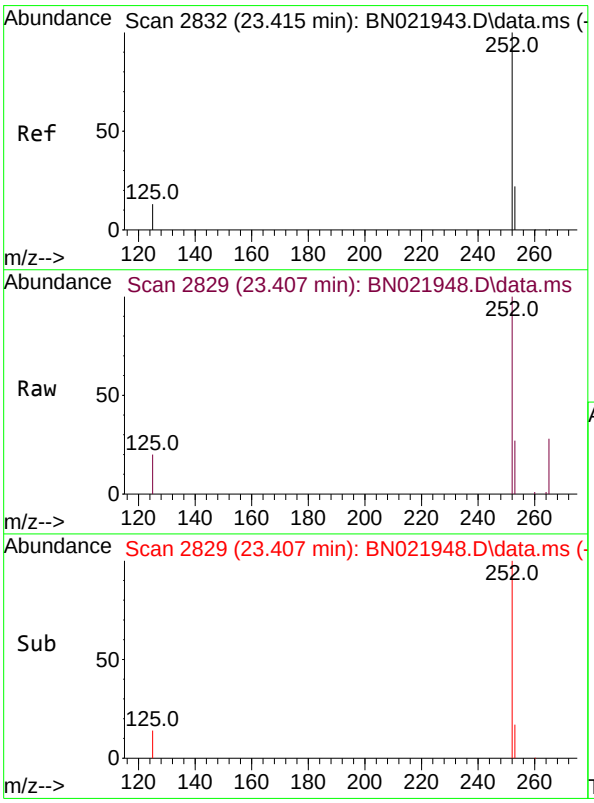
#37
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 23.357 min Scan# 28
Delta R.T. -0.006 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:252 Resp: 15122

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.4	32.0
125	20.0	16.2	24.4

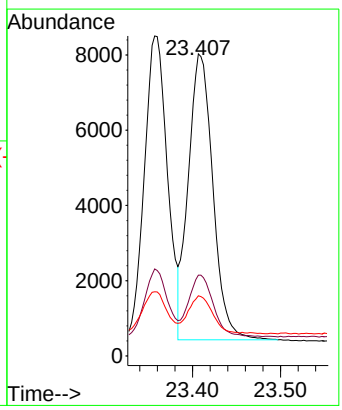


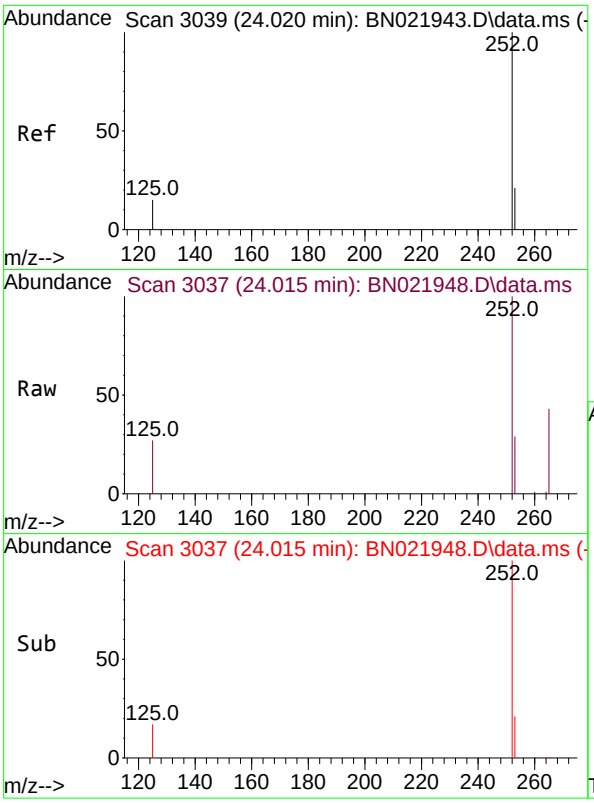


#38
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 23.407 min Scan# 2829
Delta R.T. -0.009 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:252 Resp: 14781

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.8	32.6
125	19.9	15.8	23.8



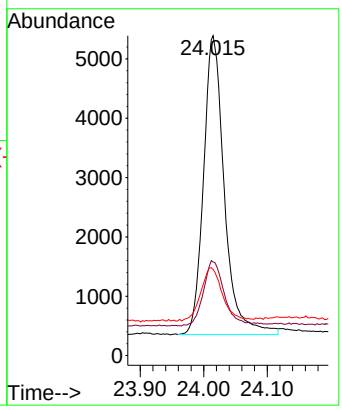


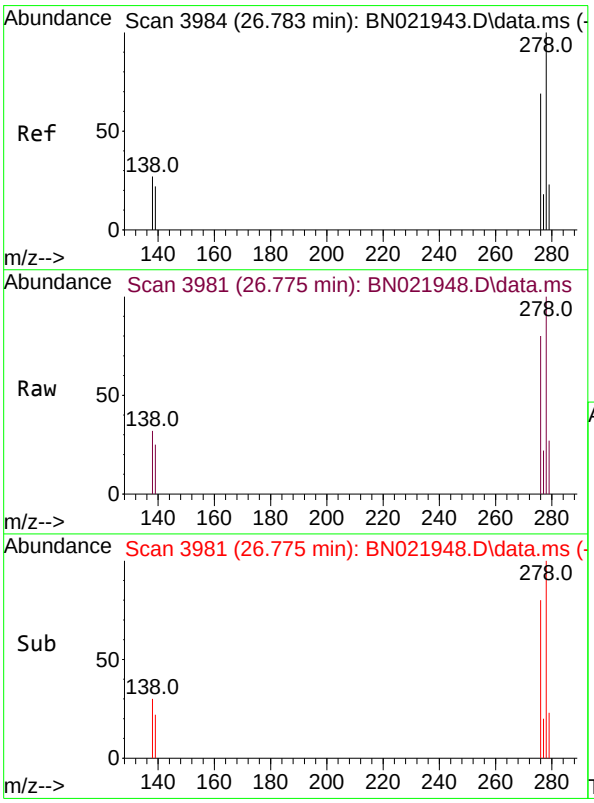
#39
Benzo(a)pyrene
Concen: 0.389 ng
RT: 24.015 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:252 Resp: 11499

Ion	Ratio	Lower	Upper
252	100		
253	29.3	23.9	35.9
125	26.9	20.9	31.3

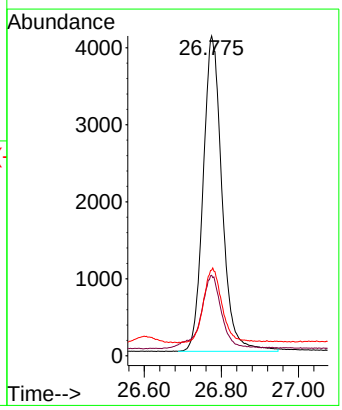


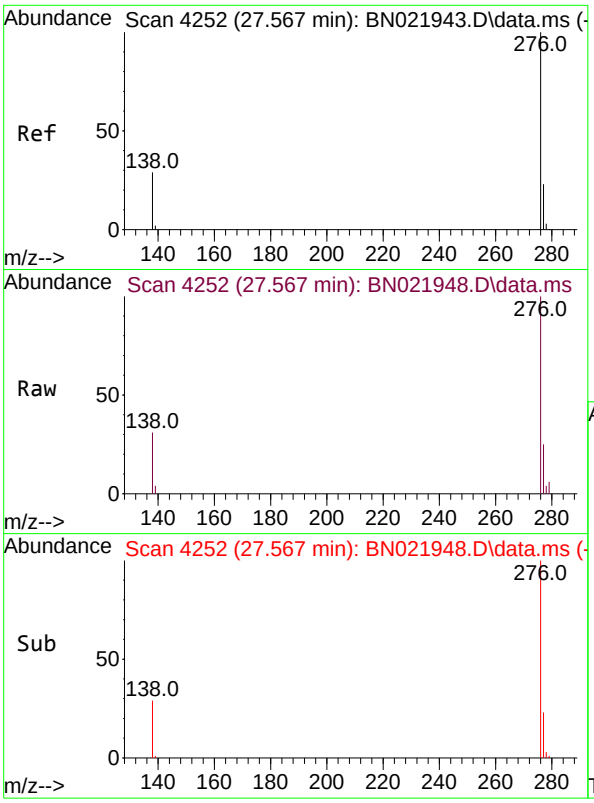


#40
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 26.775 min Scan# 3981
Delta R.T. -0.009 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Tgt Ion:278 Resp: 13944

Ion	Ratio	Lower	Upper
278	100		
139	25.2	20.1	30.1
279	26.8	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 27.567 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021948.D
Acq: 28 Sep 2022 19:36

Instrument :
BNA_N
ClientSampleId :
ICVBN092922

Tgt Ion:276 Resp: 14467

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.0	30.0
138	31.3	24.6	37.0