Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028229.D
Acq On : 11 Oct 2023 11:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 11 12:32:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	4170	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	13082	0.400	ng		0.00
13) Acenaphthene-d10	14.566	164	7001	0.400	ng		0.00
19) Phenanthrene-d10	17.331	188	14101	0.400	ng	#	0.01
29) Chrysene-d12	21.524	240	12244	0.400	ng	#	0.00
35) Perylene-d12	23.990	264	14645	0.400	ng	#	0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.466	112	4998	0.402	ng		0.00
5) Phenol-d6	7.091	99	6102	0.389	ng		0.00
8) Nitrobenzene-d5	9.123	82	4222	0.379	ng		0.00
11) 2-Methylnaphthalene-d10	12.321	152	7439	0.384	ng		0.00
14) 2,4,6-Tribromophenol	16.078	330	1298	0.405	ng		0.00
15) 2-Fluorobiphenyl	13.187	172	9877	0.391	ng		0.00
27) Fluoranthene-d10	19.360	212	14784	0.417	ng		0.00
31) Terphenyl-d14	19.946	244	11220	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	2030	0.434	ng		98
3) n-Nitrosodimethylamine	3.711	42	2157	0.403	ng	#	96
6) bis(2-Chloroethyl)ether	7.358	93	4982	0.394	ng		98
9) Naphthalene	10.789	128	13545	0.401	ng		100
10) Hexachlorobutadiene	11.002	225	2398	0.400	ng	#	100
12) 2-Methylnaphthalene	12.396	142	9614	0.407	ng		98
16) Acenaphthylene	14.298	152	35831	1.155	ng		99
17) Acenaphthene	14.630	154	10374	0.525	ng		98
18) Fluorene	15.618	166	13155	0.512	ng		89
20) 4,6-Dinitro-2-methylph...	16.785	198	73	0.389	ng	#	63
21) 4-Bromophenyl-phenylether	16.500	248	2978	0.405	ng		95
22) Hexachlorobenzene	16.599	284	3136	0.407	ng		98
23) Atrazine	16.785	200	2785	0.434	ng		95
24) Pentachlorophenol	16.971	266	1310	0.361	ng		96
25) Phenanthrene	17.455	178	16234	0.427	ng		99
26) Anthracene	17.455	178	16234	0.452	ng		99
28) Fluoranthene	19.542	202	11948	0.272	ng		97
30) Pyrene	19.755	202	22977	0.512	ng		97
32) Benzo(a)anthracene	21.507	228	21144	0.507	ng	#	74
33) Chrysene	21.560	228	19873	0.495	ng	#	81
34) Bis(2-ethylhexyl)phtha...	21.372	149	14793	0.540	ng	#	95
36) Indeno(1,2,3-cd)pyrene	26.589	276	22339	0.453	ng		99
37) Benzo(b)fluoranthene	23.224	252	20328	0.430	ng	#	61
38) Benzo(k)fluoranthene	23.274	252	19185	0.400	ng	#	62
39) Benzo(a)pyrene	23.879	252	19772	0.442	ng	#	60
40) Dibenzo(a,h)anthracene	26.604	278	17736	0.440	ng	#	64
41) Benzo(g,h,i)perylene	27.402	276	18712	0.452	ng	#	73

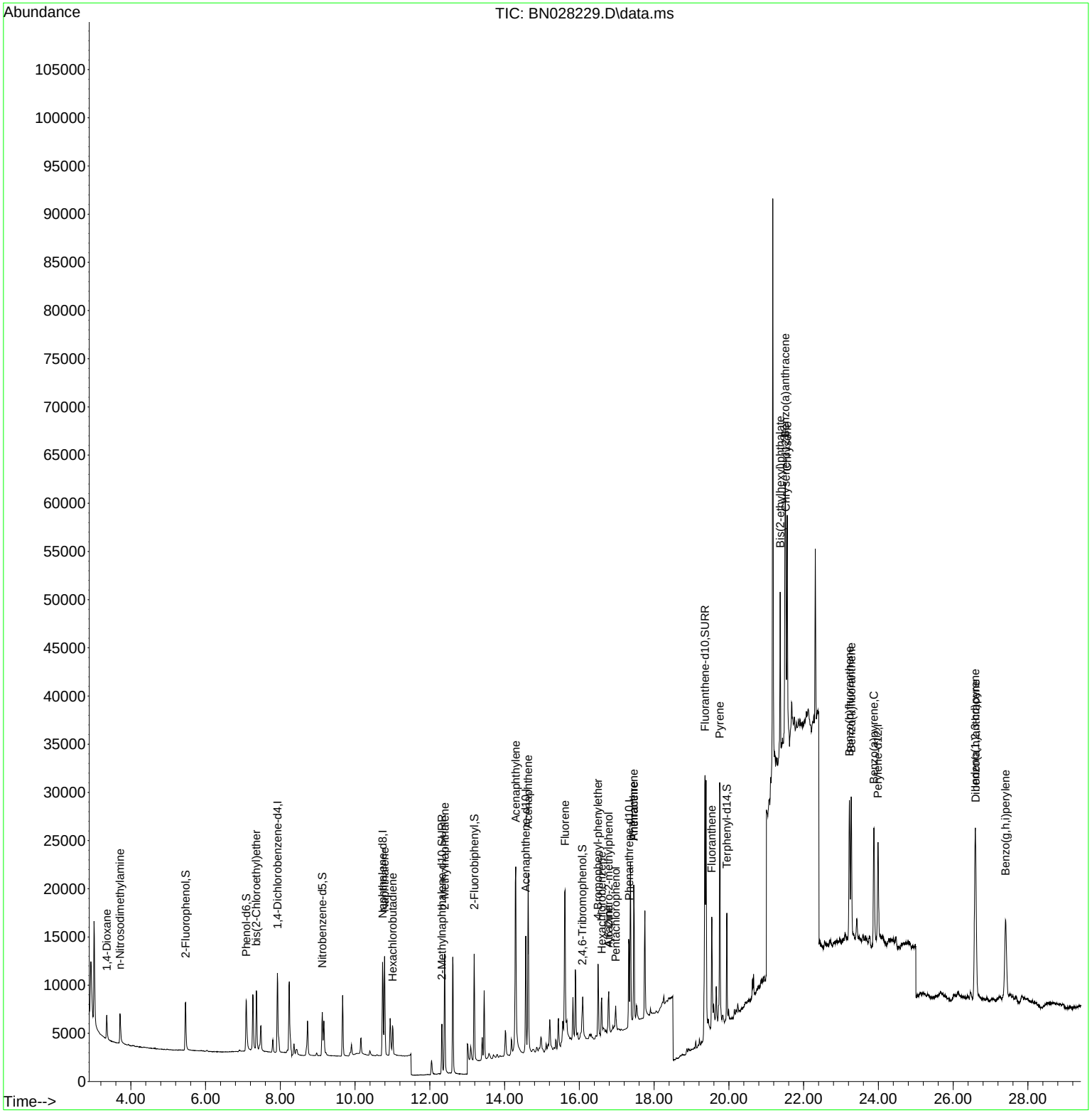
(#) = qualifier out of range (m) = manual integration (+) = signals summed

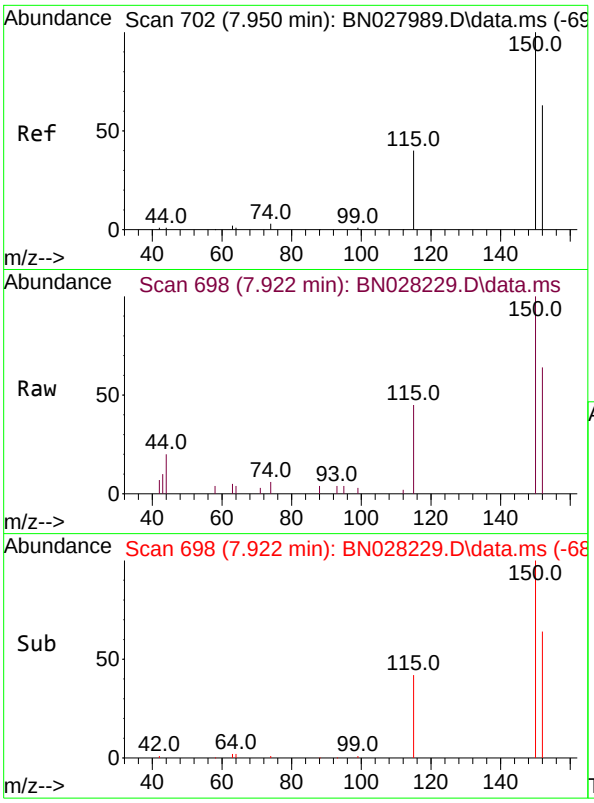
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028229.D
Acq On : 11 Oct 2023 11:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 11 12:32:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration



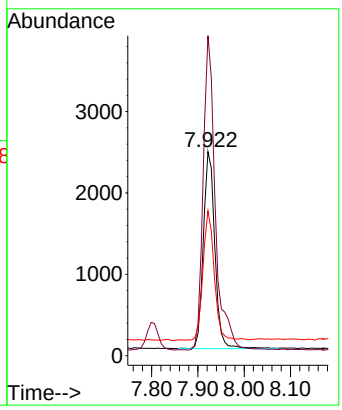


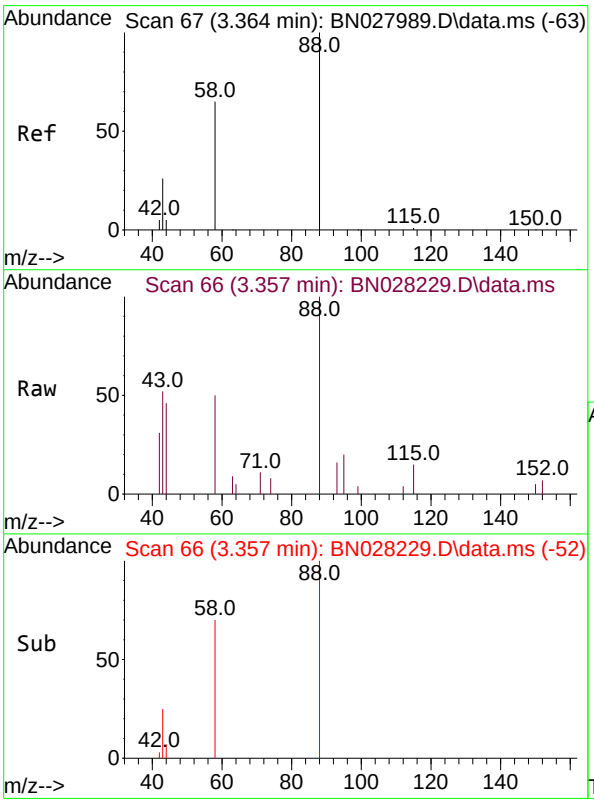
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.922 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4170

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.6	188.4
115	71.0	54.8	82.2

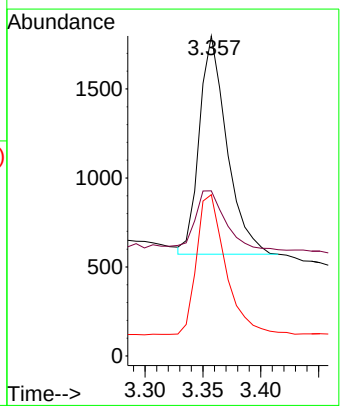


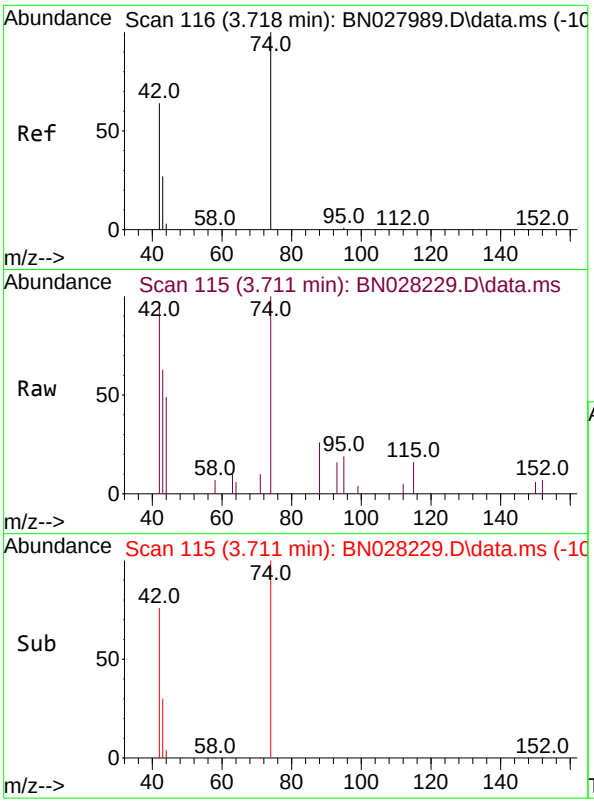


#2
1,4-Dioxane
Concen: 0.434 ng
RT: 3.357 min Scan# 66
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion: 88 Resp: 2030

Ion	Ratio	Lower	Upper
88	100		
43	29.5	24.6	36.8
58	68.3	53.8	80.6



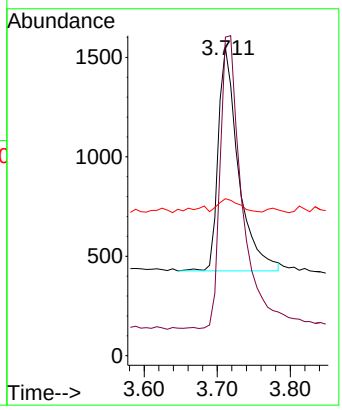


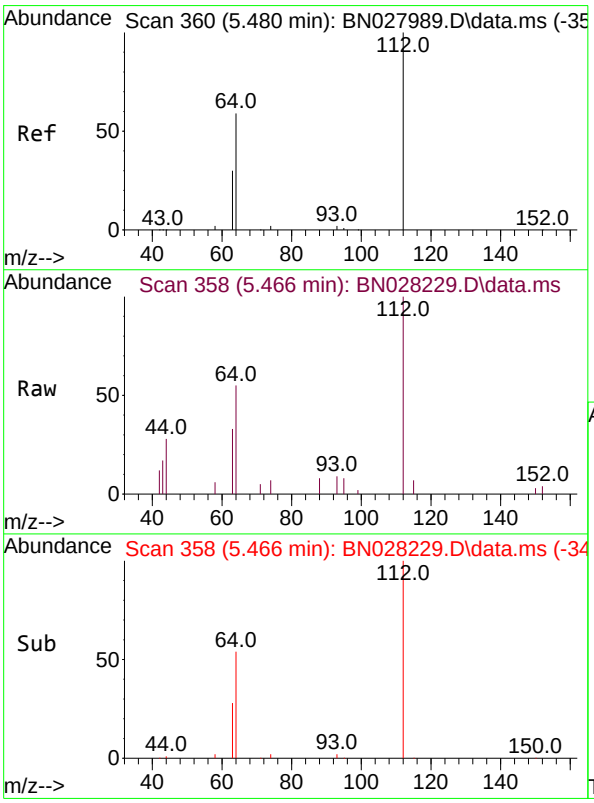
#3
n-Nitrosodimethylamine
Concen: 0.403 ng
RT: 3.711 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2157

Ion	Ratio	Lower	Upper
42	100		
74	140.6	115.9	173.9
44	5.8	8.0	12.0#

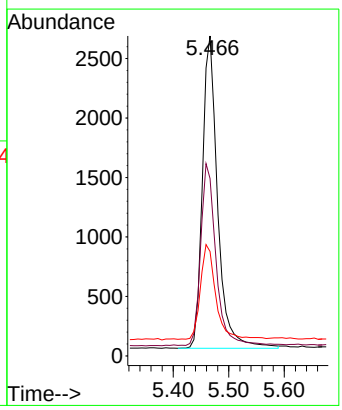


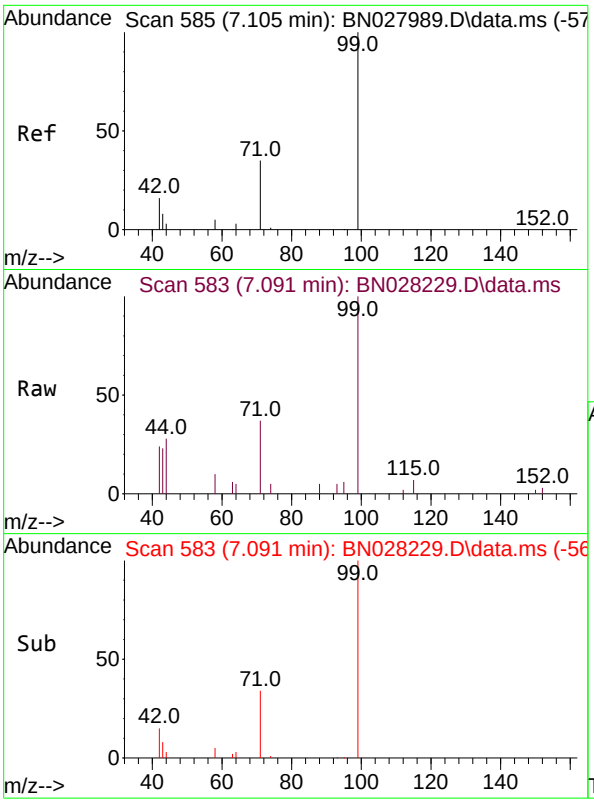


#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.466 min Scan# 358
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:112 Resp: 4998

Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.0	67.6
63	30.8	23.4	35.0



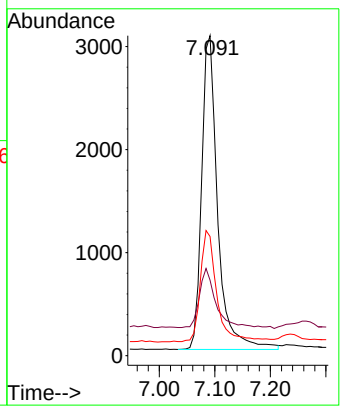


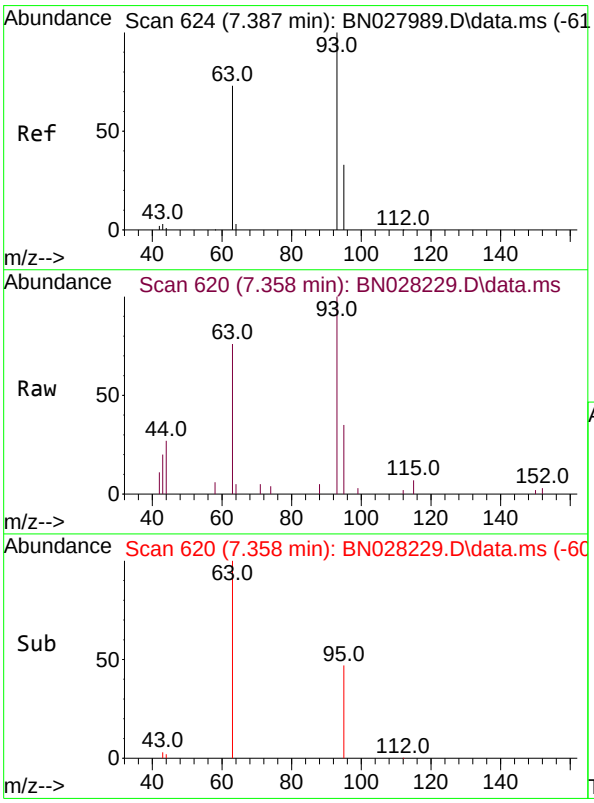
#5
Phenol-d6
Concen: 0.389 ng
RT: 7.091 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6102

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.6	22.0
71	36.5	28.3	42.5

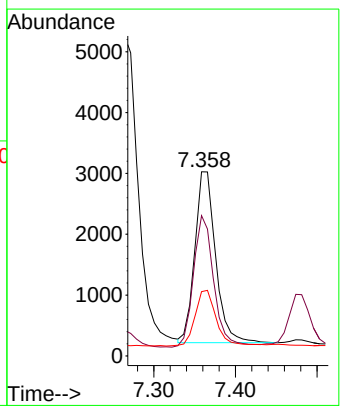


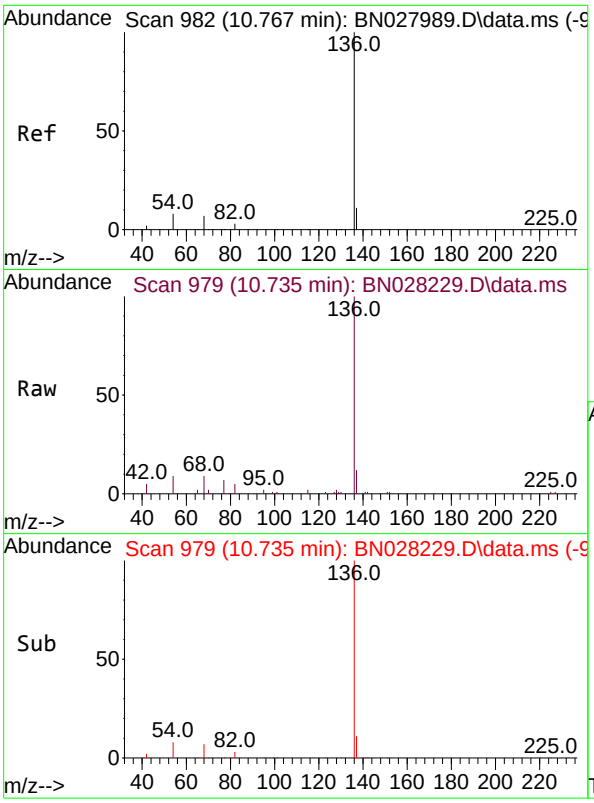


#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.358 min Scan# 620
Delta R.T. -0.007 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion: 93 Resp: 4982

Ion	Ratio	Lower	Upper
93	100		
63	75.2	58.8	88.2
95	33.5	26.6	39.8



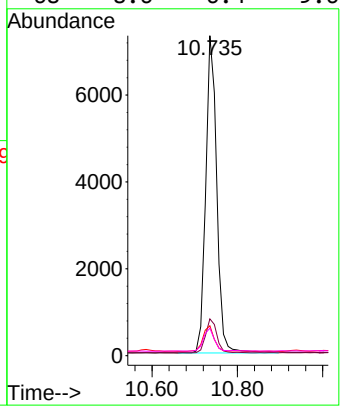


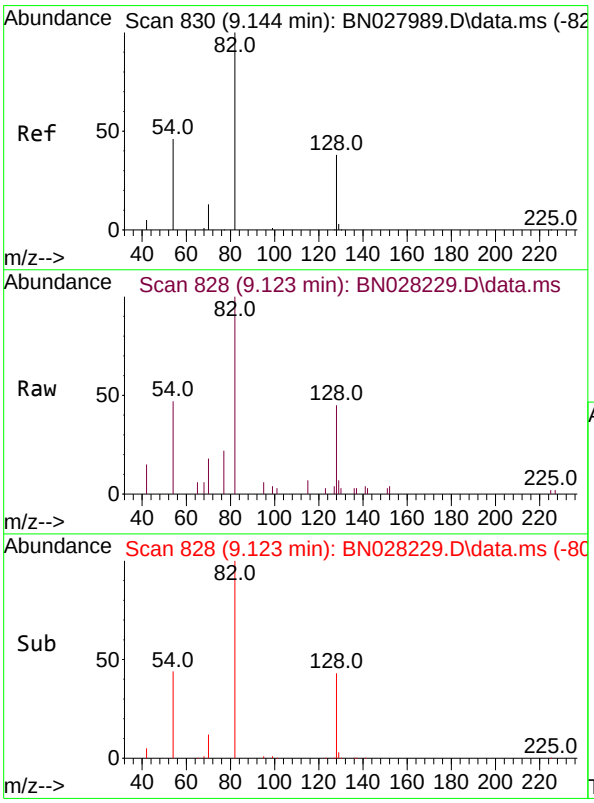
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13082

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	9.4	7.0	10.6
68	8.6	6.4	9.6

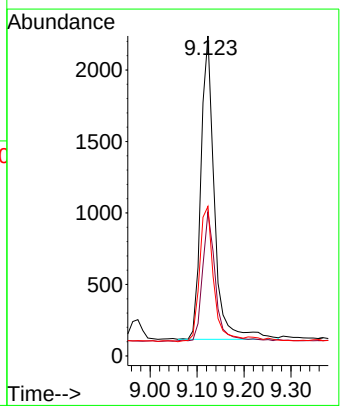


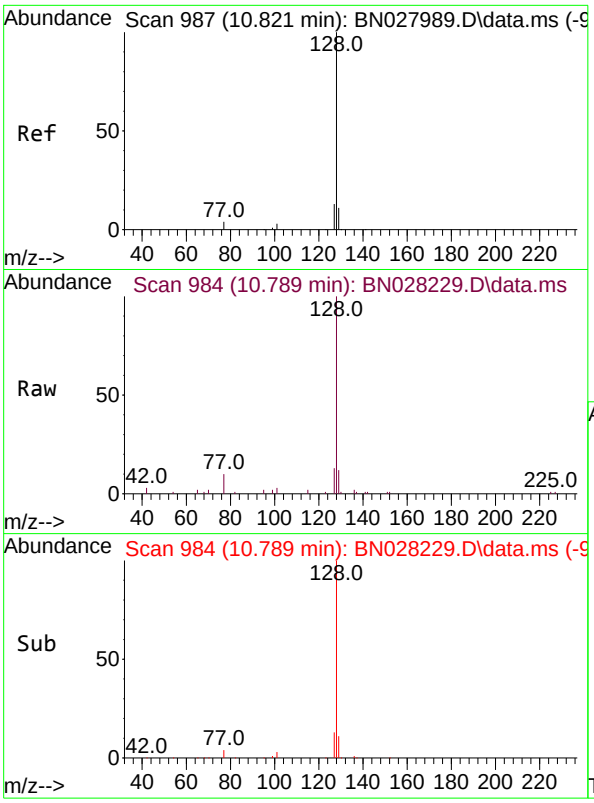


#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 9.123 min Scan# 828
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion: 82 Resp: 4222

Ion	Ratio	Lower	Upper
82	100		
128	45.0	32.7	49.1
54	46.7	38.7	58.1



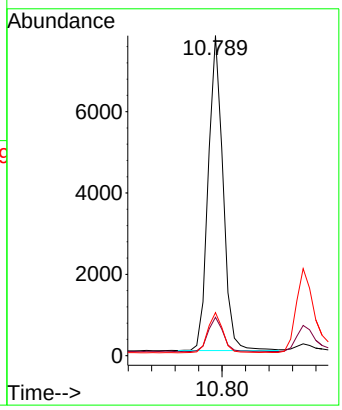


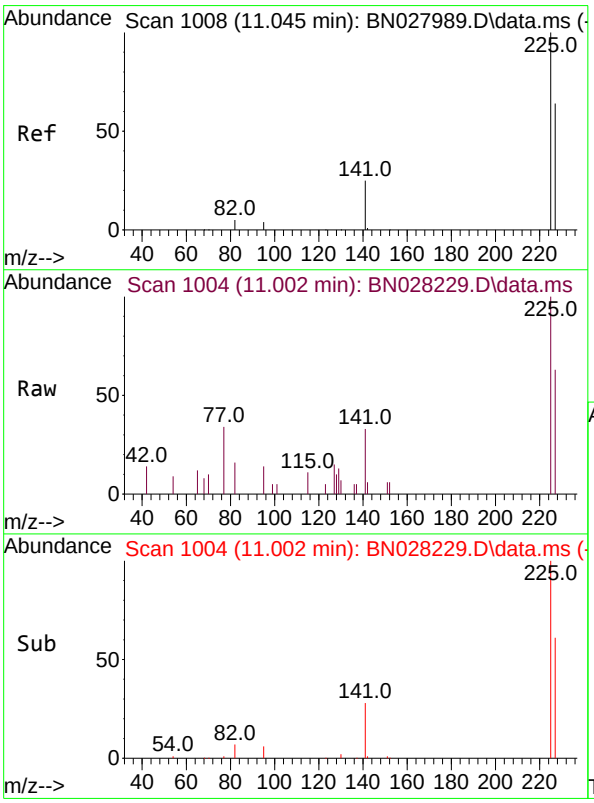
#9
Naphthalene
Concen: 0.401 ng
RT: 10.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 13545

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.2
127	13.5	10.9	16.3

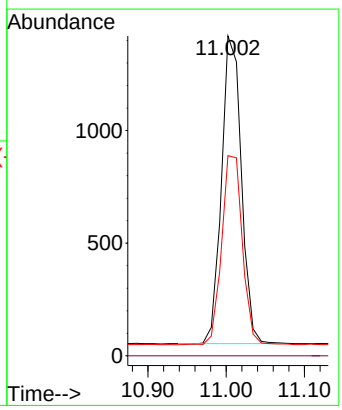


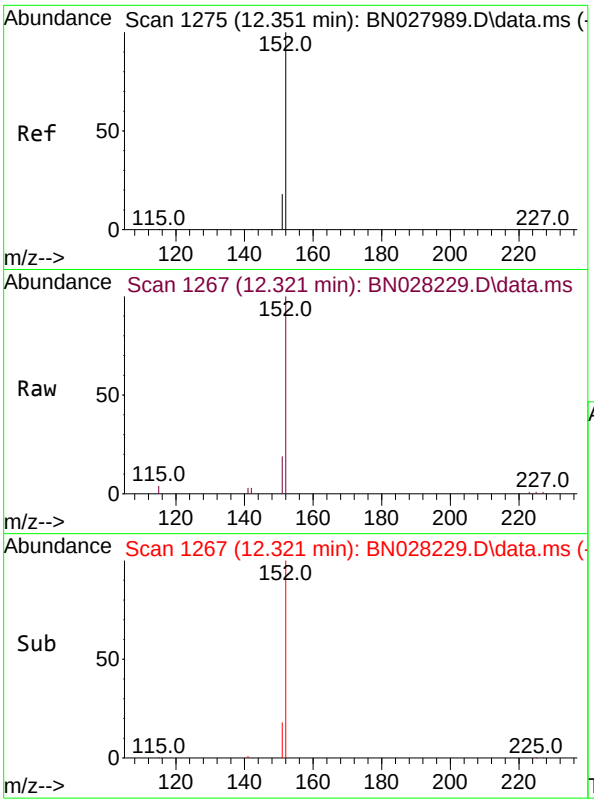


#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 11.002 min Scan# 1004
Delta R.T. -0.011 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:225 Resp: 2398

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.3	76.9



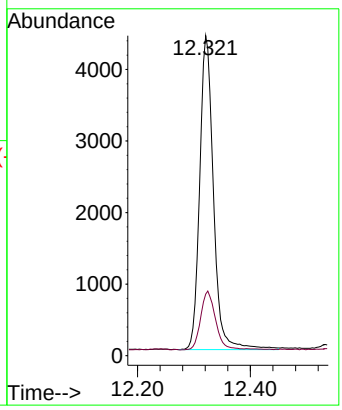


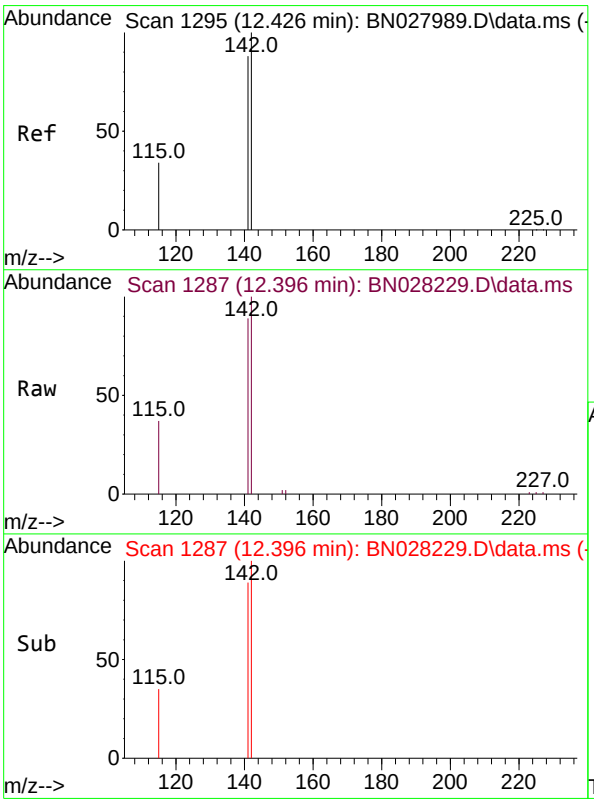
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.321 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7439

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.5	24.7

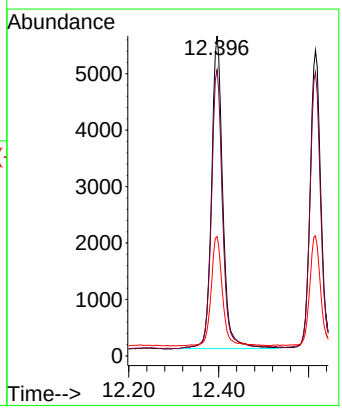


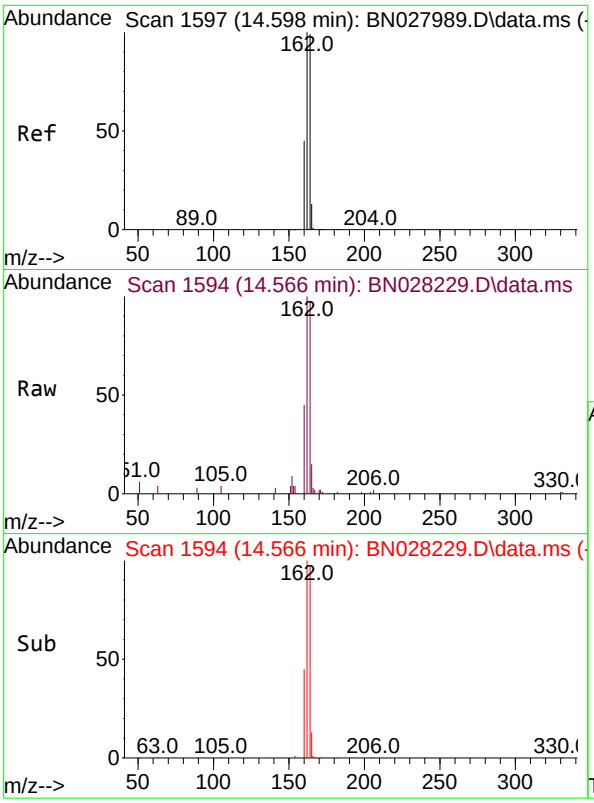


#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.396 min Scan# 1287
Delta R.T. -0.004 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:142 Resp: 9614

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.7	106.1
115	37.3	28.6	42.8



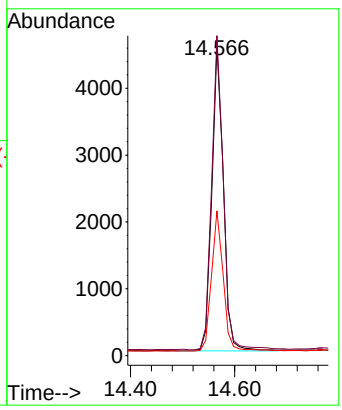


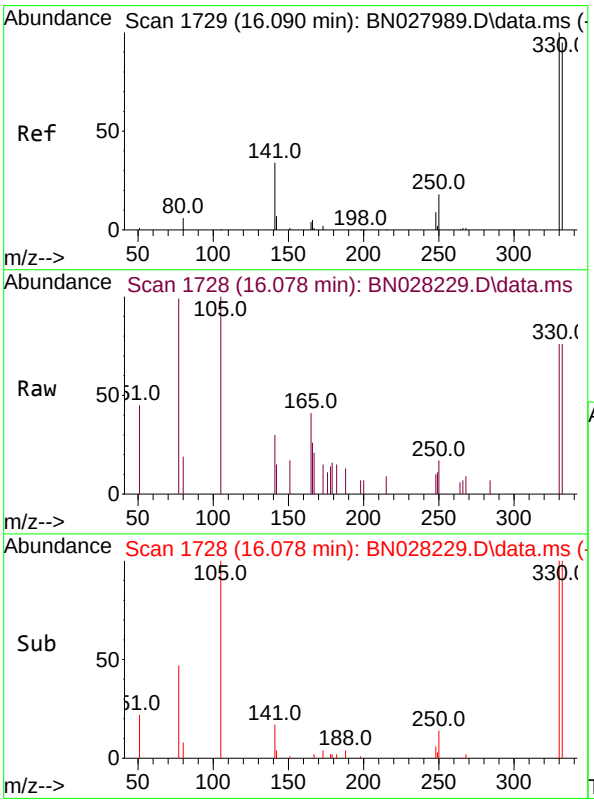
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7001

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.8	121.2
160	46.8	36.4	54.6

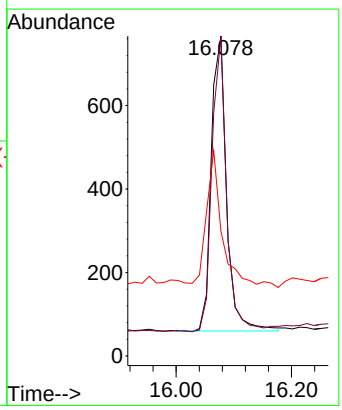


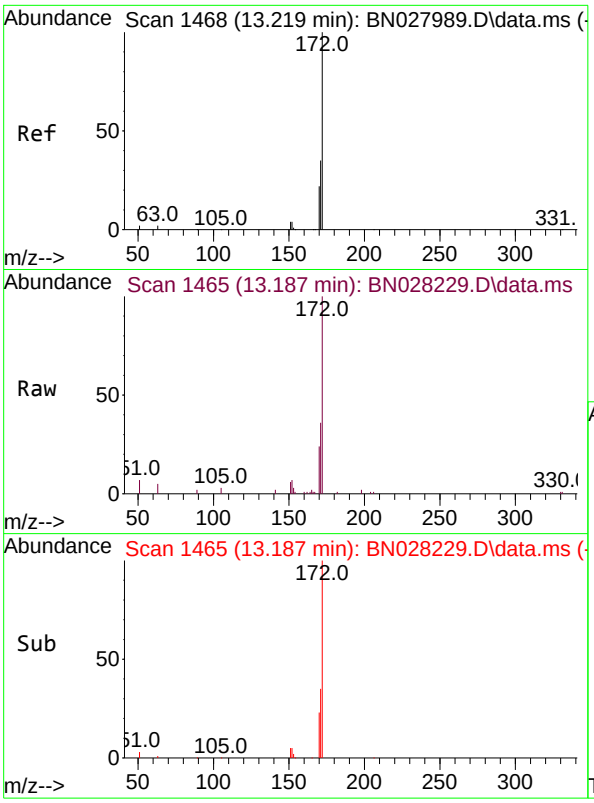


#14
2,4,6-Tribromophenol
Concen: 0.405 ng
RT: 16.078 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:330 Resp: 1298

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.1	117.1
141	48.6	33.4	50.2



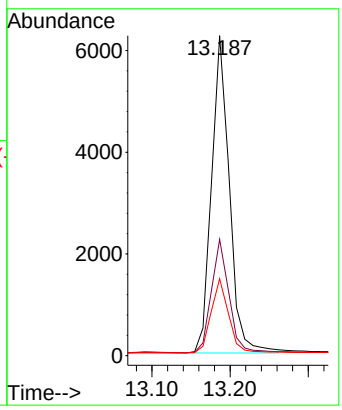


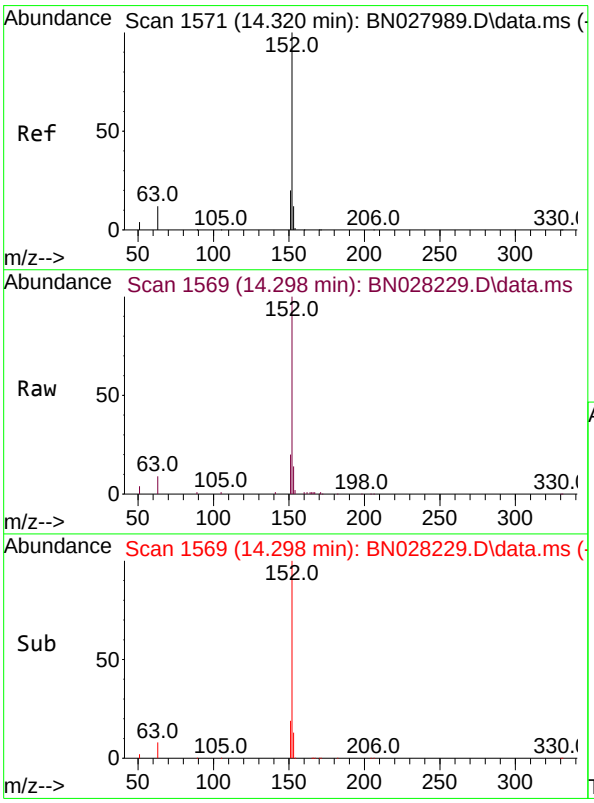
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.187 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 9877

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.1	42.1
170	24.0	18.4	27.6

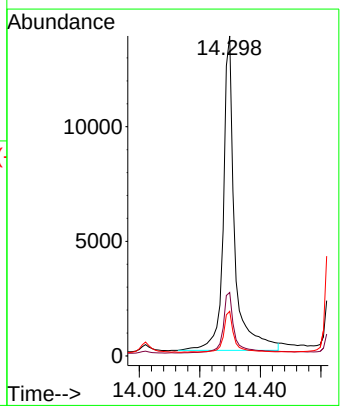


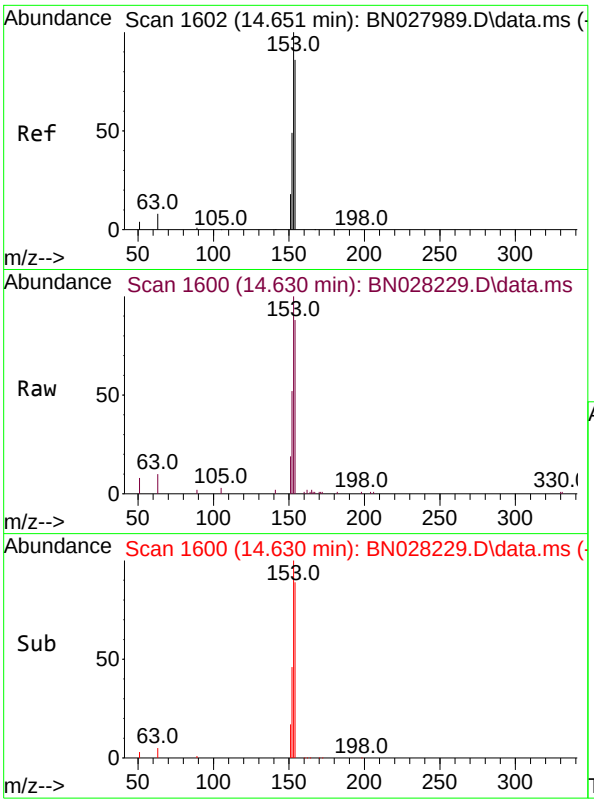


#16
Acenaphthylene
Concen: 1.155 ng
RT: 14.298 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:152 Resp: 35831

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	11.7	10.2	15.4



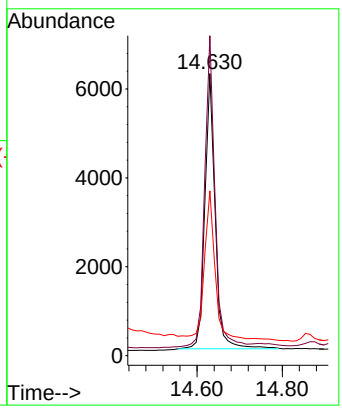


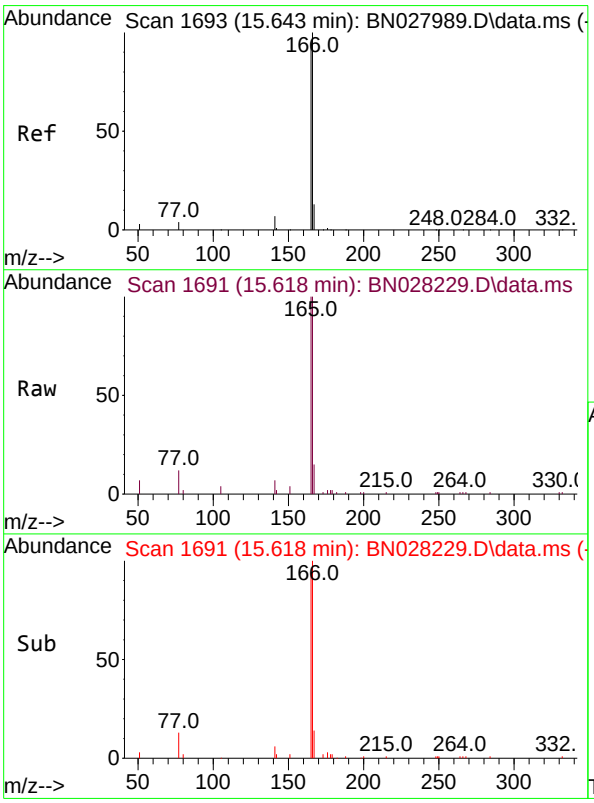
#17
Acenaphthene
Concen: 0.525 ng
RT: 14.630 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 10374

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.8	136.2
152	57.5	43.9	65.9

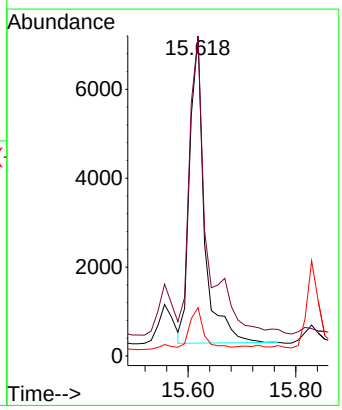


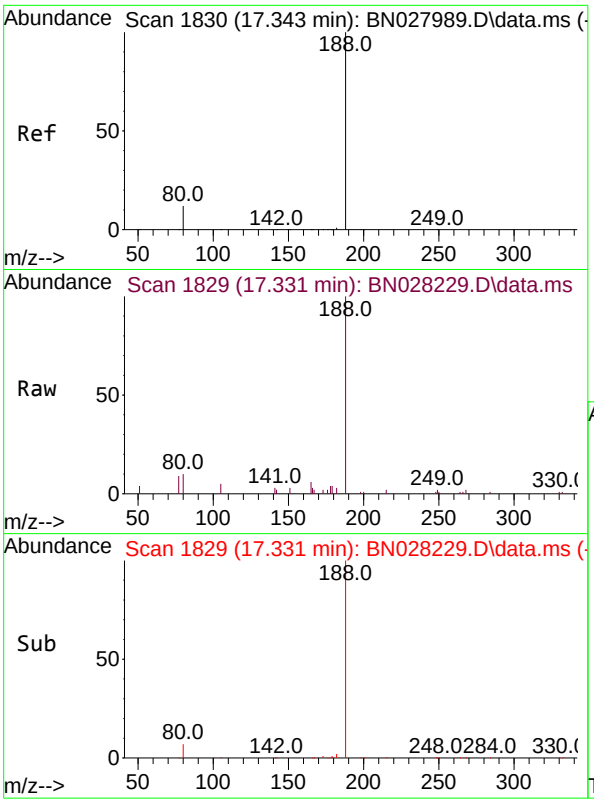


#18
Fluorene
Concen: 0.512 ng
RT: 15.618 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:166 Resp: 13155

Ion	Ratio	Lower	Upper
166	100		
165	109.3	77.8	116.8
167	12.5	10.7	16.1



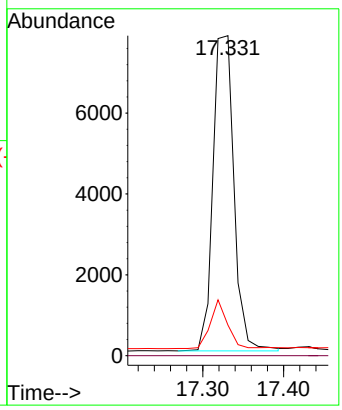


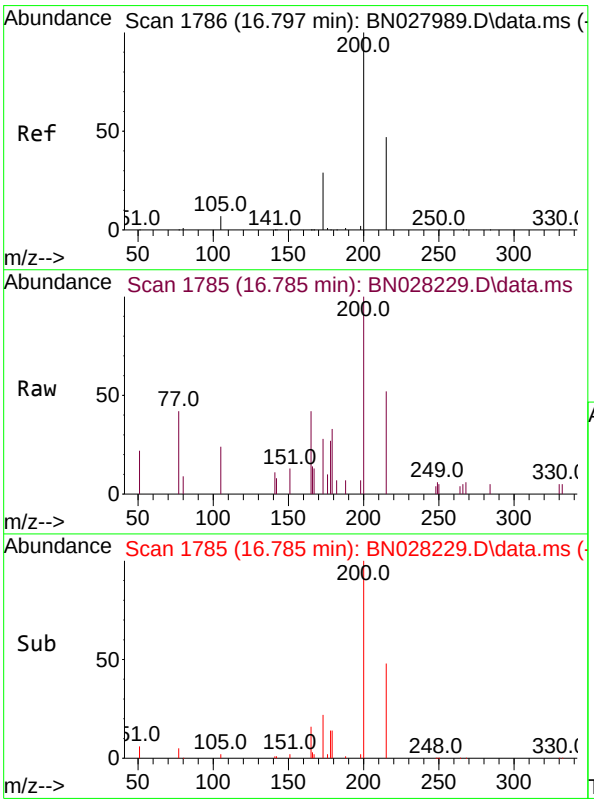
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.331 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 14101

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	10.2	15.4#

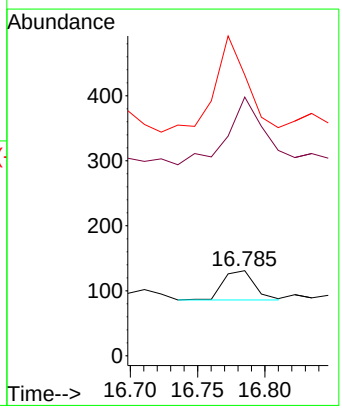


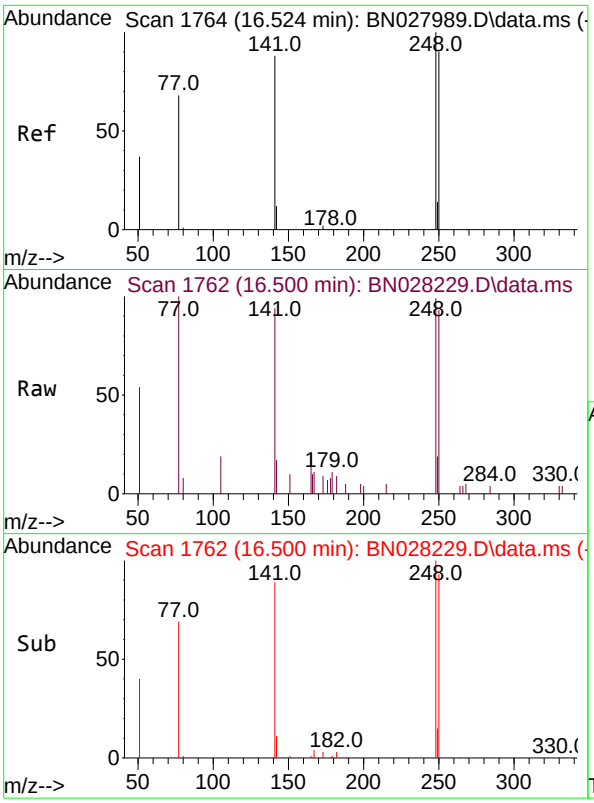


#20
4,6-Dinitro-2-methylphenol
Concen: 0.389 ng
RT: 16.785 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:198 Resp: 73

Ion	Ratio	Lower	Upper
198	100		
51	303.8	180.7	271.1#
105	329.8	222.2	333.2



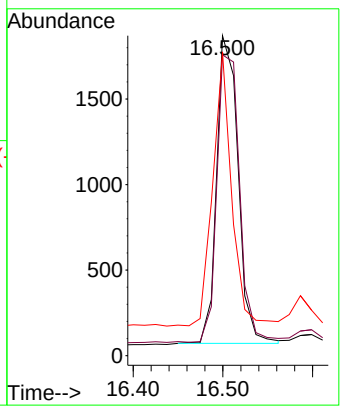


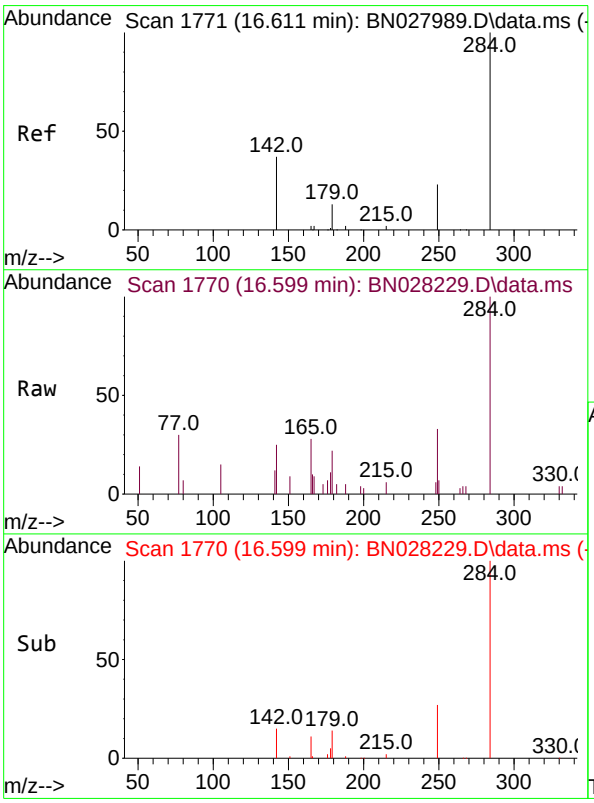
#21
4-Bromophenyl-phenylether
Concen: 0.405 ng
RT: 16.500 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2978

Ion	Ratio	Lower	Upper
248	100		
250	94.0	72.3	108.5
141	95.0	71.8	107.6

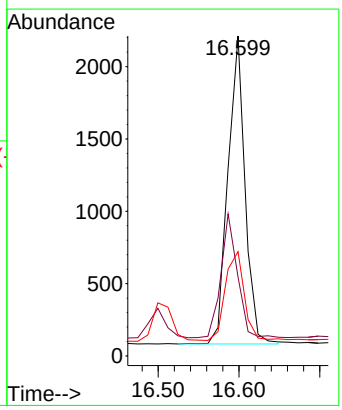


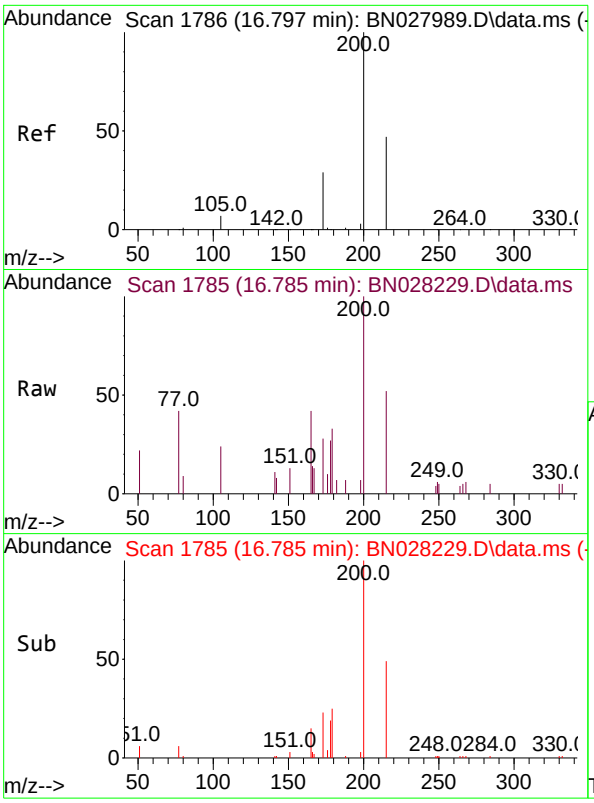


#22
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.599 min Scan# 1770
Delta R.T. 0.012 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:284 Resp: 3136

Ion	Ratio	Lower	Upper
284	100		
142	38.8	29.9	44.9
249	31.7	25.0	37.4



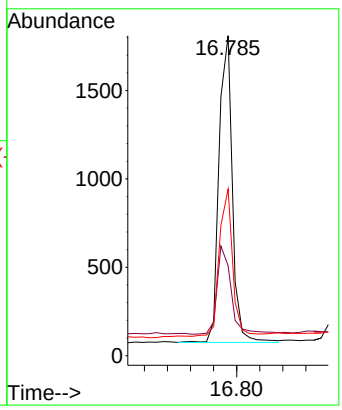


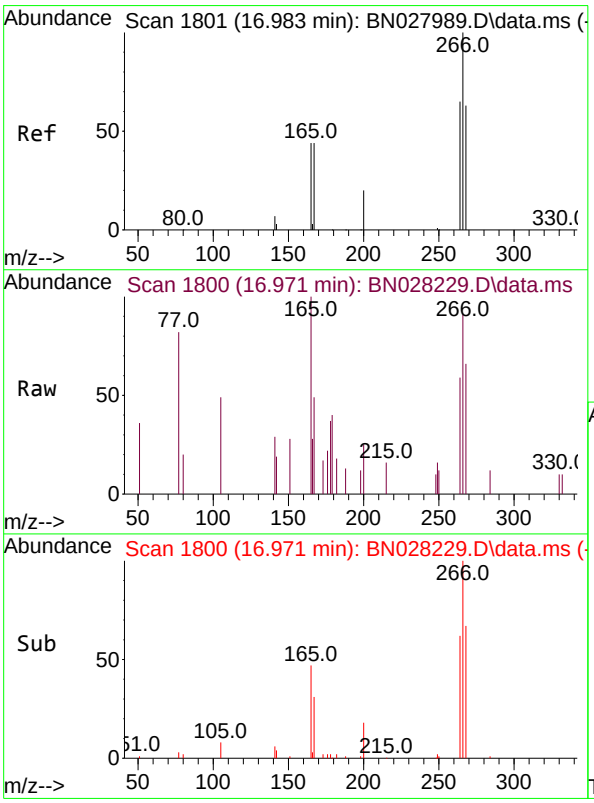
#23
Atrazine
Concen: 0.434 ng
RT: 16.785 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 2785

Ion	Ratio	Lower	Upper
200	100		
173	28.1	24.7	37.1
215	52.0	39.0	58.6

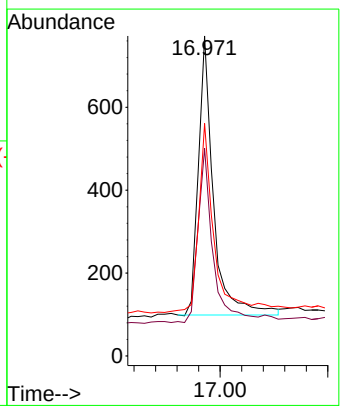


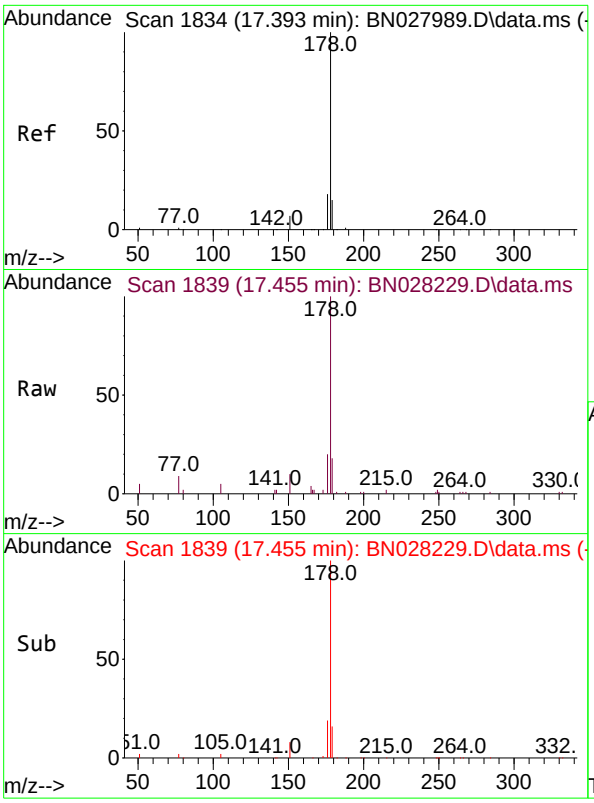


#24
Pentachlorophenol
Concen: 0.361 ng
RT: 16.971 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:266 Resp: 1310

Ion	Ratio	Lower	Upper
266	100		
264	61.8	52.7	79.1
268	68.5	56.2	84.2



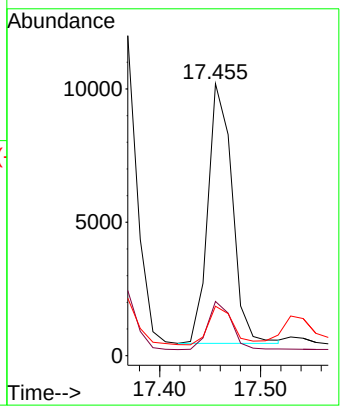


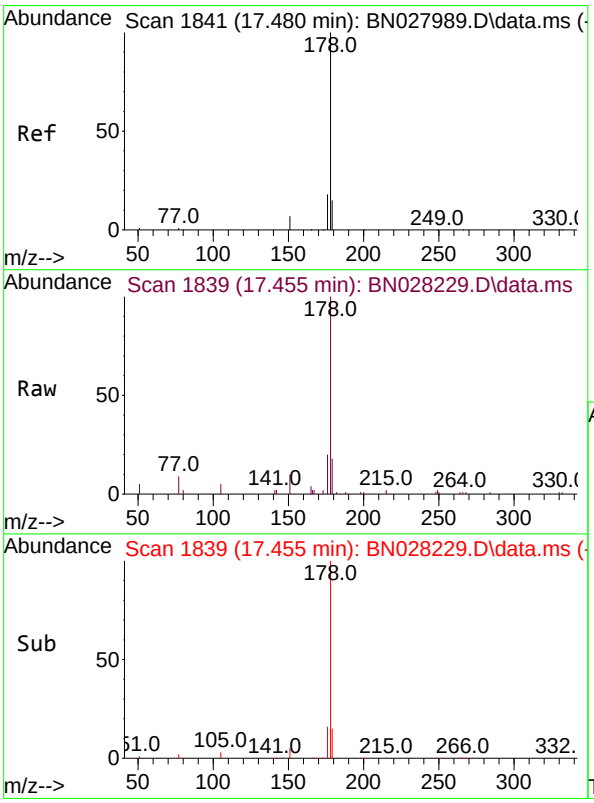
#25
Phenanthrene
Concen: 0.427 ng
RT: 17.455 min Scan# 1
Delta R.T. 0.087 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 16234

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.3	12.4	18.6

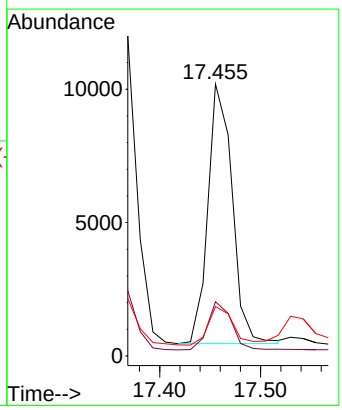


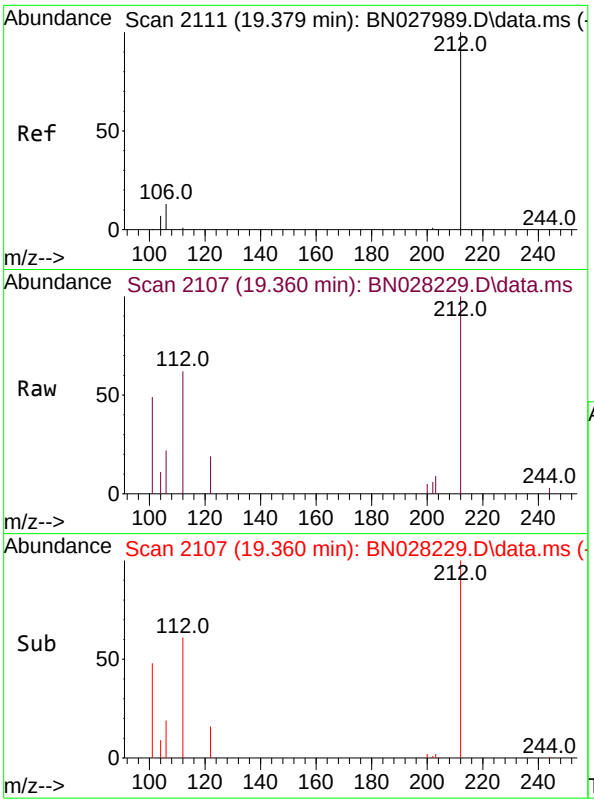


#26
Anthracene
Concen: 0.452 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:178 Resp: 16234

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.0	12.2	18.2



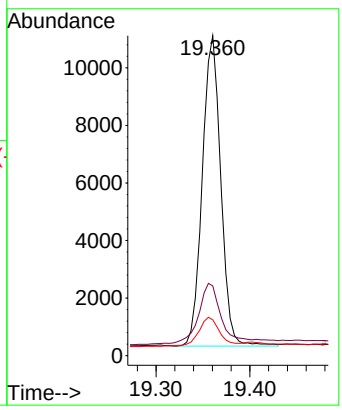


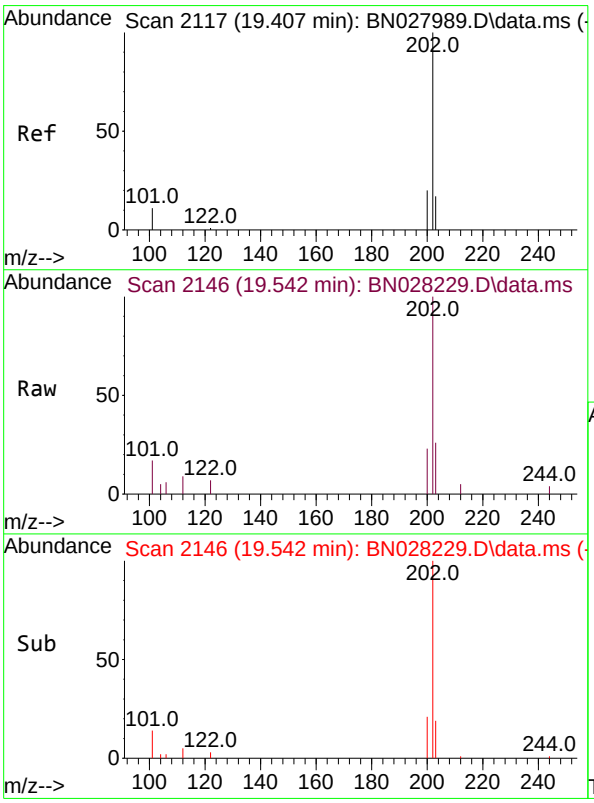
#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.360 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 14784

Ion	Ratio	Lower	Upper
212	100		
106	26.9	11.3	16.9#
104	10.8	6.4	9.6#

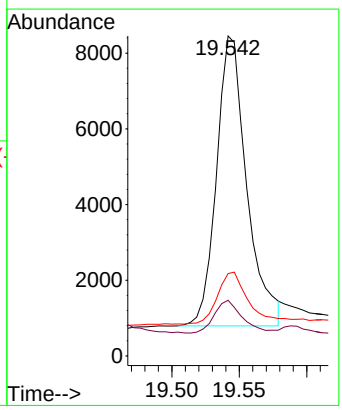


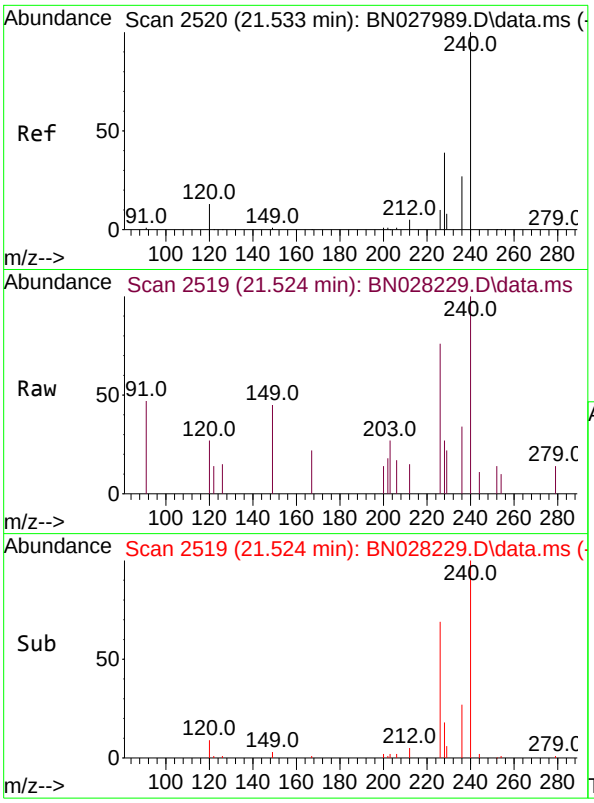


#28
Fluoranthene
Concen: 0.272 ng
RT: 19.542 min Scan# 2146
Delta R.T. 0.158 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:202 Resp: 11948

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.8	14.6
203	18.1	13.8	20.8



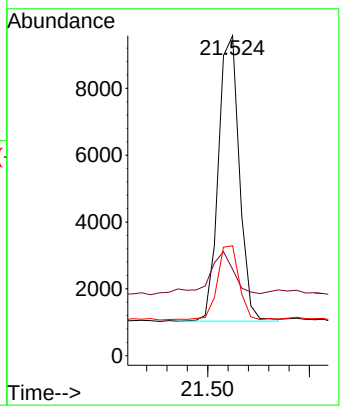


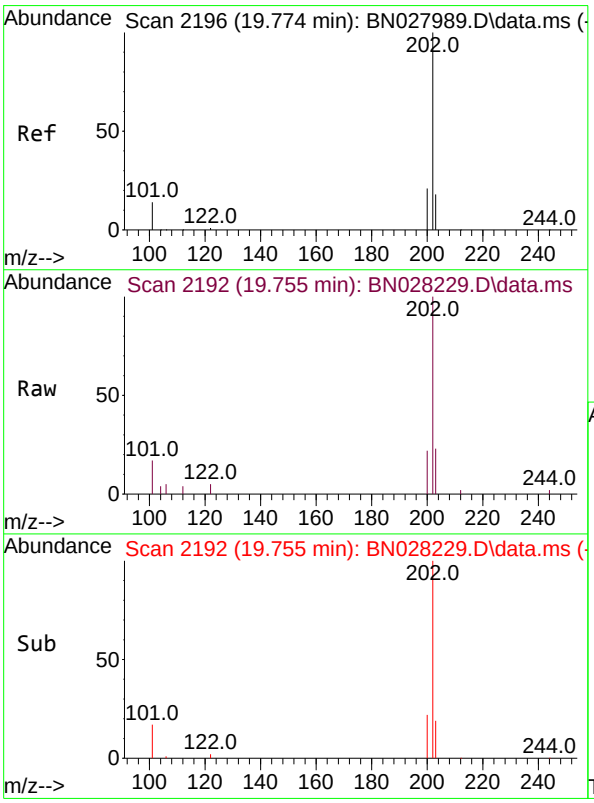
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 12244

Ion	Ratio	Lower	Upper
240	100		
120	27.0	13.8	20.6#
236	34.4	22.6	33.8#

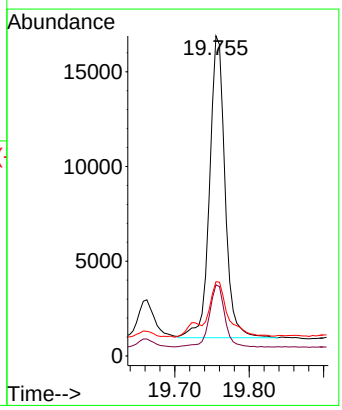


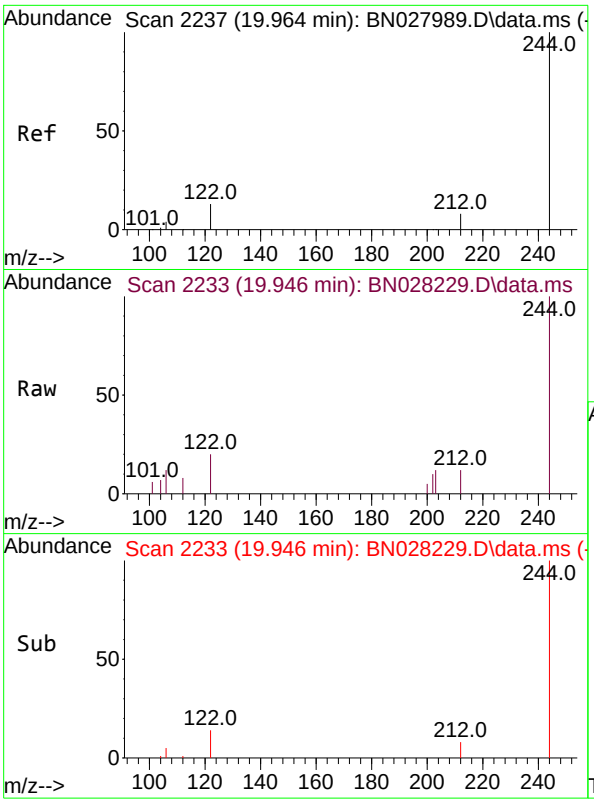


#30
Pyrene
Concen: 0.512 ng
RT: 19.755 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:202 Resp: 22977

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.5	24.7
203	21.2	14.7	22.1



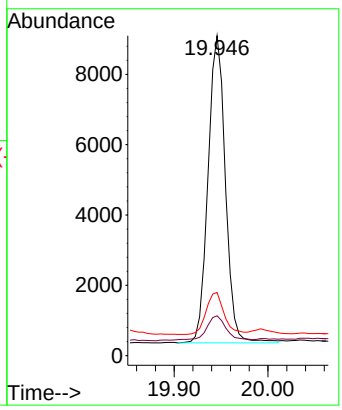


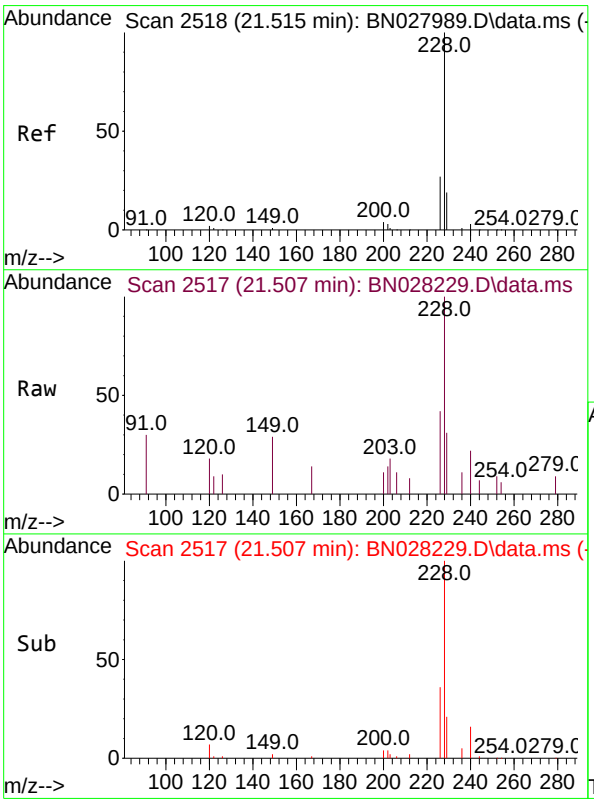
#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.946 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 11220

Ion	Ratio	Lower	Upper
244	100		
212	12.5	6.6	9.8#
122	19.7	11.4	17.0#

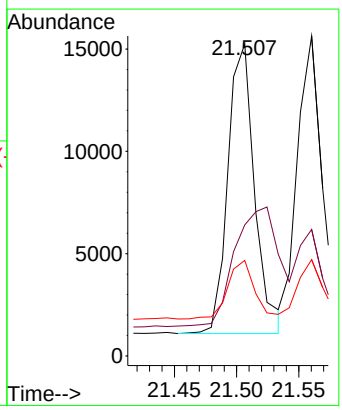


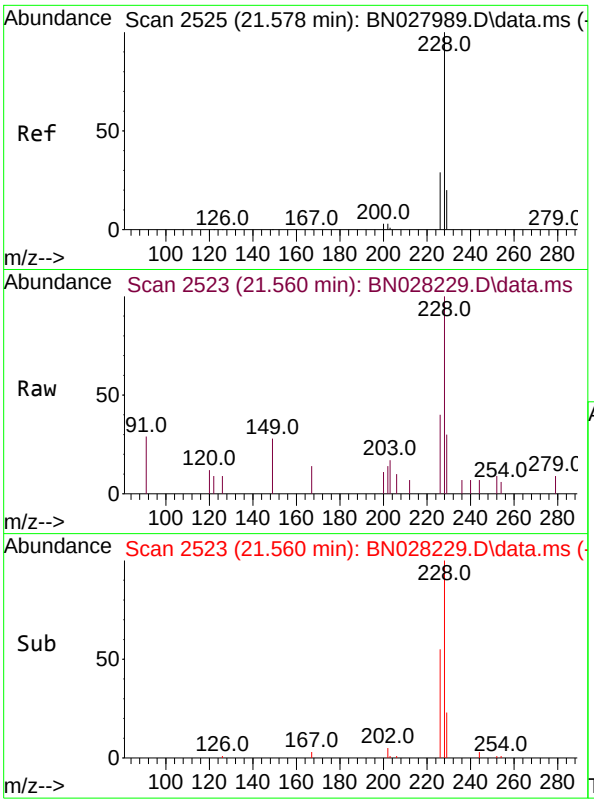


#32
Benzo(a)anthracene
Concen: 0.507 ng
RT: 21.507 min Scan# 2517
Delta R.T. 0.009 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:228 Resp: 21144

Ion	Ratio	Lower	Upper
228	100		
226	42.0	22.0	33.0#
229	30.6	16.0	24.0#



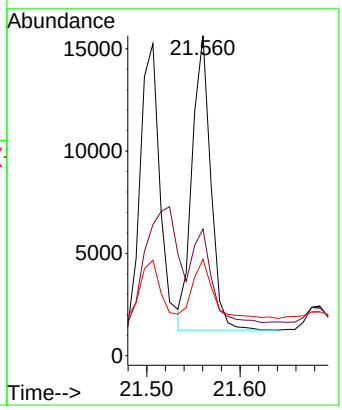


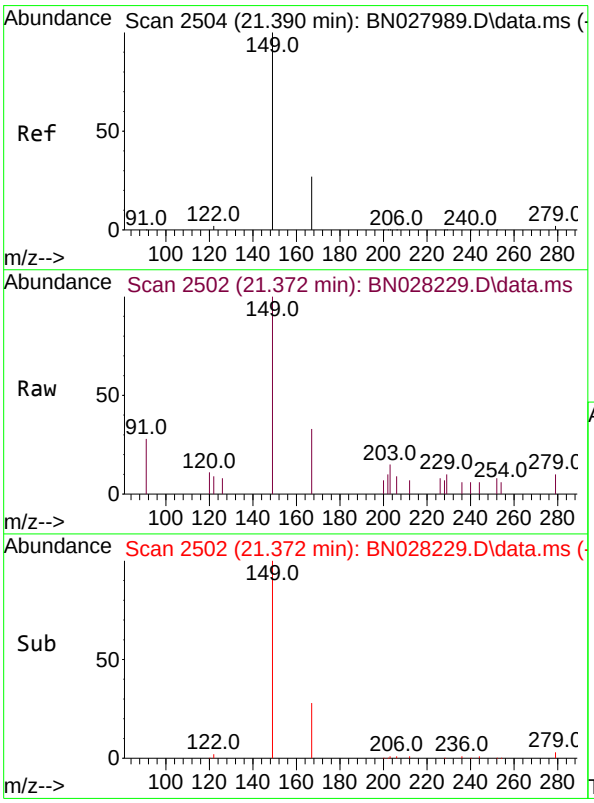
#33
Chrysene
Concen: 0.495 ng
RT: 21.560 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 19873

Ion	Ratio	Lower	Upper
228	100		
226	39.6	23.8	35.8#
229	30.1	16.6	25.0#

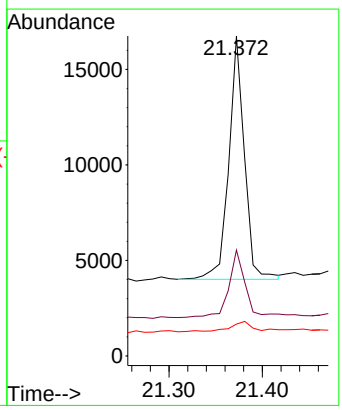


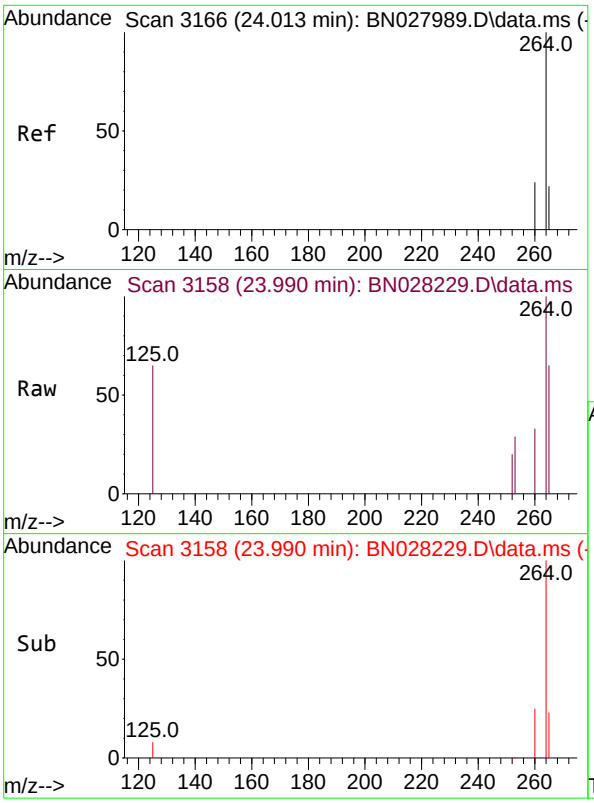


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.540 ng
RT: 21.372 min Scan# 2502
Delta R.T. 0.009 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:149 Resp: 14793

Ion	Ratio	Lower	Upper
149	100		
167	30.1	22.1	33.1
279	6.8	3.4	5.0#



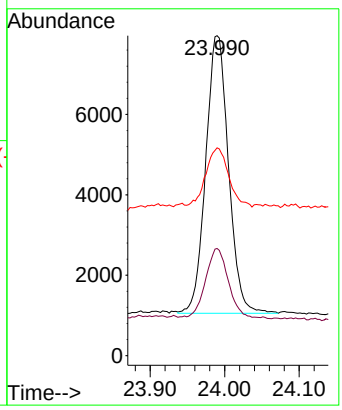


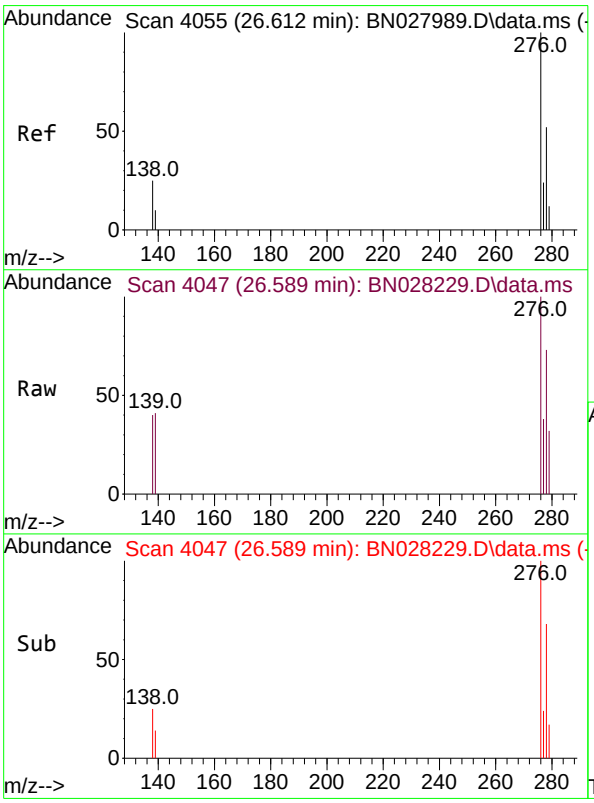
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.990 min Scan# 3
Delta R.T. 0.015 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 14645

Ion	Ratio	Lower	Upper
264	100		
260	33.5	20.2	30.4#
265	65.0	54.8	82.2

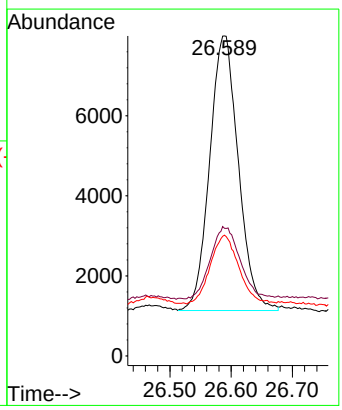


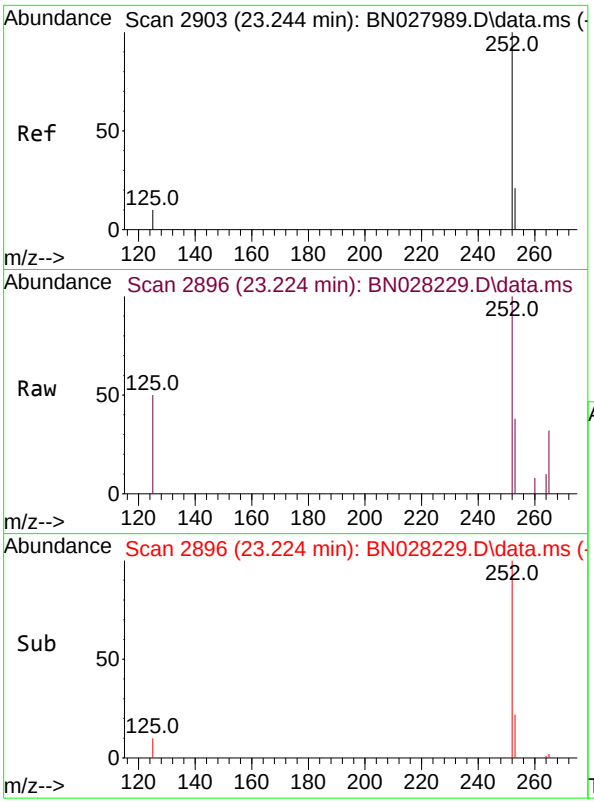


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.453 ng
RT: 26.589 min Scan# 4047
Delta R.T. 0.032 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:276 Resp: 22339

Ion	Ratio	Lower	Upper
276	100		
138	27.0	20.9	31.3
277	24.9	19.8	29.6



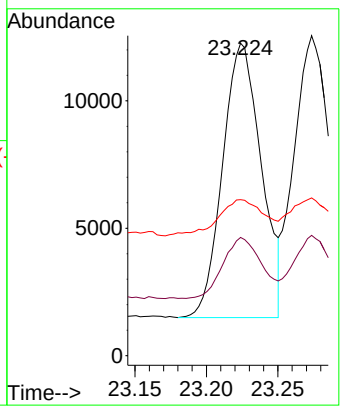


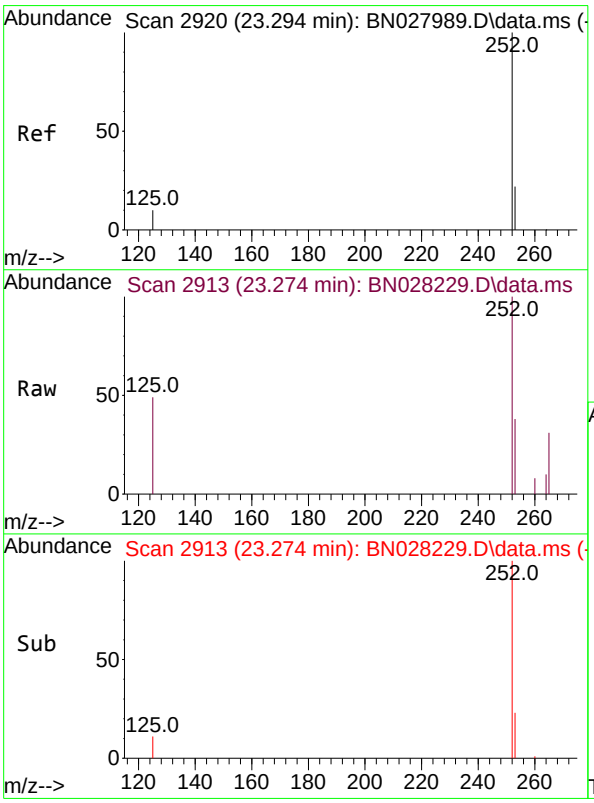
#37
Benzo(b)fluoranthene
Concen: 0.430 ng
RT: 23.224 min Scan# 2
Delta R.T. 0.012 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 20328

Ion	Ratio	Lower	Upper
252	100		
253	37.9	22.9	34.3#
125	49.9	13.8	20.8#

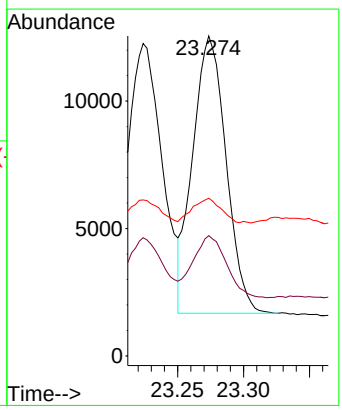


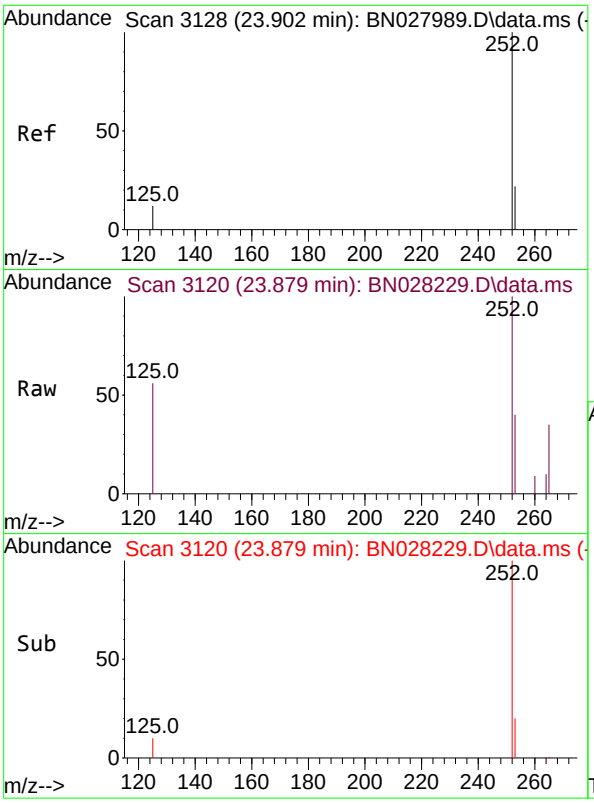


#38
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 23.274 min Scan# 2913
Delta R.T. 0.012 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:252 Resp: 19185

Ion	Ratio	Lower	Upper
252	100		
253	37.6	23.1	34.7#
125	49.3	13.8	20.8#



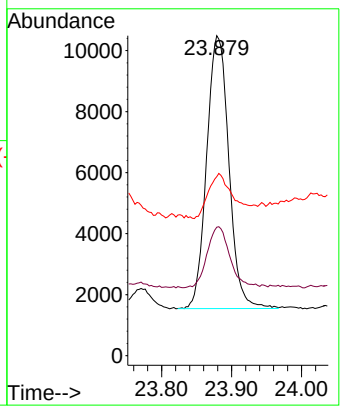


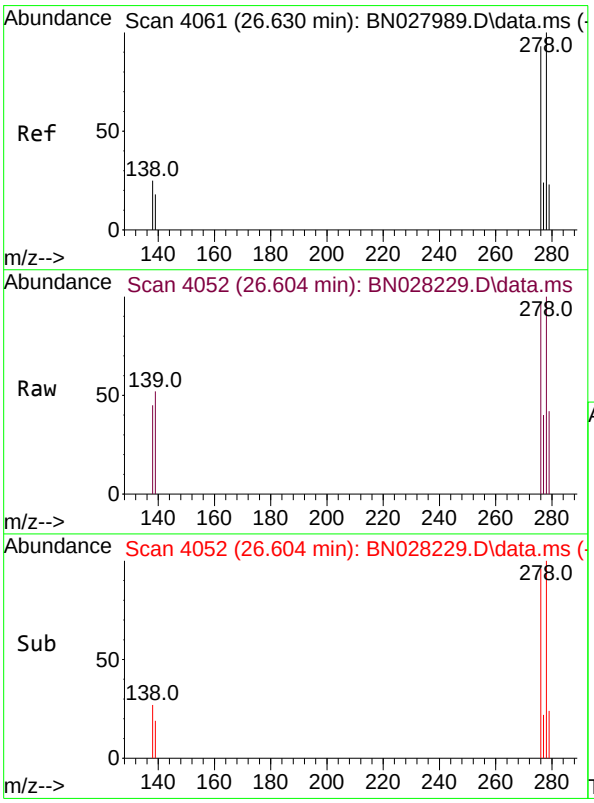
#39
Benzo(a)pyrene
Concen: 0.442 ng
RT: 23.879 min Scan# 3
Delta R.T. 0.015 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 19772

Ion	Ratio	Lower	Upper
252	100		
253	40.1	25.0	37.4#
125	56.0	16.6	24.8#

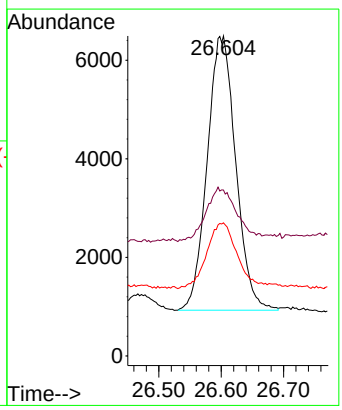


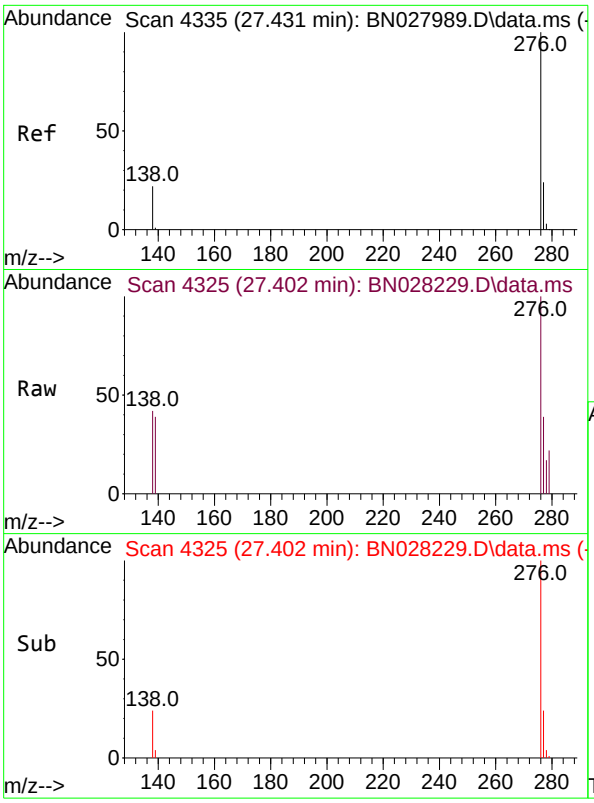


#40
Dibenzo(a,h)anthracene
Concen: 0.440 ng
RT: 26.604 min Scan# 4052
Delta R.T. 0.026 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Tgt Ion:278 Resp: 17736

Ion	Ratio	Lower	Upper
278	100		
139	51.9	17.7	26.5#
279	41.6	25.2	37.8#





#41
Benzo(g,h,i)perylene
Concen: 0.452 ng
RT: 27.402 min Scan# 4
Delta R.T. 0.035 min
Lab File: BN028229.D
Acq: 11 Oct 2023 11:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 18712

Ion	Ratio	Lower	Upper
276	100		
277	39.4	22.1	33.1#
138	41.7	20.8	31.2#