Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092822\
Data File : BN021933.D
Acq On : 27 Sep 2022 13:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 28 04:28:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 04:21:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	4842	0.400	ng		0.00
7) Naphthalene-d8	10.866	136	15723	0.400	ng		0.00
13) Acenaphthene-d10	14.696	164	8481	0.400	ng		0.00
19) Phenanthrene-d10	17.444	188	15153	0.400	ng		0.00
29) Chrysene-d12	21.638	240	8865	0.400	ng	#	0.00
35) Perylene-d12	24.151	264	6806	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.570	112	5408	0.427	ng		0.00
5) Phenol-d6	7.195	99	6583	0.410	ng		0.00
8) Nitrobenzene-d5	9.211	82	5076	0.390	ng		0.00
11) 2-Methylnaphthalene-d10	12.456	152	13698	0.345	ng		0.00
14) 2,4,6-Tribromophenol	16.197	330	885	0.228	ng		0.00
15) 2-Fluorobiphenyl	13.328	172	13974	0.404	ng		0.00
27) Fluoranthene-d10	19.481	212	13285	0.326	ng		0.00
31) Terphenyl-d14	20.071	244	8346	0.412	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.396	88	2309	0.369	ng		97
3) n-Nitrosodimethylamine	3.735	42	2574	0.405	ng	#	92
6) bis(2-Chloroethyl)ether	7.455	93	6001	0.377	ng		98
9) Naphthalene	10.919	128	17982	0.387	ng		99
10) Hexachlorobutadiene	11.197	225	2971	0.383	ng	#	99
12) 2-Methylnaphthalene	12.176	142	3121	0.313	ng	#	93
16) Acenaphthylene	14.418	152	14286	0.353	ng		99
17) Acenaphthene	14.760	154	10590	0.383	ng		99
18) Fluorene	15.747	166	12995	0.353	ng		99
21) 4-Bromophenyl-phenylether	16.636	248	3689	0.395	ng		97
22) Hexachlorobenzene	16.751	284	4665	0.444	ng		98
23) Atrazine	16.913	200	2516	0.326	ng		98
24) Pentachlorophenol	17.109	266	1319	0.335	ng		98
25) Phenanthrene	17.490	178	19467	0.383	ng		100
26) Anthracene	17.583	178	14947	0.347	ng		99
28) Fluoranthene	19.511	202	17905	0.327	ng		99
30) Pyrene	19.873	202	18991	0.431	ng		99
32) Benzo(a)anthracene	21.629	228	12165	0.358	ng		99
33) Chrysene	21.683	228	13789	0.390	ng		99
34) Bis(2-ethylhexyl)phtha...	21.531	149	7832	0.345	ng		100
36) Indeno(1,2,3-cd)pyrene	26.788	276	10534	0.326	ng		99
37) Benzo(b)fluoranthene	23.376	252	11795	0.382	ng	#	90
38) Benzo(k)fluoranthene	23.429	252	11356	0.376	ng	#	89
39) Benzo(a)pyrene	24.037	252	8767	0.356	ng	#	85
40) Dibenzo(a,h)anthracene	26.820	278	7848	0.307	ng	#	92
41) Benzo(g,h,i)perylene	27.607	276	10317	0.392	ng		97

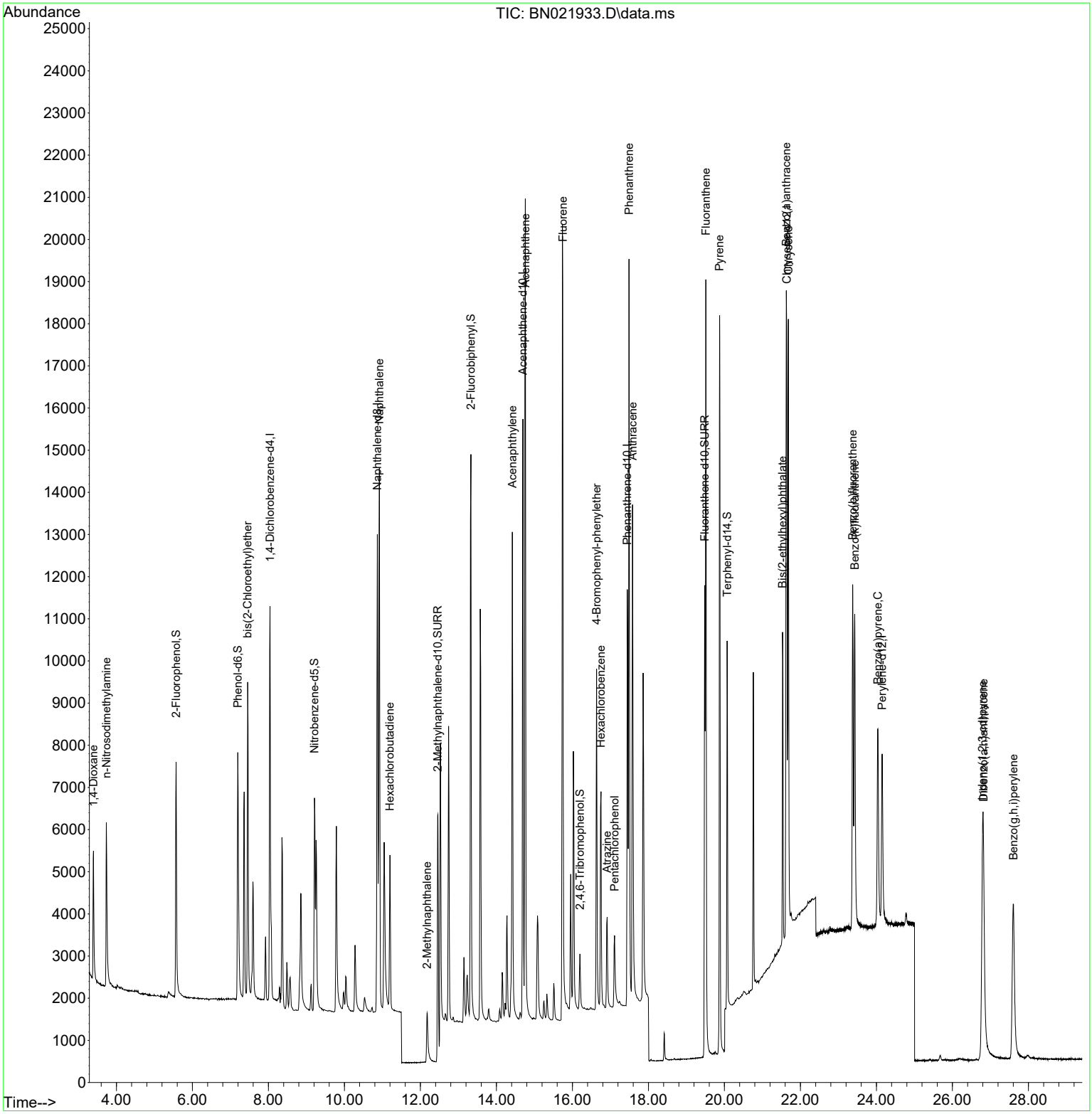
(#) = qualifier out of range (m) = manual integration (+) = signals summed

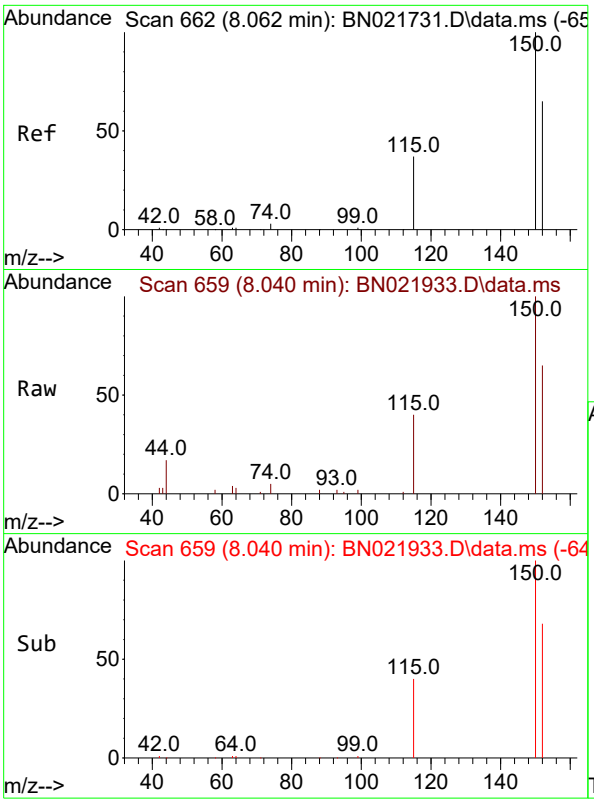
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092822\
Data File : BN021933.D
Acq On : 27 Sep 2022 13:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 28 04:28:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 04:21:32 2022
Response via : Initial Calibration



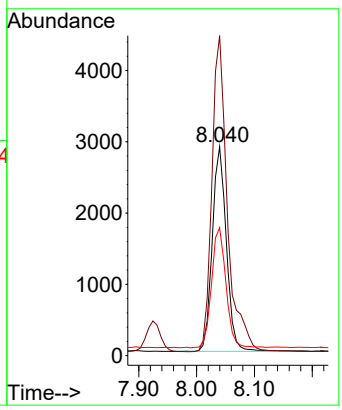


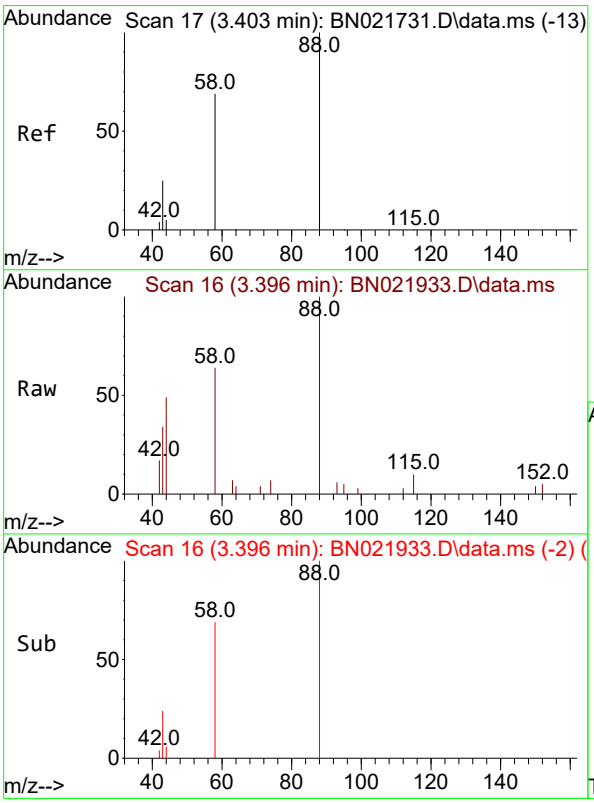
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4842

Ion	Ratio	Lower	Upper
152	100		
150	153.2	121.8	182.8
115	61.3	48.3	72.5

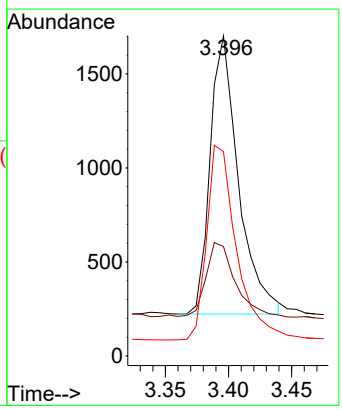


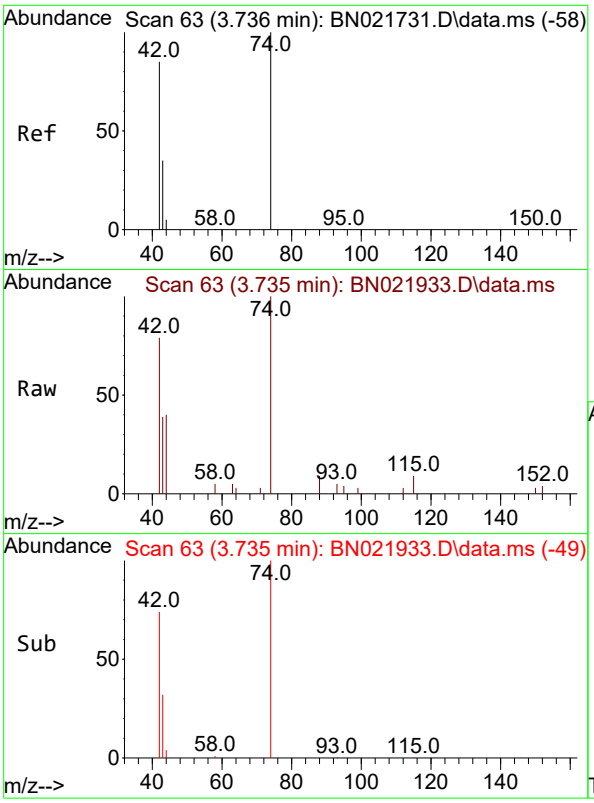


#2
1,4-Dioxane
Concen: 0.369 ng
RT: 3.396 min Scan# 16
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion: 88 Resp: 2309

Ion	Ratio	Lower	Upper
88	100		
43	27.3	24.2	36.2
58	73.5	60.2	90.4



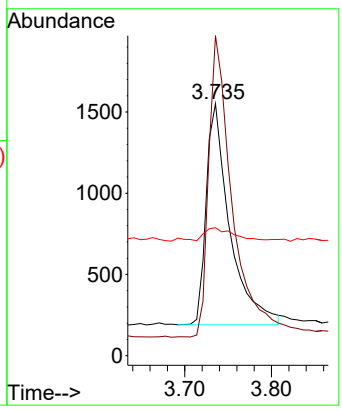


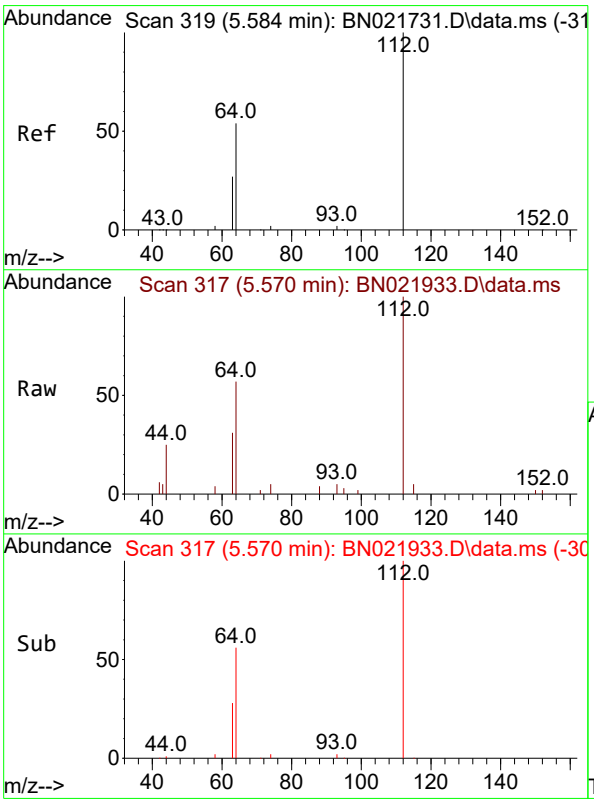
#3
n-Nitrosodimethylamine
Concen: 0.405 ng
RT: 3.735 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2574

Ion	Ratio	Lower	Upper
42	100		
74	135.2	116.3	174.5
44	7.1	9.0	13.4#

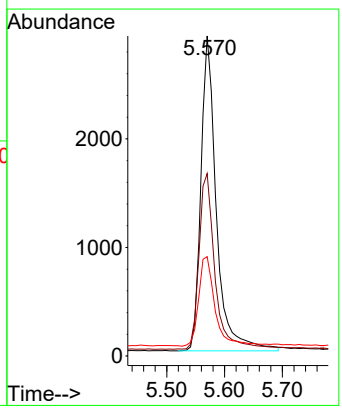


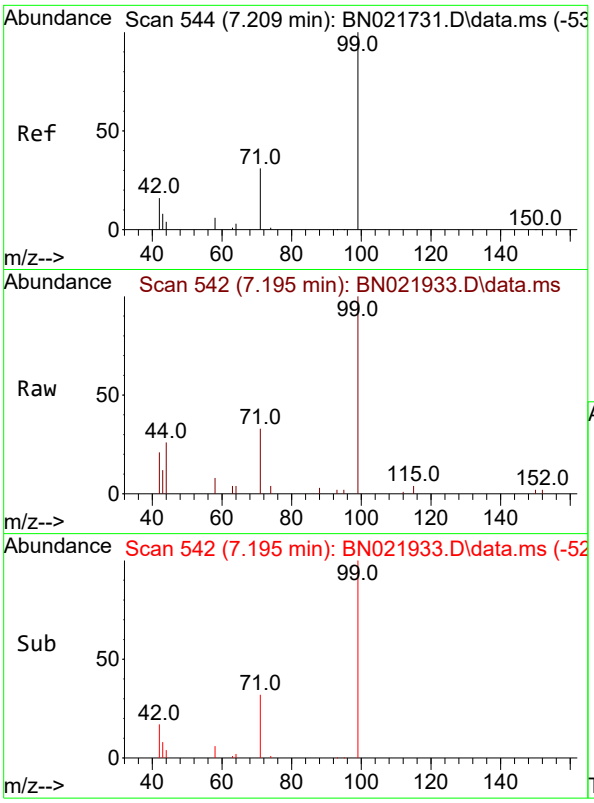


#4
2-Fluorophenol
Concen: 0.427 ng
RT: 5.570 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:112 Resp: 5408

Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.4	68.2
63	30.1	23.3	34.9



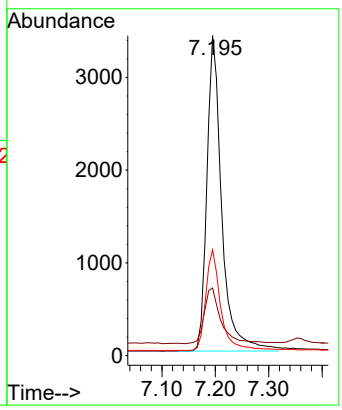


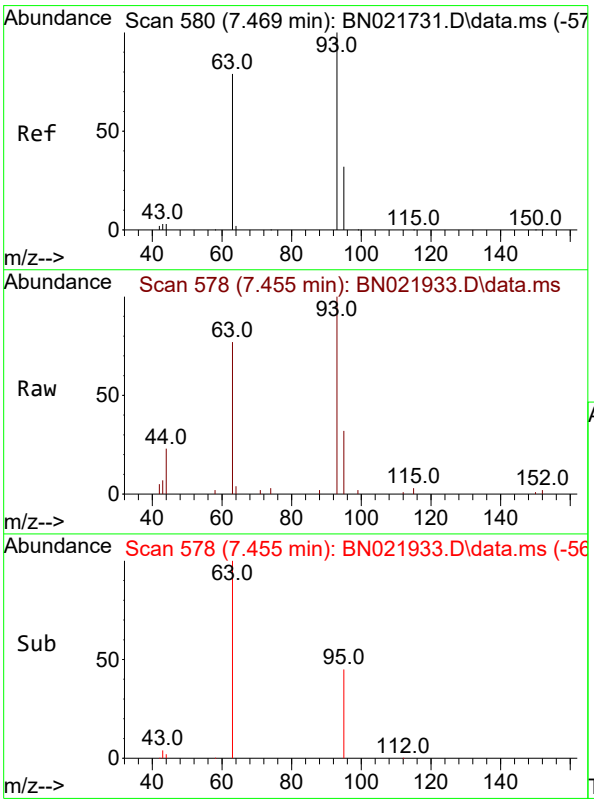
#5
Phenol-d6
Concen: 0.410 ng
RT: 7.195 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6583

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.1	22.7
71	32.0	25.3	37.9

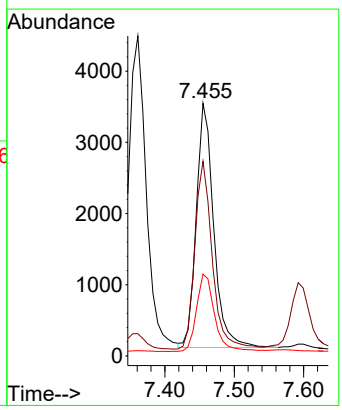


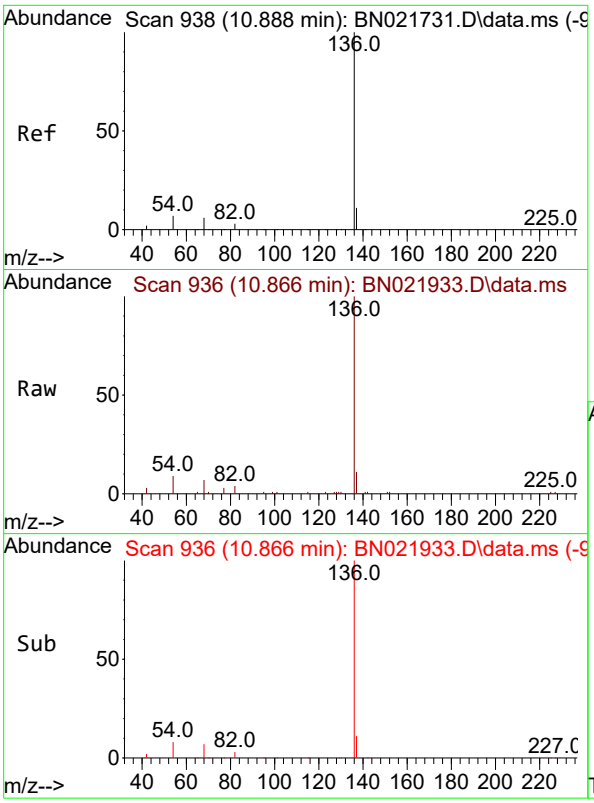


#6
bis(2-Chloroethyl)ether
Concen: 0.377 ng
RT: 7.455 min Scan# 578
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion: 93 Resp: 6001

Ion	Ratio	Lower	Upper
93	100		
63	77.0	60.0	90.0
95	32.7	26.2	39.4



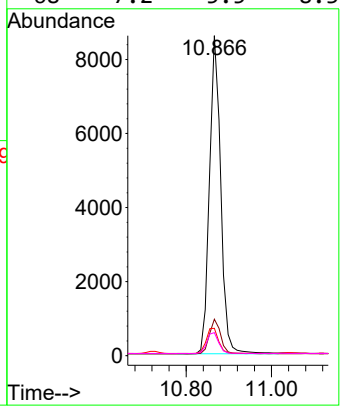


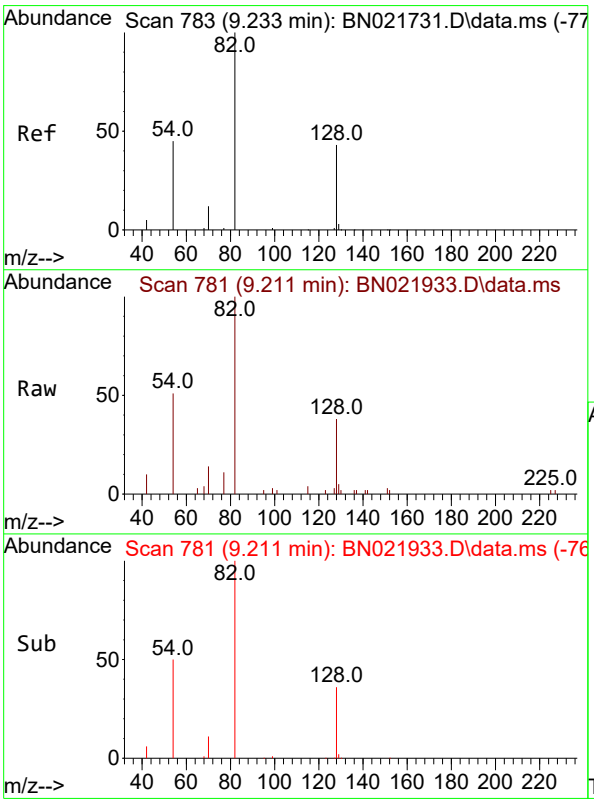
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 15723

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.6	6.4	9.6
68	7.2	5.5	8.3

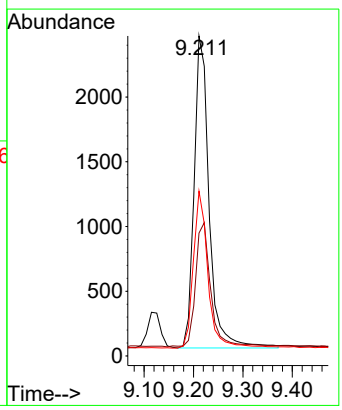


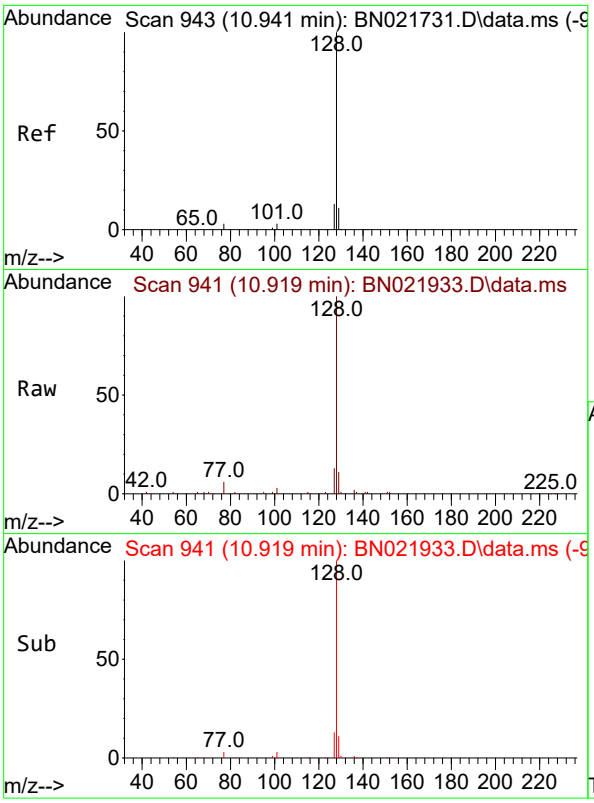


#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 9.211 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion: 82 Resp: 5076

Ion	Ratio	Lower	Upper
82	100		
128	38.4	35.6	53.4
54	51.5	37.8	56.8



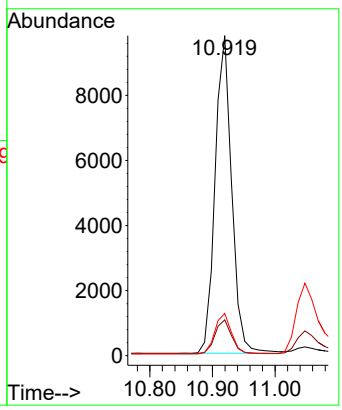


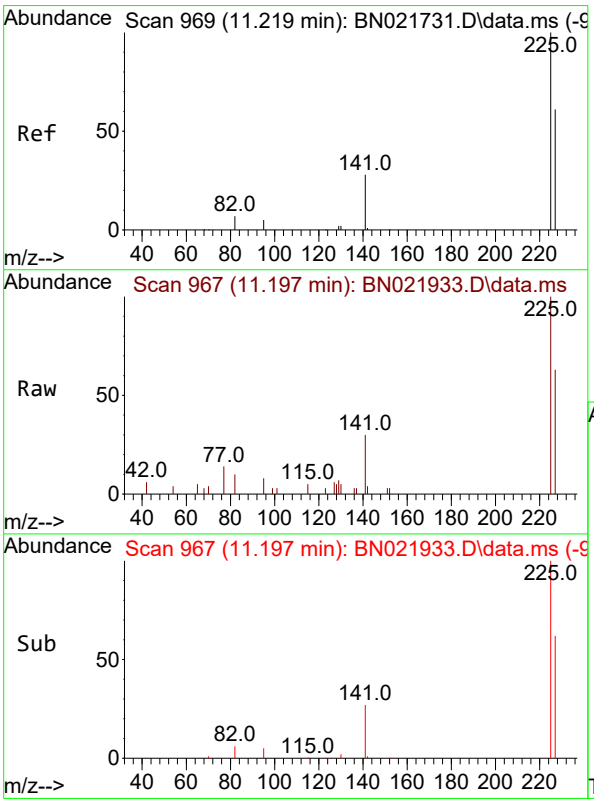
#9
Naphthalene
Concen: 0.387 ng
RT: 10.919 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 17982

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.2	10.5	15.7

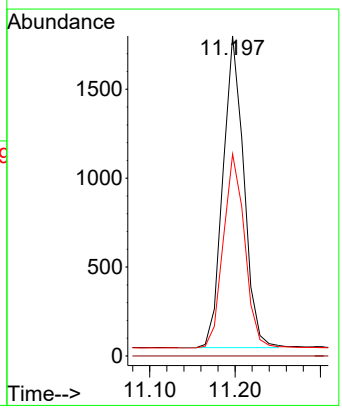


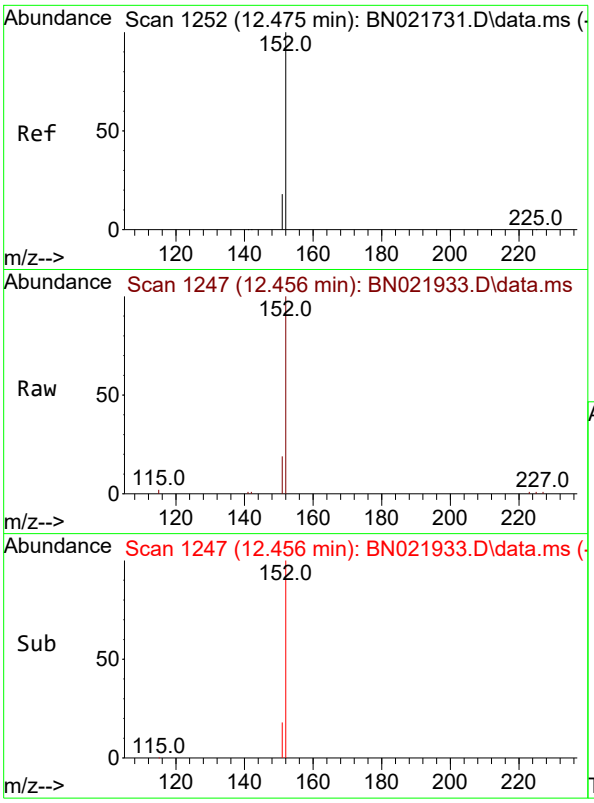


#10
Hexachlorobutadiene
Concen: 0.383 ng
RT: 11.197 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:225 Resp: 2971

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.4	75.6



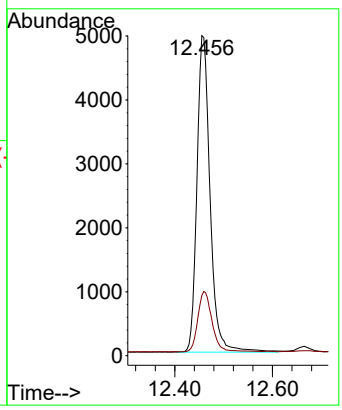


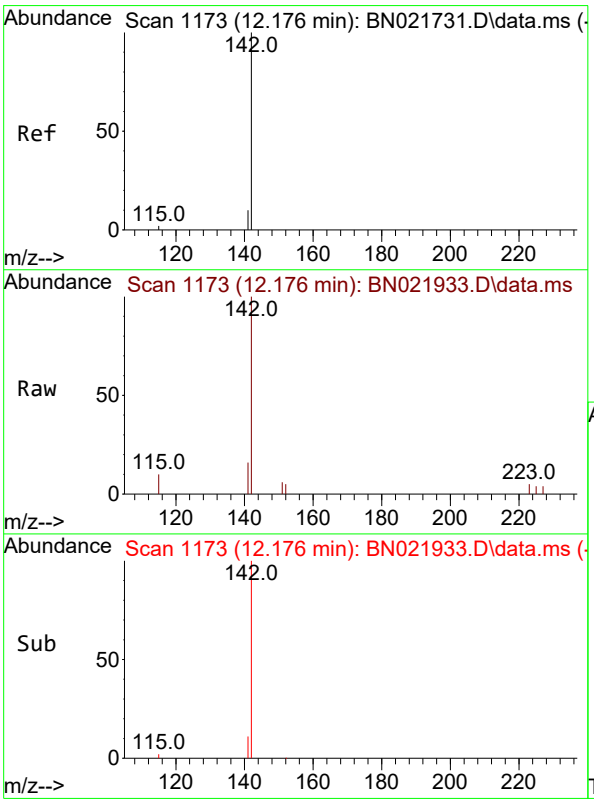
#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.456 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 13698

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.6	23.4

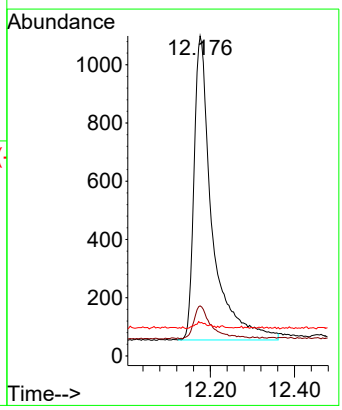


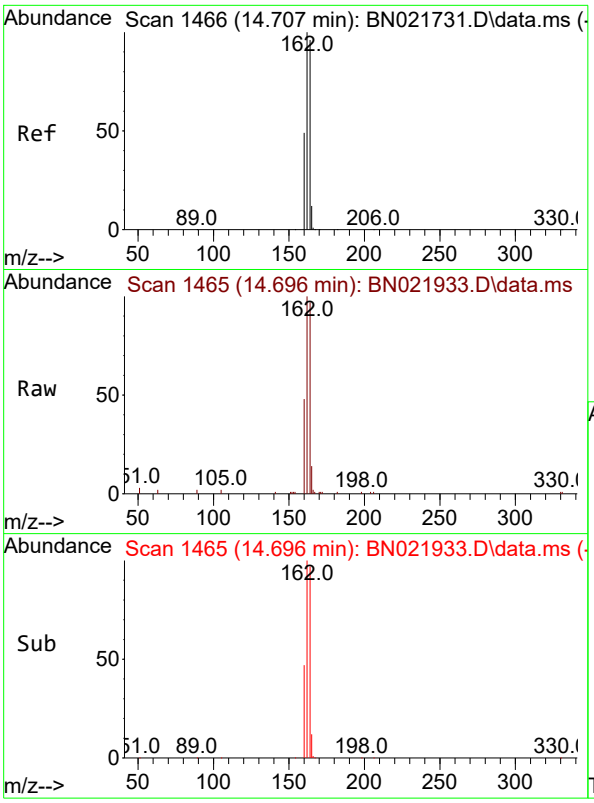


#12
2-Methylnaphthalene
Concen: 0.313 ng
RT: 12.176 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:142 Resp: 3121

Ion	Ratio	Lower	Upper
142	100		
141	15.7	10.6	16.0
115	10.4	5.6	8.4#



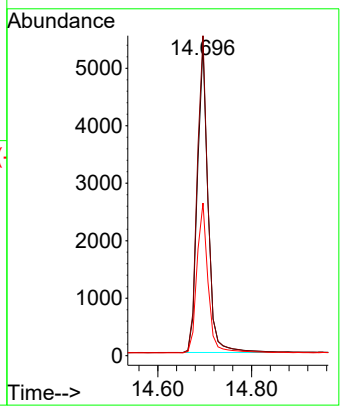


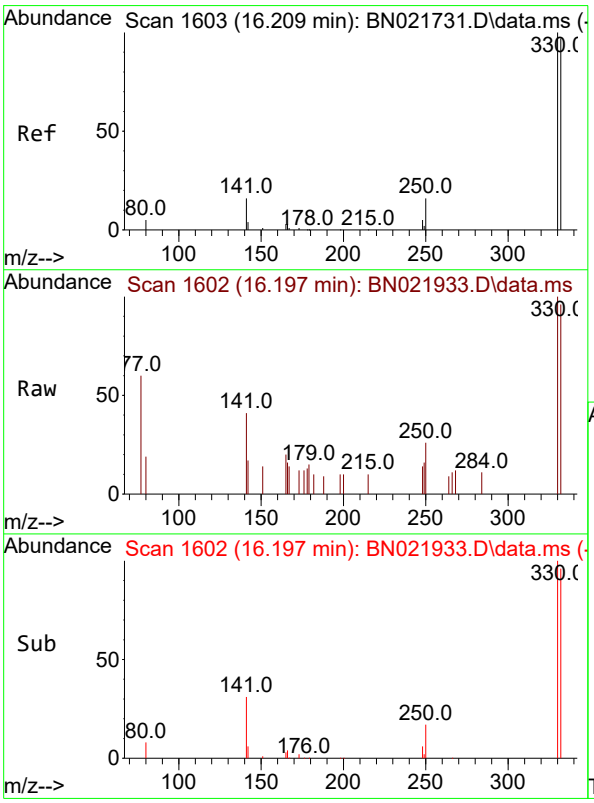
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.696 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8481

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.2	124.8
160	49.2	40.9	61.3

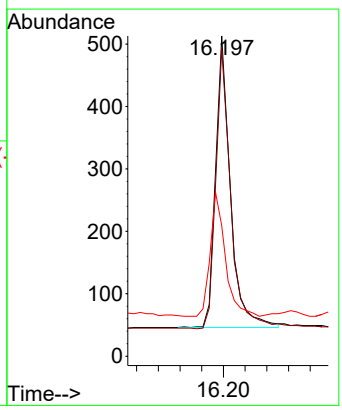


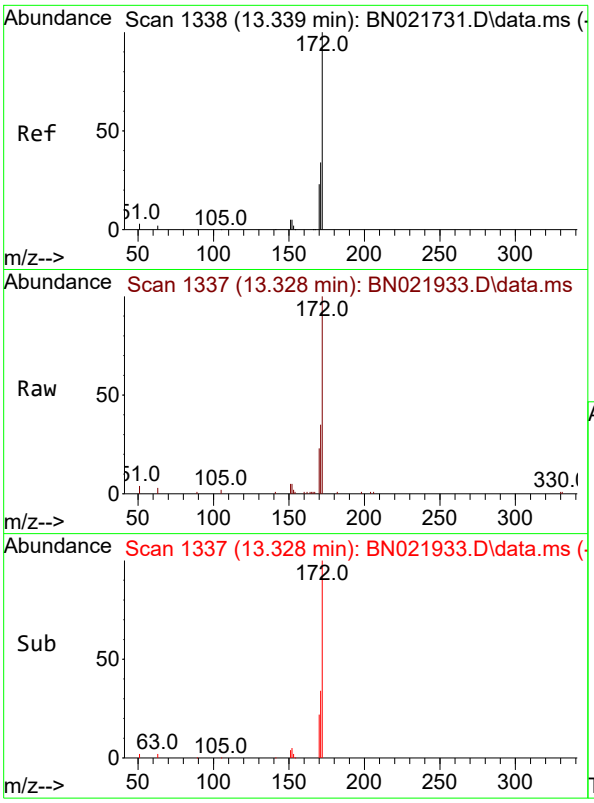


#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 16.197 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:330 Resp: 885

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	42.9	37.2	55.8



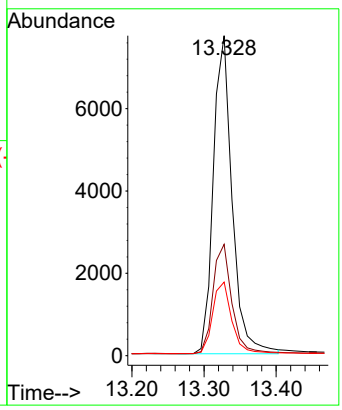


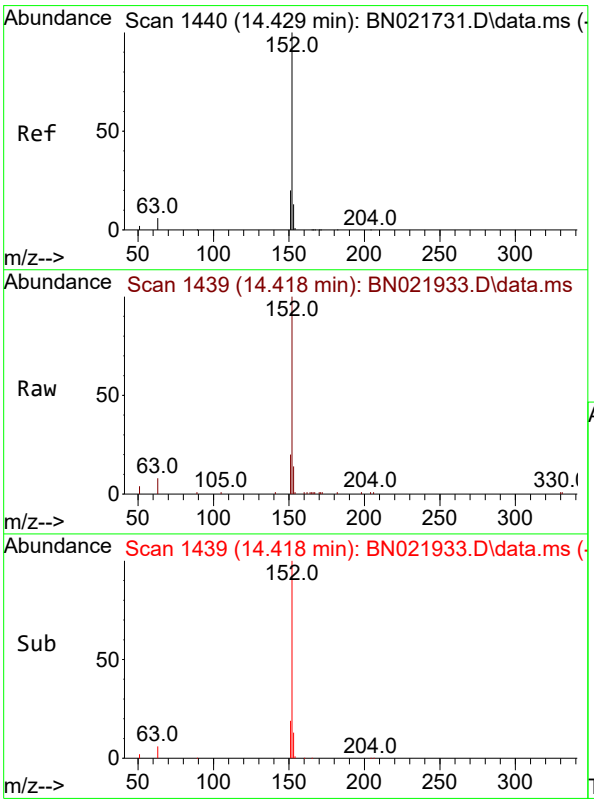
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.328 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 13974

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.7	41.5
170	23.0	18.8	28.2

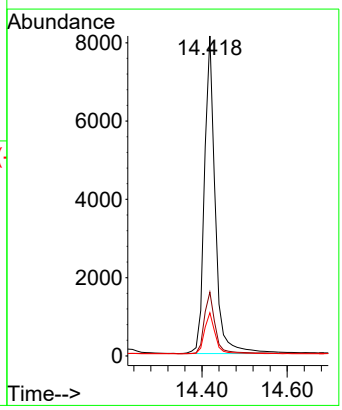


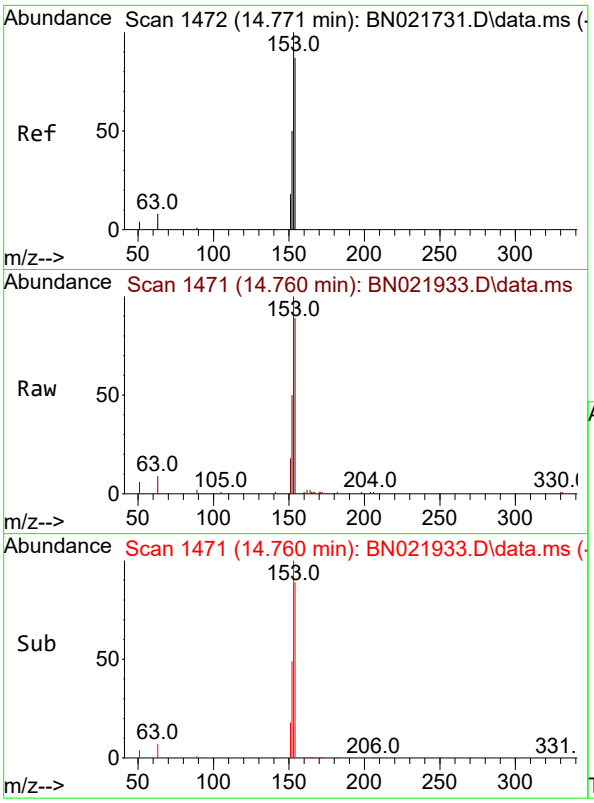


#16
Acenaphthylene
Concen: 0.353 ng
RT: 14.418 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:152 Resp: 14286

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0
153	13.1	10.3	15.5



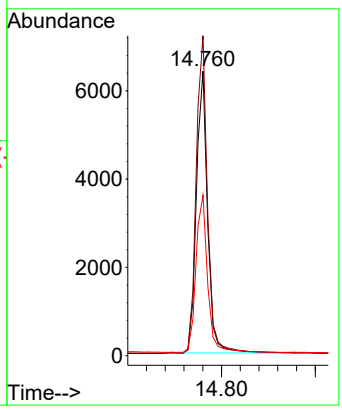


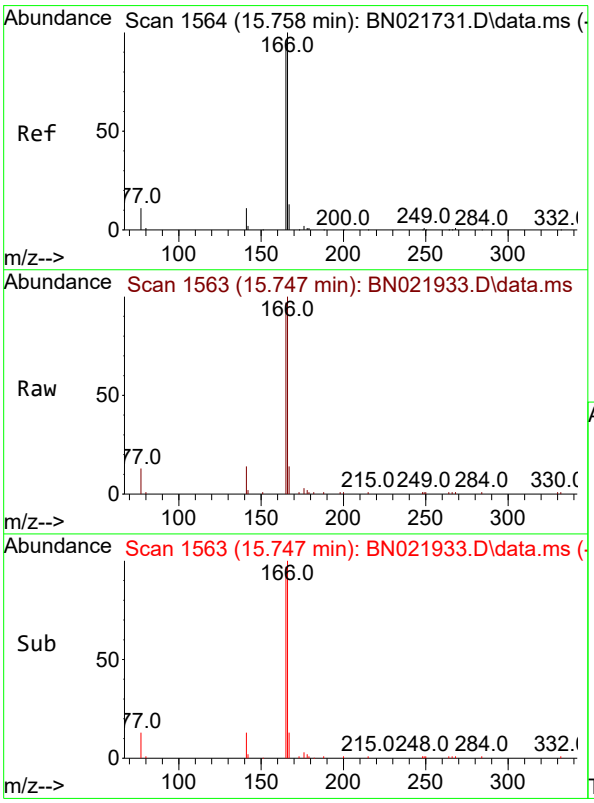
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.760 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10590

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.0	136.4
152	57.6	46.0	69.0

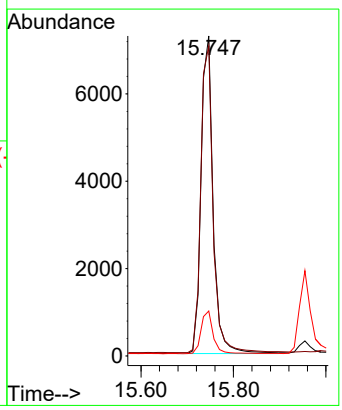


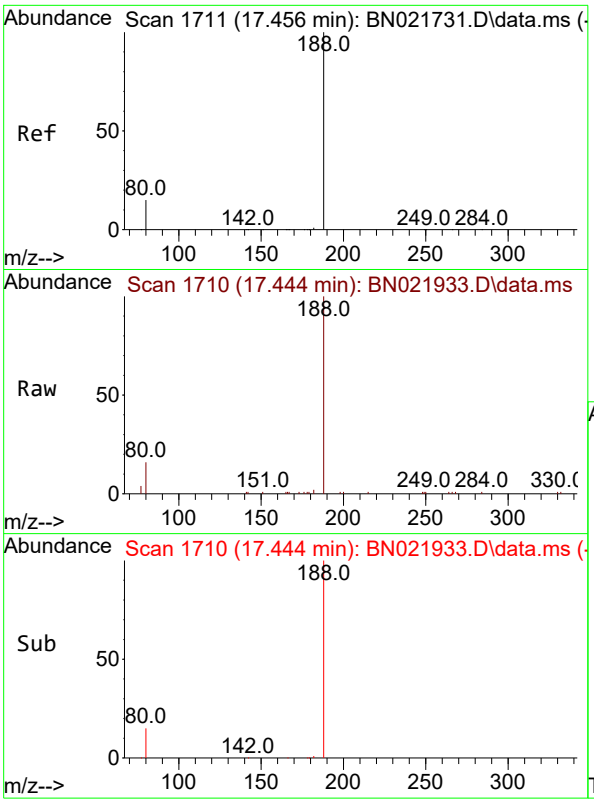


#18
Fluorene
Concen: 0.353 ng
RT: 15.747 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:166 Resp: 12995

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.4	119.0
167	13.7	10.6	15.8



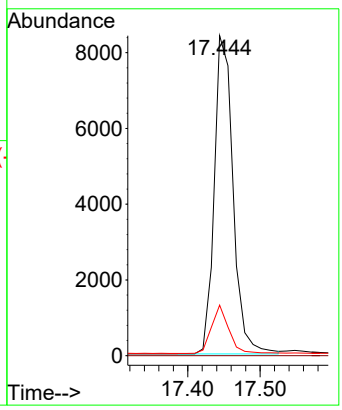


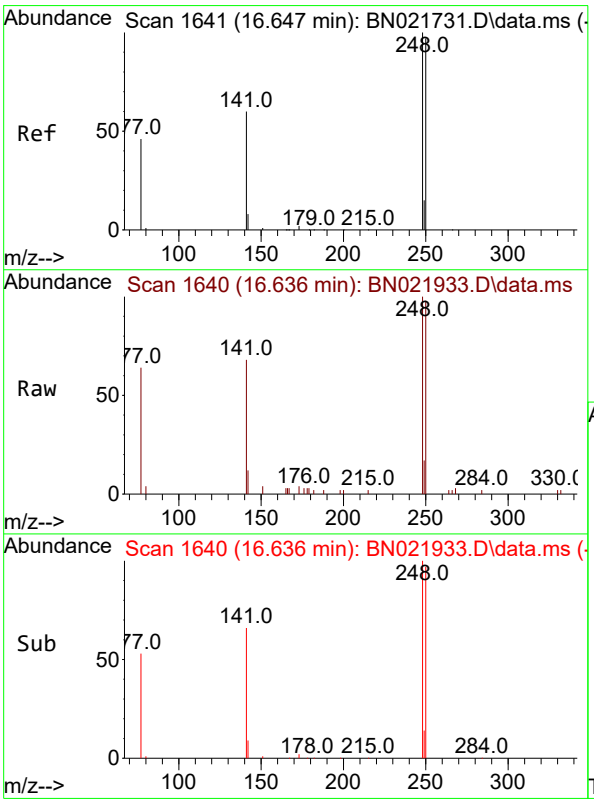
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 15153

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.8	12.6	19.0

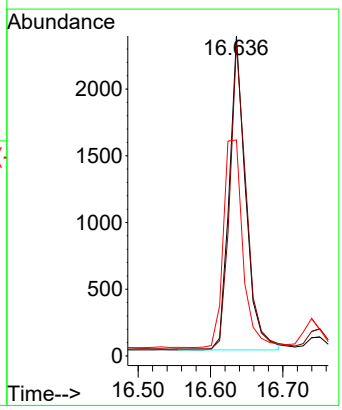


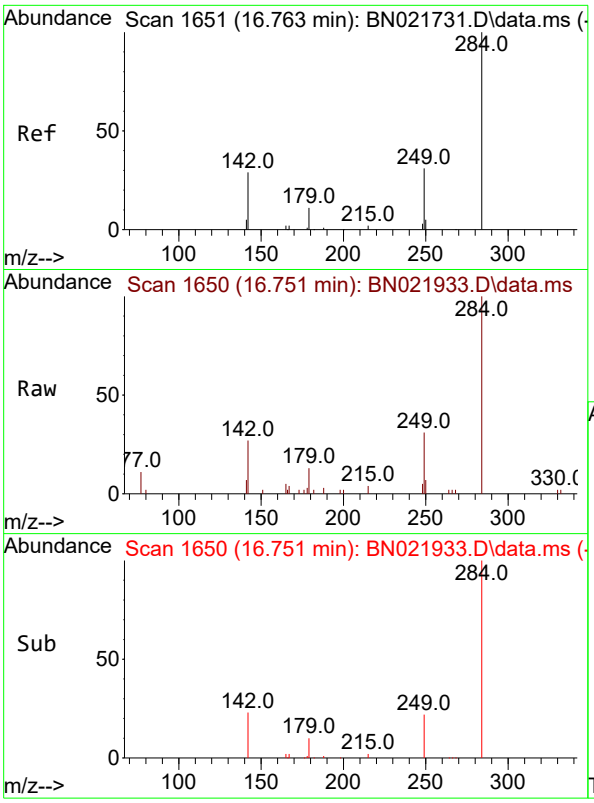


#21
4-Bromophenyl-phenylether
Concen: 0.395 ng
RT: 16.636 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:248 Resp: 3689

Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.8	116.8
141	67.5	49.0	73.4



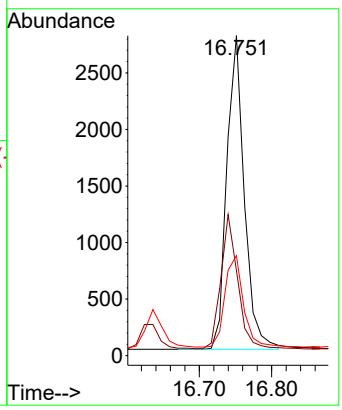


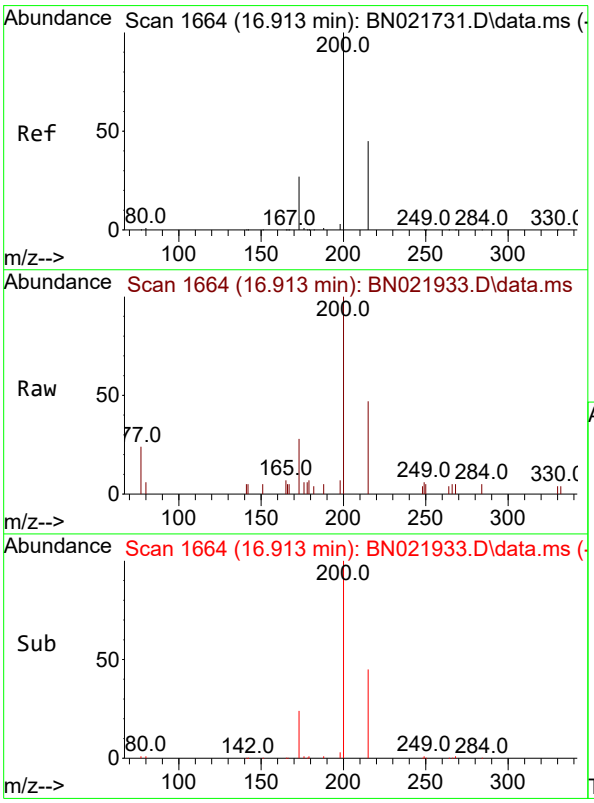
#22
Hexachlorobenzene
Concen: 0.444 ng
RT: 16.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4665

Ion	Ratio	Lower	Upper
284	100		
142	40.6	33.4	50.2
249	30.6	25.1	37.7

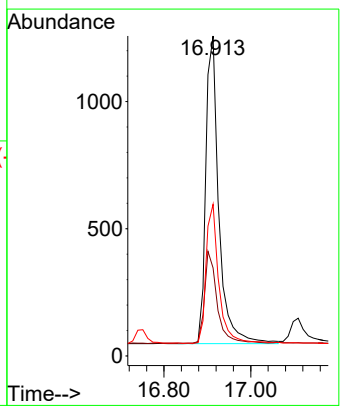


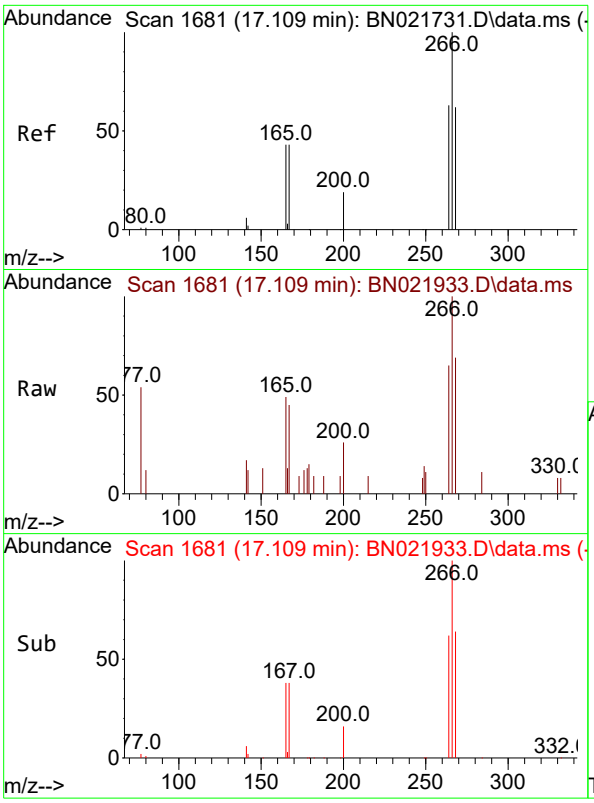


#23
Atrazine
Concen: 0.326 ng
RT: 16.913 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:200 Resp: 2516

Ion	Ratio	Lower	Upper
200	100		
173	27.5	22.9	34.3
215	47.4	36.9	55.3



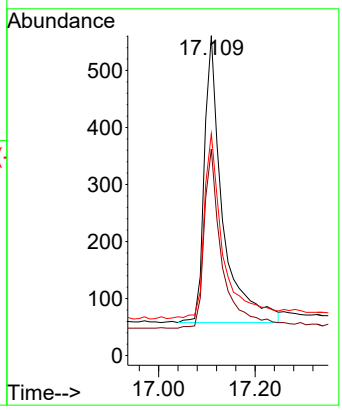


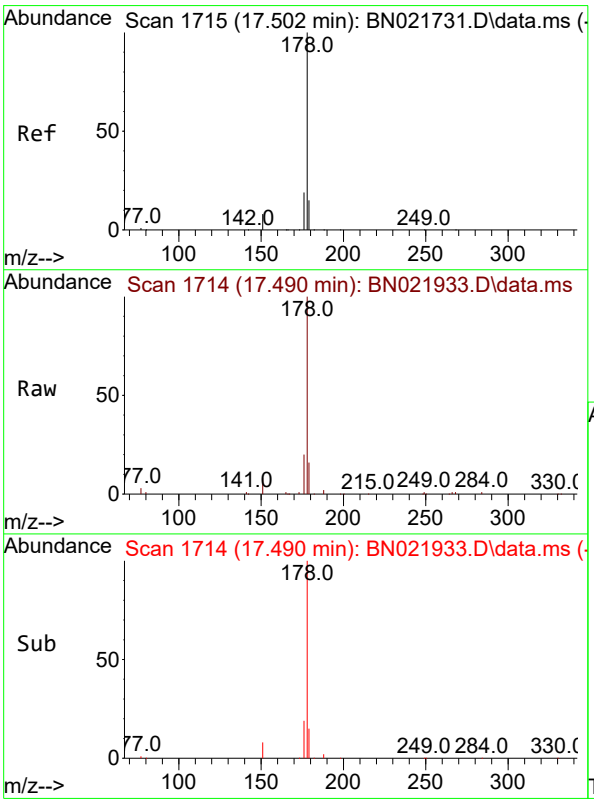
#24
Pentachlorophenol
Concen: 0.335 ng
RT: 17.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 1319

Ion	Ratio	Lower	Upper
266	100		
264	61.2	50.0	75.0
268	65.2	50.2	75.2

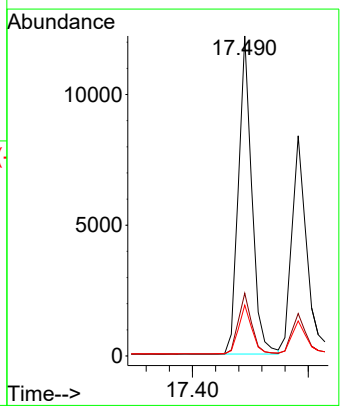


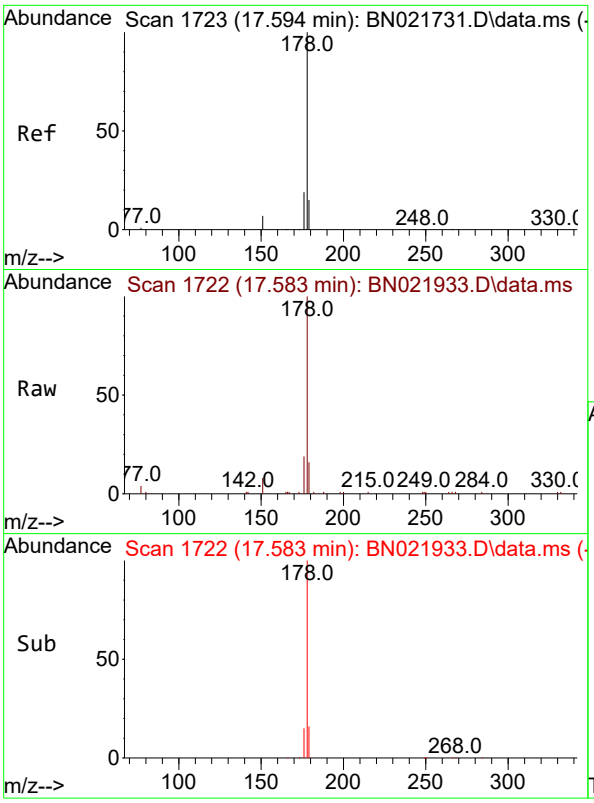


#25
Phenanthrene
Concen: 0.383 ng
RT: 17.490 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:178 Resp: 19467

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



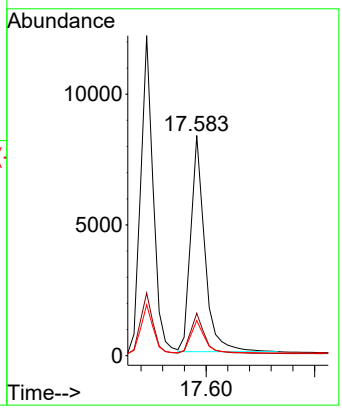


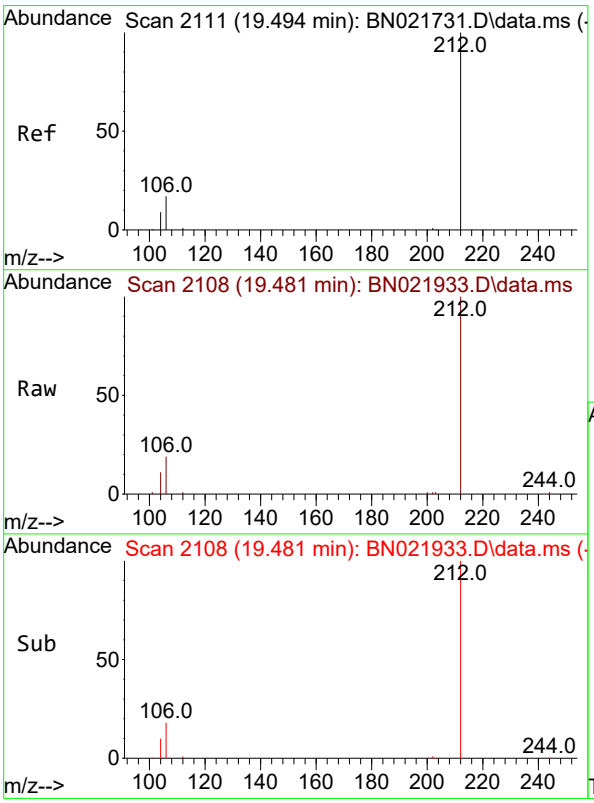
#26
Anthracene
Concen: 0.347 ng
RT: 17.583 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 14947

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.0	12.2	18.2

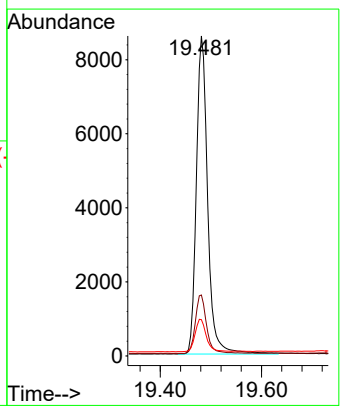


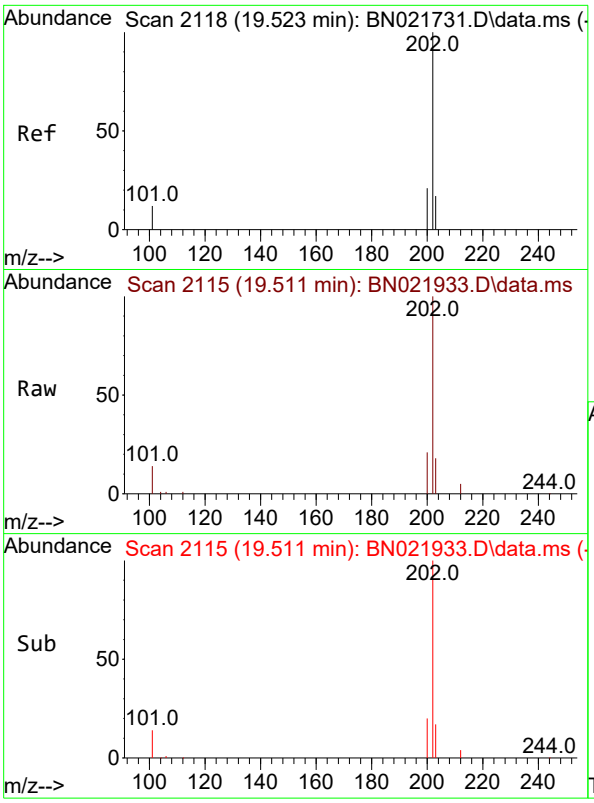


#27
Fluoranthene-d10
Concen: 0.326 ng
RT: 19.481 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:212 Resp: 13285

Ion	Ratio	Lower	Upper
212	100		
106	18.3	14.3	21.5
104	10.1	8.0	12.0



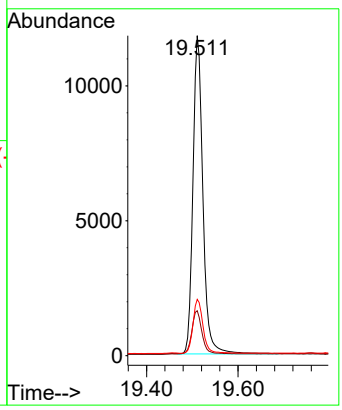


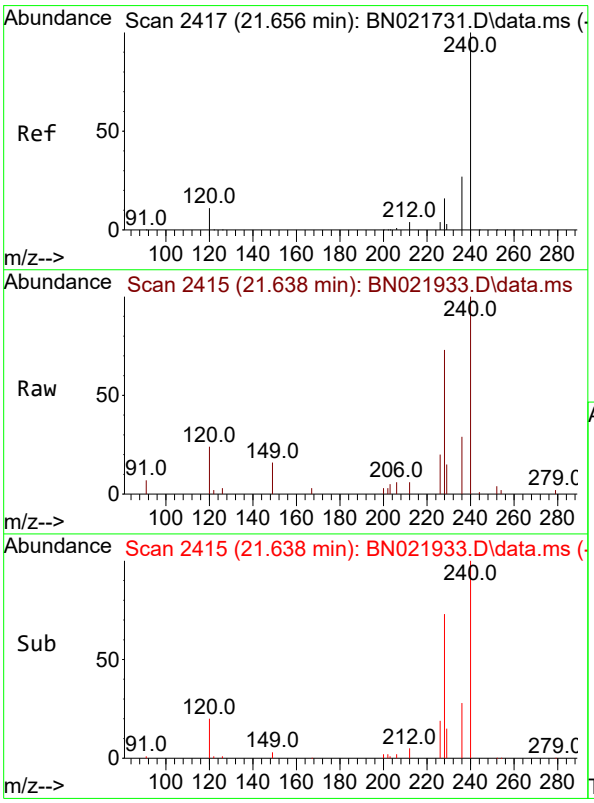
#28
Fluoranthene
Concen: 0.327 ng
RT: 19.511 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 17905

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.4
203	16.9	13.7	20.5

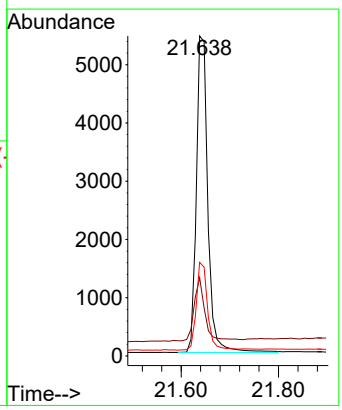


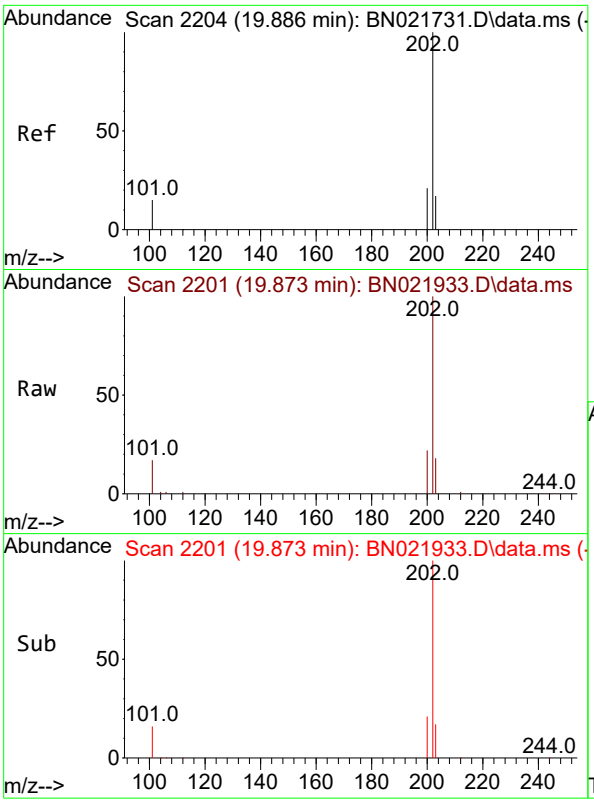


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.638 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:240 Resp: 8865

Ion	Ratio	Lower	Upper
240	100		
120	24.4	9.8	14.8#
236	29.3	22.2	33.4



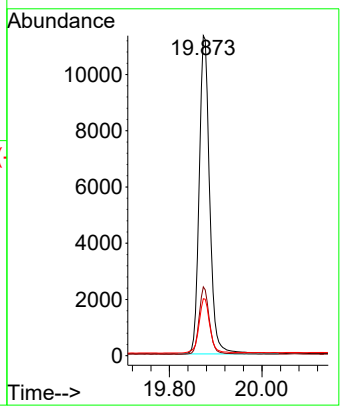


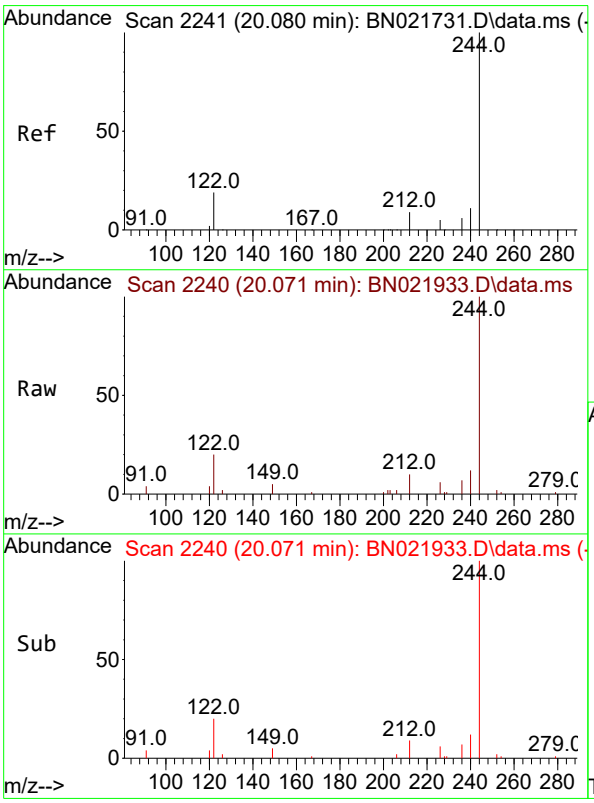
#30
Pyrene
Concen: 0.431 ng
RT: 19.873 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 18991

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.0	22.4
203	16.5	12.8	19.2

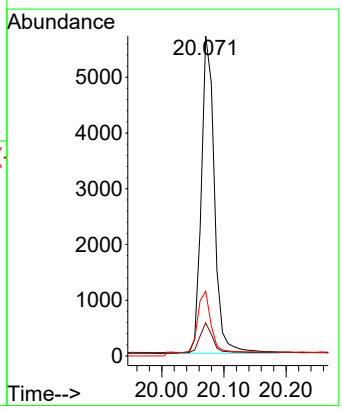


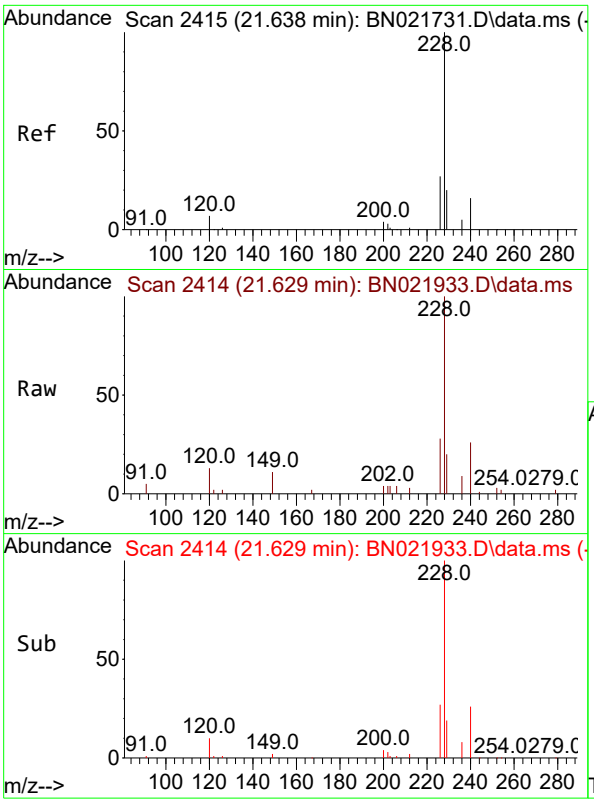


#31
Terphenyl-d14
Concen: 0.412 ng
RT: 20.071 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:244 Resp: 8346

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.9	11.9
122	20.3	15.8	23.8



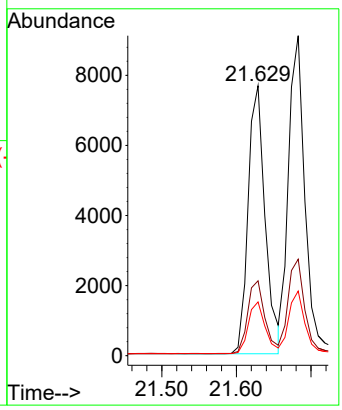


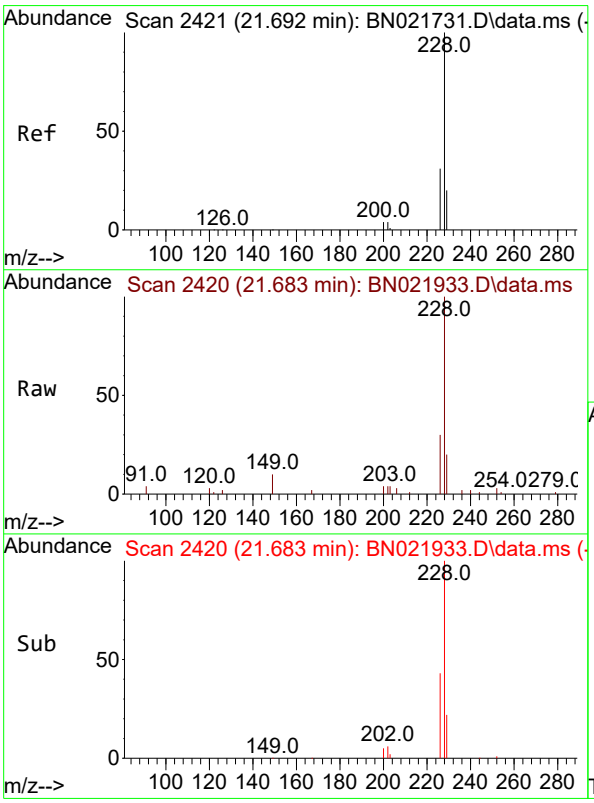
#32
Benzo(a)anthracene
Concen: 0.358 ng
RT: 21.629 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 12165

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.5	32.3
229	19.9	15.8	23.8

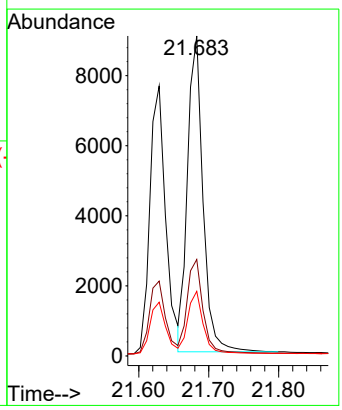


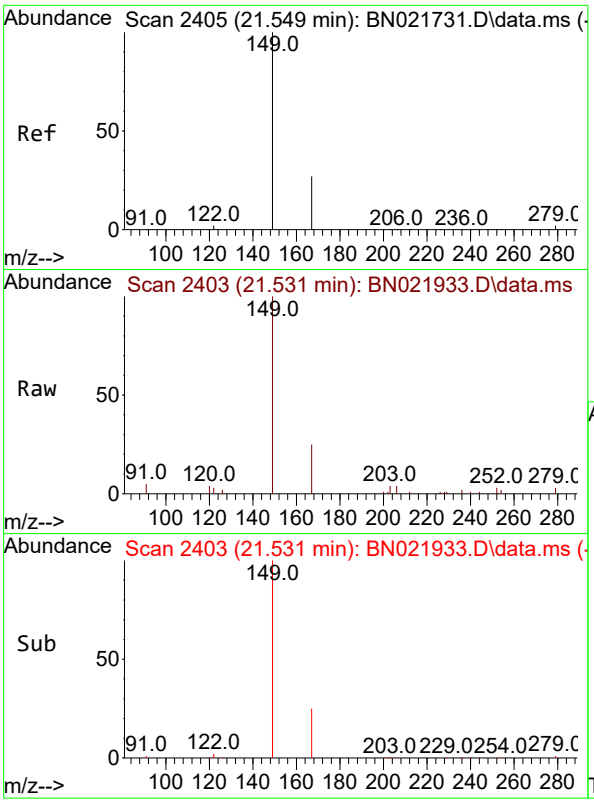


#33
Chrysene
Concen: 0.390 ng
RT: 21.683 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:228 Resp: 13789

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	20.2	16.0	24.0



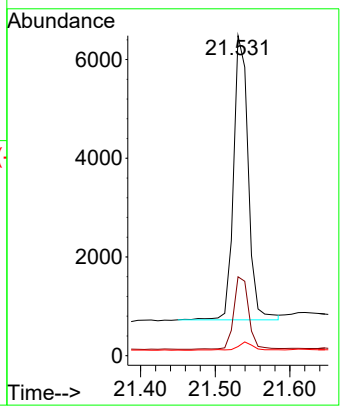


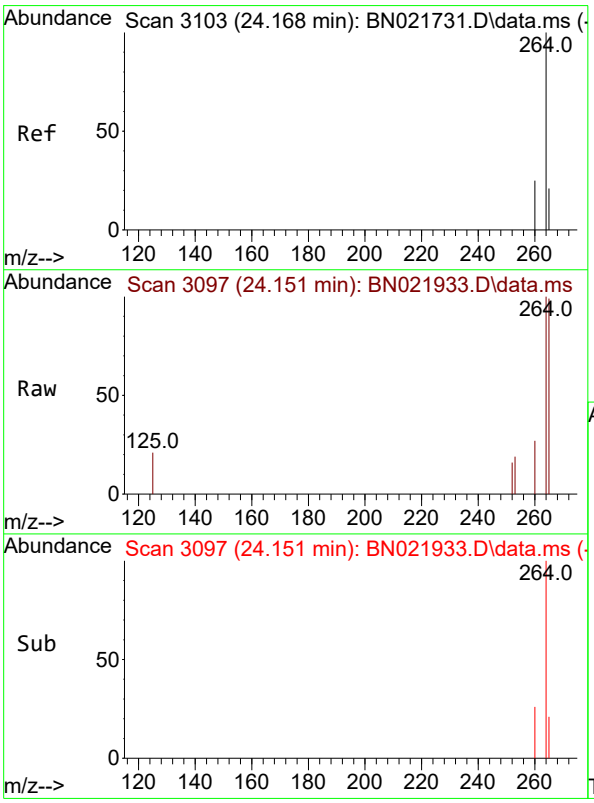
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.345 ng
RT: 21.531 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 7832

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.8	31.2
279	3.1	2.1	3.1

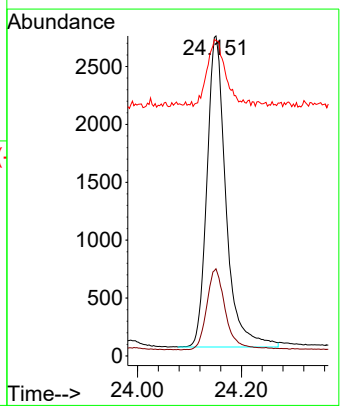


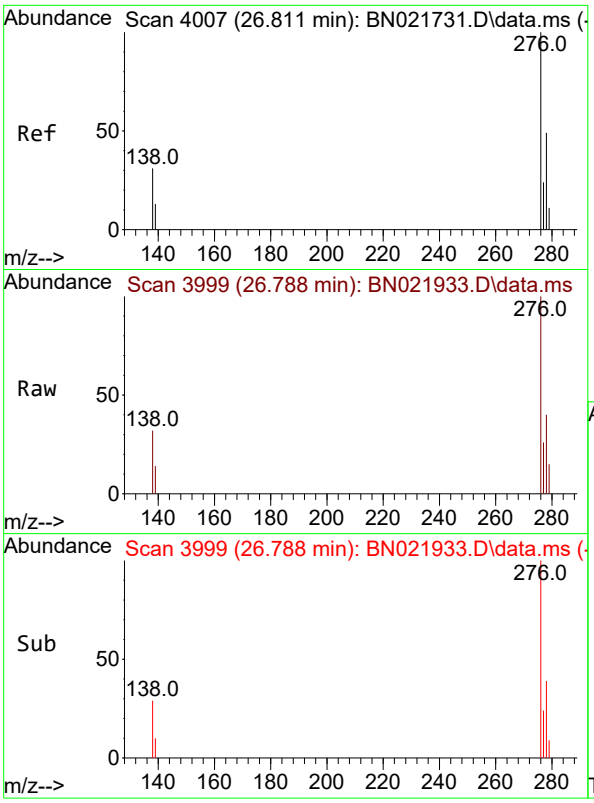


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.151 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:264 Resp: 6806

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.6	31.0
265	98.6	34.4	51.6#



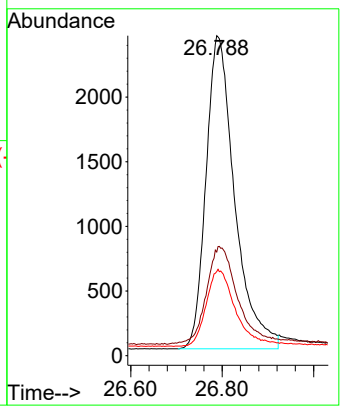


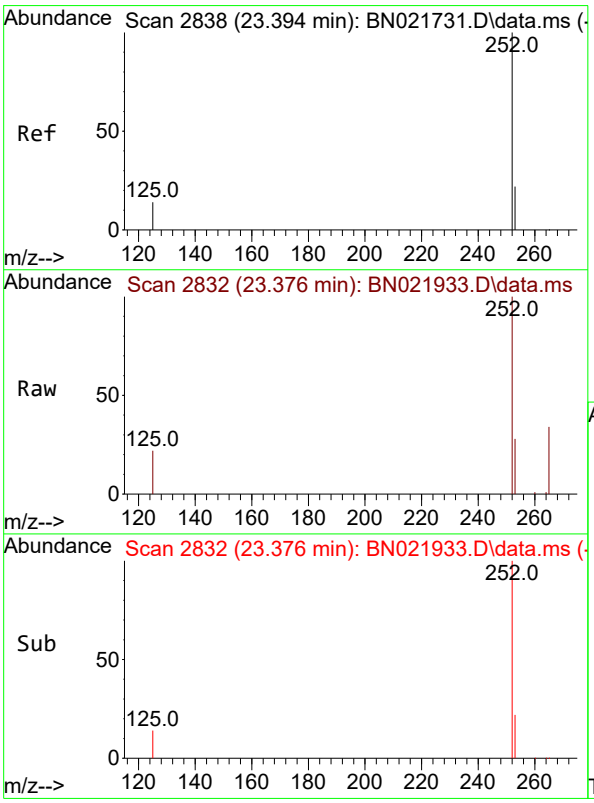
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng
RT: 26.788 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10534

Ion	Ratio	Lower	Upper
276	100		
138	33.0	27.4	41.0
277	24.8	19.8	29.6

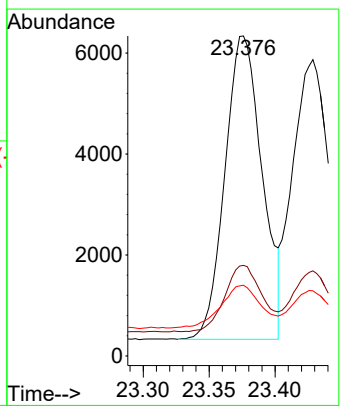


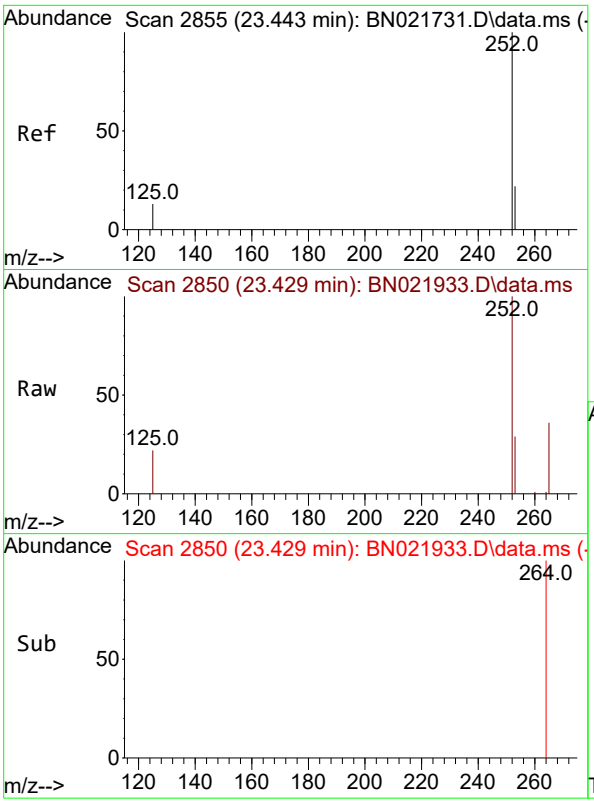


#37
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 23.376 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:252 Resp: 11795

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.6	29.4
125	22.1	13.0	19.4#



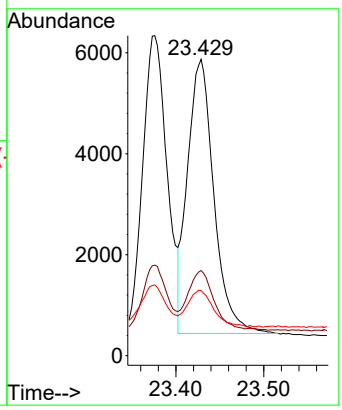


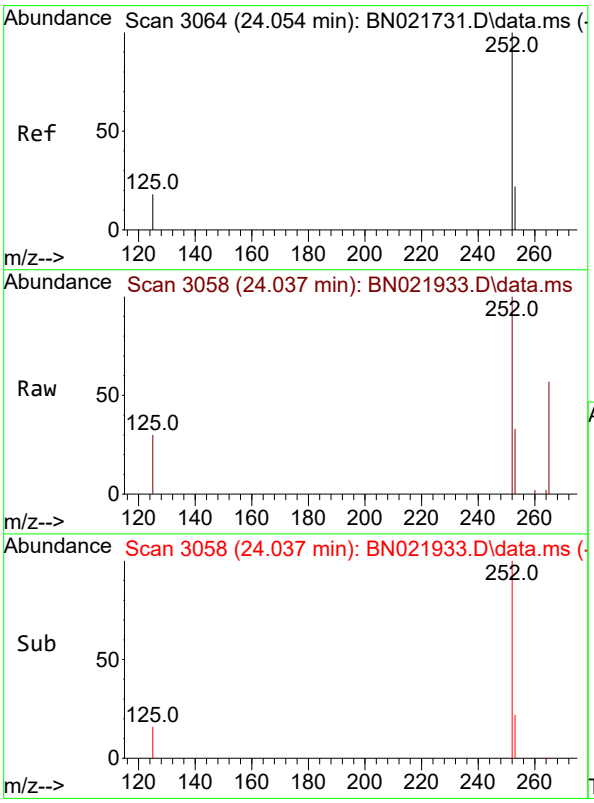
#38
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.429 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11356

Ion	Ratio	Lower	Upper
252	100		
253	28.7	19.4	29.2
125	22.0	12.6	18.8#

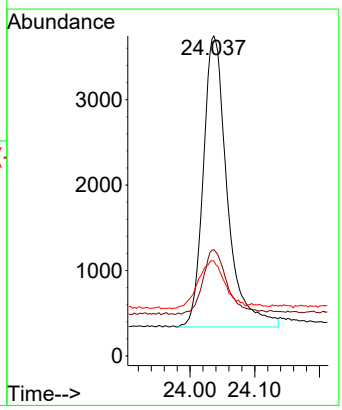


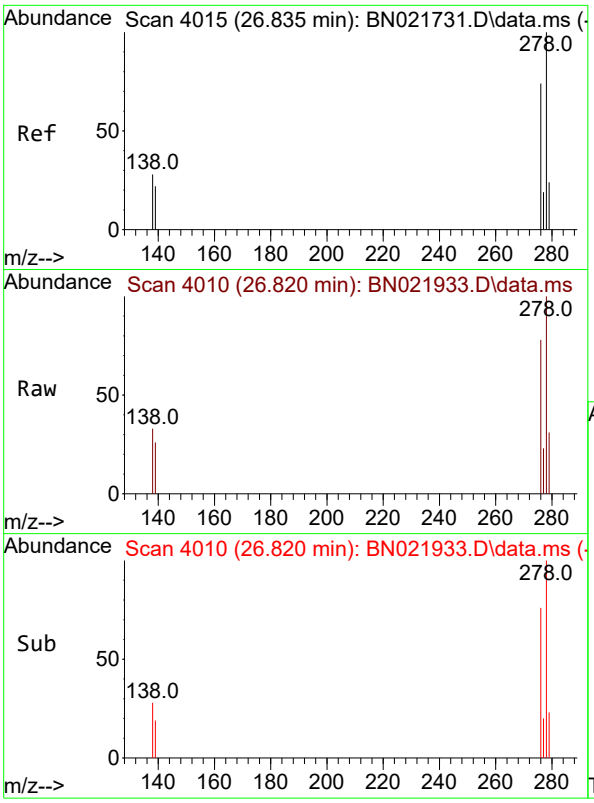


#39
Benzo(a)pyrene
Concen: 0.356 ng
RT: 24.037 min Scan# 3058
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:252 Resp: 8767

Ion	Ratio	Lower	Upper
252	100		
253	33.2	20.8	31.2#
125	29.7	17.4	26.0#



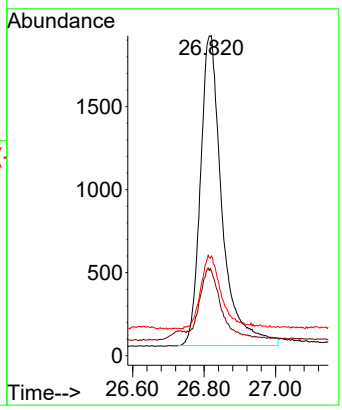


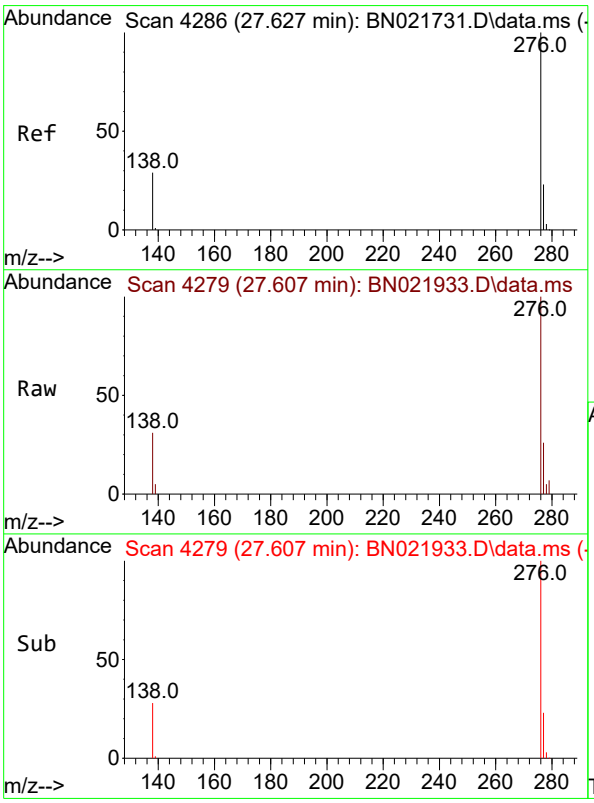
#40
Dibenzo(a,h)anthracene
Concen: 0.307 ng
RT: 26.820 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 7848

Ion	Ratio	Lower	Upper
278	100		
139	26.4	19.2	28.8
279	31.1	20.5	30.7#





#41
Benzo(g,h,i)perylene
Concen: 0.392 ng
RT: 27.607 min Scan# 4279
Delta R.T. 0.000 min
Lab File: BN021933.D
Acq: 27 Sep 2022 13:42

Tgt Ion:276 Resp: 10317

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.2	28.8
138	31.3	24.2	36.2