Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091522\
Data File : BN021775.D
Acq On : 15 Sep 2022 19:12
Operator : CG/JU
Sample : PB147668BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Quant Time: Sep 16 06:26:14 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 14 01:55:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.054	152	5142	0.400	ng		0.00
7) Naphthalene-d8	10.887	136	16116	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	9687	0.400	ng		0.00
19) Phenanthrene-d10	17.456	188	20914	0.400	ng		0.00
29) Chrysene-d12	21.647	240	15472	0.400	ng		# 0.00
35) Perylene-d12	24.160	264	11765	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	5359	0.398	ng		0.00
5) Phenol-d6	7.209	99	6847	0.401	ng		0.00
8) Nitrobenzene-d5	9.233	82	5069	0.380	ng		0.00
11) 2-Methylnaphthalene-d10	12.471	152	15387	0.378	ng		0.00
14) 2,4,6-Tribromophenol	16.197	330	1481	0.334	ng		-0.01
15) 2-Fluorobiphenyl	13.339	172	15425	0.390	ng		0.00
27) Fluoranthene-d10	19.490	212	20489	0.364	ng		0.00
31) Terphenyl-d14	20.080	244	13884	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2488	0.374	ng		98
3) n-Nitrosodimethylamine	3.743	42	2645	0.392	ng		92
6) bis(2-Chloroethyl)ether	7.469	93	6444	0.381	ng		99
9) Naphthalene	10.930	128	18437	0.388	ng		99
10) Hexachlorobutadiene	11.218	225	3117	0.392	ng	#	98
12) 2-Methylnaphthalene	12.176	142	3743	0.366	ng		99
16) Acenaphthylene	14.429	152	17082	0.369	ng		100
17) Acenaphthene	14.771	154	11999	0.380	ng		99
18) Fluorene	15.747	166	15857	0.377	ng		99
21) 4-Bromophenyl-phenylether	16.647	248	4880	0.379	ng		93
22) Hexachlorobenzene	16.763	284	5729	0.395	ng		99
23) Atrazine	16.913	200	3658	0.344	ng		99
24) Pentachlorophenol	17.109	266	1252	0.230	ng		98
25) Phenanthrene	17.502	178	26739	0.381	ng		100
26) Anthracene	17.594	178	21562	0.363	ng		100
28) Fluoranthene	19.519	202	27904	0.369	ng		100
30) Pyrene	19.882	202	29788	0.388	ng		97
32) Benzo(a)anthracene	21.629	228	21719	0.366	ng		98
33) Chrysene	21.683	228	24317	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.540	149	13510	0.341	ng		99
36) Indeno(1,2,3-cd)pyrene	26.797	276	20814	0.372	ng		99
37) Benzo(b)fluoranthene	23.385	252	20960	0.392	ng		98
38) Benzo(k)fluoranthene	23.435	252	19871	0.380	ng		97
39) Benzo(a)pyrene	24.043	252	16259	0.382	ng	#	94
40) Dibenzo(a,h)anthracene	26.820	278	16358	0.370	ng		99
41) Benzo(g,h,i)perylene	27.612	276	16887	0.371	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091522\
Data File : BN021775.D
Acq On : 15 Sep 2022 19:12
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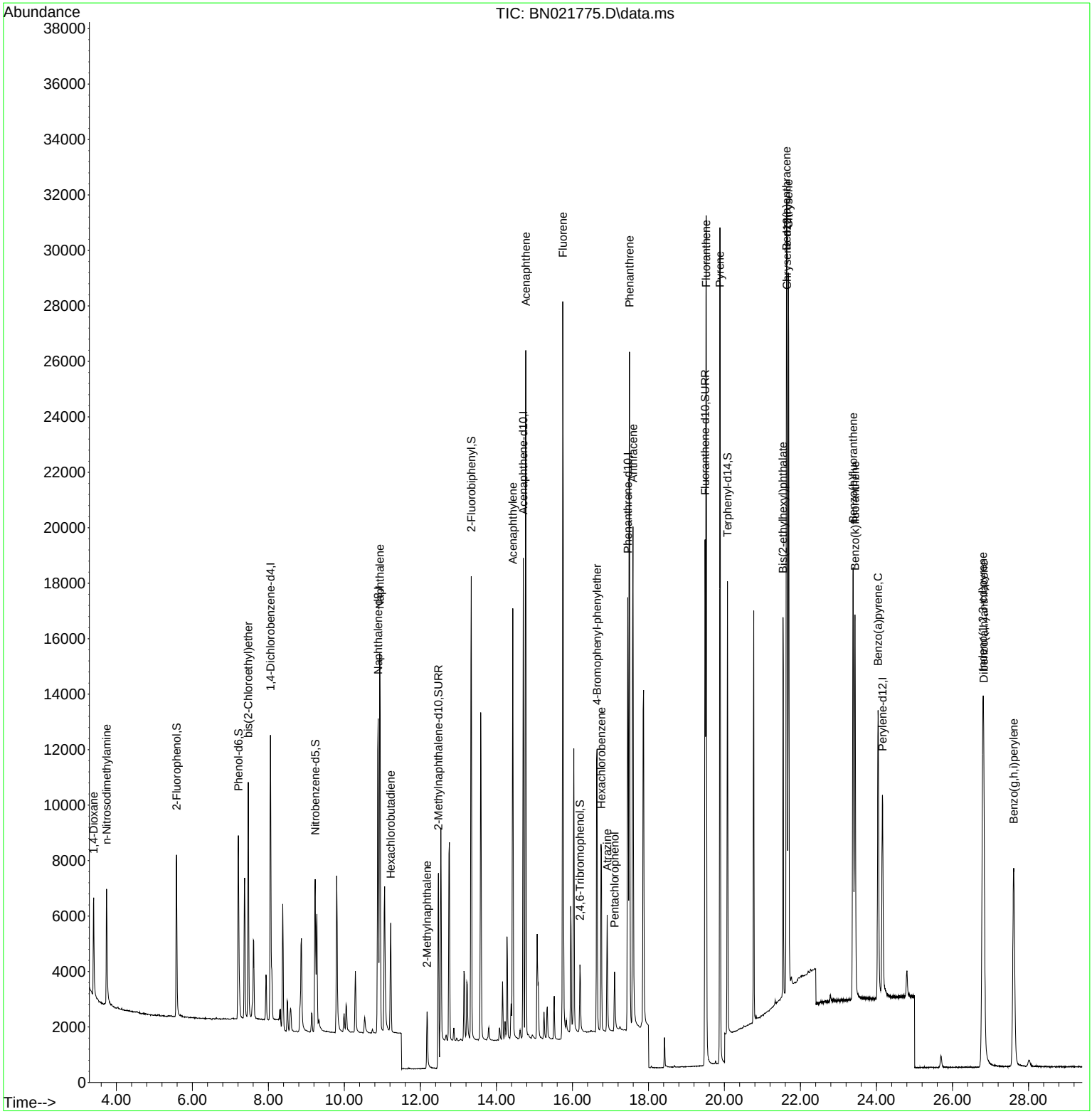
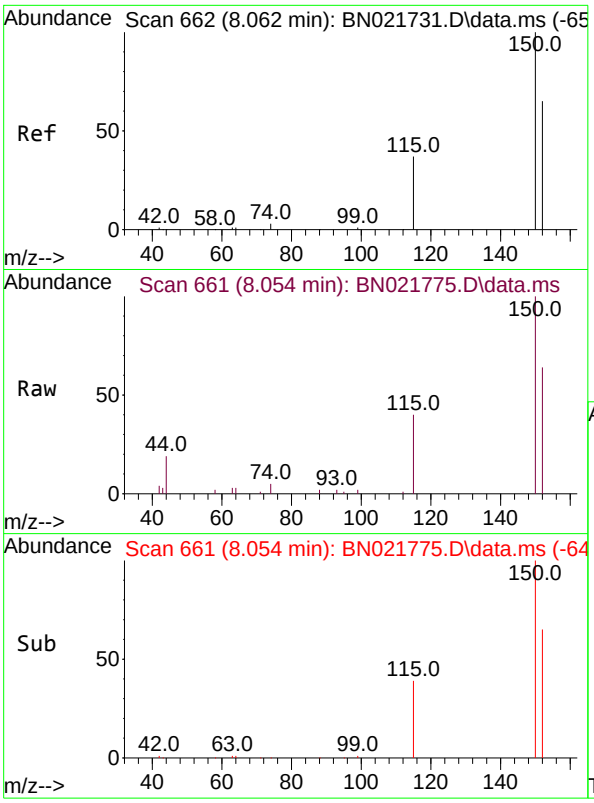
Sample : PB147668BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Quant Time: Sep 16 06:26:14 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 14 01:55:04 2022
Response via : Initial Calibration



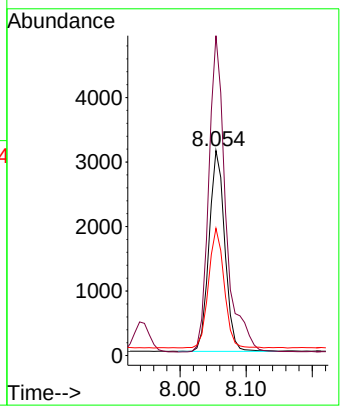


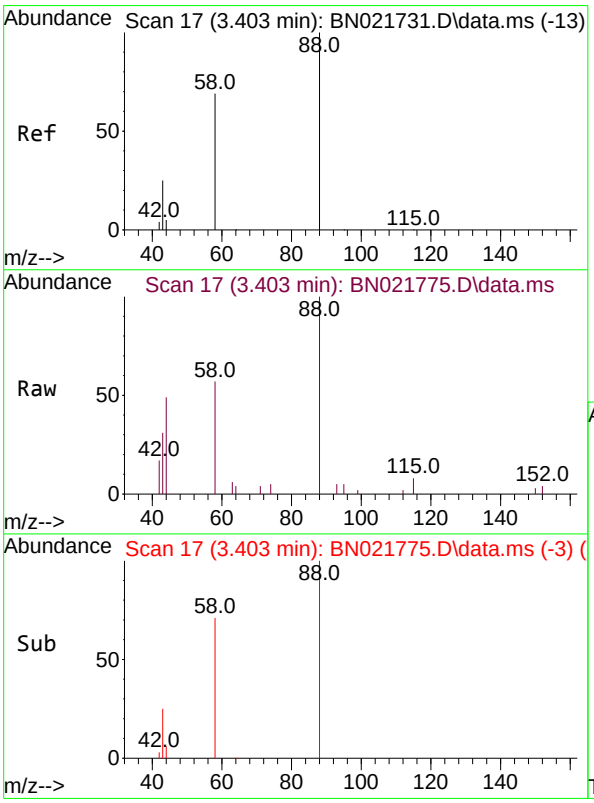
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.054 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:152 Resp: 5142

Ion	Ratio	Lower	Upper
152	100		
150	156.0	121.8	182.8
115	62.1	48.3	72.5

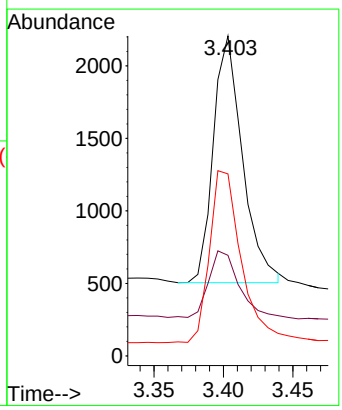


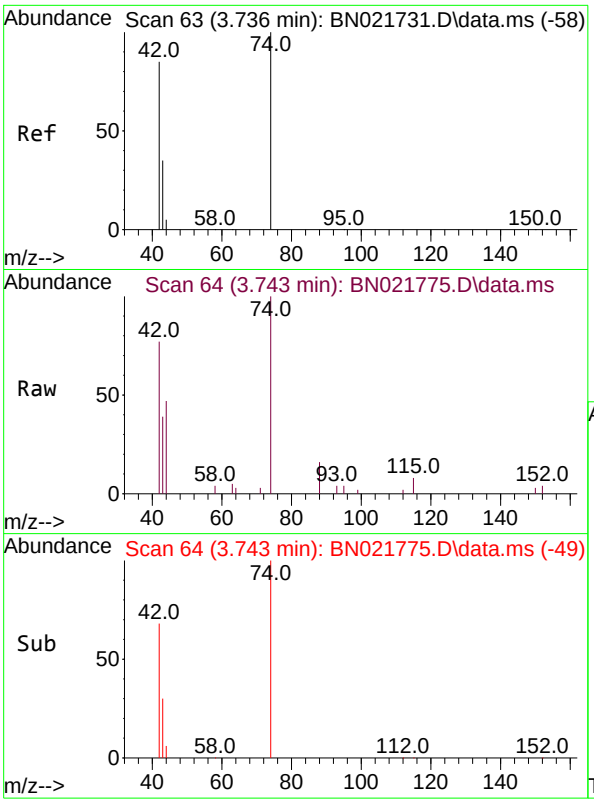


#2
1,4-Dioxane
Concen: 0.374 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion: 88 Resp: 2488

Ion	Ratio	Lower	Upper
88	100		
43	27.7	24.2	36.2
58	75.5	60.2	90.4



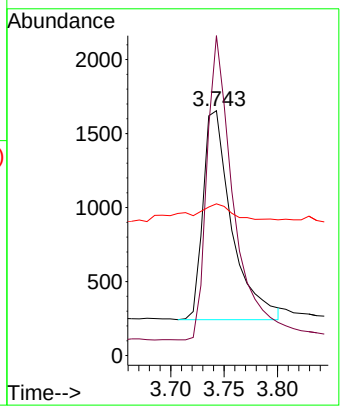


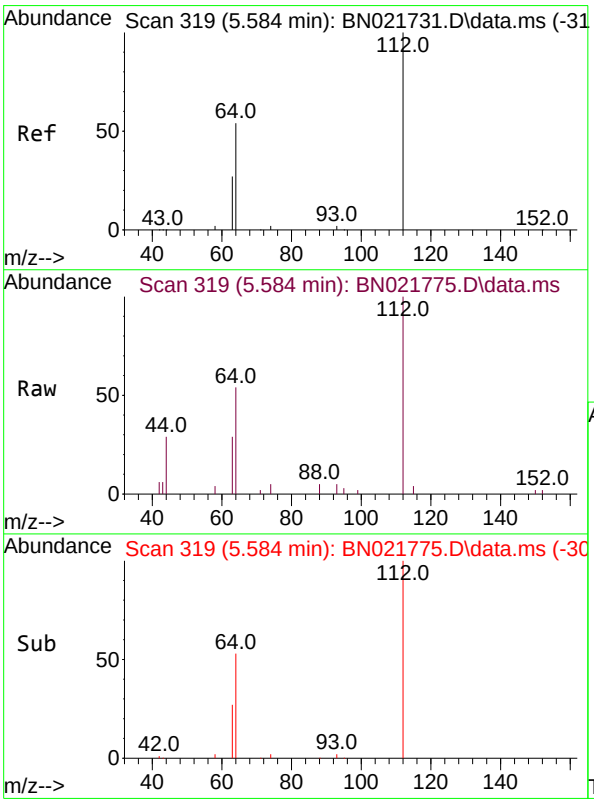
#3
n-Nitrosodimethylamine
Concen: 0.392 ng
RT: 3.743 min Scan# 64
Delta R.T. 0.007 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion: 42 Resp: 2645

Ion	Ratio	Lower	Upper
42	100		
74	134.9	116.3	174.5
44	13.4	9.0	13.4

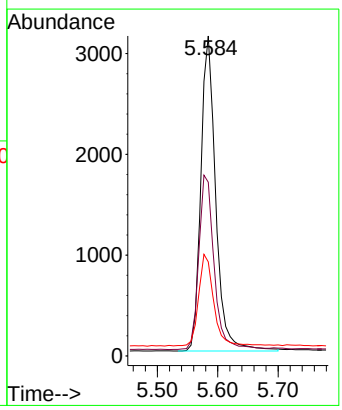


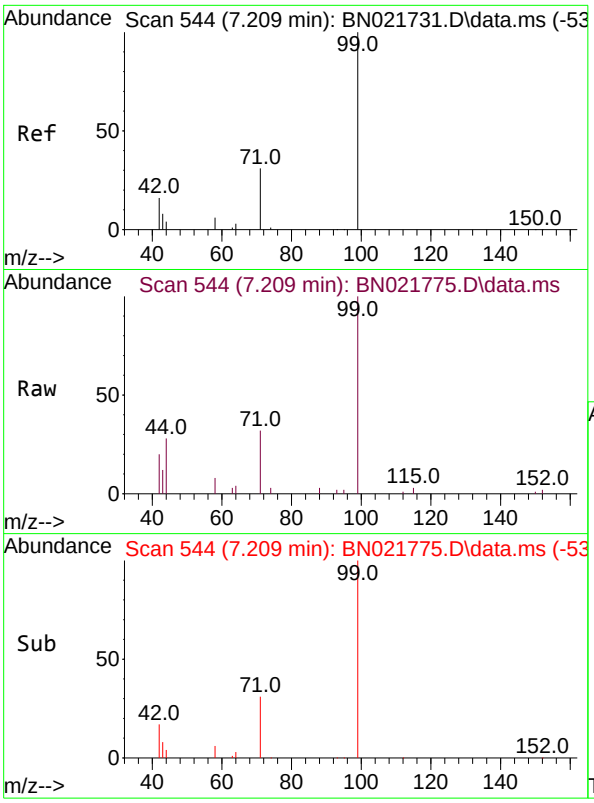


#4
2-Fluorophenol
Concen: 0.398 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:112 Resp: 5359

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.4	68.2
63	29.4	23.3	34.9



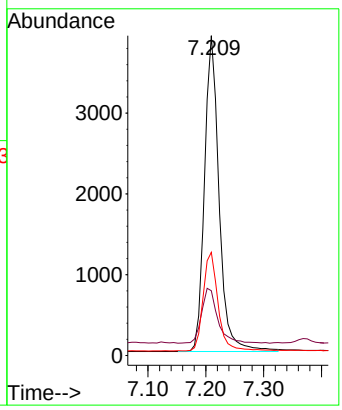


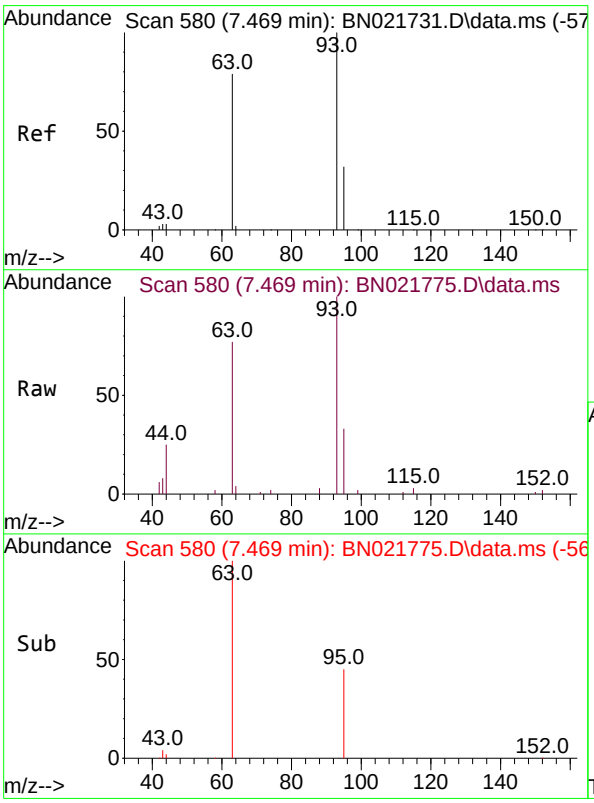
#5
Phenol-d6
Concen: 0.401 ng
RT: 7.209 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion: 99 Resp: 6847

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.1	22.7
71	31.9	25.3	37.9

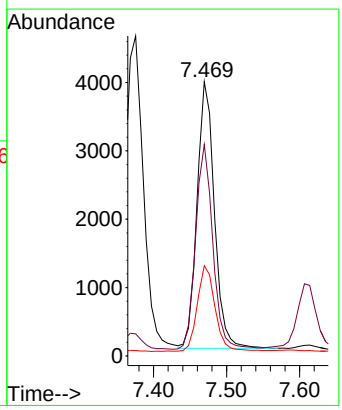


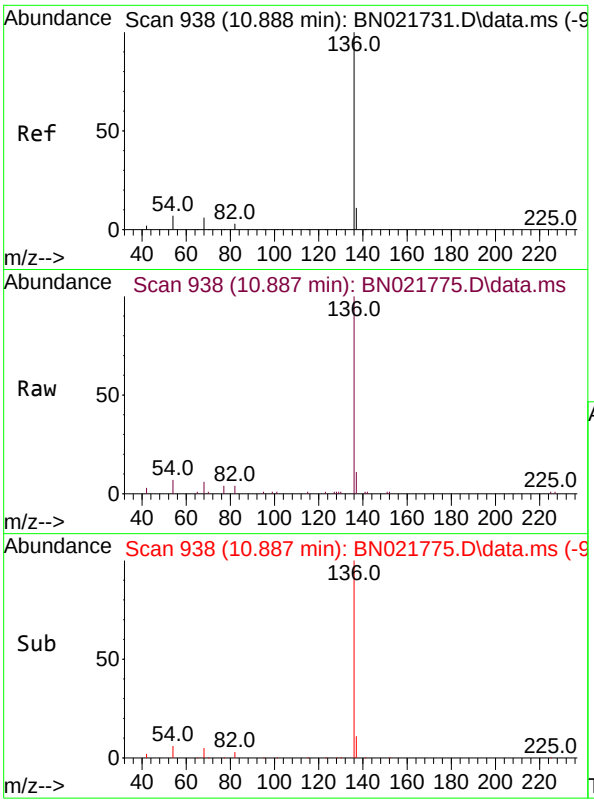


#6
bis(2-Chloroethyl)ether
Concen: 0.381 ng
RT: 7.469 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion: 93 Resp: 6444

Ion	Ratio	Lower	Upper
93	100		
63	76.3	60.0	90.0
95	33.3	26.2	39.4



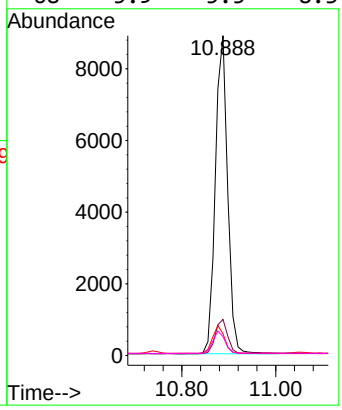


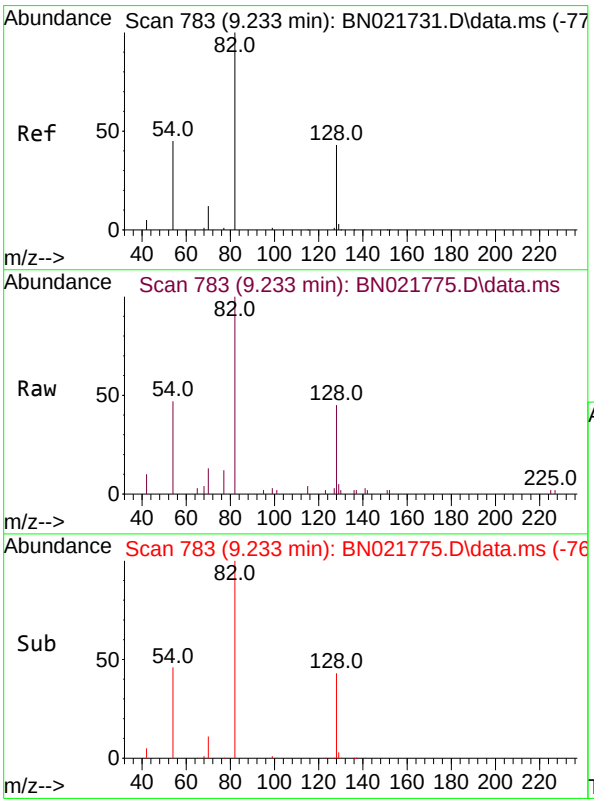
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:136 Resp: 16116

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.8	6.4	9.6
68	5.9	5.5	8.3

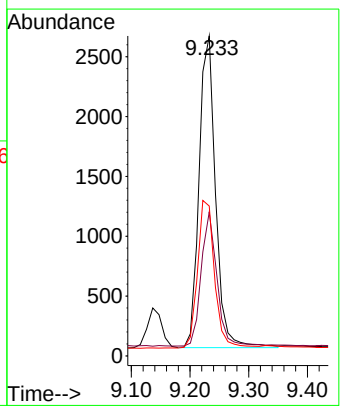


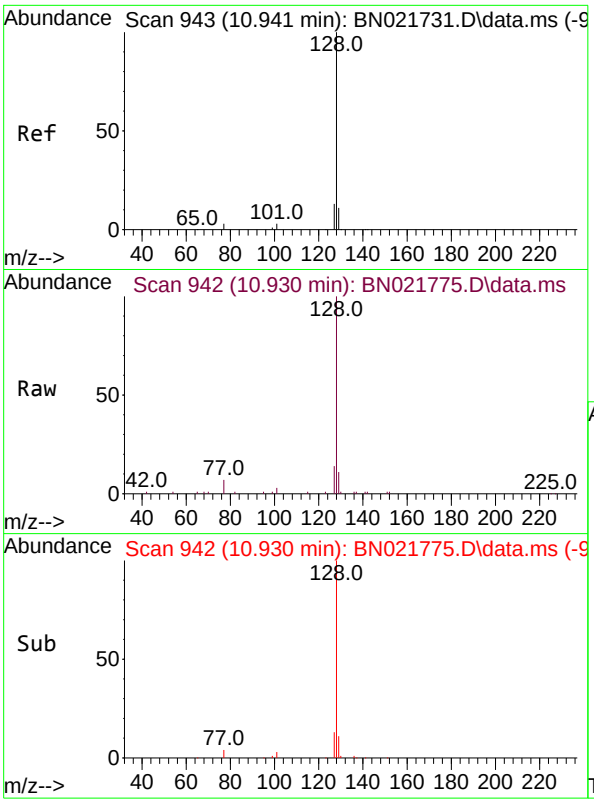


#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 9.233 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion: 82 Resp: 5069

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.6	53.4
54	46.8	37.8	56.8



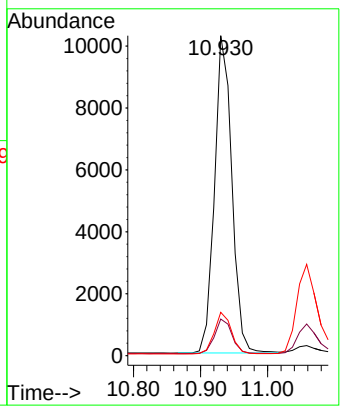


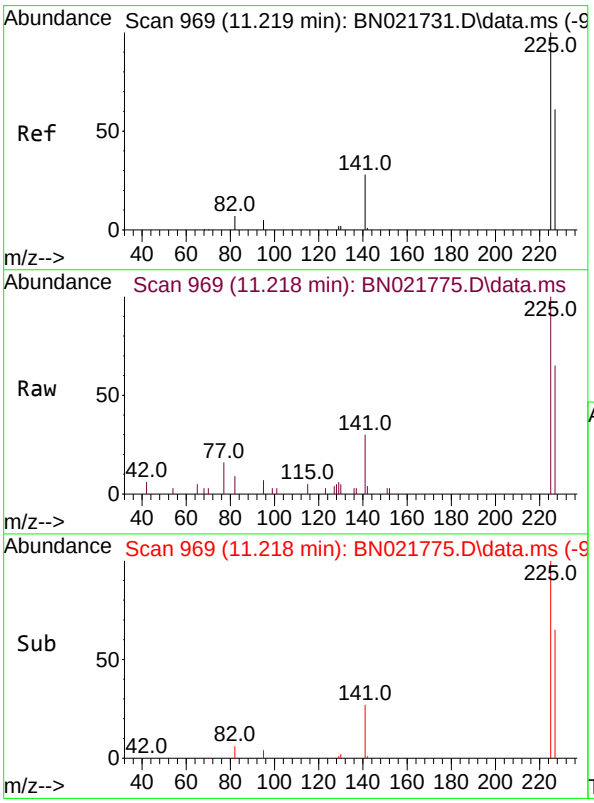
#9
Naphthalene
Concen: 0.388 ng
RT: 10.930 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:128 Resp: 18437

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.5	10.5	15.7

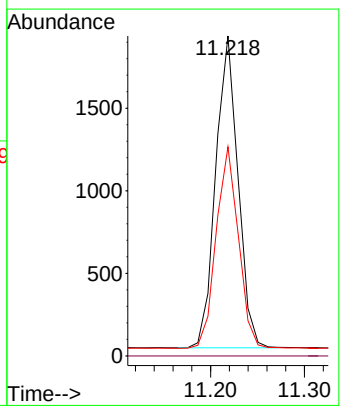


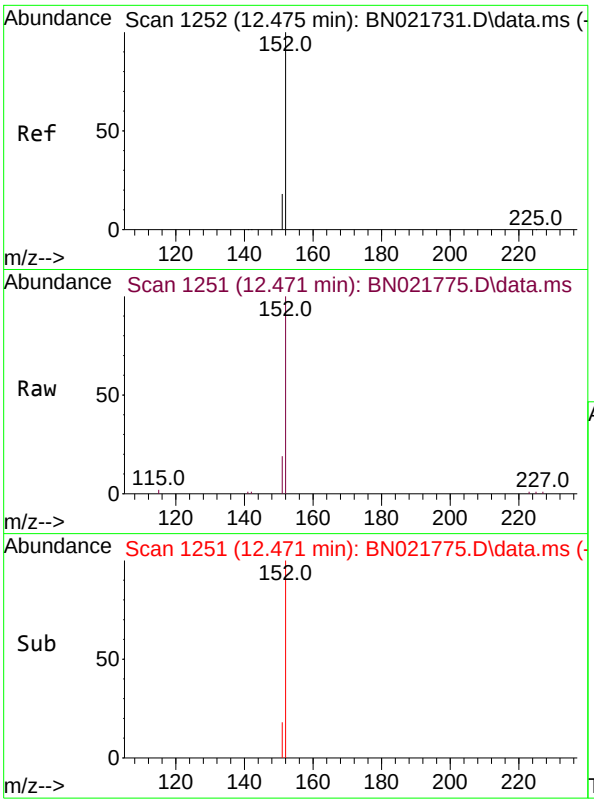


#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 11.218 min Scan# 969
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:225 Resp: 3117

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.4	75.6



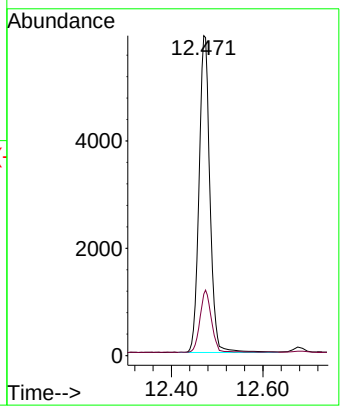


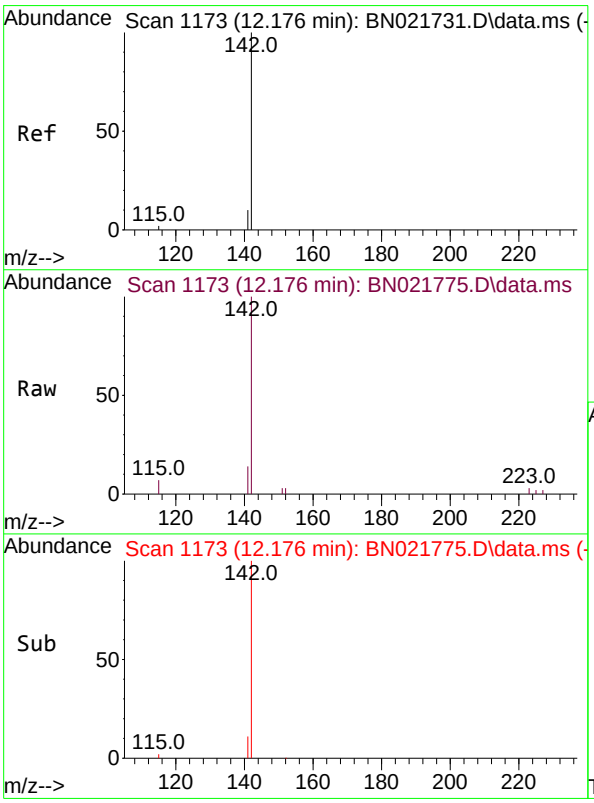
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.471 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:152 Resp: 15387

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.6	23.4

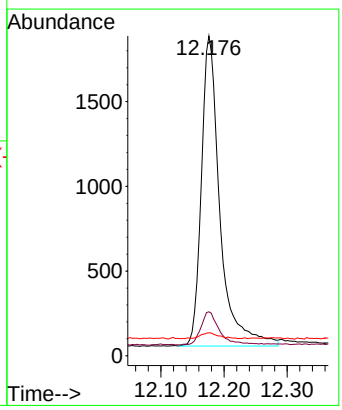


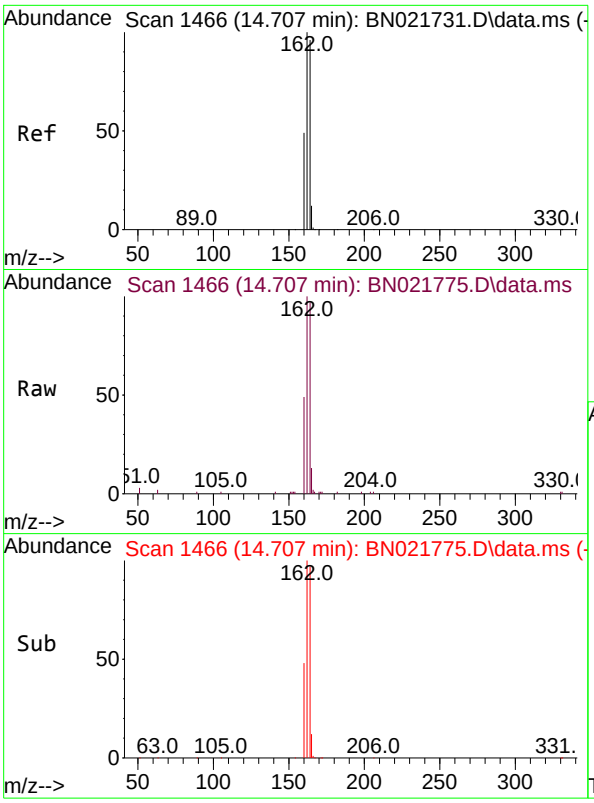


#12
2-Methylnaphthalene
Concen: 0.366 ng
RT: 12.176 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:142 Resp: 3743

Ion	Ratio	Lower	Upper
142	100		
141	13.8	10.6	16.0
115	7.2	5.6	8.4



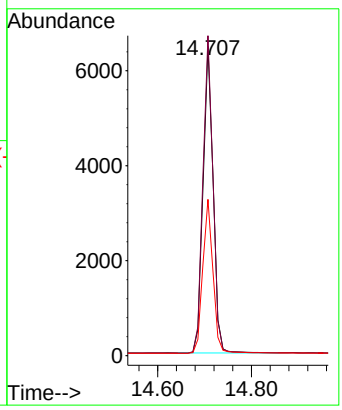


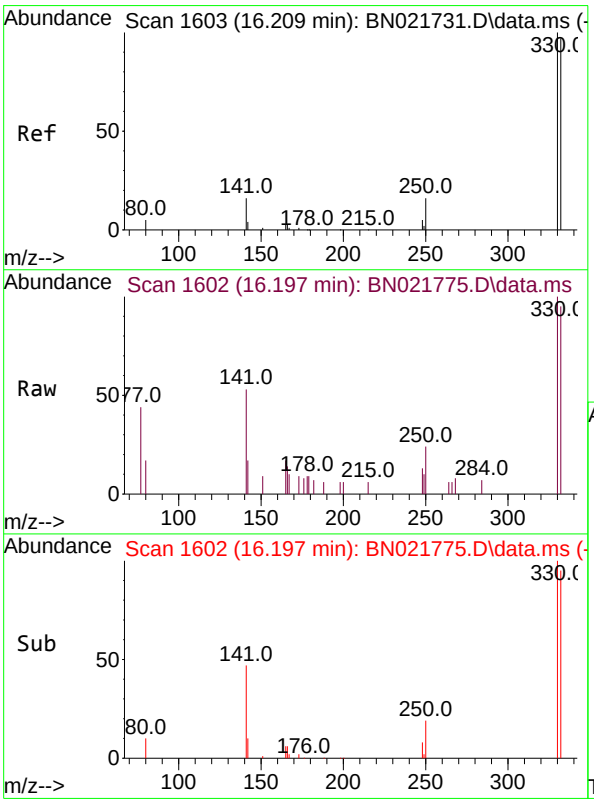
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:164 Resp: 9687

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.2	124.8
160	50.5	40.9	61.3

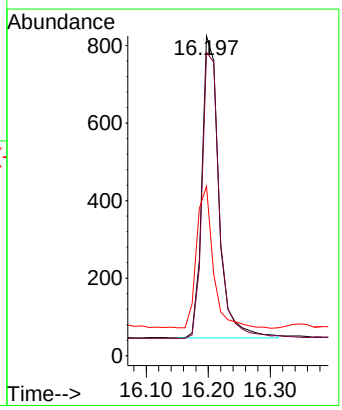


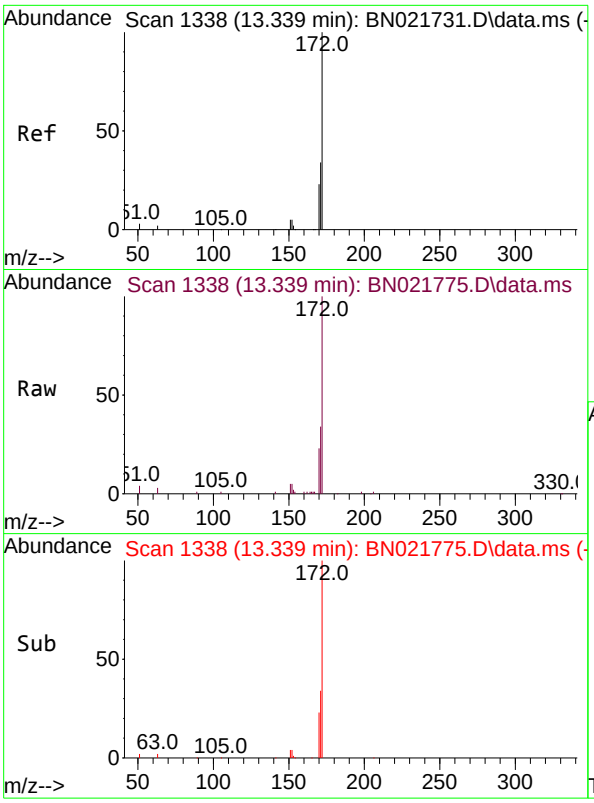


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:330 Resp: 1481

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	46.0	37.2	55.8



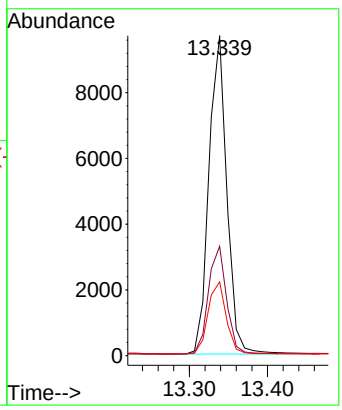


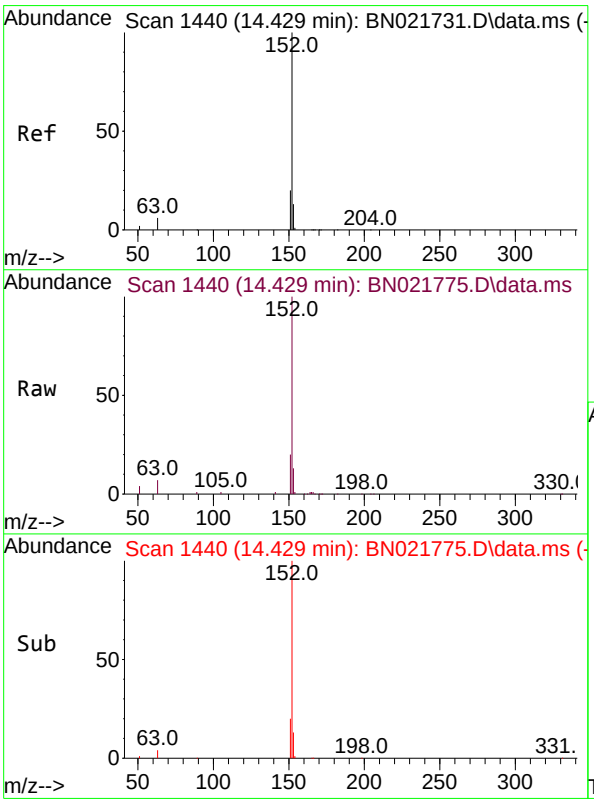
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:172 Resp: 15425

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.7	41.5
170	23.0	18.8	28.2

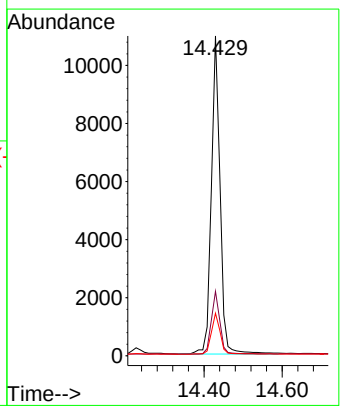


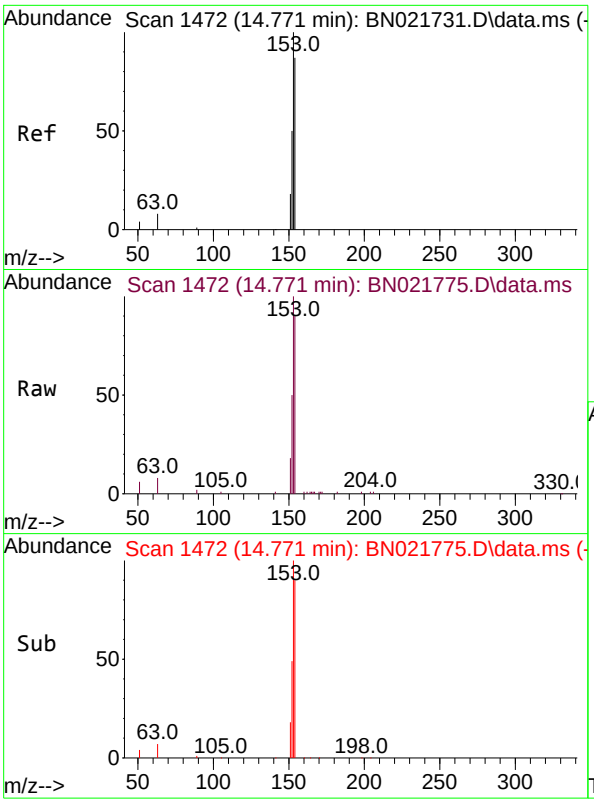


#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.429 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:152 Resp: 17082

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0
153	12.9	10.3	15.5



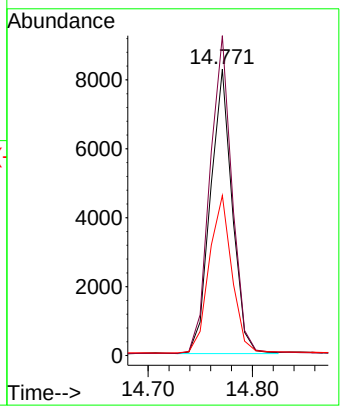


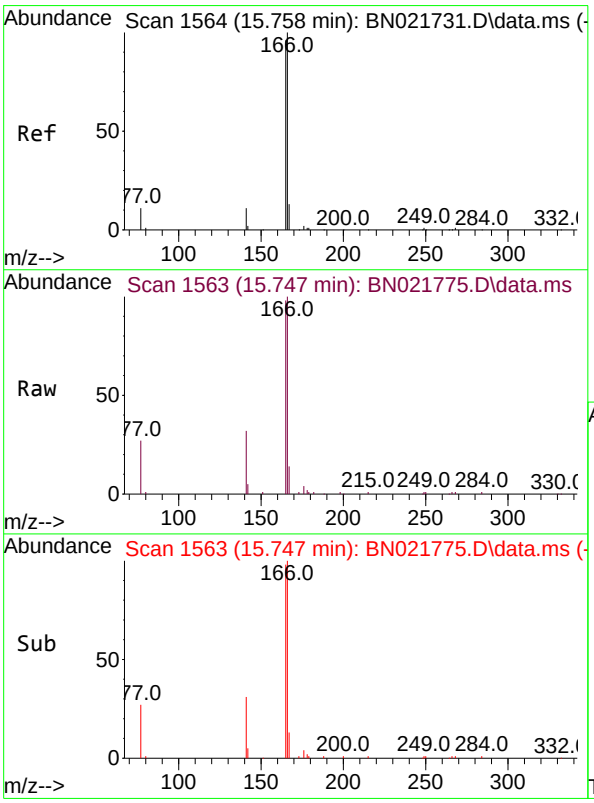
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.771 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:154 Resp: 11999

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.0	136.4
152	58.5	46.0	69.0

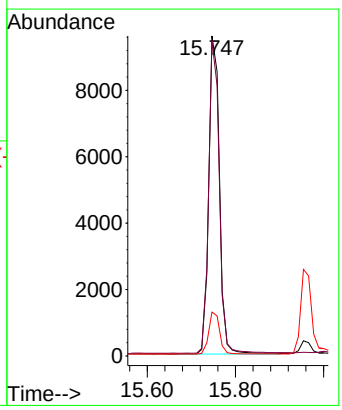


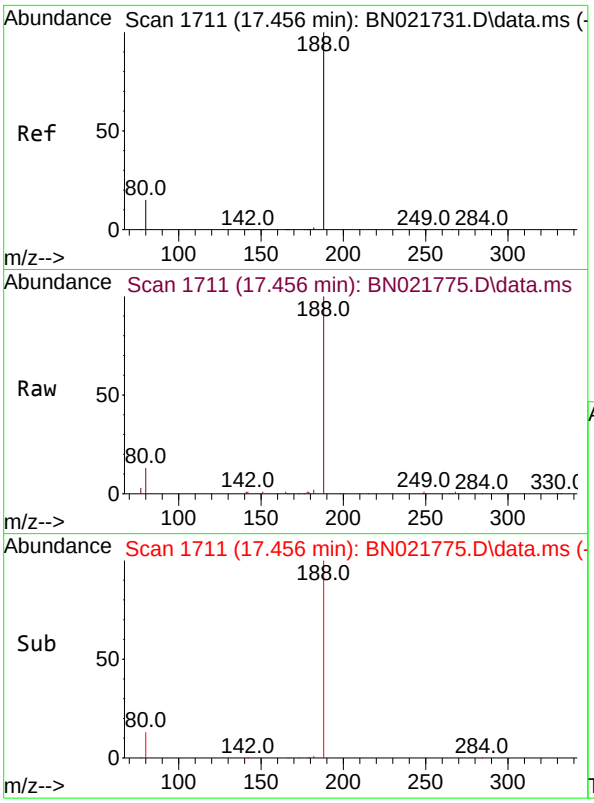


#18
Fluorene
Concen: 0.377 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:166 Resp: 15857

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.4	119.0
167	13.5	10.6	15.8



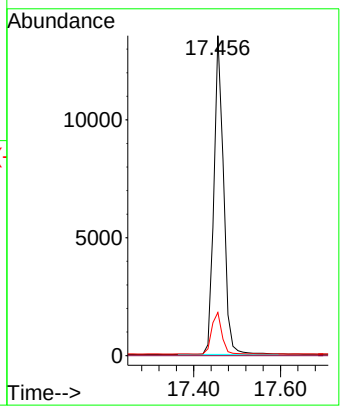


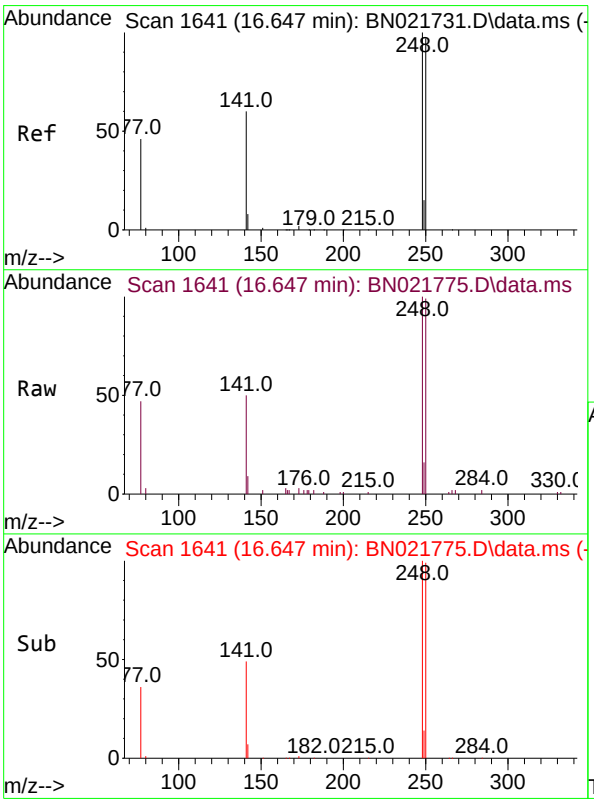
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:188 Resp: 20914

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	12.6	19.0

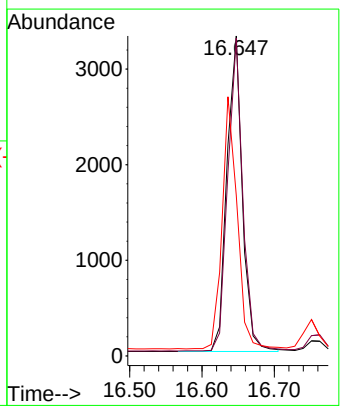


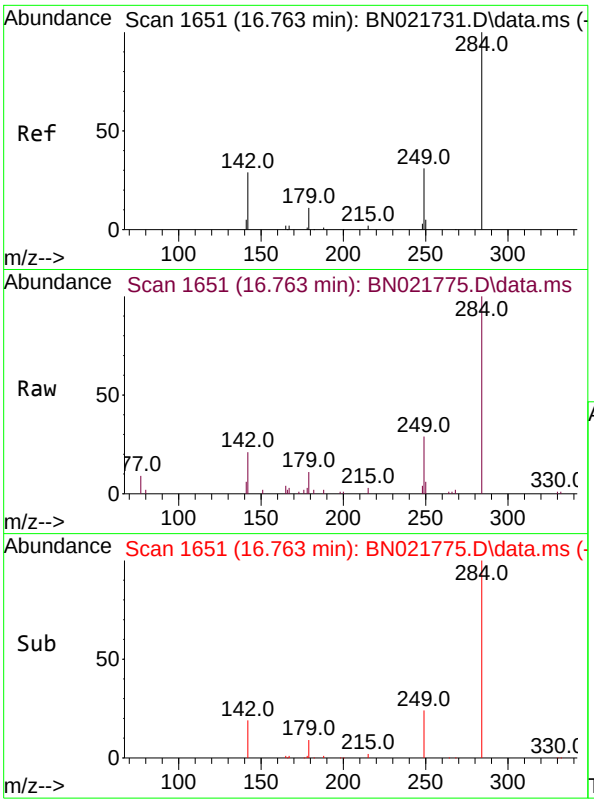


#21
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.647 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:248 Resp: 4880

Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.8	116.8
141	50.1	49.0	73.4



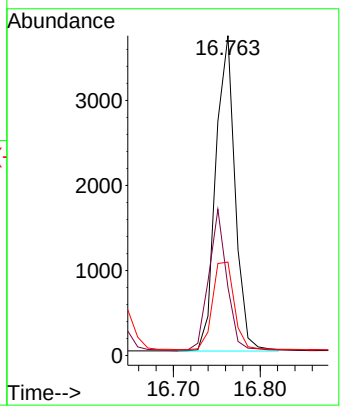


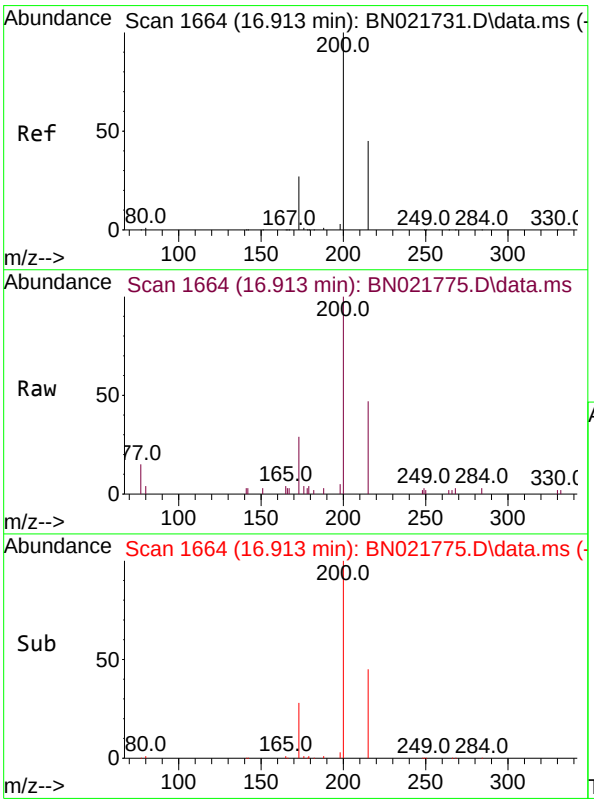
#22
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.763 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:284 Resp: 5729

Ion	Ratio	Lower	Upper
284	100		
142	41.4	33.4	50.2
249	31.2	25.1	37.7

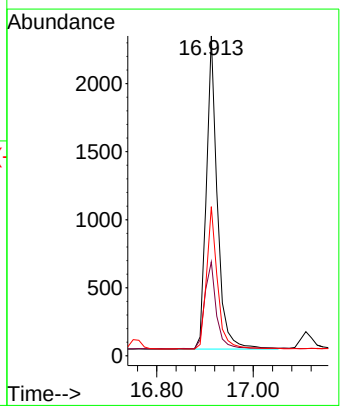


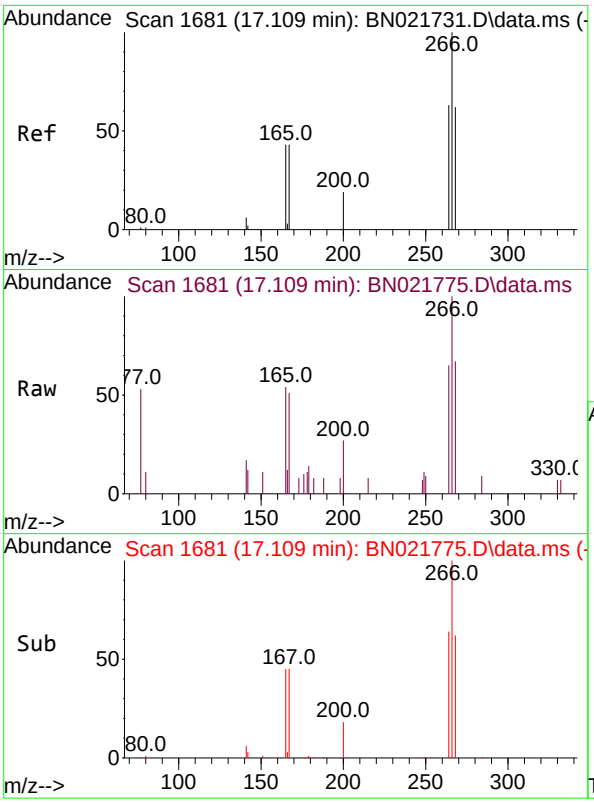


#23
Atrazine
Concen: 0.344 ng
RT: 16.913 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:200 Resp: 3658

Ion	Ratio	Lower	Upper
200	100		
173	29.3	22.9	34.3
215	46.6	36.9	55.3



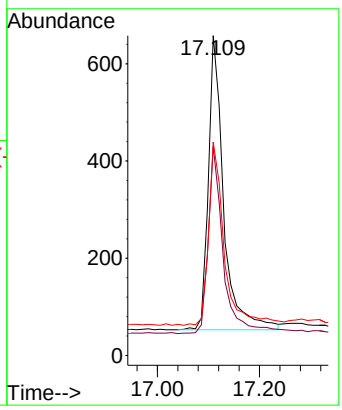


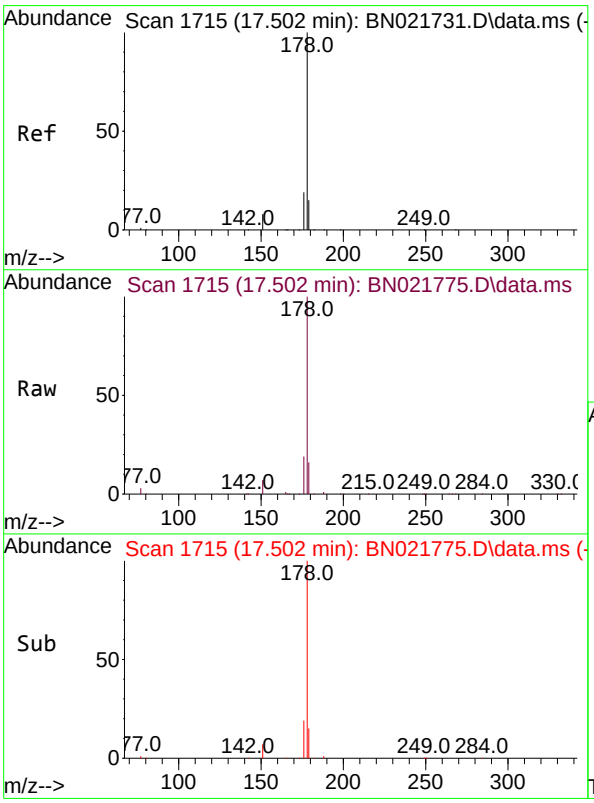
#24
Pentachlorophenol
Concen: 0.230 ng
RT: 17.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:266 Resp: 1252

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.0	75.0
268	64.2	50.2	75.2

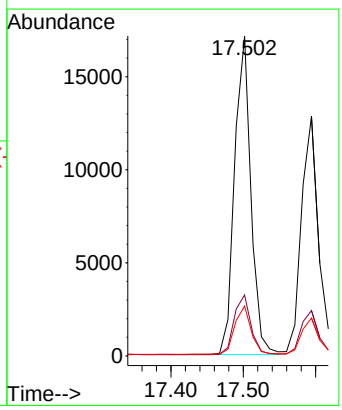


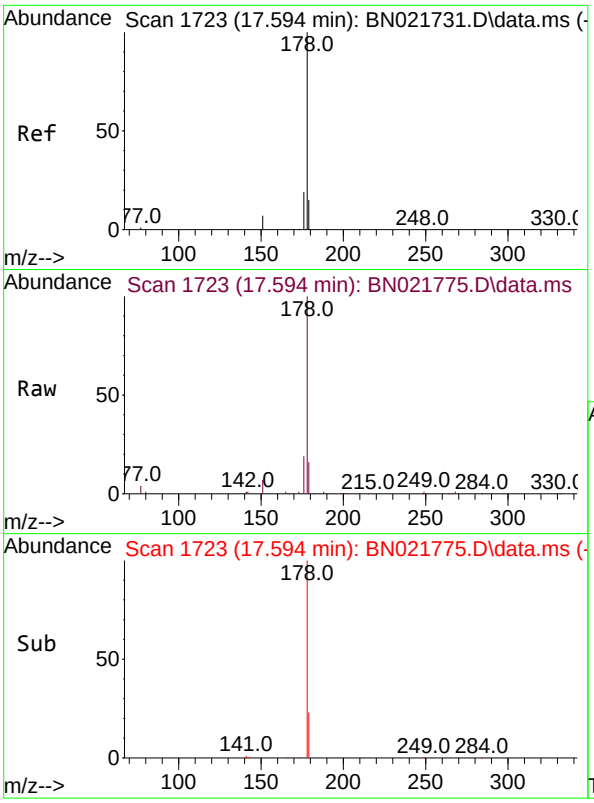


#25
Phenanthrene
Concen: 0.381 ng
RT: 17.502 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:178 Resp: 26739

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.3	12.2	18.4



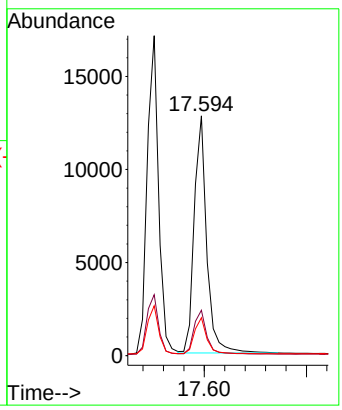


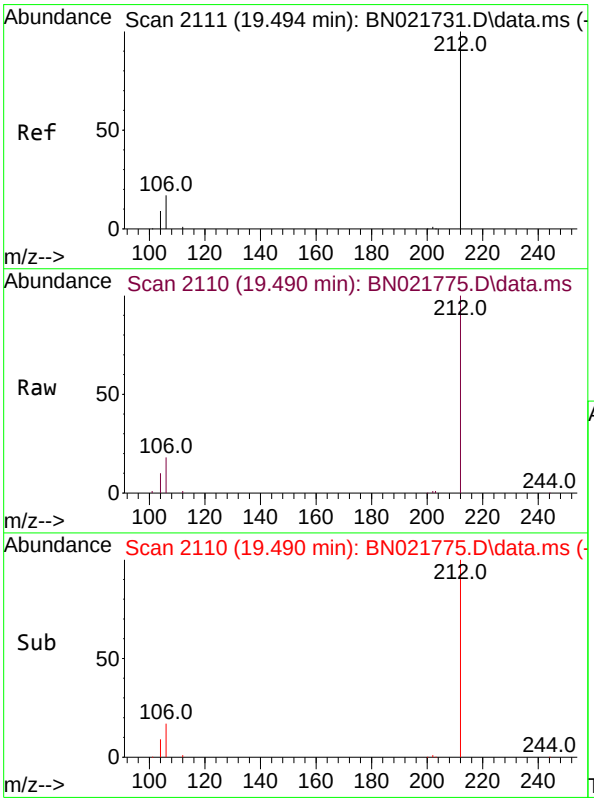
#26
Anthracene
Concen: 0.363 ng
RT: 17.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:178 Resp: 21562

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.1	12.2	18.2

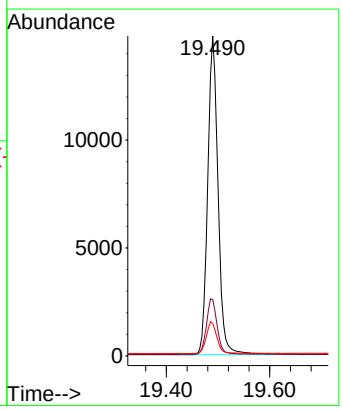


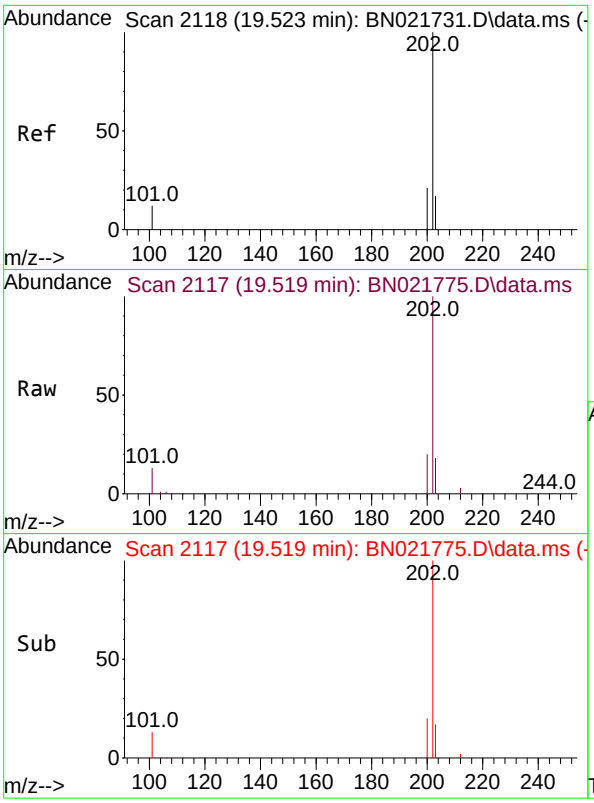


#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:212 Resp: 20489

Ion	Ratio	Lower	Upper
212	100		
106	18.0	14.3	21.5
104	10.1	8.0	12.0



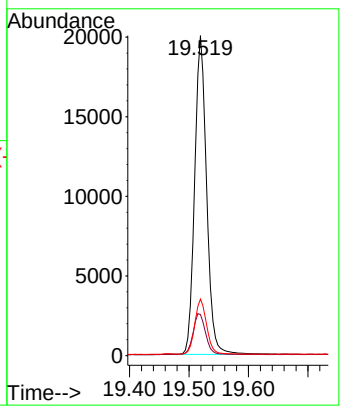


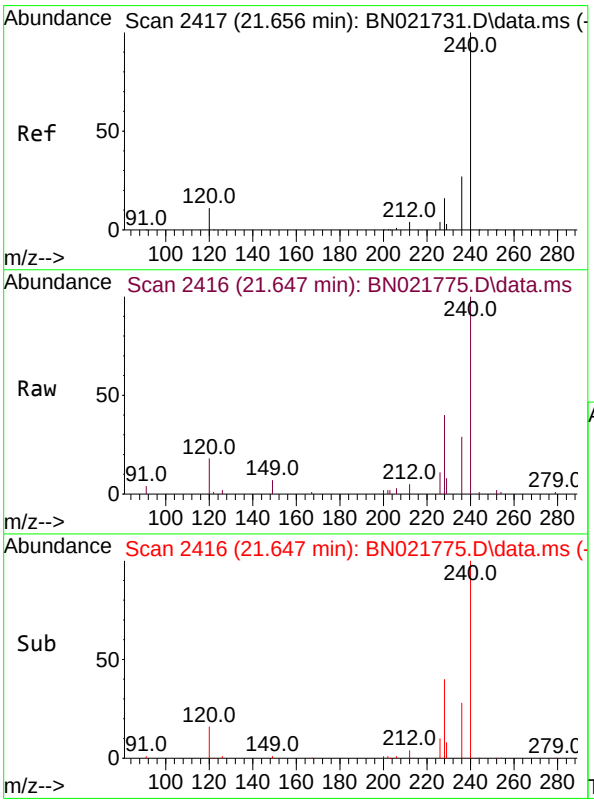
#28
Fluoranthene
Concen: 0.369 ng
RT: 19.519 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:202 Resp: 27904

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.4
203	17.0	13.7	20.5

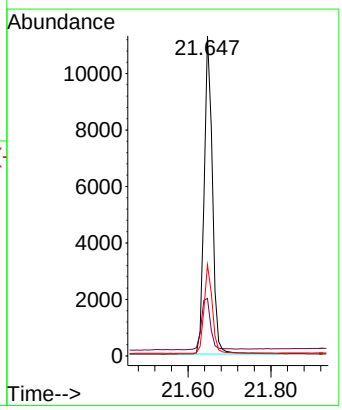


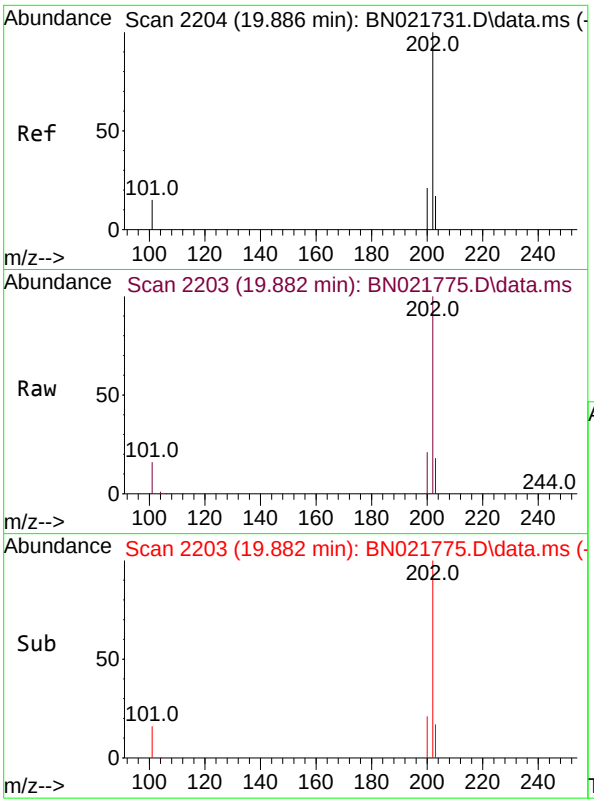


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:240 Resp: 15472

Ion	Ratio	Lower	Upper
240	100		
120	18.0	9.8	14.8#
236	28.5	22.2	33.4



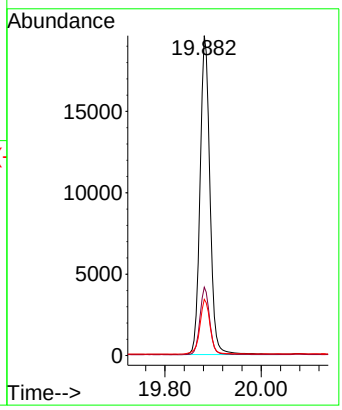


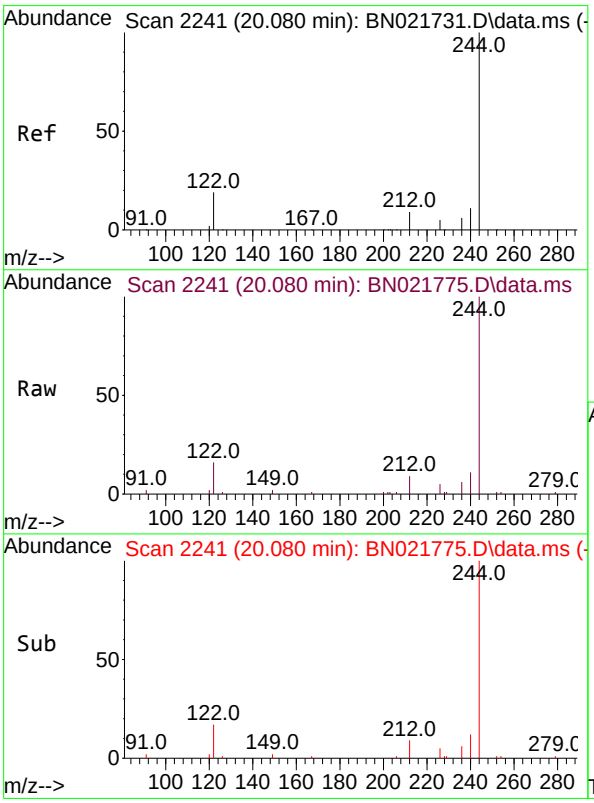
#30
Pyrene
Concen: 0.388 ng
RT: 19.882 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:202 Resp: 29788

Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.0	22.4
203	16.6	12.8	19.2

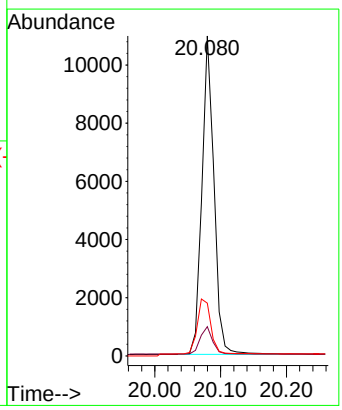


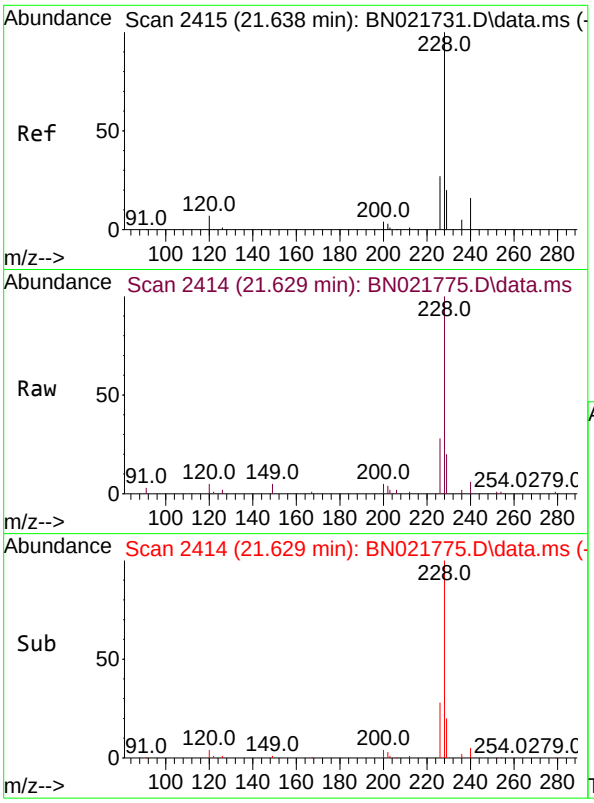


#31
Terphenyl-d14
Concen: 0.393 ng
RT: 20.080 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:244 Resp: 13884

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.9	11.9
122	16.5	15.8	23.8



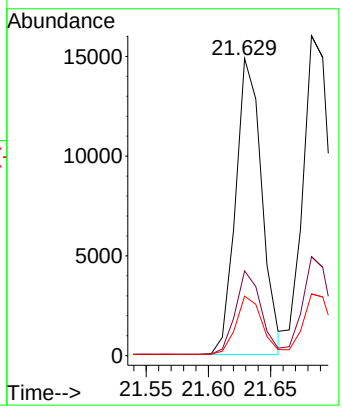


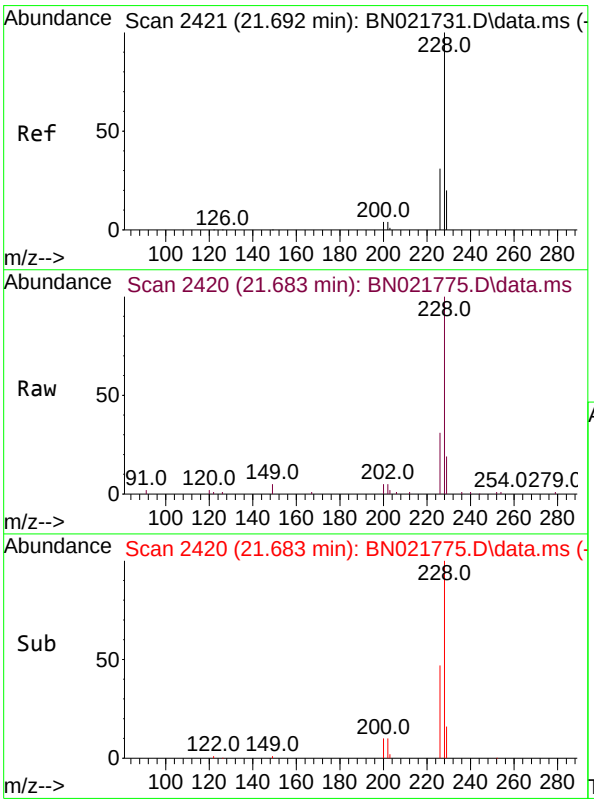
#32
Benzo(a)anthracene
Concen: 0.366 ng
RT: 21.629 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:228 Resp: 21719

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.5	32.3
229	20.0	15.8	23.8

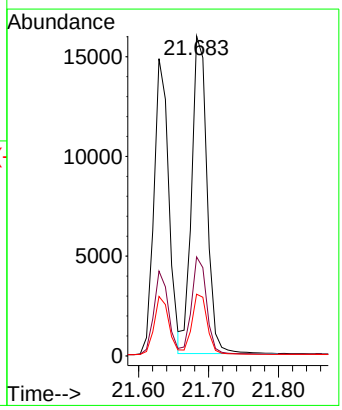


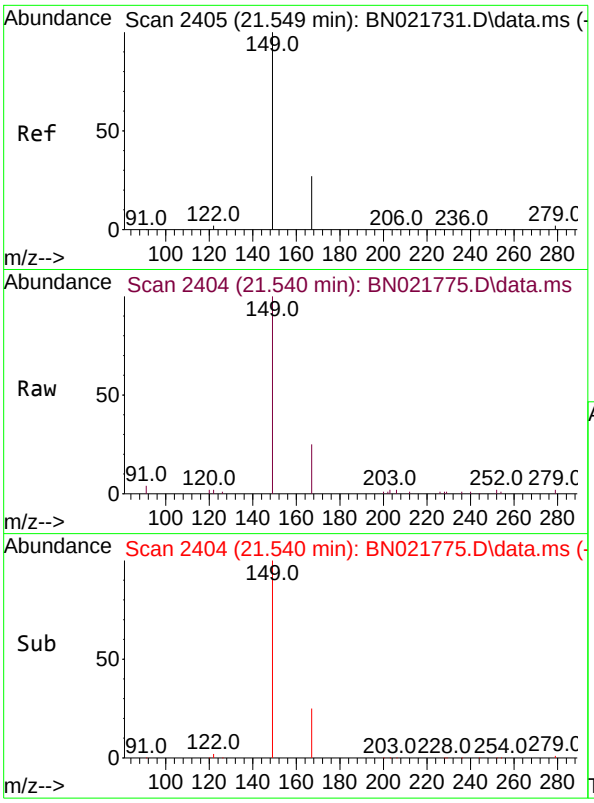


#33
Chrysene
Concen: 0.394 ng
RT: 21.683 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:228 Resp: 24317

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.5	36.7
229	19.3	16.0	24.0



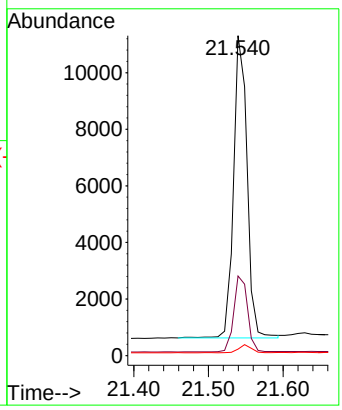


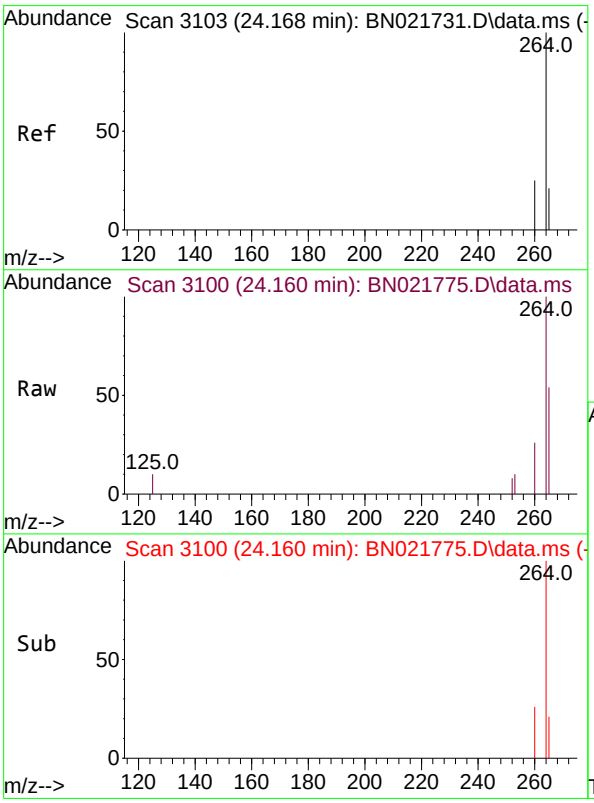
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.341 ng
RT: 21.540 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:149 Resp: 13510

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.8	31.2
279	2.6	2.1	3.1

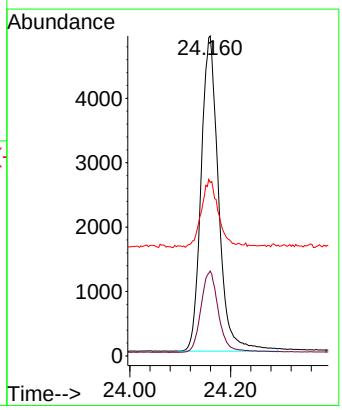


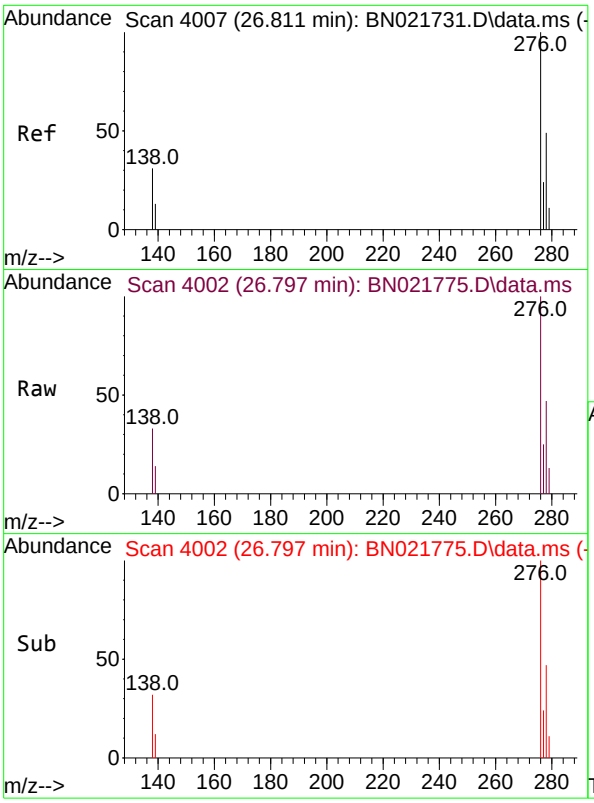


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.160 min Scan# 3100
Delta R.T. -0.009 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:264 Resp: 11765

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.6	31.0
265	54.2	34.4	51.6#



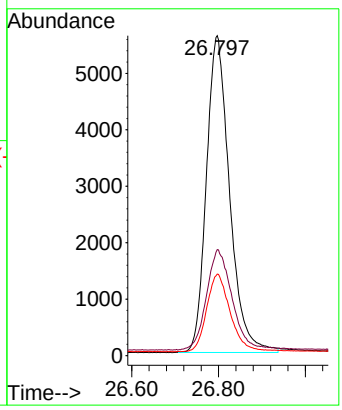


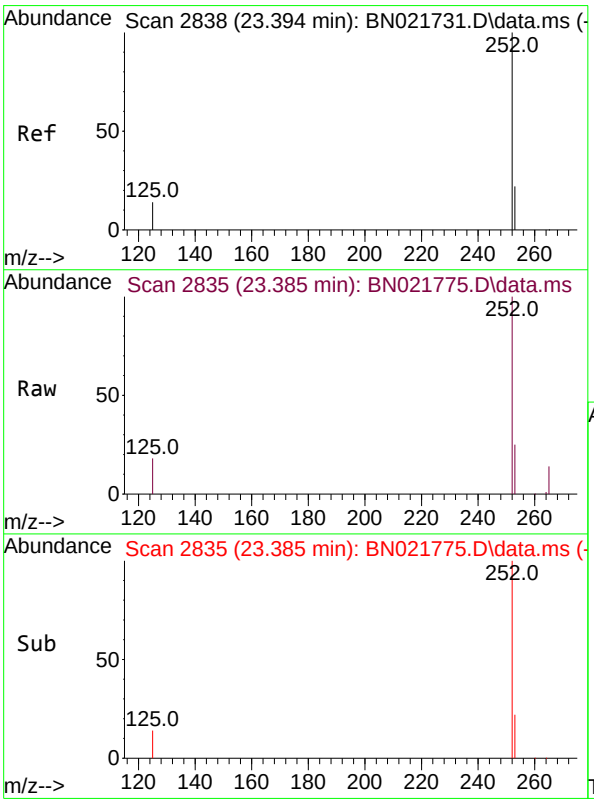
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 26.797 min Scan# 40
Delta R.T. -0.015 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:276 Resp: 20814

Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.4	41.0
277	24.7	19.8	29.6

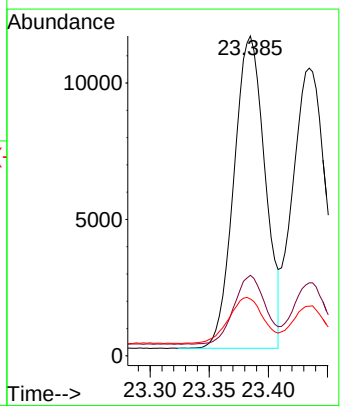


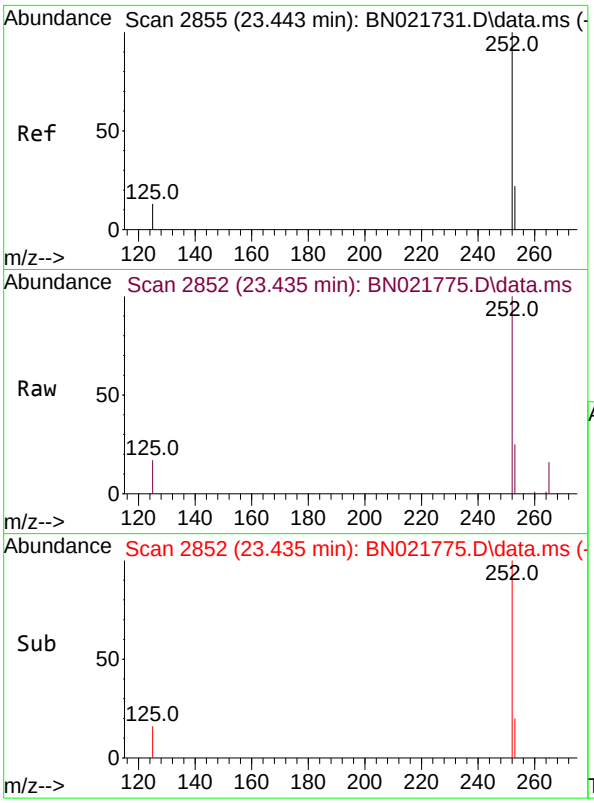


#37
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 23.385 min Scan# 2835
Delta R.T. -0.009 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:252 Resp: 20960

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.6	29.4
125	17.8	13.0	19.4



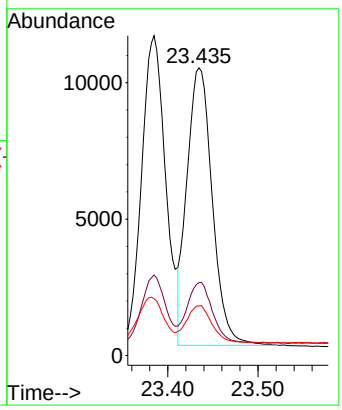


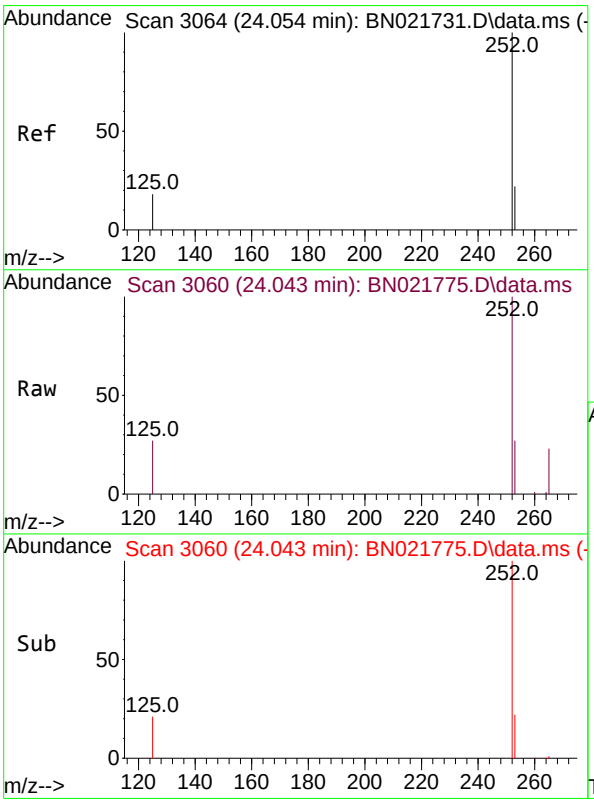
#38
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 23.435 min Scan# 28
Delta R.T. -0.009 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:252 Resp: 19871

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.4	29.2
125	17.3	12.6	18.8

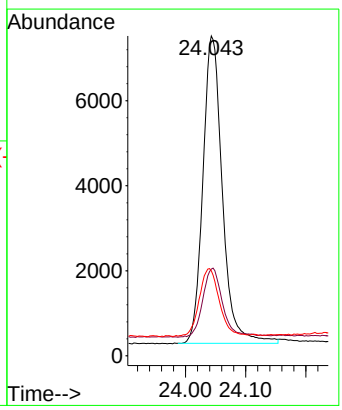


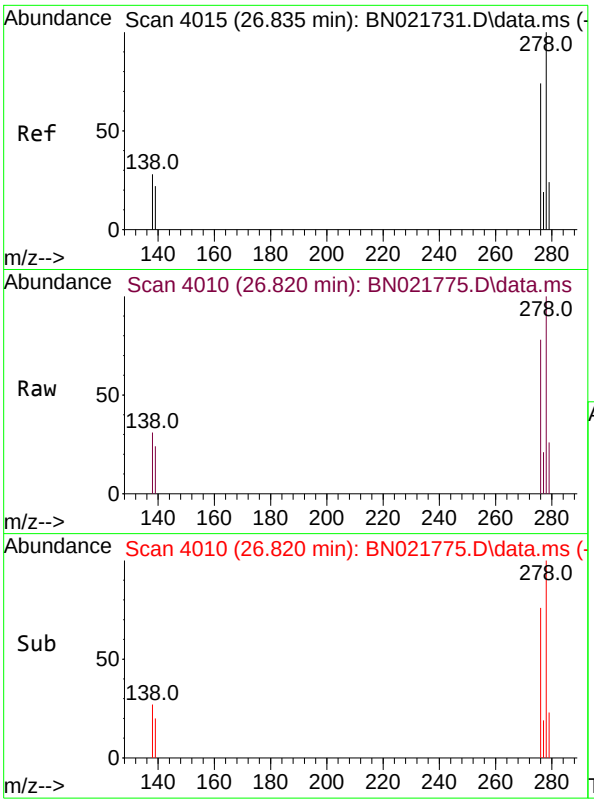


#39
Benzo(a)pyrene
Concen: 0.382 ng
RT: 24.043 min Scan# 3060
Delta R.T. -0.012 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:252 Resp: 16259

Ion	Ratio	Lower	Upper
252	100		
253	27.1	20.8	31.2
125	26.6	17.4	26.0#



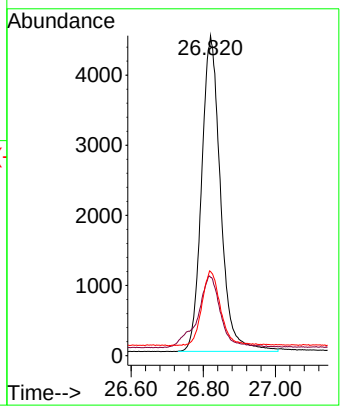


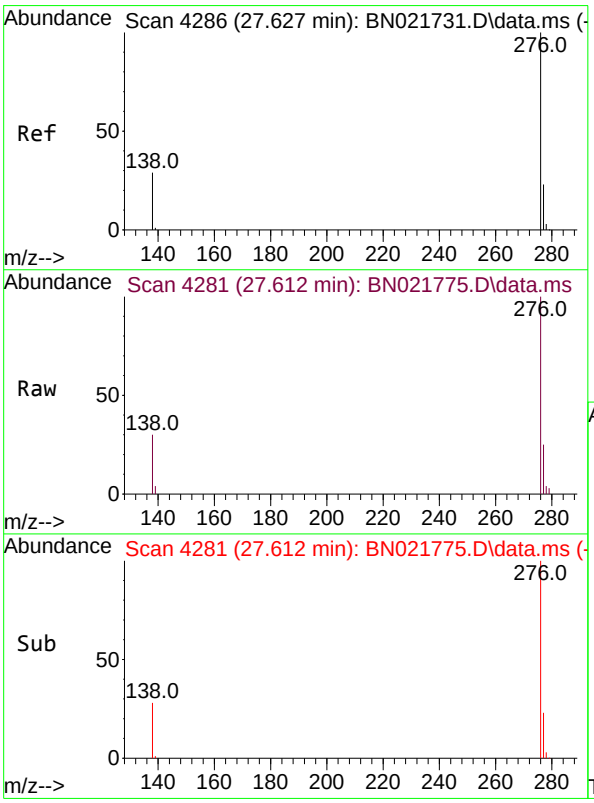
#40
Dibenzo(a,h)anthracene
Concen: 0.370 ng
RT: 26.820 min Scan# 40
Delta R.T. -0.015 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Instrument :
BNA_N
ClientSampleId :
PB147668BSD

Tgt Ion:278 Resp: 16358

Ion	Ratio	Lower	Upper
278	100		
139	24.5	19.2	28.8
279	26.3	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 27.612 min Scan# 4281
Delta R.T. -0.015 min
Lab File: BN021775.D
Acq: 15 Sep 2022 19:12

Tgt Ion:276 Resp: 16887

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	30.2	24.2	36.2