Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110823\
Data File : BN028500.D
Acq On : 08 Nov 2023 15:32
Operator : MA/JU
Sample : PB156727BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Quant Time: Nov 08 15:58:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 00:27:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	10757	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	31859	0.400	ng		#-0.01
13) Acenaphthene-d10	14.353	164	18198	0.400	ng		-0.01
19) Phenanthrene-d10	17.109	188	42455	0.400	ng		0.00
29) Chrysene-d12	21.329	240	30182	0.400	ng		0.00
35) Perylene-d12	23.640	264	28463	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	11814	0.367	ng		0.00
5) Phenol-d6	6.879	99	14534	0.352	ng		0.00
8) Nitrobenzene-d5	8.854	82	8526	0.300	ng		-0.01
11) 2-Methylnaphthalene-d10	12.098	152	23472	0.425	ng		0.00
14) 2,4,6-Tribromophenol	15.855	330	3226	0.316	ng		0.00
15) 2-Fluorobiphenyl	12.985	172	25761	0.322	ng		0.00
27) Fluoranthene-d10	19.153	212	41523	0.320	ng		0.00
31) Terphenyl-d14	19.761	244	27450	0.342	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	3738	0.289	ng	#	75
3) n-Nitrosodimethylamine	3.499	42	5588	0.376	ng	#	97
6) bis(2-Chloroethyl)ether	7.139	93	12862	0.376	ng		98
9) Naphthalene	10.551	128	35718	0.359	ng		100
10) Hexachlorobutadiene	10.840	225	6229	0.352	ng	#	99
12) 2-Methylnaphthalene	12.170	142	23201	0.340	ng		99
16) Acenaphthylene	14.075	152	37263	0.389	ng		100
17) Acenaphthene	14.417	154	22687	0.356	ng		99
18) Fluorene	15.412	166	31569	0.350	ng		99
20) 4,6-Dinitro-2-methylph...	15.487	198	2101	0.390	ng	#	75
21) 4-Bromophenyl-phenylether	16.302	248	9766	0.344	ng	#	70
22) Hexachlorobenzene	16.414	284	10468	0.353	ng		99
23) Atrazine	16.588	200	8559	0.342	ng		96
24) Pentachlorophenol	16.762	266	7018	0.552	ng		99
25) Phenanthrene	17.146	178	51843	0.368	ng		99
26) Anthracene	17.246	178	46681	0.362	ng		100
28) Fluoranthene	19.181	202	55900	0.331	ng		100
30) Pyrene	19.548	202	57015	0.397	ng		99
32) Benzo(a)anthracene	21.311	228	48280	0.383	ng		99
33) Chrysene	21.365	228	47935	0.381	ng		99
34) Bis(2-ethylhexyl)phtha...	21.266	149	26170	0.335	ng		99
36) Indeno(1,2,3-cd)pyrene	26.017	276	44501	0.388	ng		99
37) Benzo(b)fluoranthene	22.941	252	45381	0.387	ng		99
38) Benzo(k)fluoranthene	22.988	252	43574	0.381	ng		100
39) Benzo(a)pyrene	23.541	252	38254	0.382	ng		99
40) Dibenzo(a,h)anthracene	26.041	278	35466	0.396	ng		96
41) Benzo(g,h,i)perylene	26.745	276	36513	0.368	ng		98

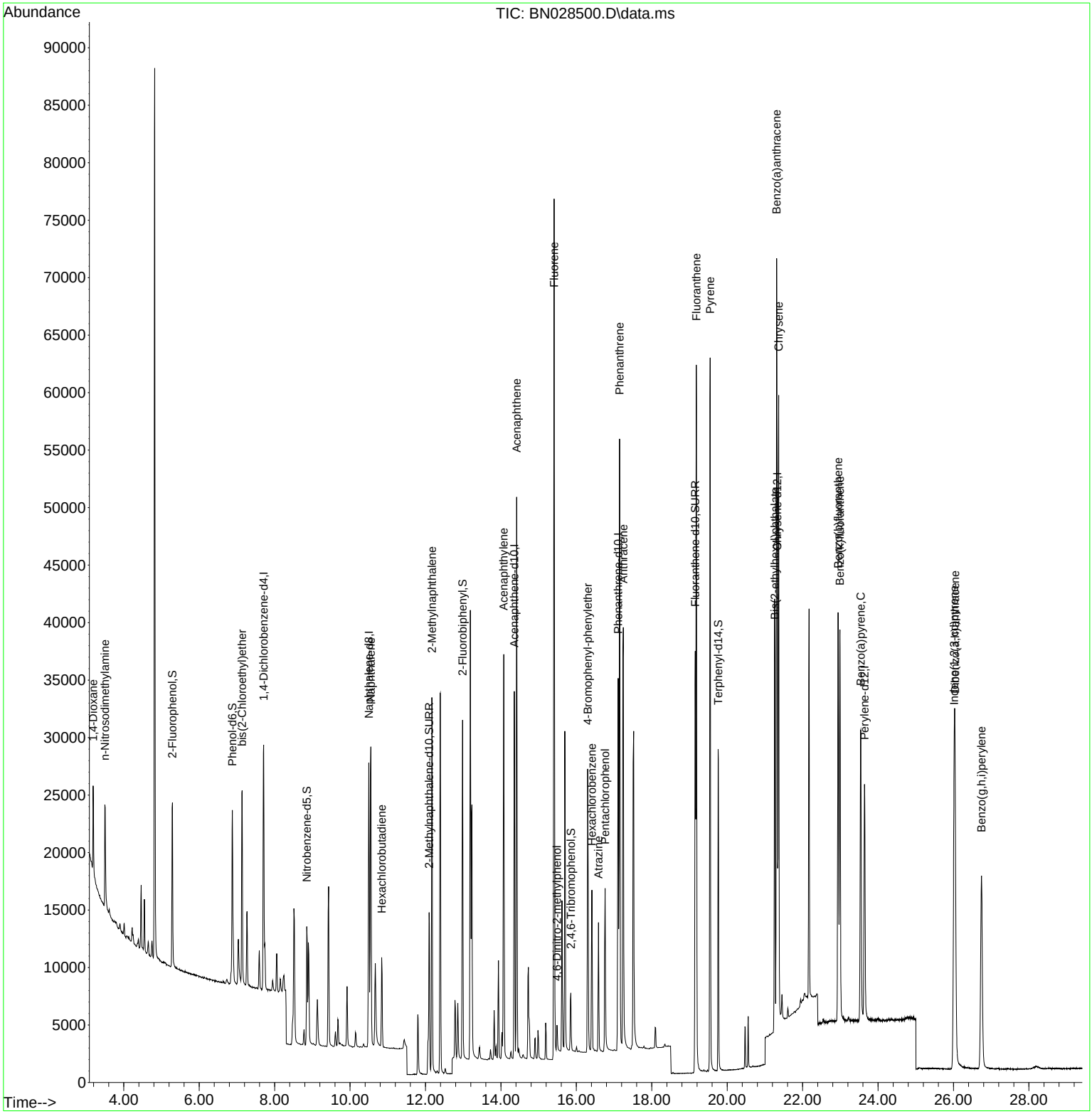
(#) = qualifier out of range (m) = manual integration (+) = signals summed

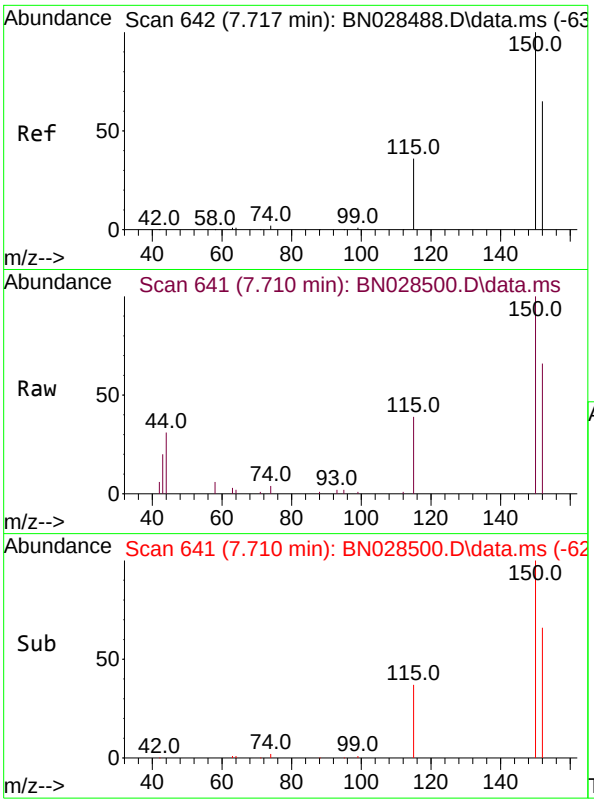
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110823\
Data File : BN028500.D
Acq On : 08 Nov 2023 15:32
Operator : MA/JU
Sample : PB156727BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Quant Time: Nov 08 15:58:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 00:27:19 2023
Response via : Initial Calibration



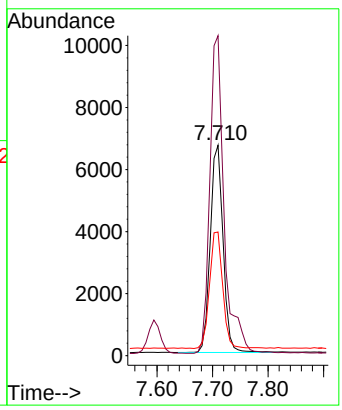


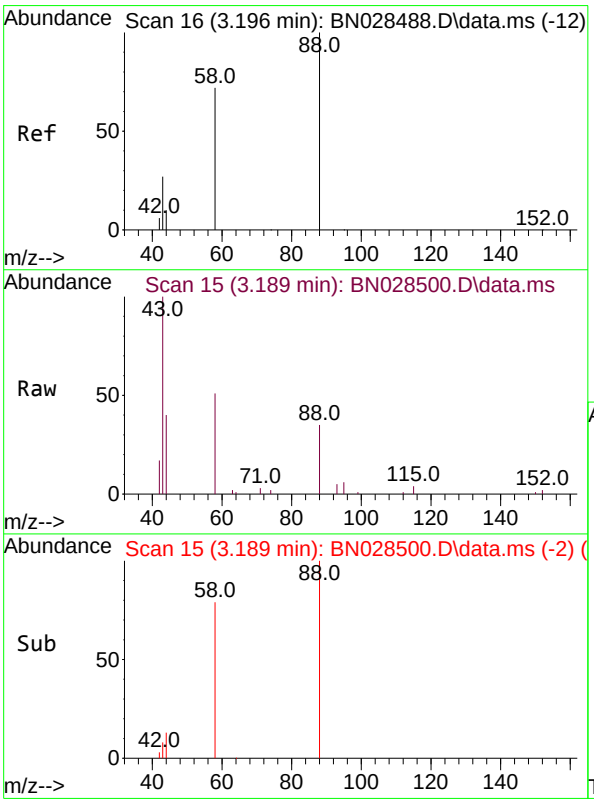
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:152 Resp: 10757

Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.5	183.7
115	58.7	47.5	71.3

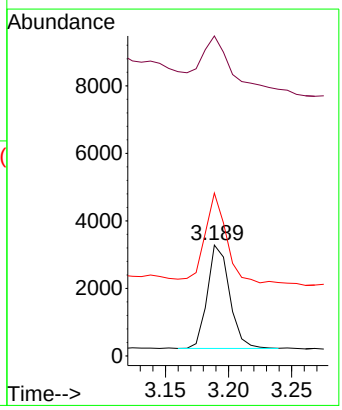


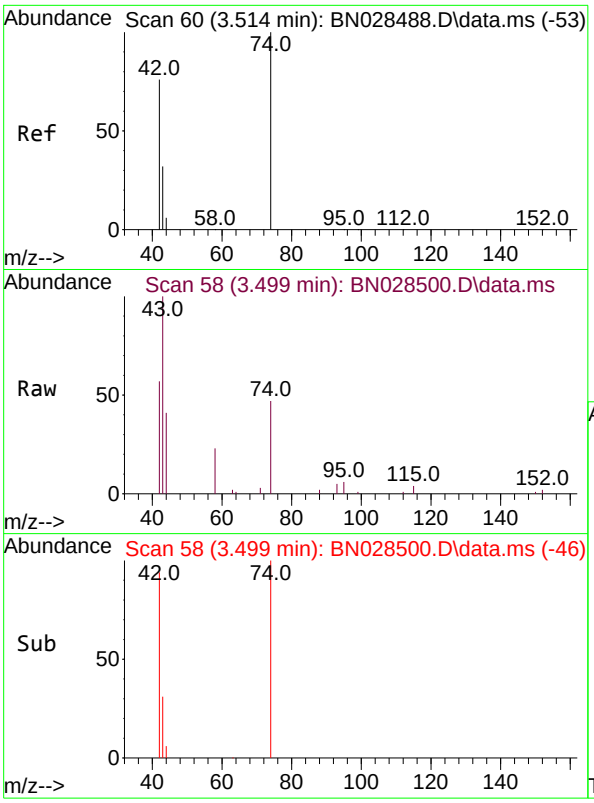


#2
1,4-Dioxane
Concen: 0.289 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion: 88 Resp: 3738

Ion	Ratio	Lower	Upper
88	100		
43	66.7	29.0	43.4#
58	85.1	60.2	90.2



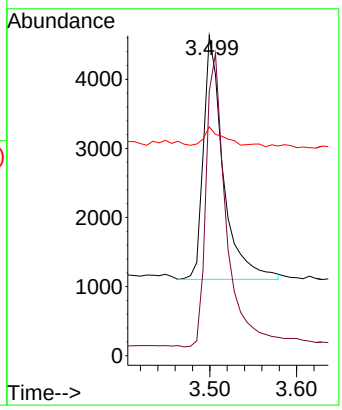


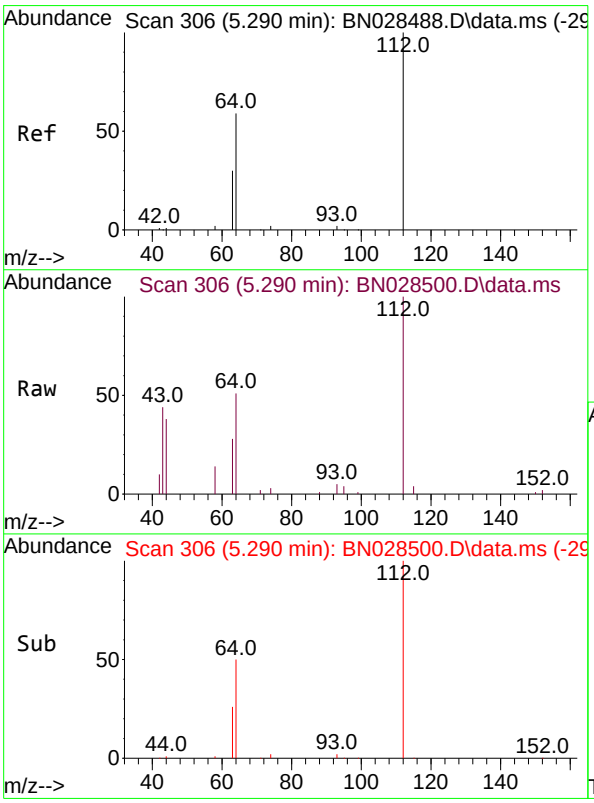
#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.499 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion: 42 Resp: 5588

Ion	Ratio	Lower	Upper
42	100		
74	123.0	100.8	151.2
44	6.4	7.3	10.9#

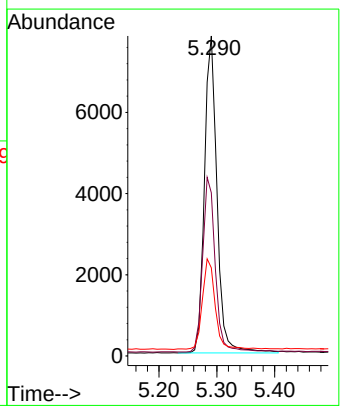


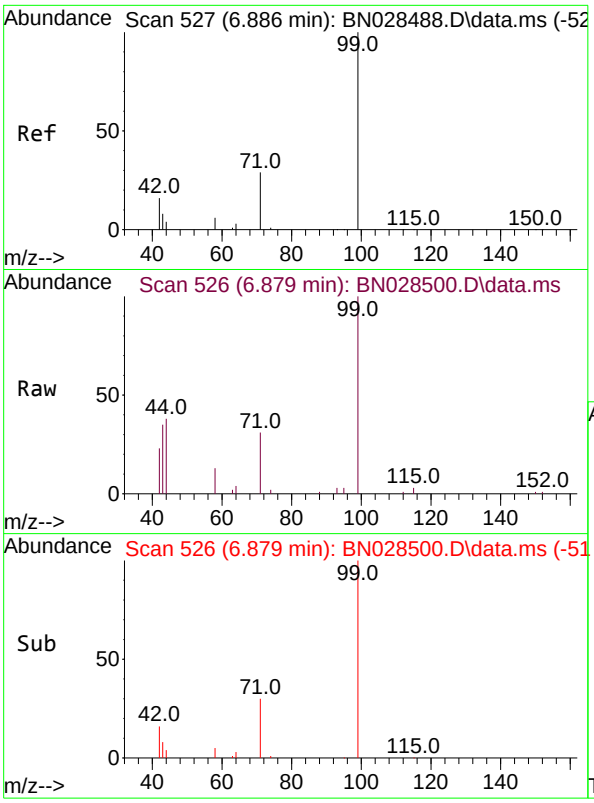


#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:112 Resp: 11814

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.6	67.0
63	28.8	23.3	34.9



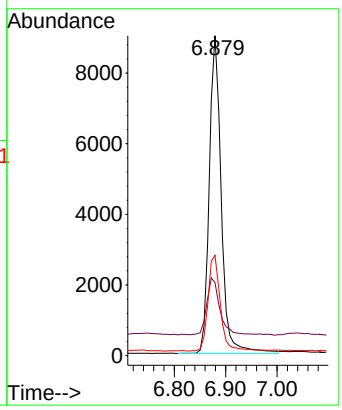


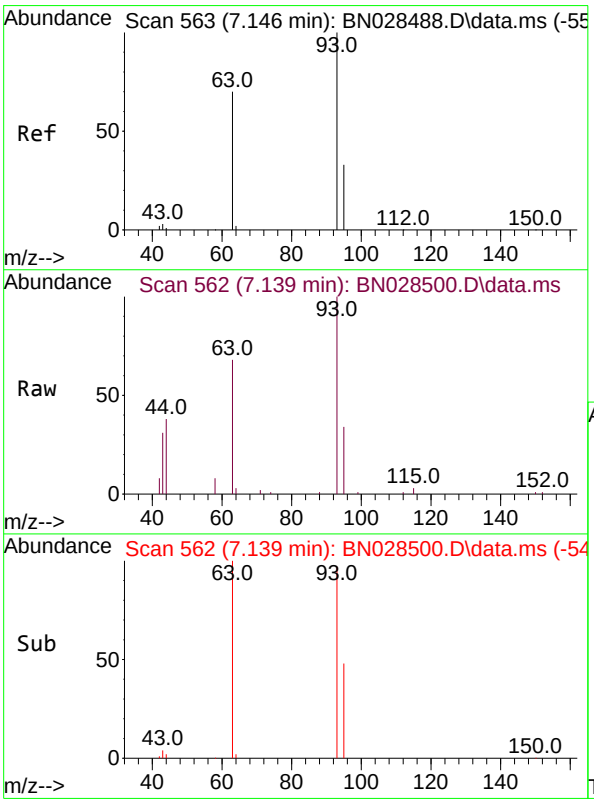
#5
Phenol-d6
Concen: 0.352 ng
RT: 6.879 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion: 99 Resp: 14534

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.8
71	31.2	25.1	37.7

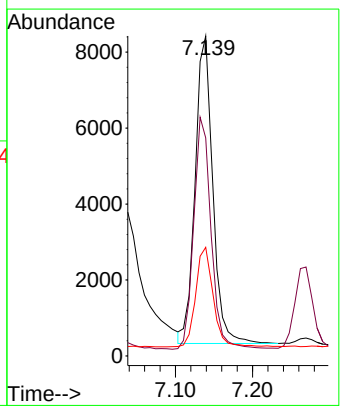


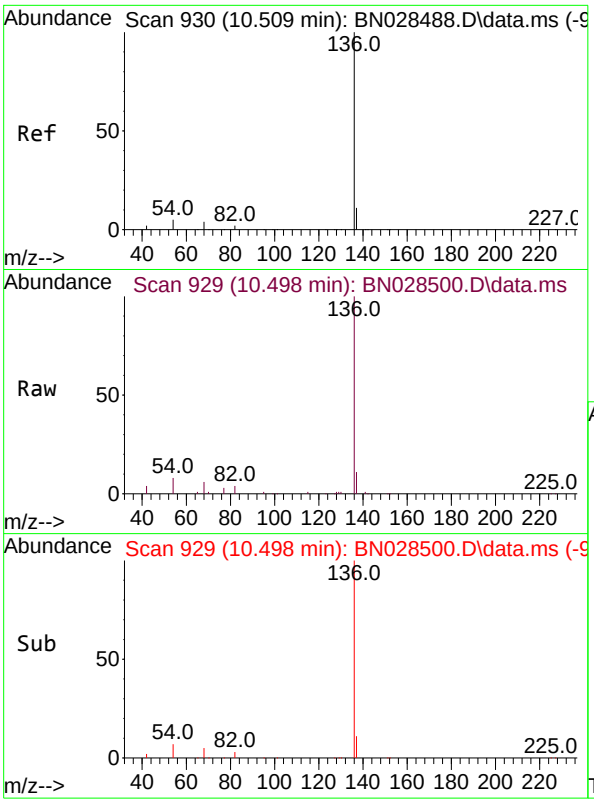


#6
bis(2-Chloroethyl)ether
Concen: 0.376 ng
RT: 7.139 min Scan# 562
Delta R.T. -0.007 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion: 93 Resp: 12862

Ion	Ratio	Lower	Upper
93	100		
63	74.4	60.9	91.3
95	32.3	26.2	39.2



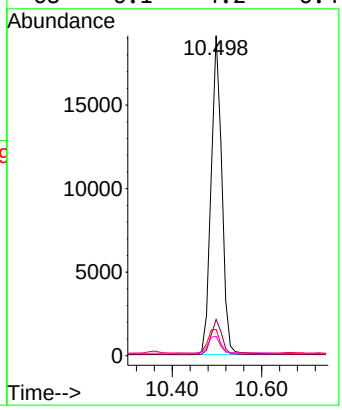


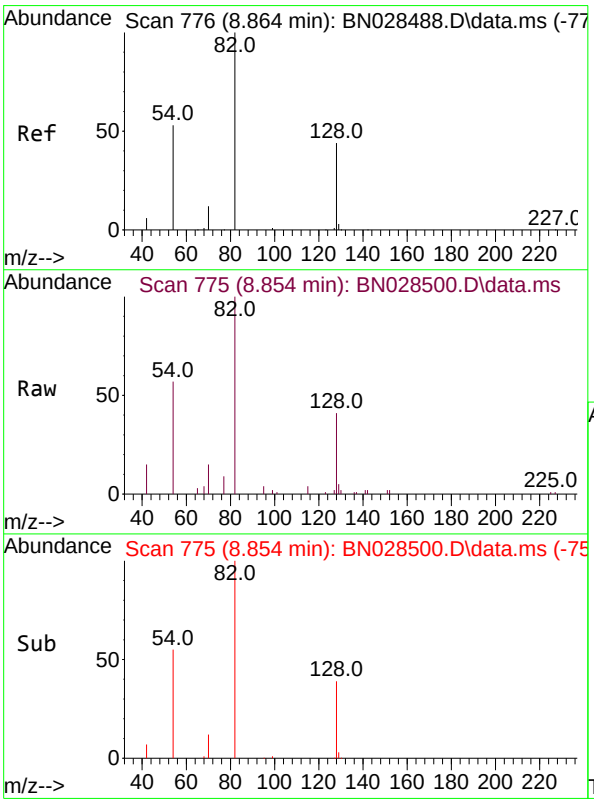
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:136 Resp: 31859

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.2	5.1	7.7#
68	6.1	4.2	6.4

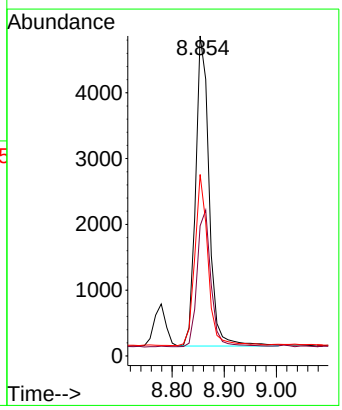


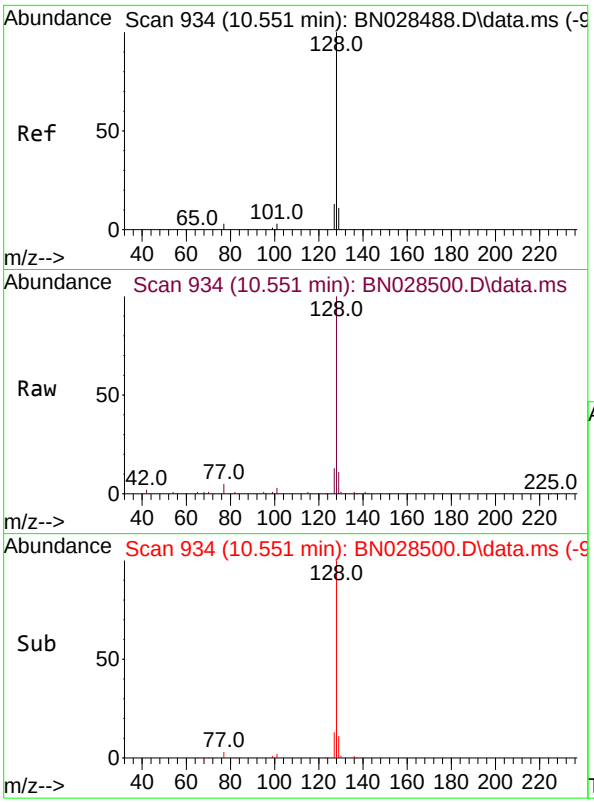


#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.011 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion: 82 Resp: 8526

Ion	Ratio	Lower	Upper
82	100		
128	40.6	36.5	54.7
54	56.7	43.8	65.8



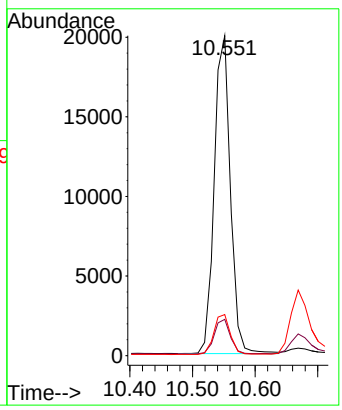


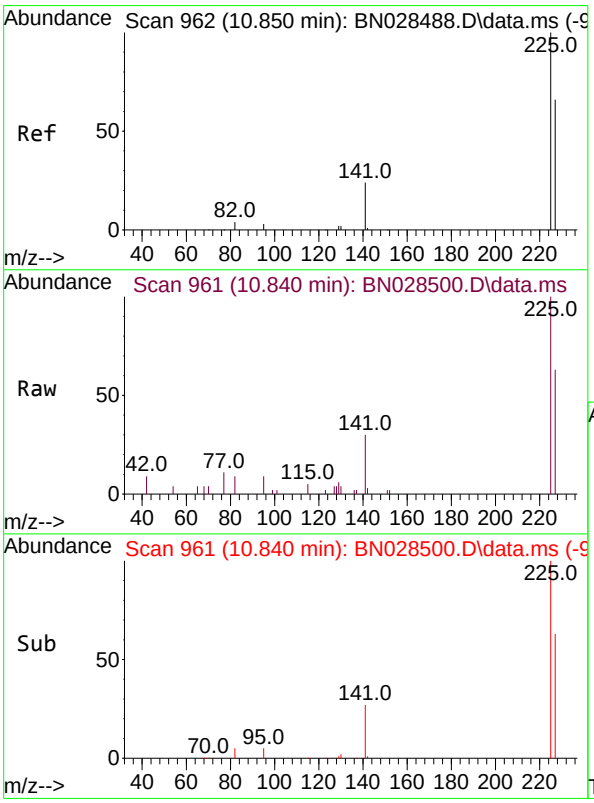
#9
Naphthalene
Concen: 0.359 ng
RT: 10.551 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:128 Resp: 35718

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	12.9	10.6	15.8

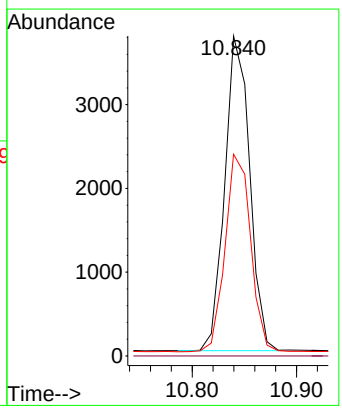


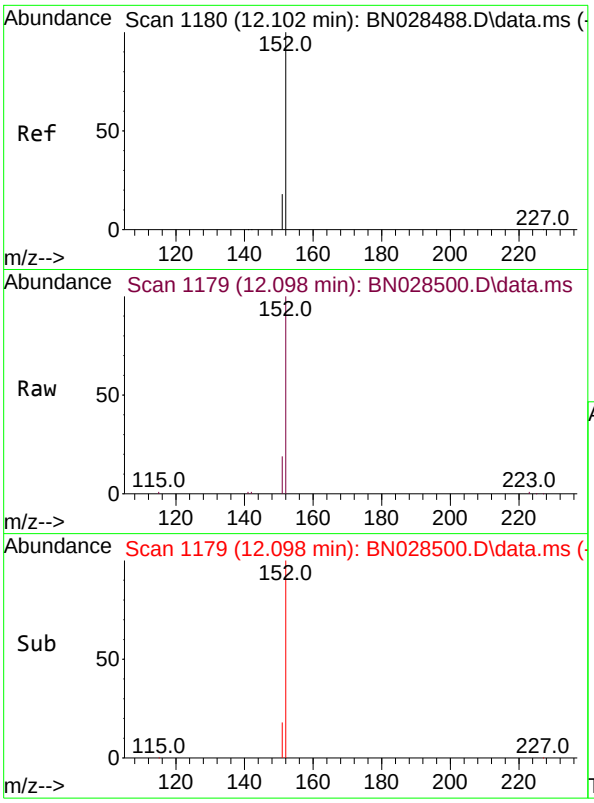


#10
Hexachlorobutadiene
Concen: 0.352 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.011 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:225 Resp: 6229

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.9	77.9



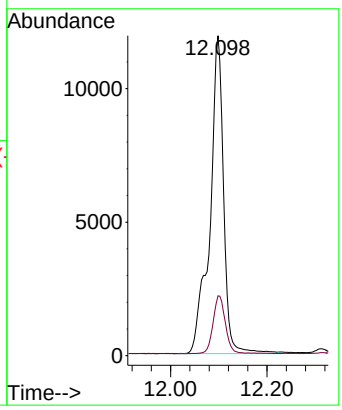


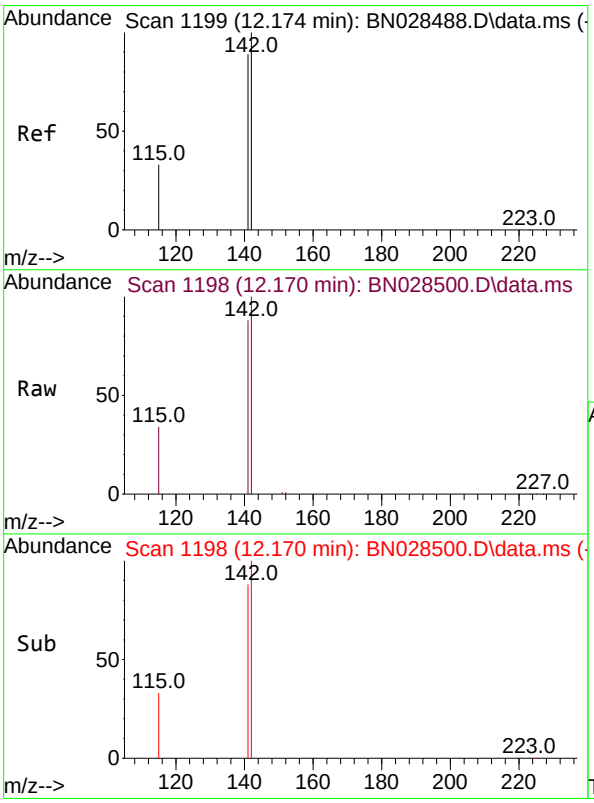
#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 12.098 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:152 Resp: 23472

Ion	Ratio	Lower	Upper
152	100		
151	16.5	16.1	24.1

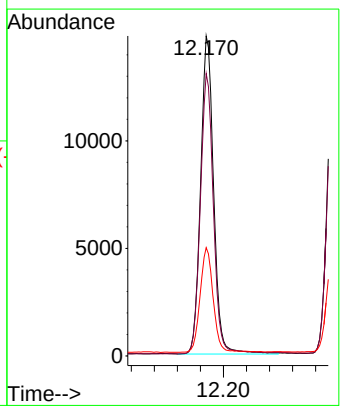


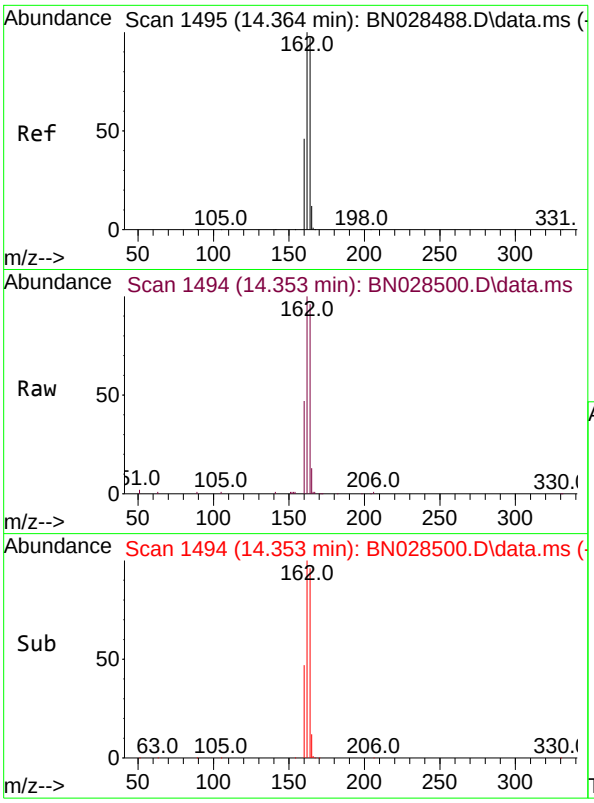


#12
2-Methylnaphthalene
Concen: 0.340 ng
RT: 12.170 min Scan# 1198
Delta R.T. -0.004 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:142 Resp: 23201

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	33.8	27.6	41.4



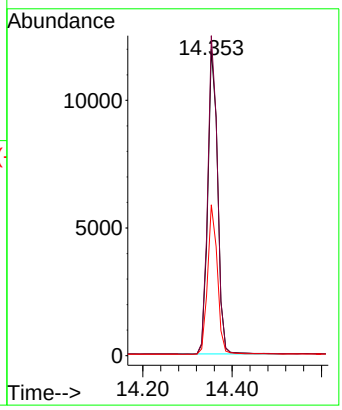


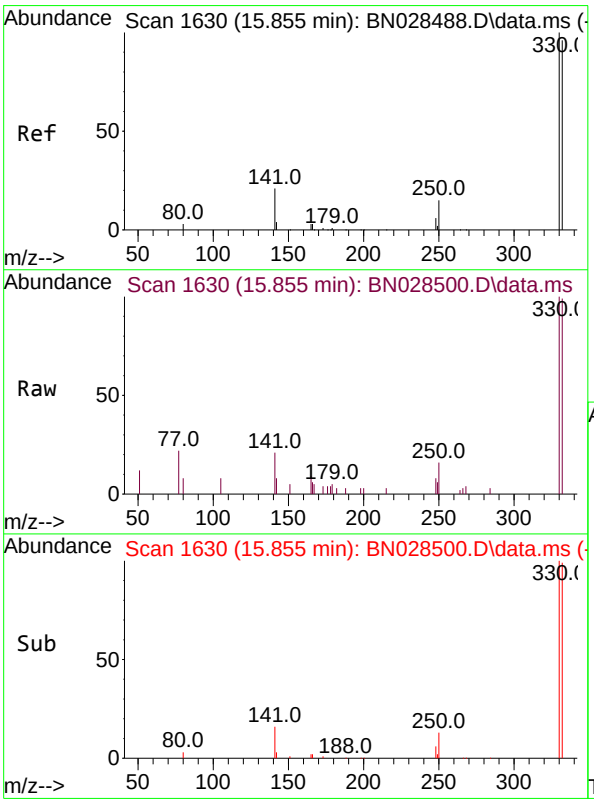
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.353 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:164 Resp: 18198

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.5	123.7
160	49.2	38.1	57.1

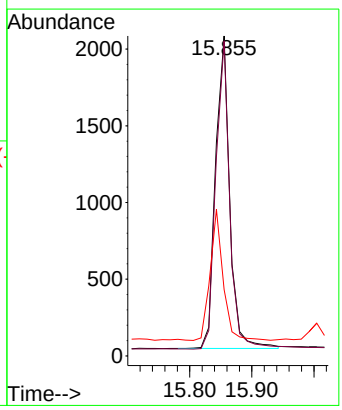


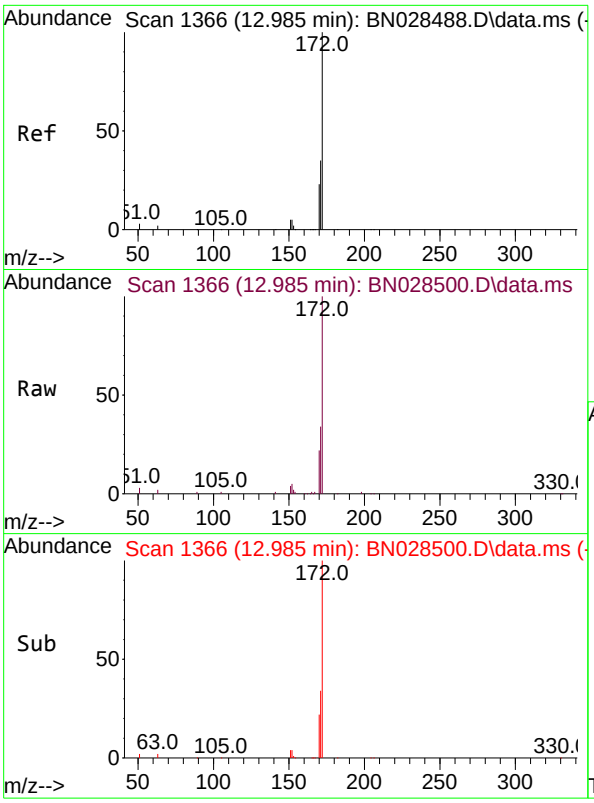


#14
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 15.855 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:330 Resp: 3226

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.4
141	38.5	32.6	49.0



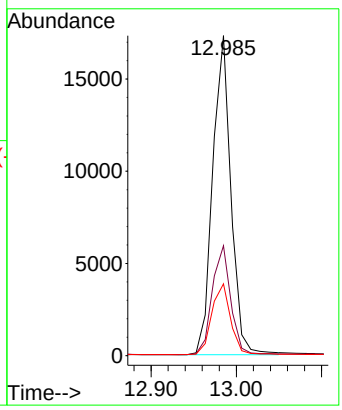


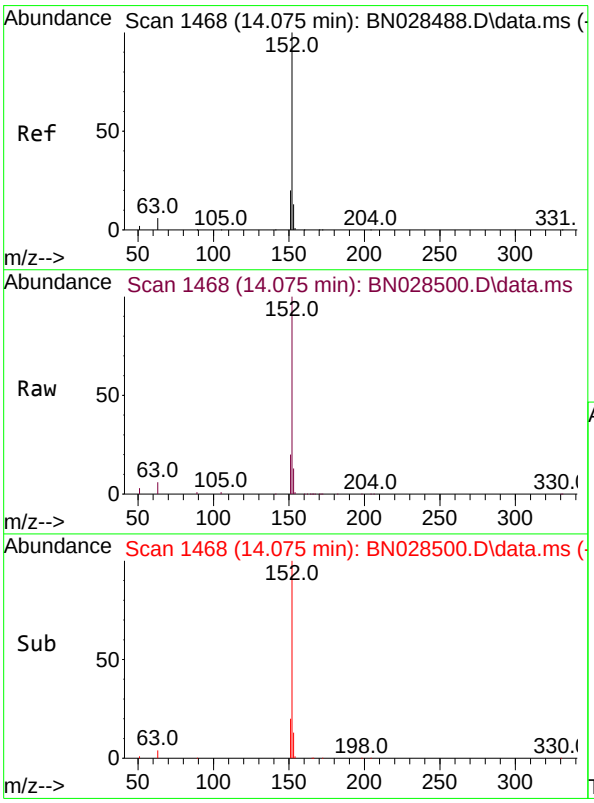
#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 12.985 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:172 Resp: 25761

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	22.4	18.9	28.3

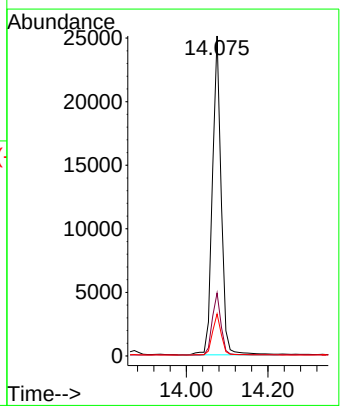


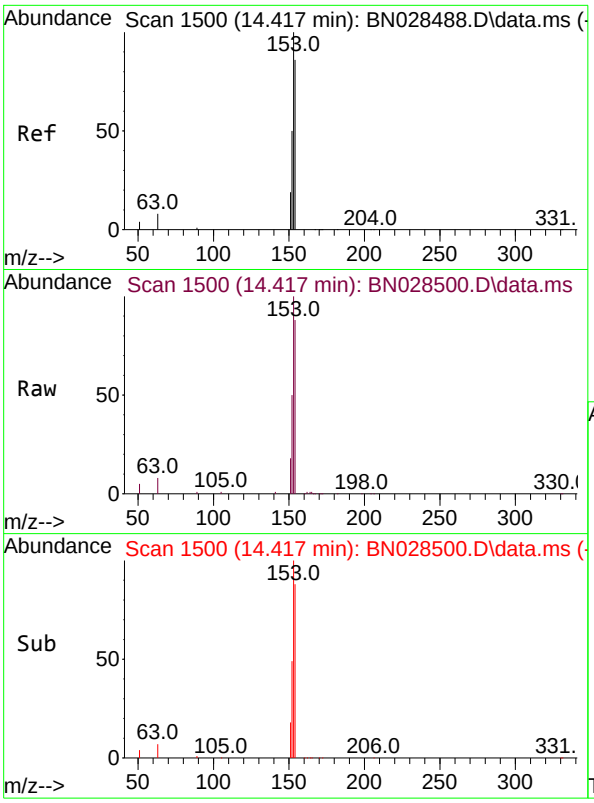


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.075 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:152 Resp: 37263

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0
153	12.9	10.5	15.7



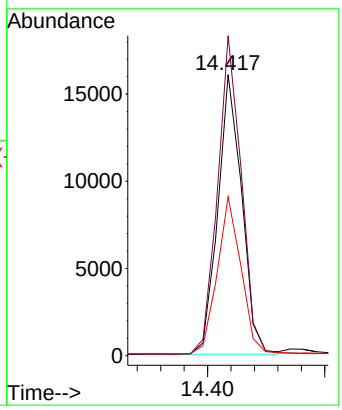


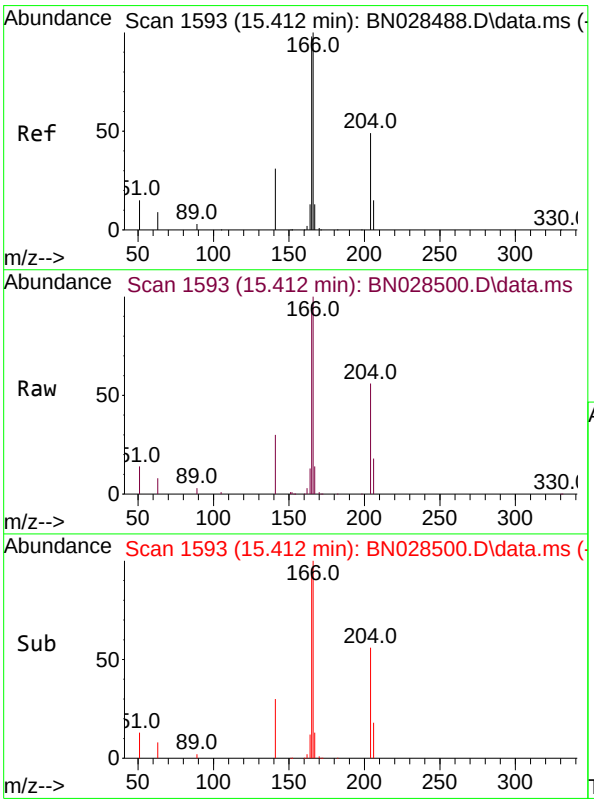
#17
Acenaphthene
Concen: 0.356 ng
RT: 14.417 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:154 Resp: 22687

Ion	Ratio	Lower	Upper
154	100		
153	114.1	92.0	138.0
152	56.2	45.4	68.0

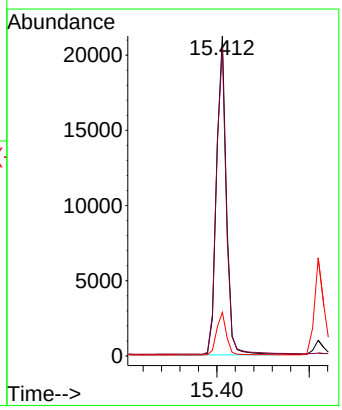


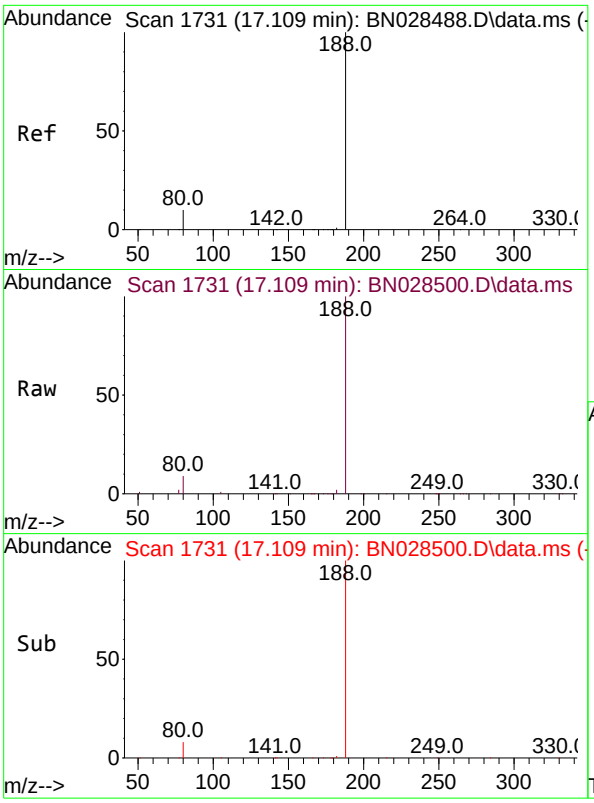


#18
Fluorene
Concen: 0.350 ng
RT: 15.412 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:166 Resp: 31569

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.5	117.7
167	13.6	10.6	16.0



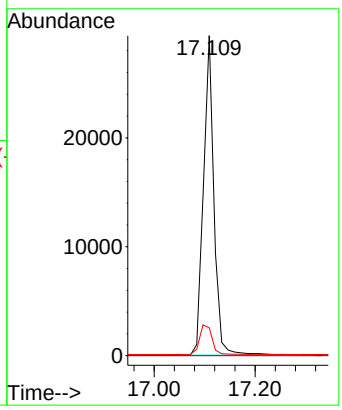


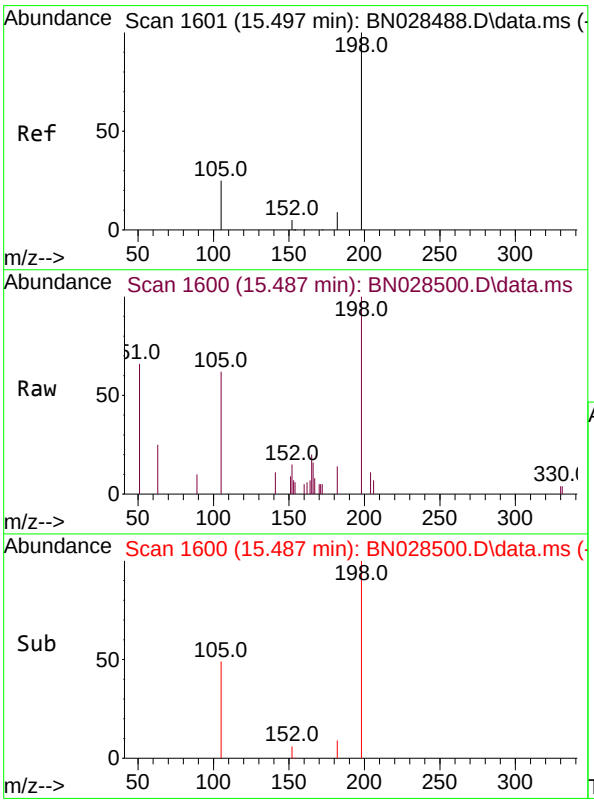
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:188 Resp: 42455

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	8.3	12.5

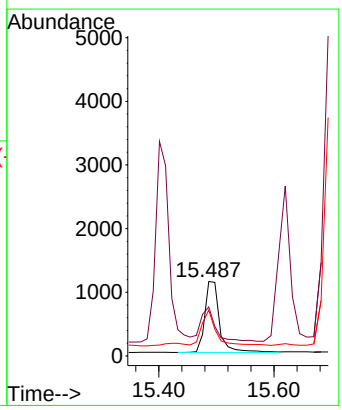


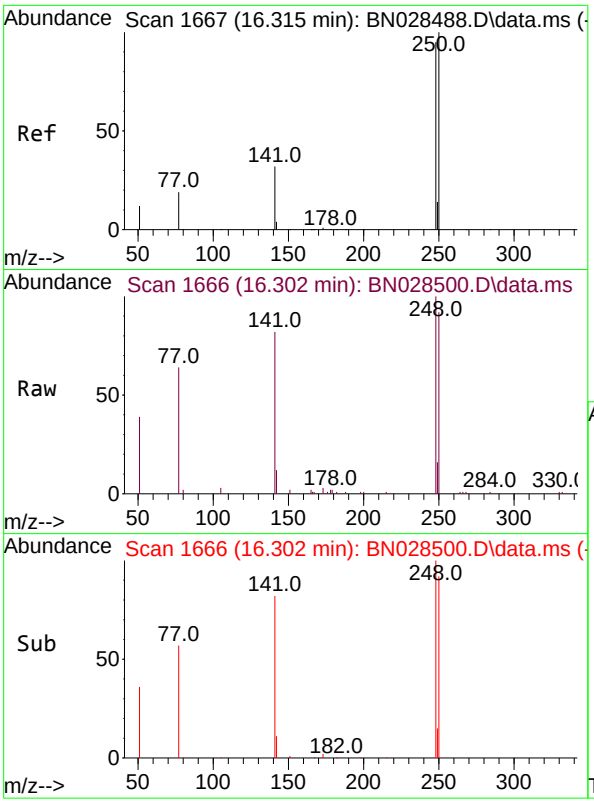


#20
4,6-Dinitro-2-methylphenol
Concen: 0.390 ng
RT: 15.487 min Scan# 1600
Delta R.T. -0.010 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:198 Resp: 2101

Ion	Ratio	Lower	Upper
198	100		
51	65.8	42.1	63.1#
105	61.6	32.6	48.8#



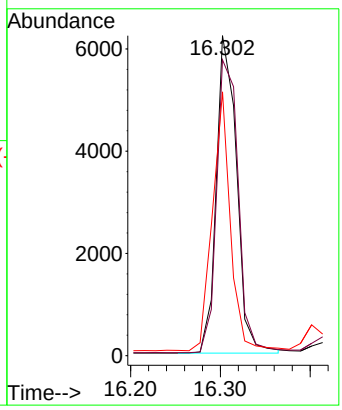


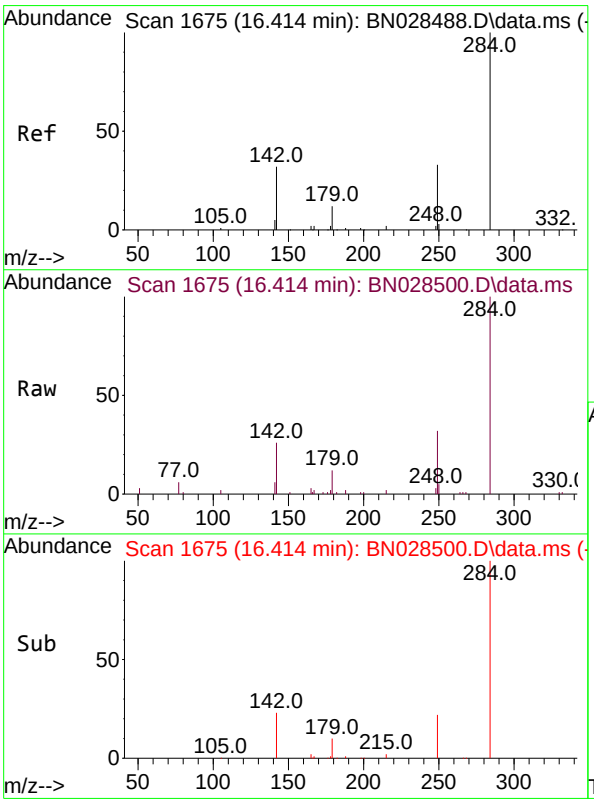
#21
4-Bromophenyl-phenylether
Concen: 0.344 ng
RT: 16.302 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:248 Resp: 9766

Ion	Ratio	Lower	Upper
248	100		
250	92.5	84.6	126.8
141	82.5	28.2	42.2#

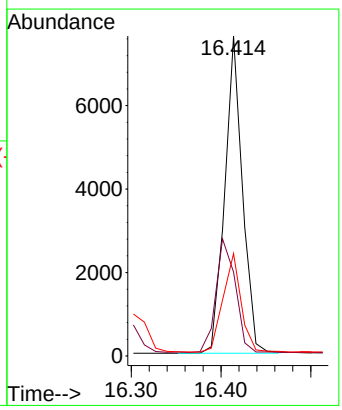


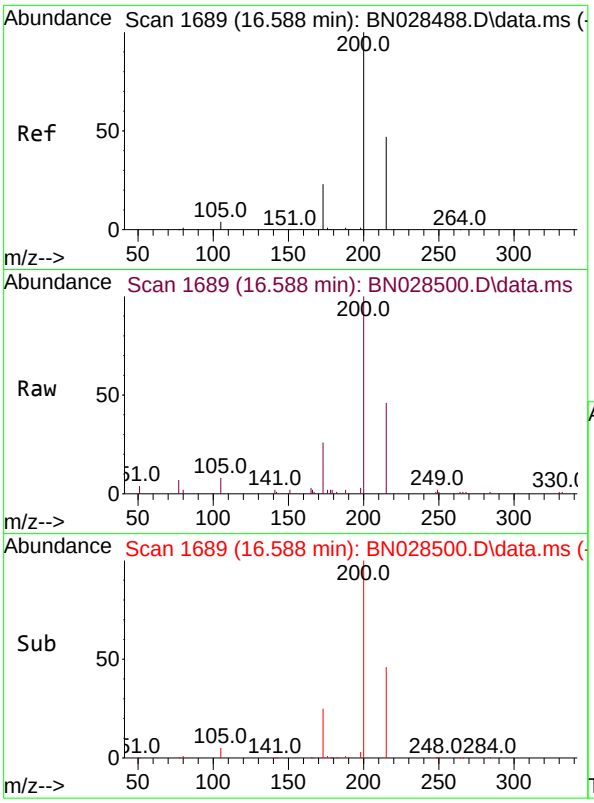


#22
Hexachlorobenzene
Concen: 0.353 ng
RT: 16.414 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:284 Resp: 10468

Ion	Ratio	Lower	Upper
284	100		
142	39.1	31.8	47.6
249	31.5	25.4	38.0



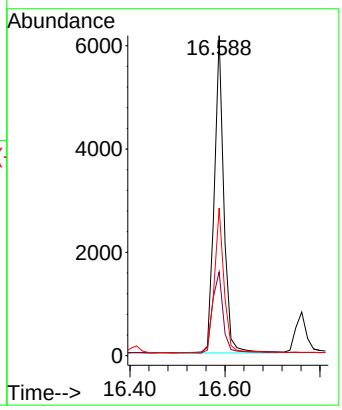


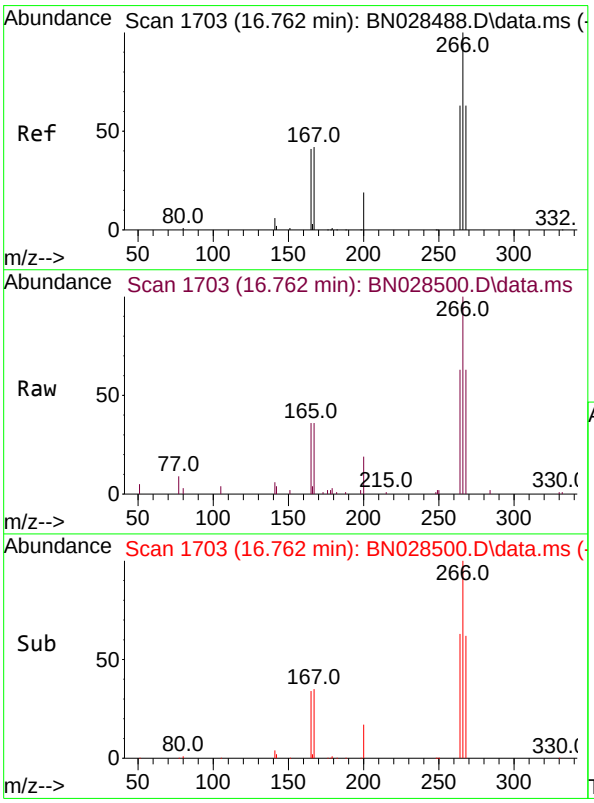
#23
Atrazine
Concen: 0.342 ng
RT: 16.588 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:200 Resp: 8559

Ion	Ratio	Lower	Upper
200	100		
173	26.2	18.7	28.1
215	46.1	38.3	57.5

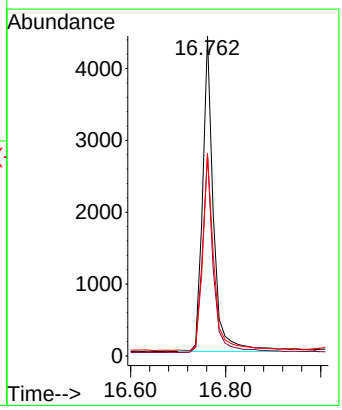


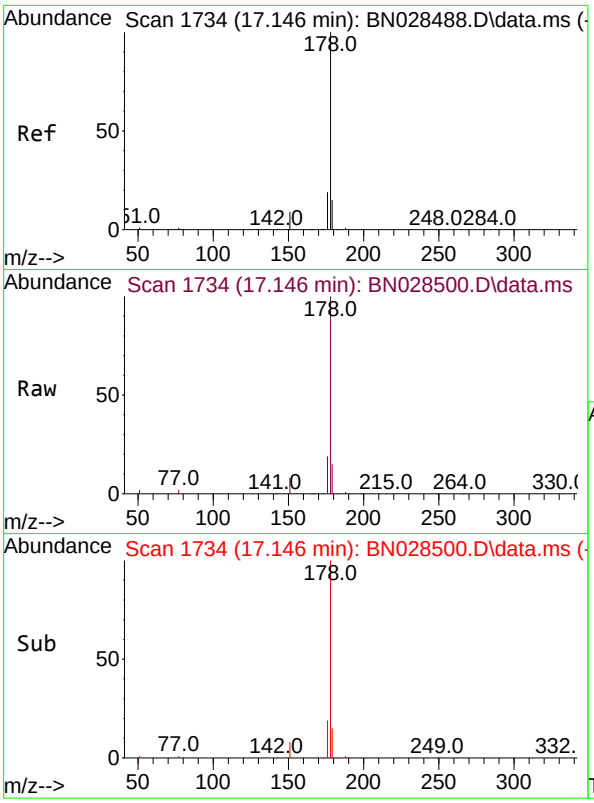


#24
Pentachlorophenol
Concen: 0.552 ng
RT: 16.762 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:266 Resp: 7018

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.5	75.7
268	63.7	51.9	77.9



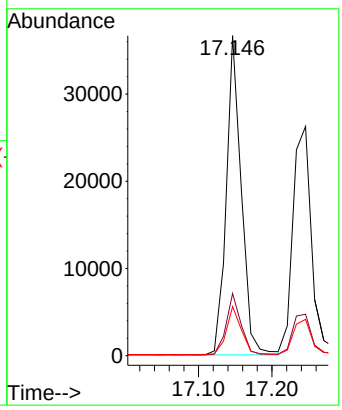


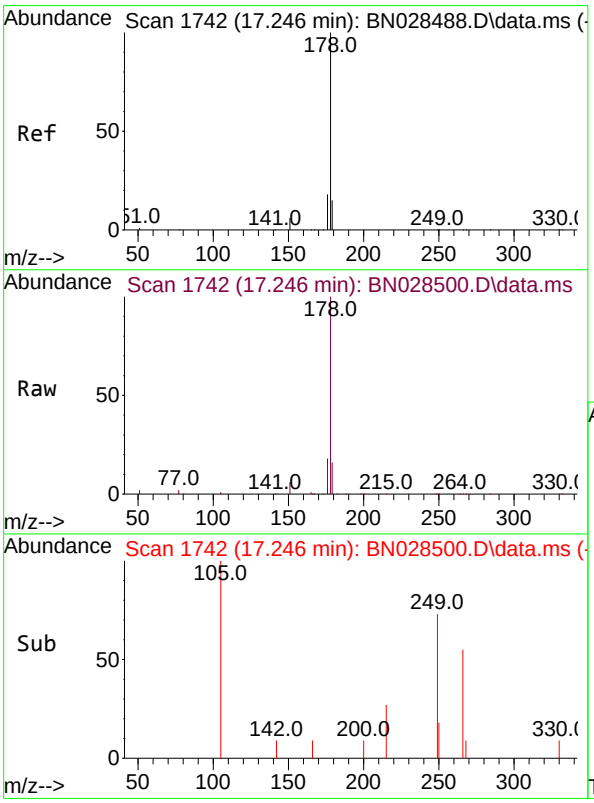
#25
Phenanthrene
Concen: 0.368 ng
RT: 17.146 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:178 Resp: 51843

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.1	12.5	18.7

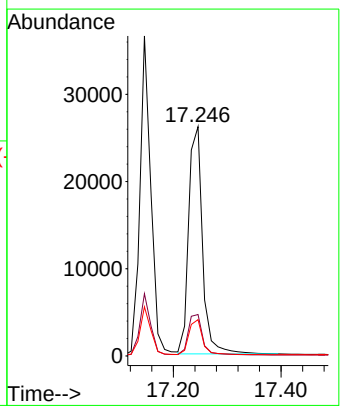


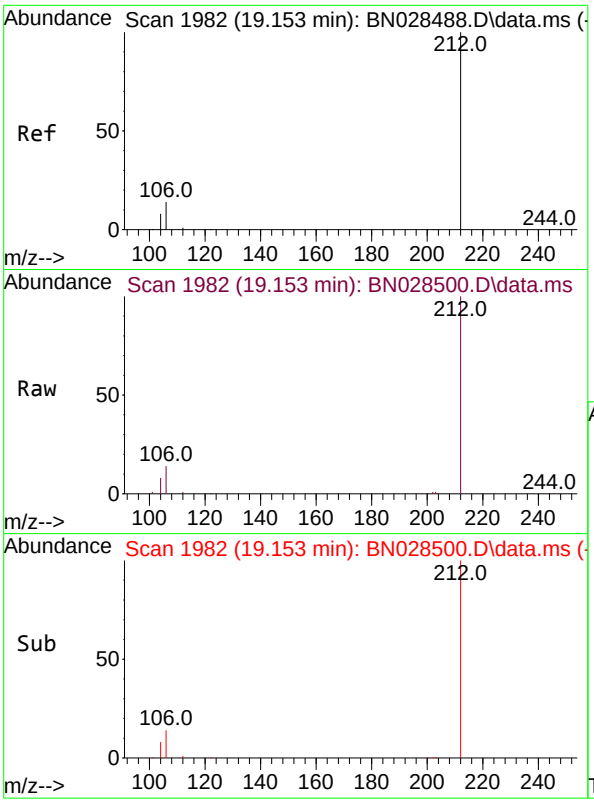


#26
Anthracene
Concen: 0.362 ng
RT: 17.246 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:178 Resp: 46681

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.2	12.2	18.4



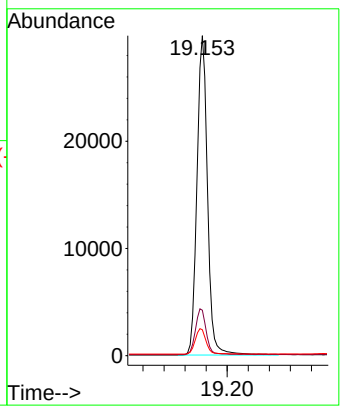


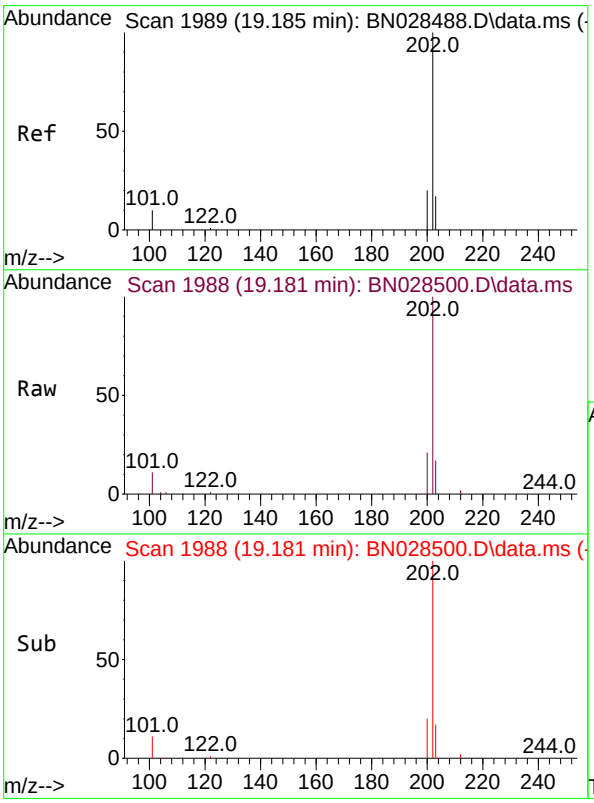
#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:212 Resp: 41523

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.5	17.3
104	8.2	6.4	9.6

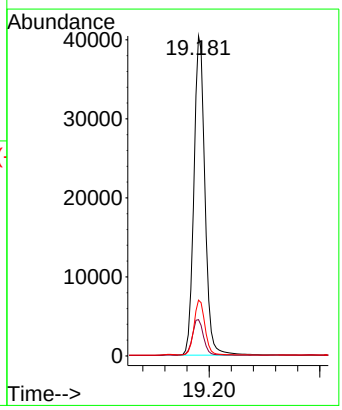


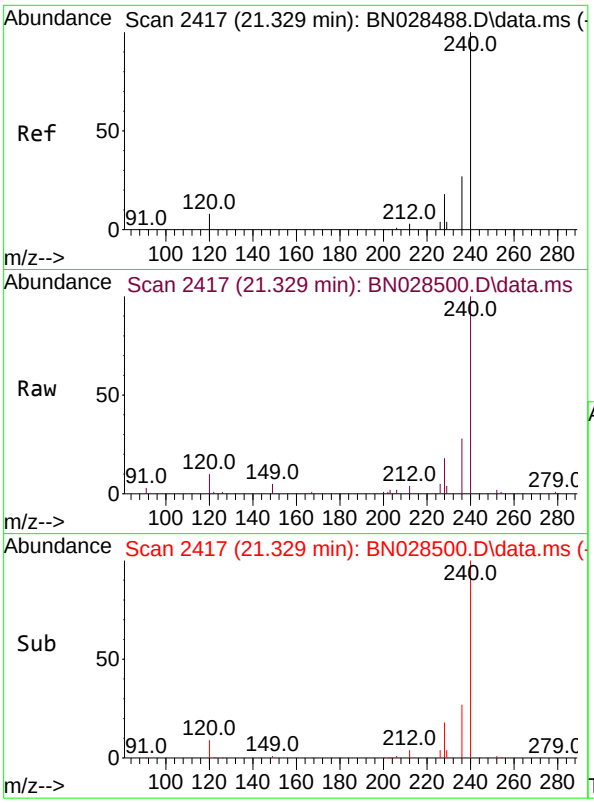


#28
Fluoranthene
Concen: 0.331 ng
RT: 19.181 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:202 Resp: 55900

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
203	17.0	13.7	20.5



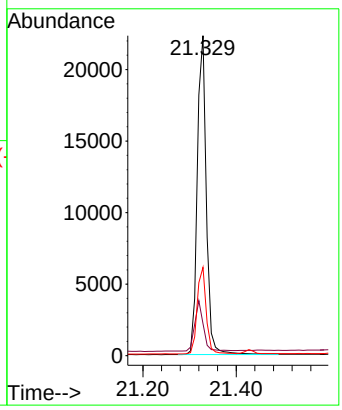


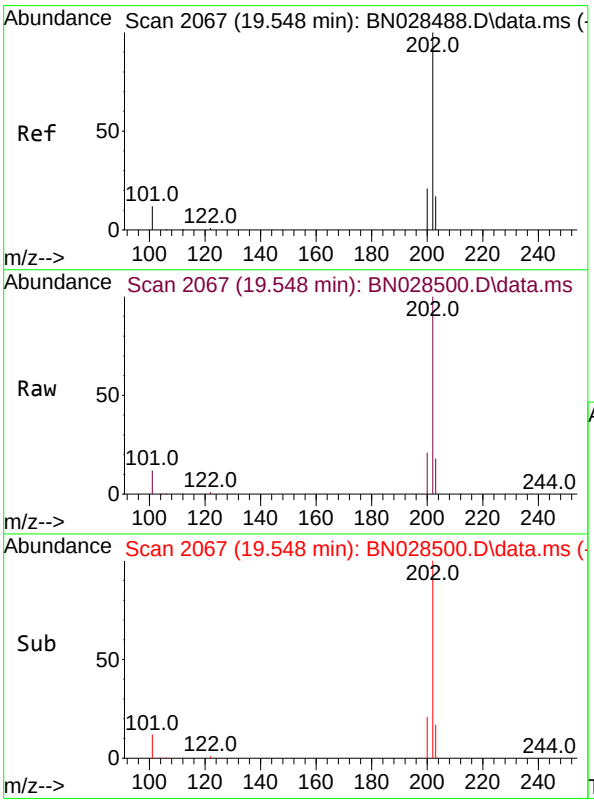
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.329 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:240 Resp: 30182

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.6	11.4
236	27.6	21.9	32.9

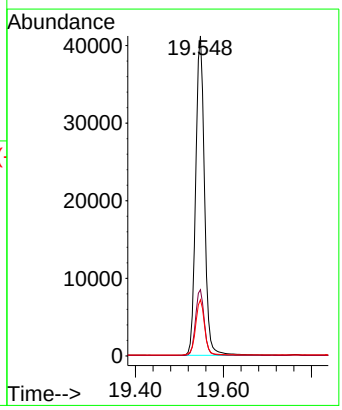


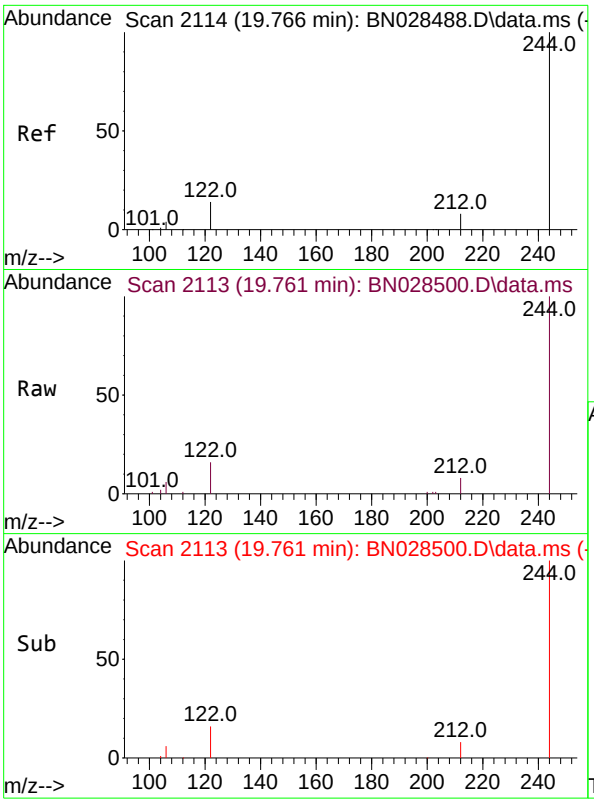


#30
Pyrene
Concen: 0.397 ng
RT: 19.548 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:202 Resp: 57015

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.4	14.3	21.5



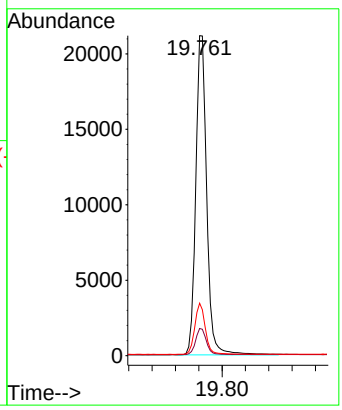


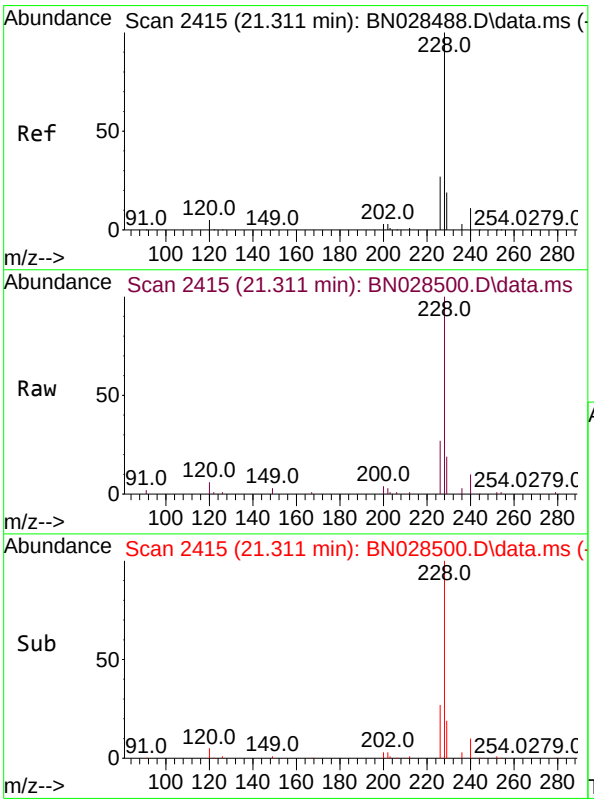
#31
Terphenyl-d14
Concen: 0.342 ng
RT: 19.761 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:244 Resp: 27450

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	9.8
122	16.4	11.4	17.2

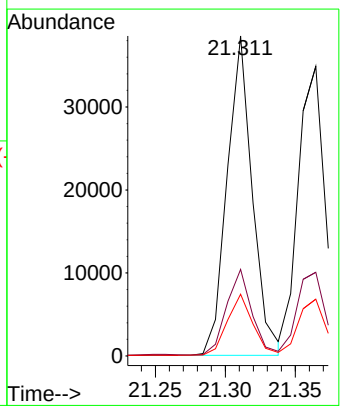


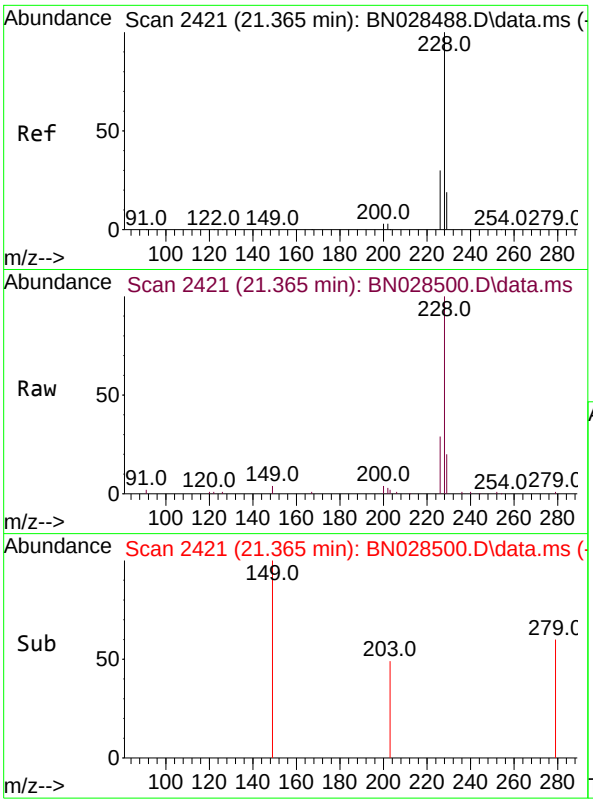


#32
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.311 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:228 Resp: 48280

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.2
229	19.3	15.7	23.5



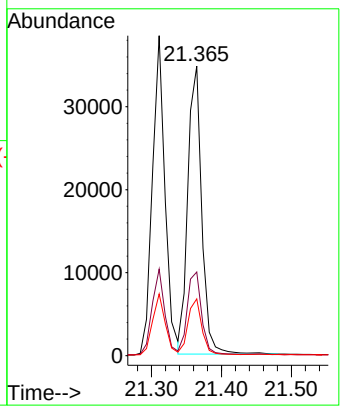


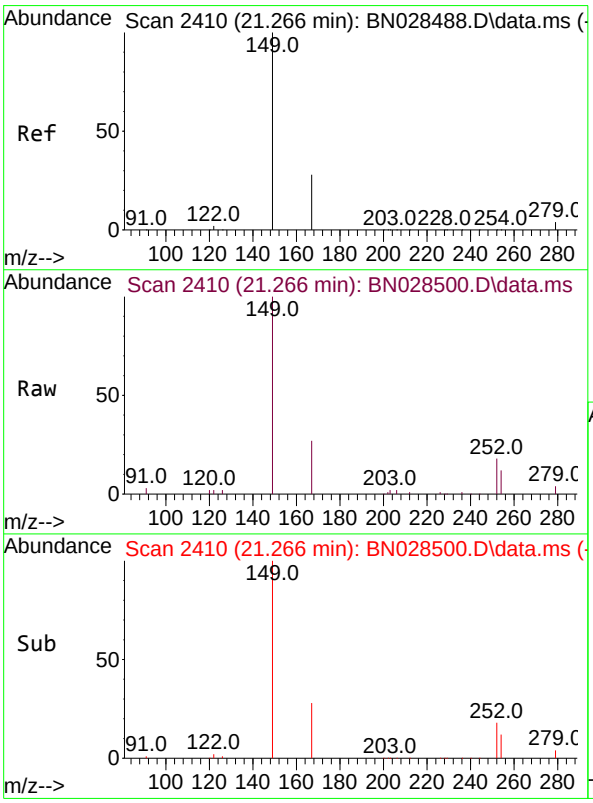
#33
Chrysene
Concen: 0.381 ng
RT: 21.365 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:228 Resp: 47935

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.8	35.8
229	19.6	15.7	23.5

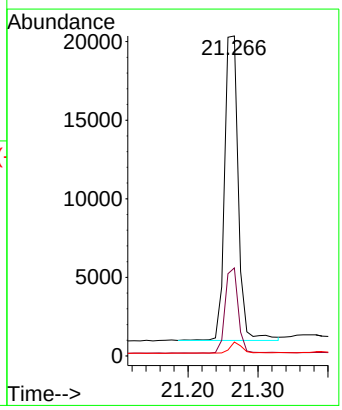


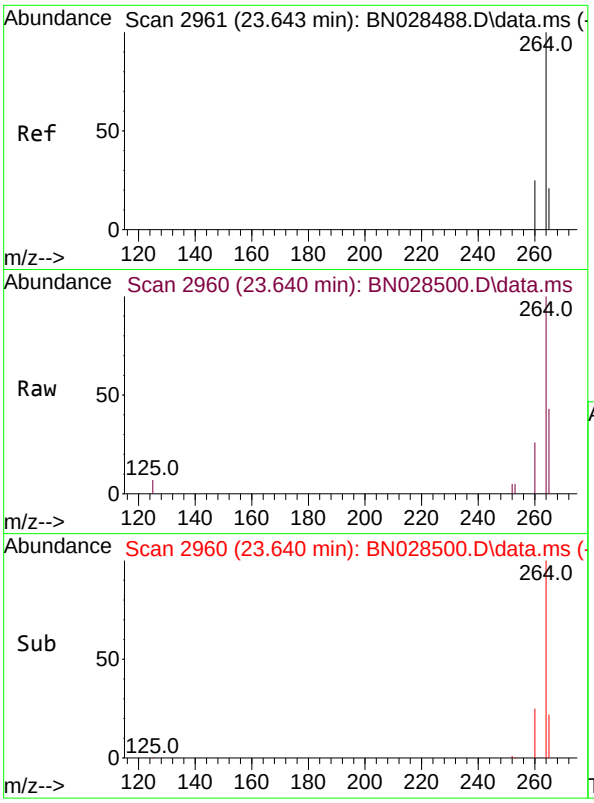


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.335 ng
RT: 21.266 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:149 Resp: 26170

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.0	31.4
279	3.4	2.6	3.8



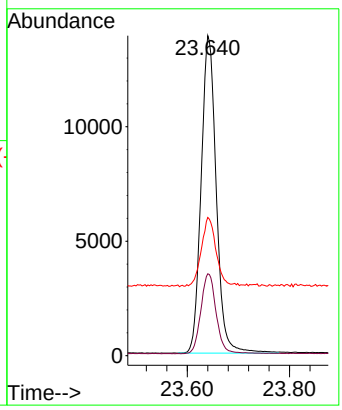


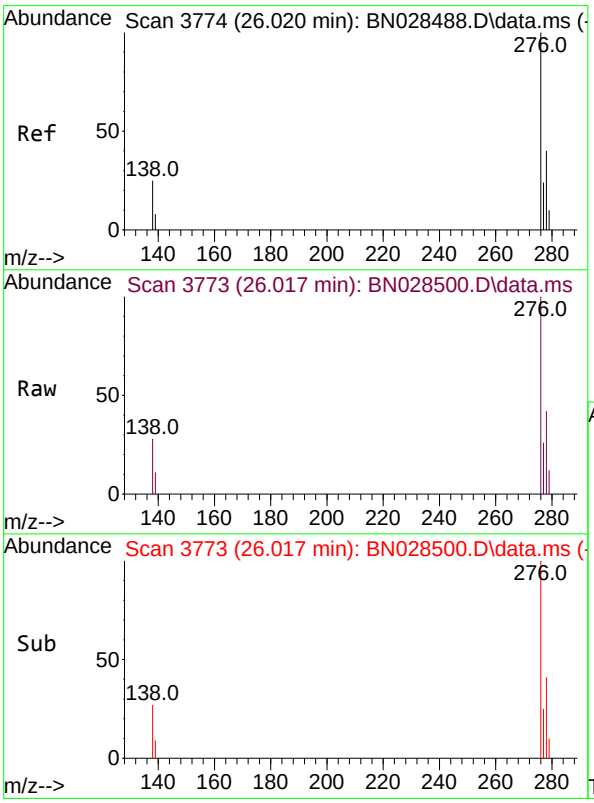
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.640 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:264 Resp: 28463

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.7	31.1
265	43.2	31.6	47.4

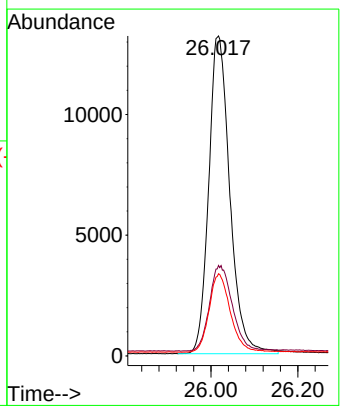


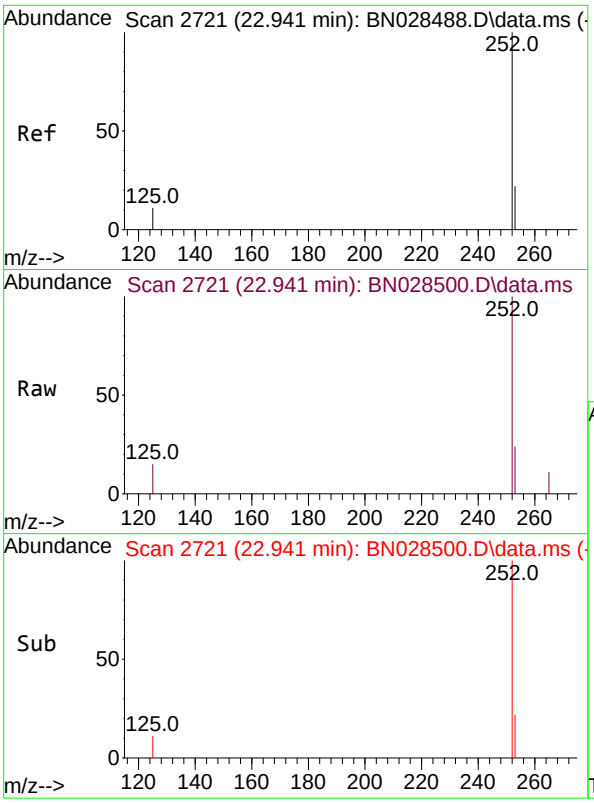


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng
RT: 26.017 min Scan# 3773
Delta R.T. -0.003 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:276 Resp: 44501

Ion	Ratio	Lower	Upper
276	100		
138	28.9	22.4	33.6
277	24.8	19.8	29.6



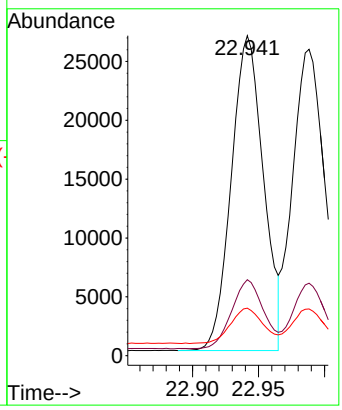


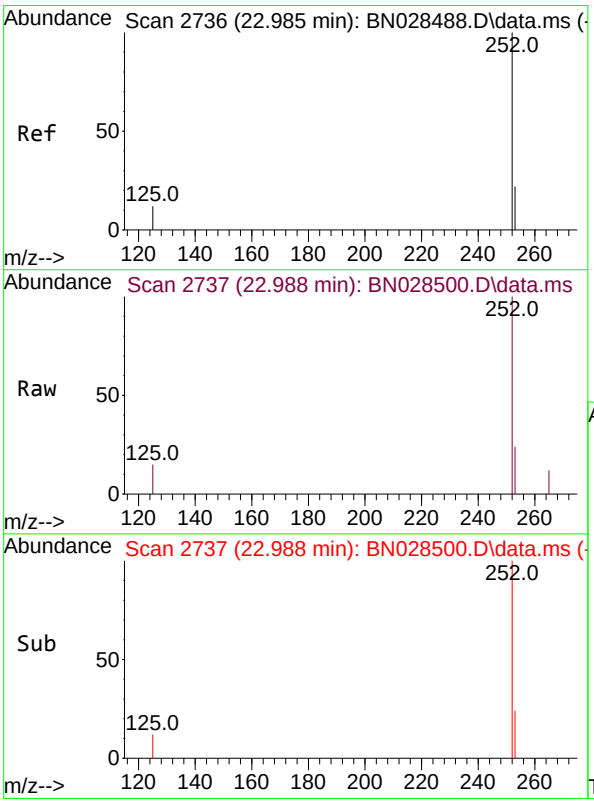
#37
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 22.941 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:252 Resp: 45381

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	27.8
125	14.8	11.4	17.0

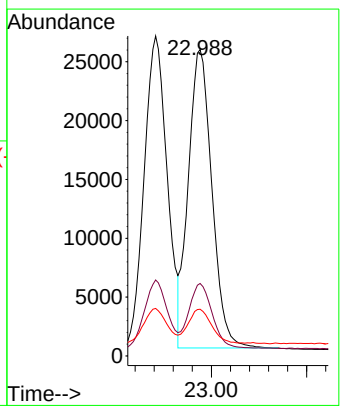


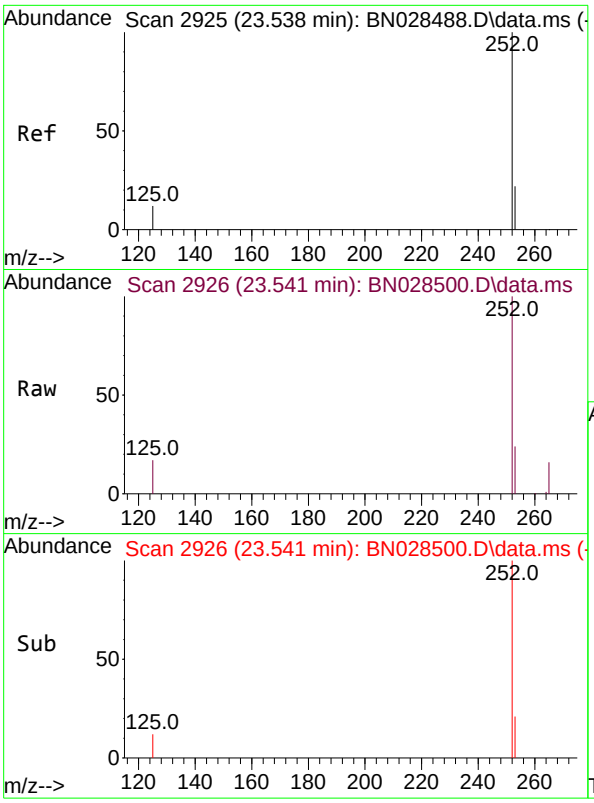


#38
Benzo(k)fluoranthene
Concen: 0.381 ng
RT: 22.988 min Scan# 2737
Delta R.T. 0.003 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:252 Resp: 43574

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.6
125	15.2	12.0	18.0



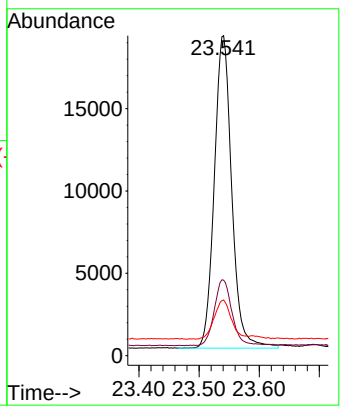


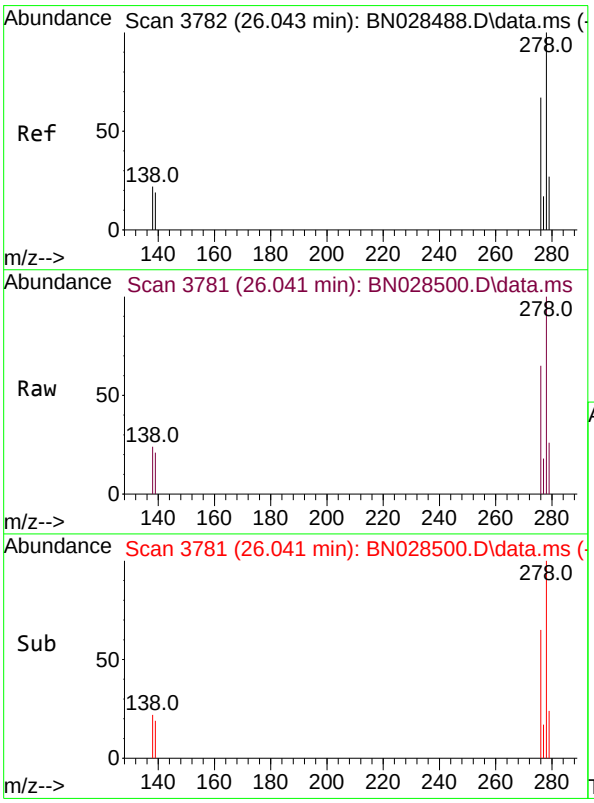
#39
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.541 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:252 Resp: 38254

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.3	28.9
125	17.4	13.3	19.9

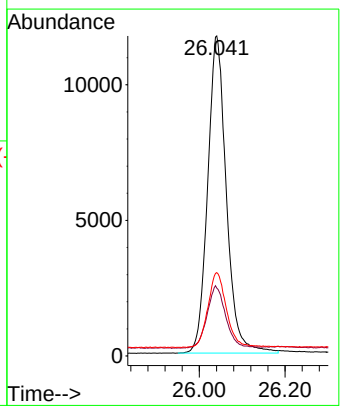


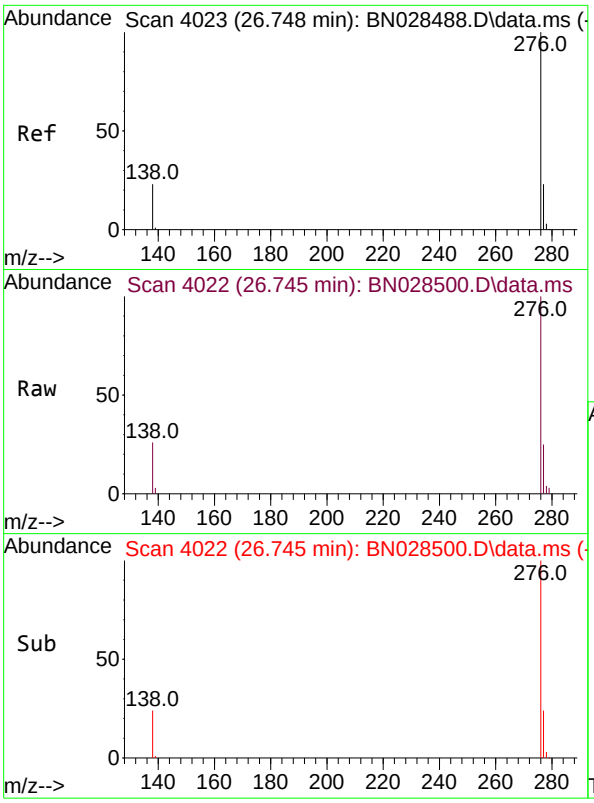


#40
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 26.041 min Scan# 3781
Delta R.T. -0.003 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Tgt Ion:278 Resp: 35466

Ion	Ratio	Lower	Upper
278	100		
139	21.2	17.0	25.6
279	26.0	23.8	35.8





#41
Benzo(g,h,i)perylene
Concen: 0.368 ng
RT: 26.745 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN028500.D
Acq: 08 Nov 2023 15:32

Instrument :
BNA_N
ClientSampleId :
PB156727BS

Tgt Ion:276 Resp: 36513

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.5	29.3
138	26.0	20.1	30.1