Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019287.D
Acq On : 01 Apr 2022 14:55
Operator : CG/JU
Sample : N2220-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Quant Time: Apr 01 16:42:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4733	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	13755	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	8420	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	16953	0.400	ng	# 0.00
29) Chrysene-d12	21.404	240	12267	0.400	ng	# 0.00
35) Perylene-d12	23.764	264	10905	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	3495	0.338	ng	0.00
5) Phenol-d6	6.995	99	3865	0.352	ng	0.00
8) Nitrobenzene-d5	8.993	82	2682	0.272	ng	0.00
11) 2-Methylnaphthalene-d10	12.227	152	7560	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	1102	0.280	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	10202	0.302	ng	-0.01
27) Fluoranthene-d10	19.244	212	17858	0.351	ng	0.00
31) Terphenyl-d14	19.843	244	9508	0.348	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	1593	0.253	ng	# 69
3) n-Nitrosodimethylamine	3.550	42	2864	0.436	ng	# 92
6) bis(2-Chloroethyl)ether	7.248	93	5459	0.417	ng	98
9) Naphthalene	10.680	128	16923	0.424	ng	99
10) Hexachlorobutadiene	10.979	225	3334	0.358	ng	# 100
12) 2-Methylnaphthalene	12.303	142	11420	0.444	ng	100
16) Acenaphthylene	14.185	152	16463	0.425	ng	100
17) Acenaphthene	14.538	154	10929	0.396	ng	98
18) Fluorene	15.521	166	13742	0.398	ng	99
20) 4,6-Dinitro-2-methylph...	15.607	198	654	0.316	ng	# 76
21) 4-Bromophenyl-phenylether	16.405	248	4365	0.401	ng	# 88
22) Hexachlorobenzene	16.528	284	5488	0.388	ng	99
23) Atrazine	16.672	200	3053	0.409	ng	97
24) Pentachlorophenol	16.877	266	1600	0.393	ng	99
25) Phenanthrene	17.256	178	31359	0.588	ng	99
26) Anthracene	17.349	178	19677	0.446	ng	97
28) Fluoranthene	19.274	202	40544	0.637	ng	99
30) Pyrene	19.636	202	40723	0.672	ng	100
32) Benzo(a)anthracene	21.386	228	22548	0.587	ng	99
33) Chrysene	21.440	228	23619	0.481	ng	99
34) Bis(2-ethylhexyl)phtha...	21.315	149	16441	0.640	ng	100
36) Indeno(1,2,3-cd)pyrene	26.202	276	17815	0.400	ng	93
37) Benzo(b)fluoranthene	23.045	252	21149	0.522	ng	# 93
38) Benzo(k)fluoranthene	23.092	252	18819	0.431	ng	# 91
39) Benzo(a)pyrene	23.659	252	18975	0.516	ng	# 92
40) Dibenzo(a,h)anthracene	26.214	278	13787	0.424	ng	# 91
41) Benzo(g,h,i)perylene	26.942	276	19699	0.433	ng	99

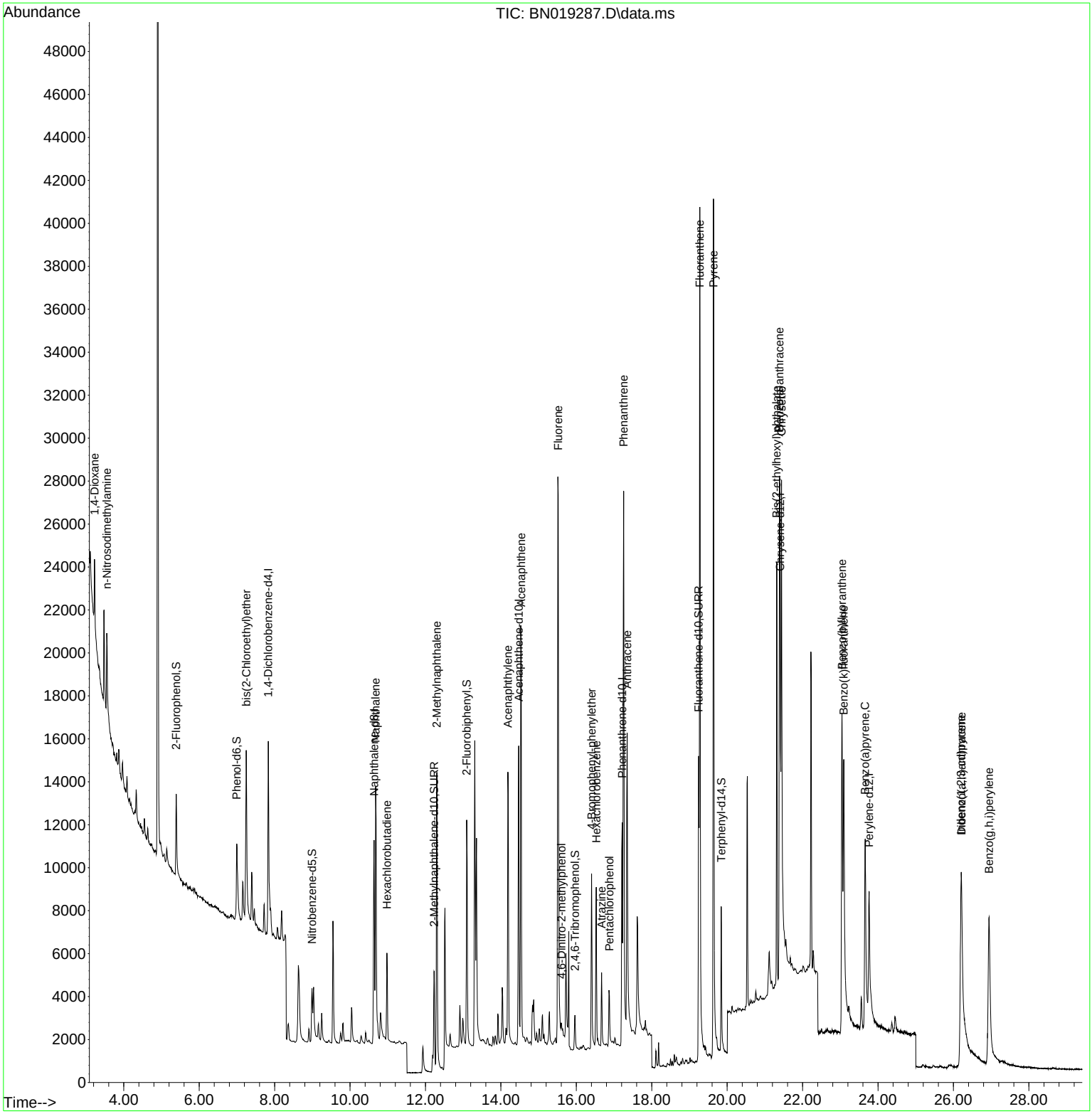
(#) = qualifier out of range (m) = manual integration (+) = signals summed

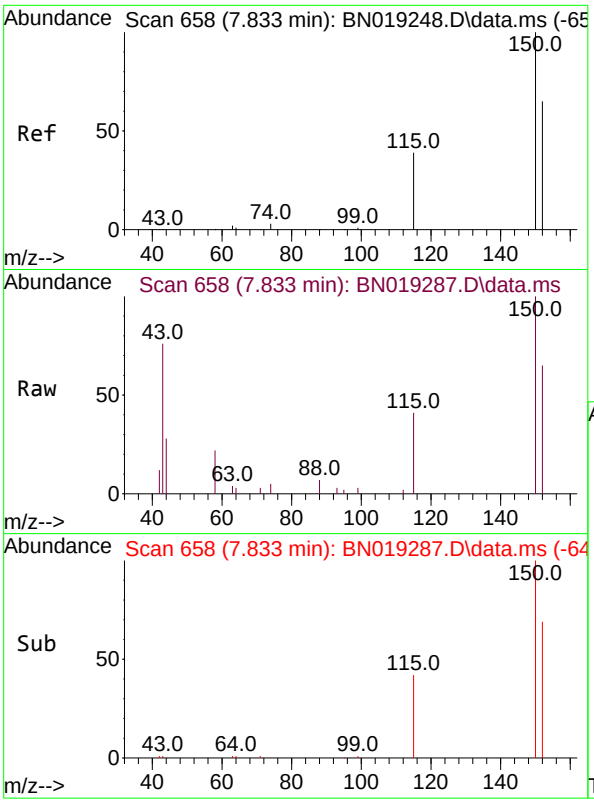
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019287.D
Acq On : 01 Apr 2022 14:55
Operator : CG/JU
Sample : N2220-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Quant Time: Apr 01 16:42:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration



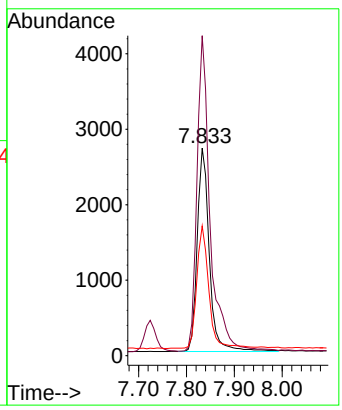


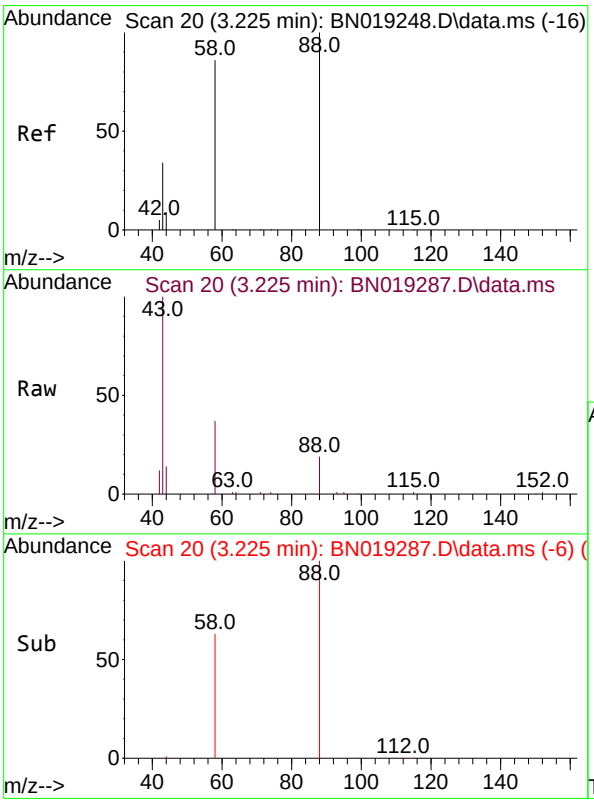
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:152 Resp: 4733

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.9	185.9
115	62.5	48.2	72.4

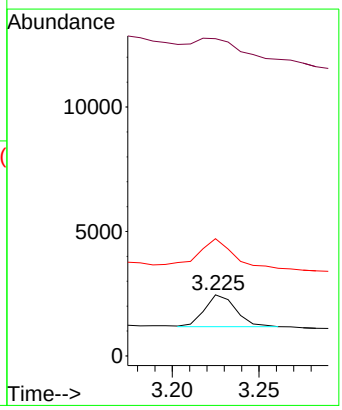


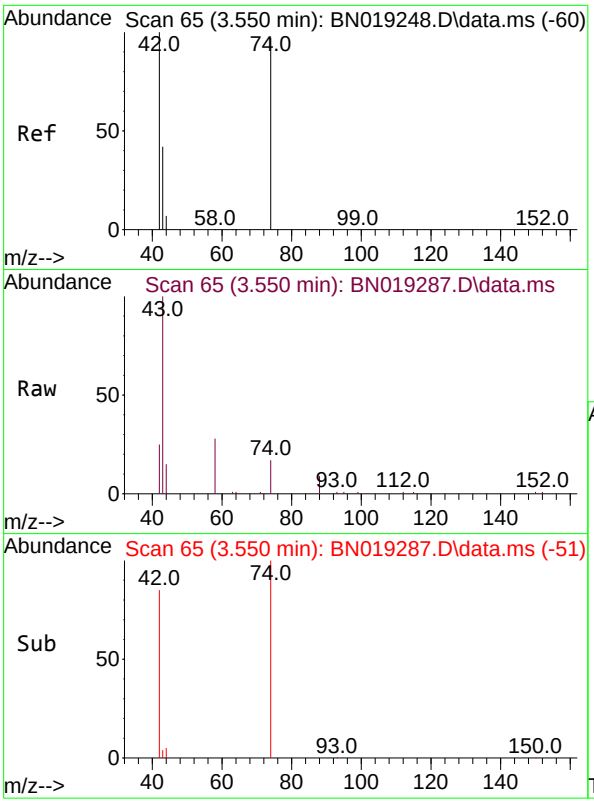


#2
1,4-Dioxane
Concen: 0.253 ng
RT: 3.225 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion: 88 Resp: 1593

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.6	37.0#
58	101.4	65.4	98.2#



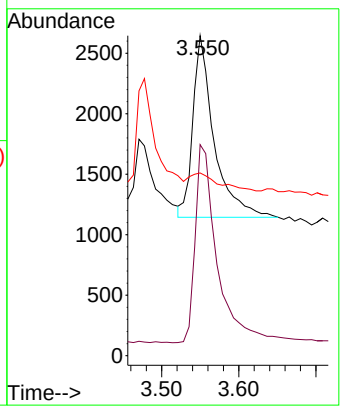


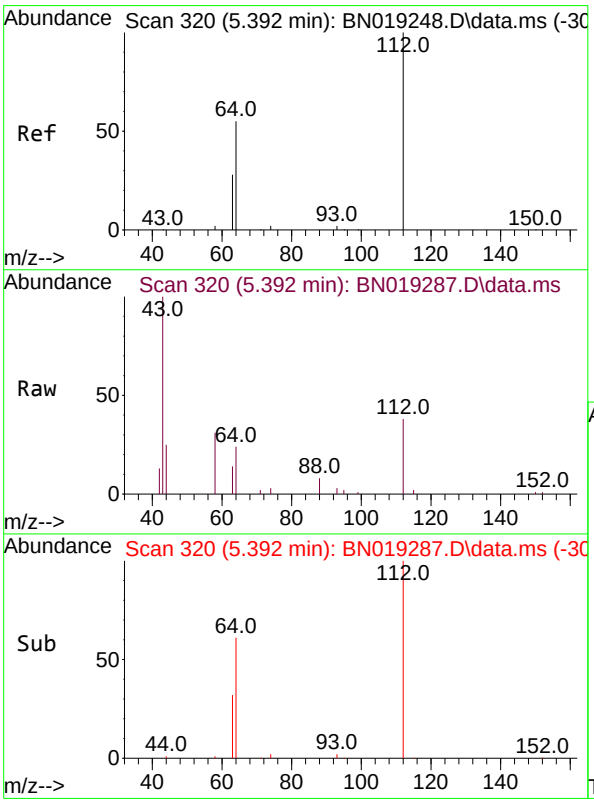
#3
n-Nitrosodimethylamine
Concen: 0.436 ng
RT: 3.550 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion: 42 Resp: 2864

Ion	Ratio	Lower	Upper
42	100		
74	112.5	96.9	145.3
44	13.2	7.3	10.9#

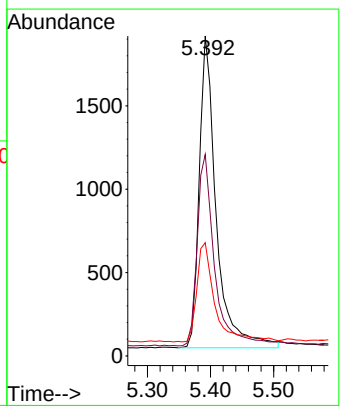


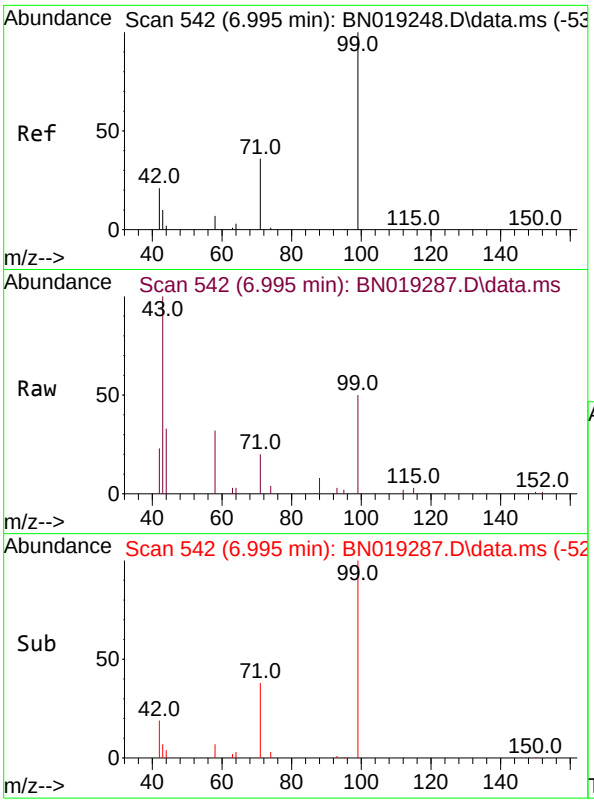


#4
2-Fluorophenol
Concen: 0.338 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:112 Resp: 3495

Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.8	71.8
63	33.9	25.7	38.5



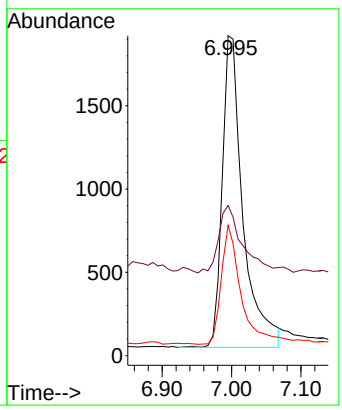


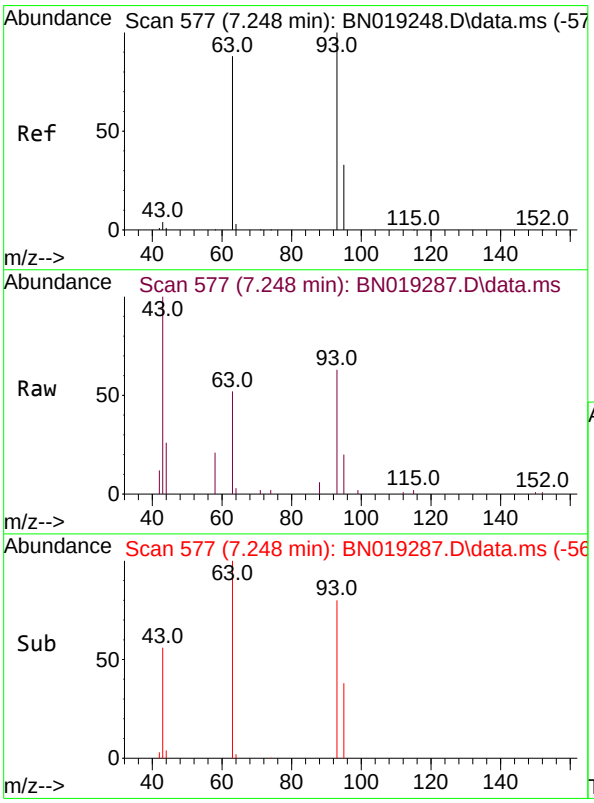
#5
Phenol-d6
Concen: 0.352 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion: 99 Resp: 3865

Ion	Ratio	Lower	Upper
99	100		
42	24.6	16.2	24.4#
71	36.1	27.7	41.5

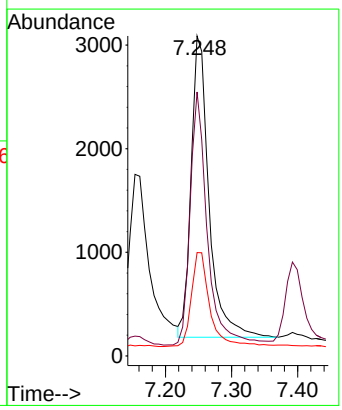


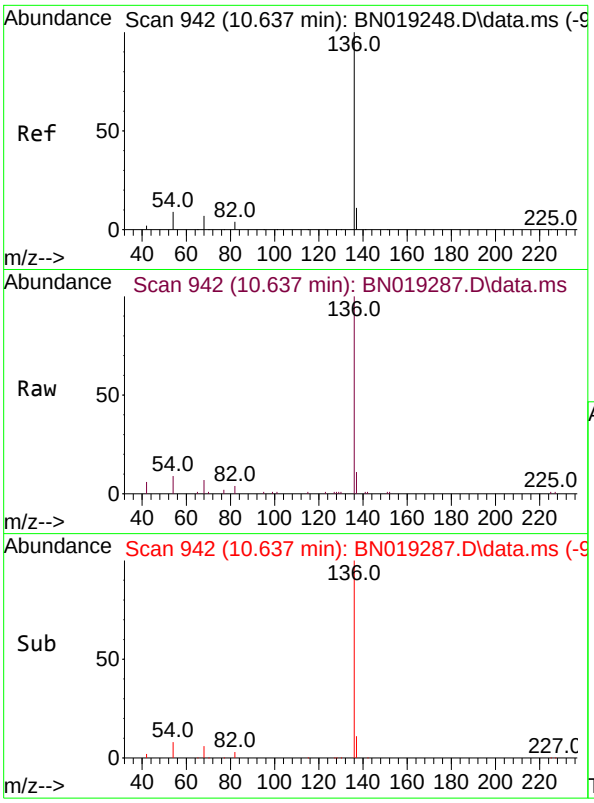


#6
bis(2-Chloroethyl)ether
Concen: 0.417 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion: 93 Resp: 5459

Ion	Ratio	Lower	Upper
93	100		
63	81.2	62.8	94.2
95	32.4	26.2	39.4



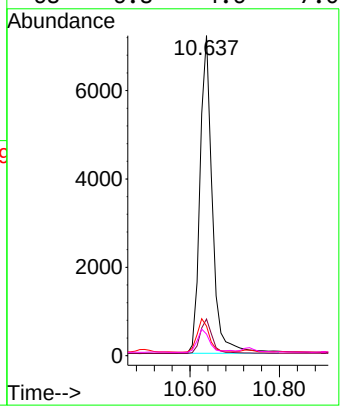


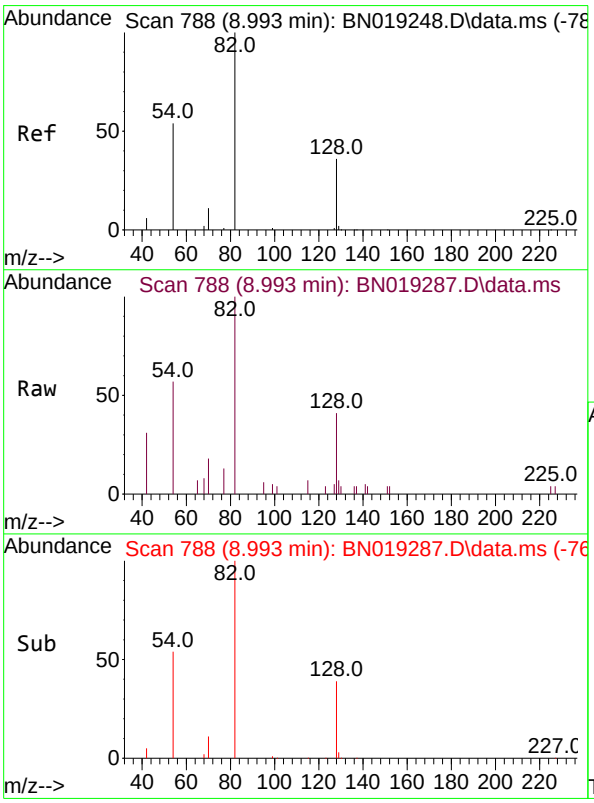
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:136 Resp: 13755

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.2	5.8	8.6#
68	6.8	4.6	7.0

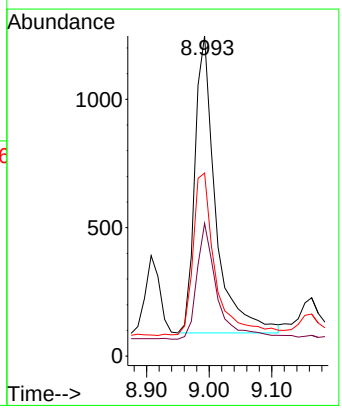


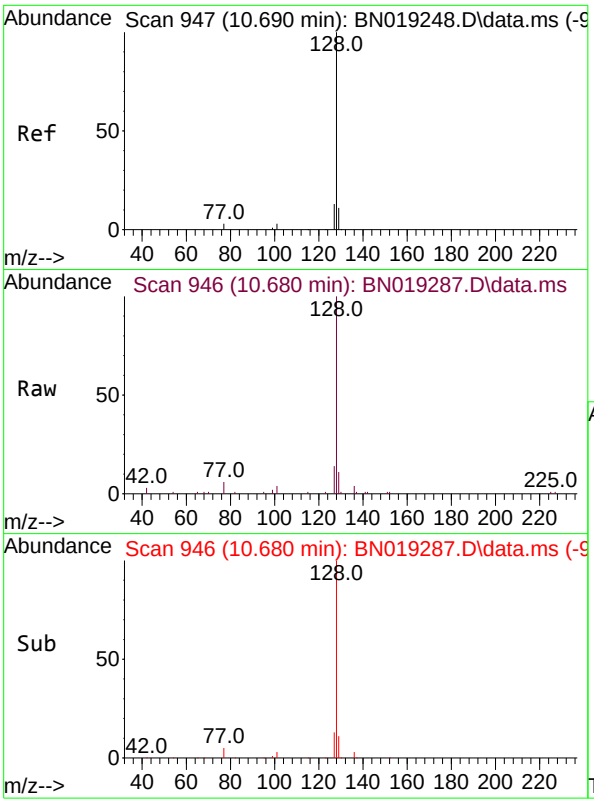


#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion: 82 Resp: 2682

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.0	49.6
54	57.2	42.5	63.7



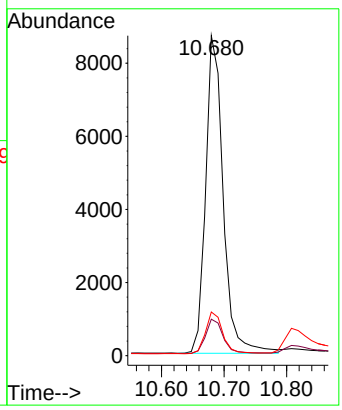


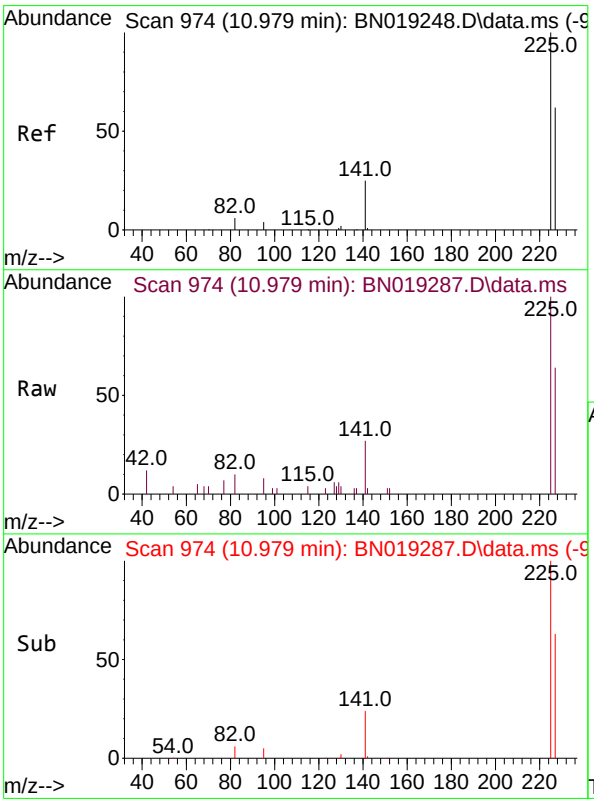
#9
Naphthalene
Concen: 0.424 ng
RT: 10.680 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:128 Resp: 16923

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.7	10.7	16.1

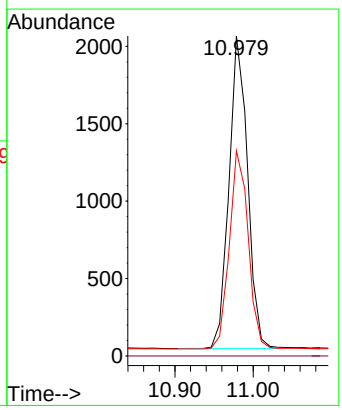


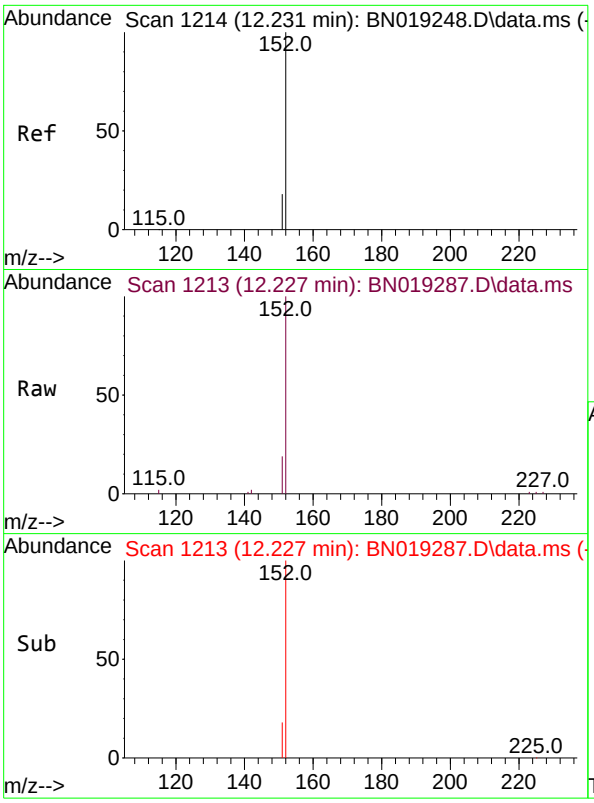


#10
Hexachlorobutadiene
Concen: 0.358 ng
RT: 10.979 min Scan# 974
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:225 Resp: 3334

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.0	76.6



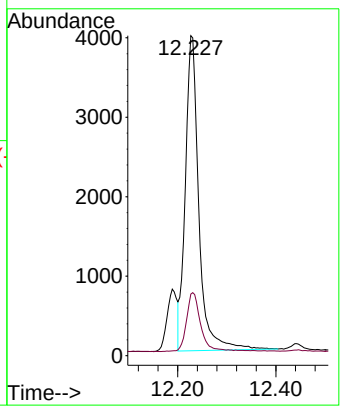


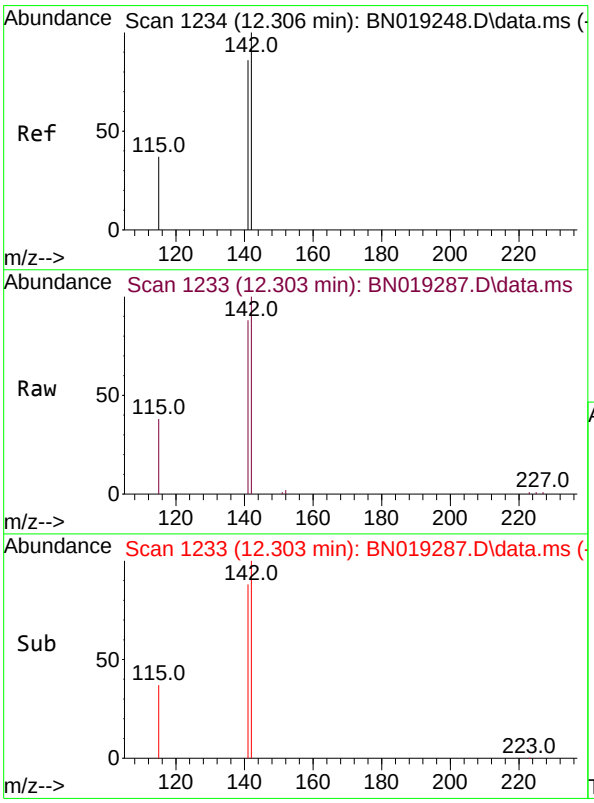
#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:152 Resp: 7560

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.5	24.7

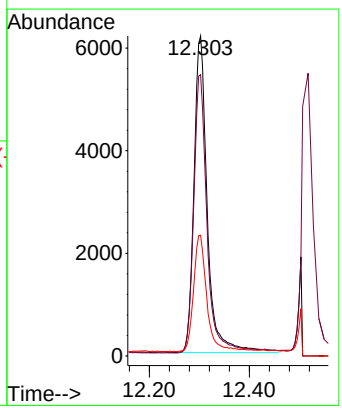


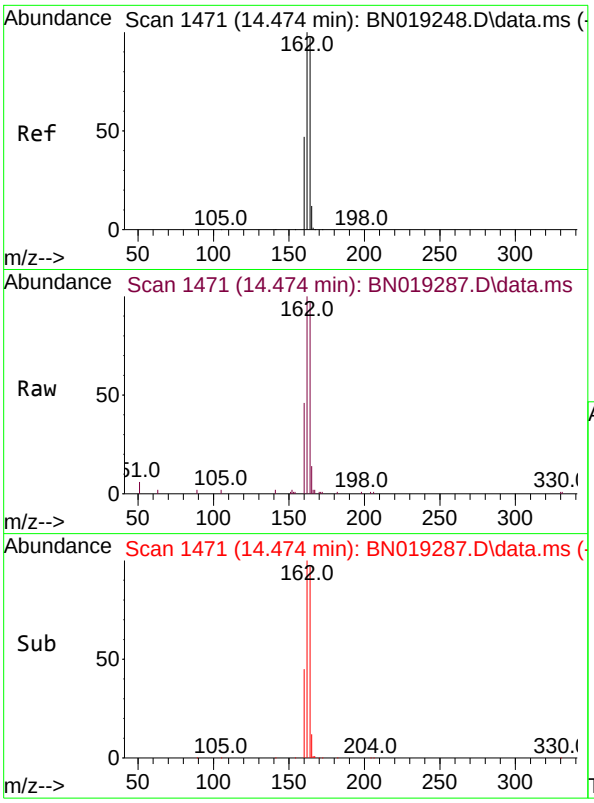


#12
2-Methylnaphthalene
Concen: 0.444 ng
RT: 12.303 min Scan# 1233
Delta R.T. -0.004 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:142 Resp: 11420

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.0	105.0
115	37.7	29.8	44.8



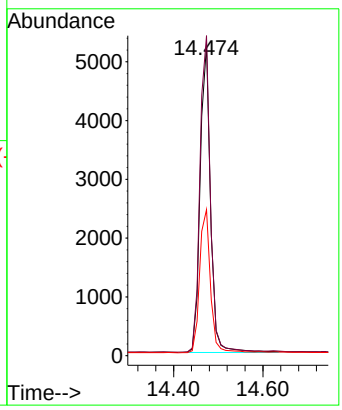


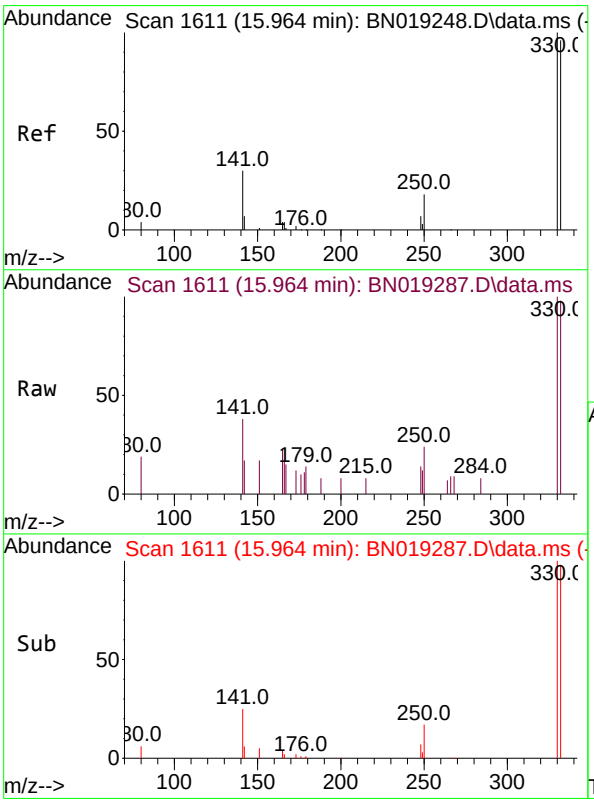
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:164 Resp: 8420

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.2	127.8
160	47.1	41.5	62.3

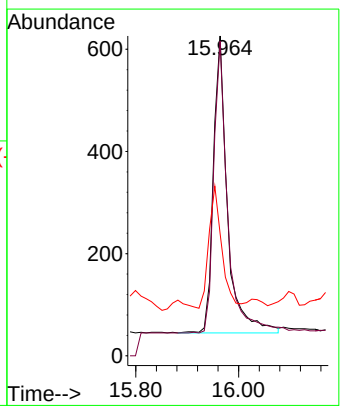


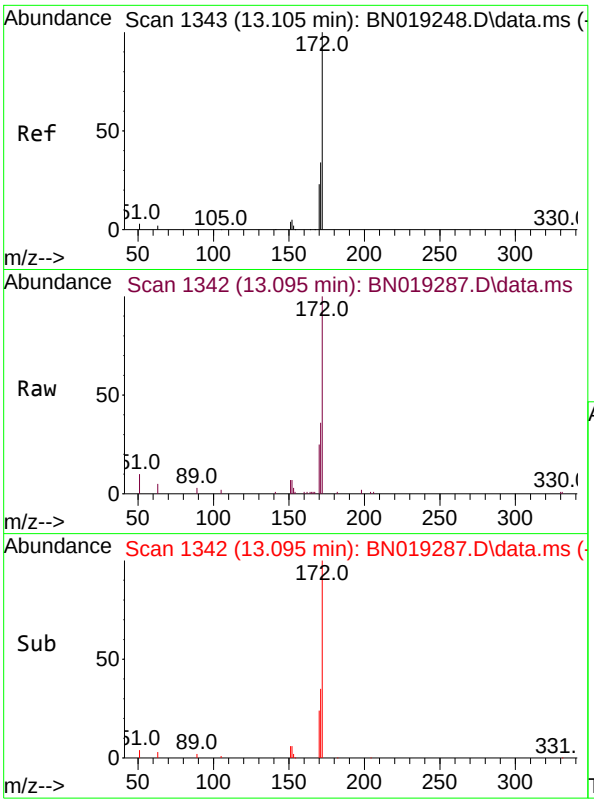


#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:330 Resp: 1102

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	36.7	32.2	48.2



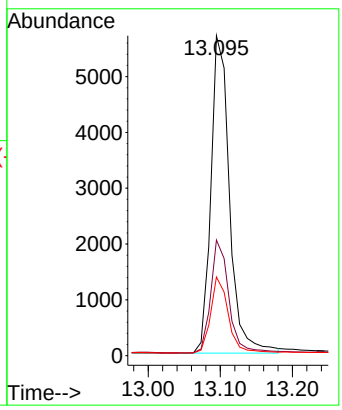


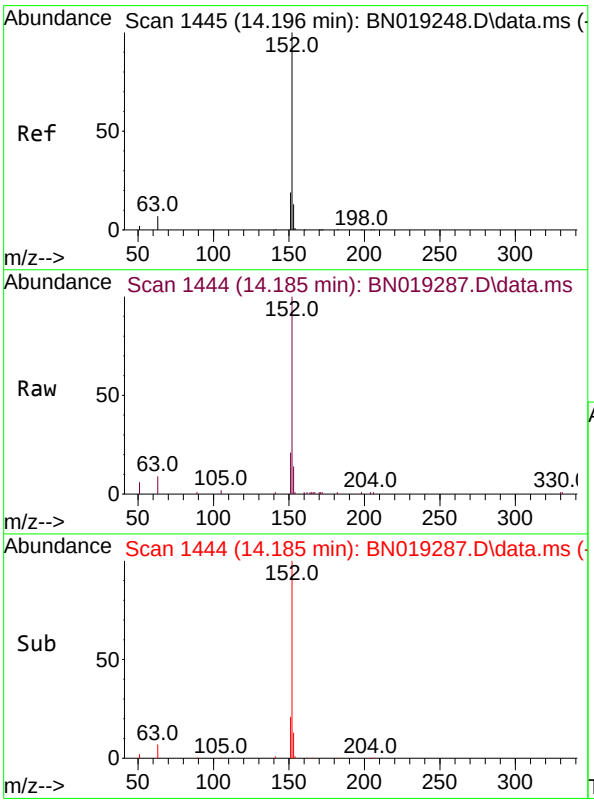
#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:172 Resp: 10202

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.2
170	24.6	18.7	28.1

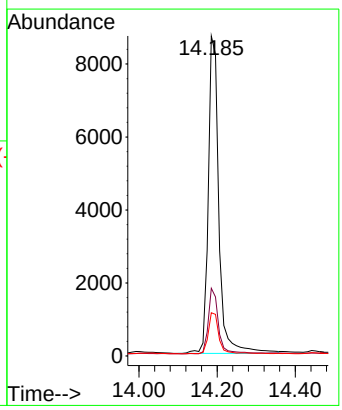


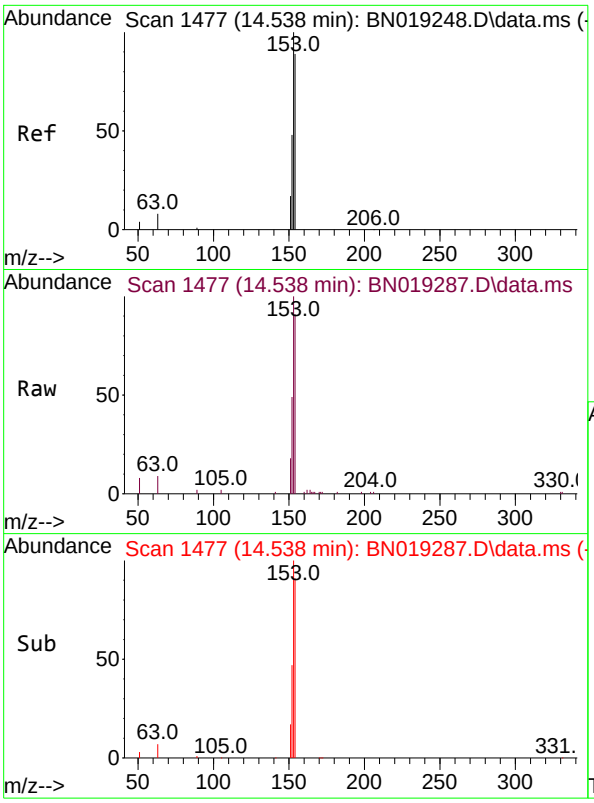


#16
Acenaphthylene
Concen: 0.425 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.011 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:152 Resp: 16463

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.1	10.6	15.8



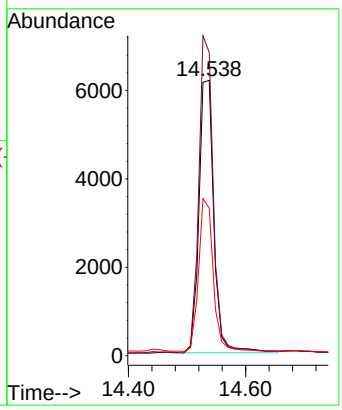


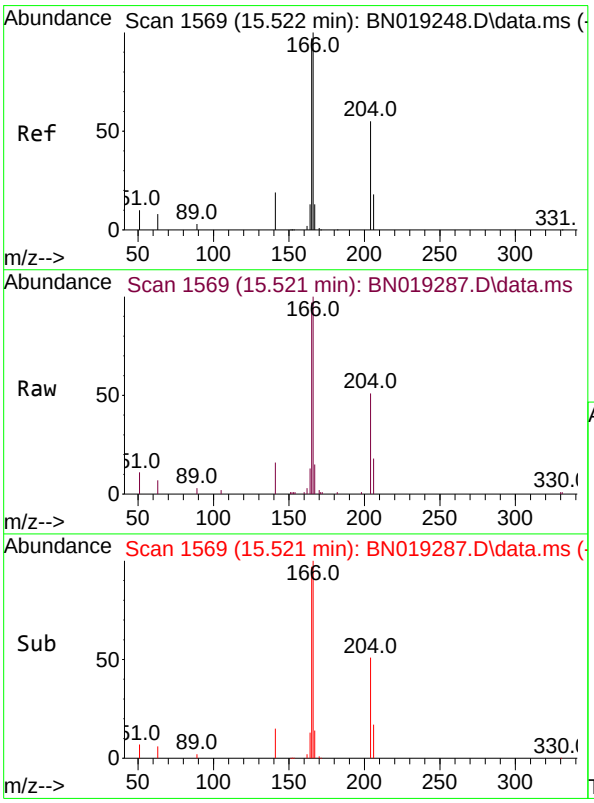
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:154 Resp: 10929

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.7	134.5
152	54.7	44.7	67.1

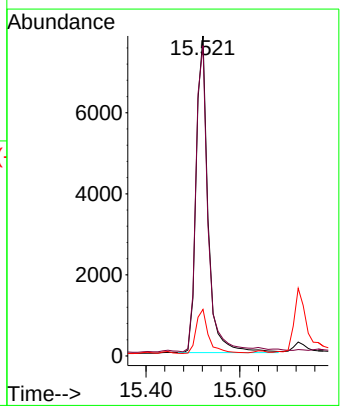


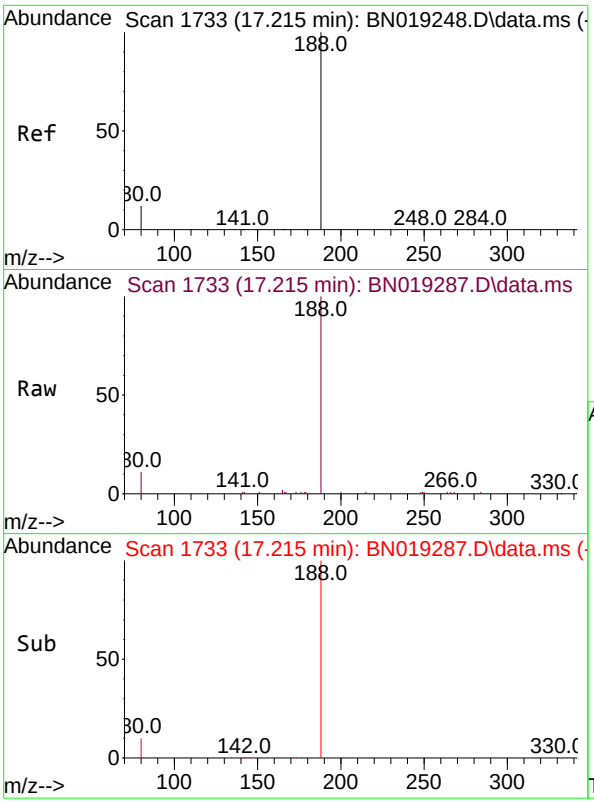


#18
Fluorene
Concen: 0.398 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:166 Resp: 13742

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.2	118.8
167	14.7	10.7	16.1



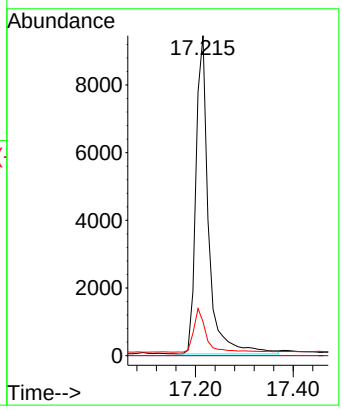


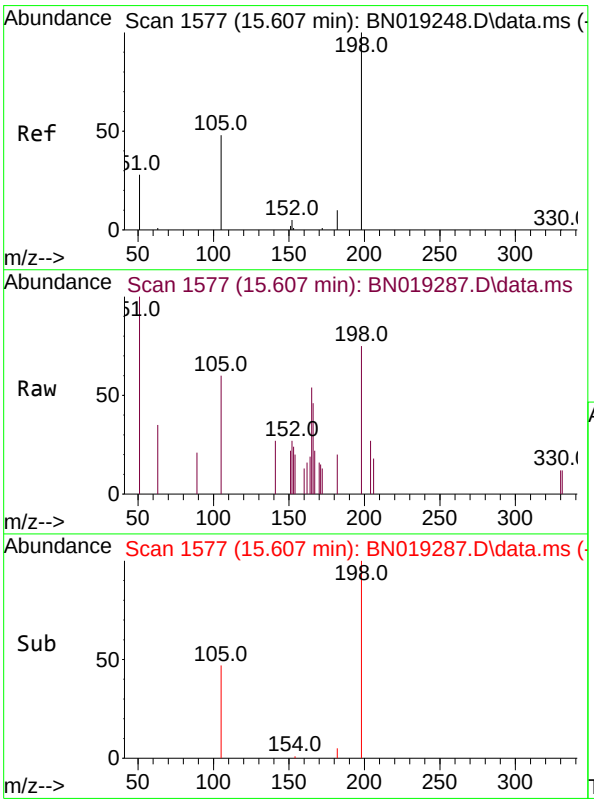
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:188 Resp: 16953

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	11.8	17.8#

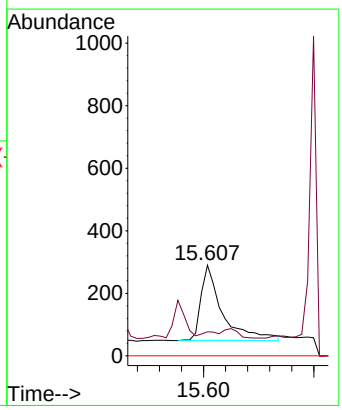


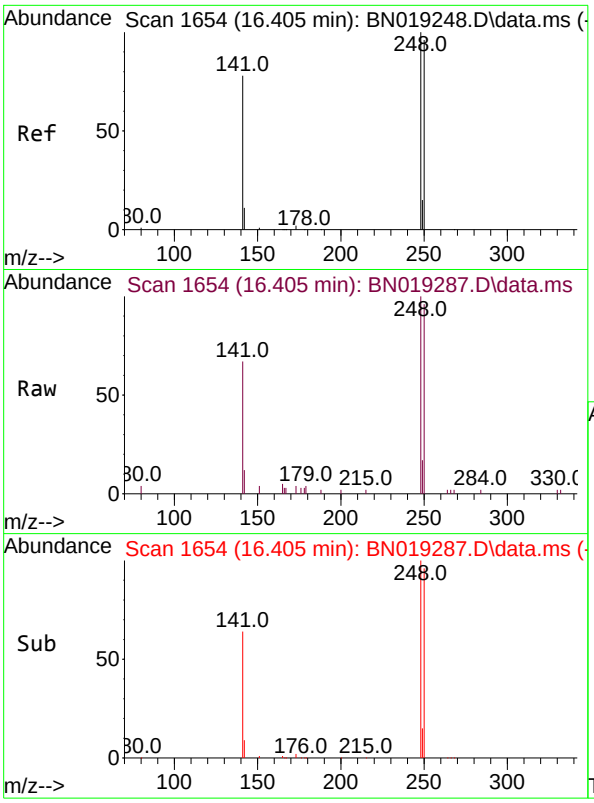


#20
4,6-Dinitro-2-methylphenol
Concen: 0.316 ng
RT: 15.607 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:198 Resp: 654

Ion	Ratio	Lower	Upper
198	100		
182	26.6	13.0	19.4#
77	0.0	0.0	0.0



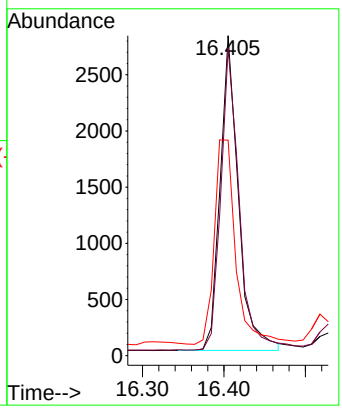


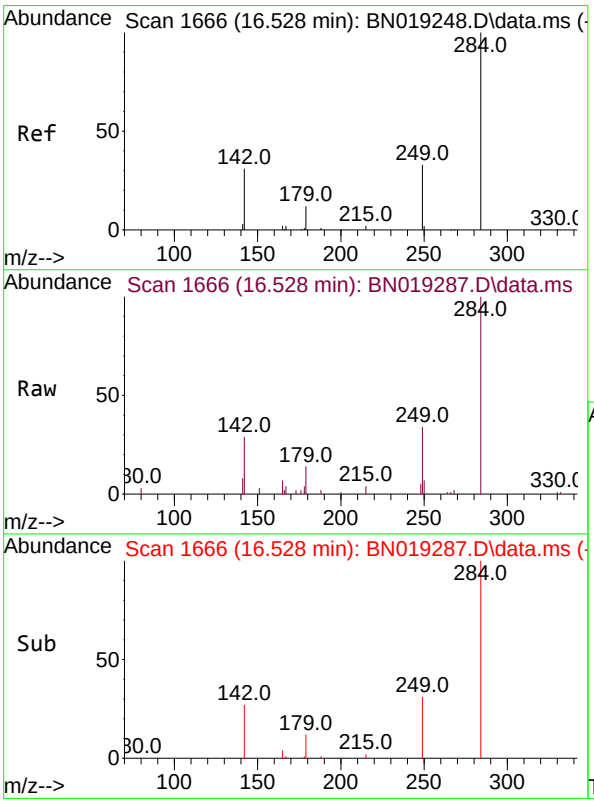
#21
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:248 Resp: 4365

Ion	Ratio	Lower	Upper
248	100		
250	96.1	80.7	121.1
141	67.3	39.6	59.4#

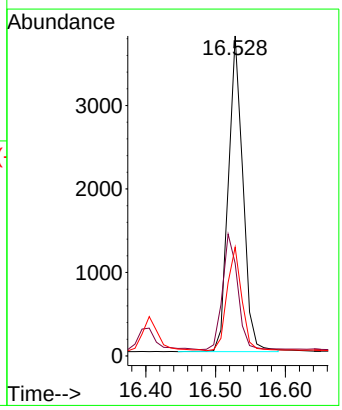


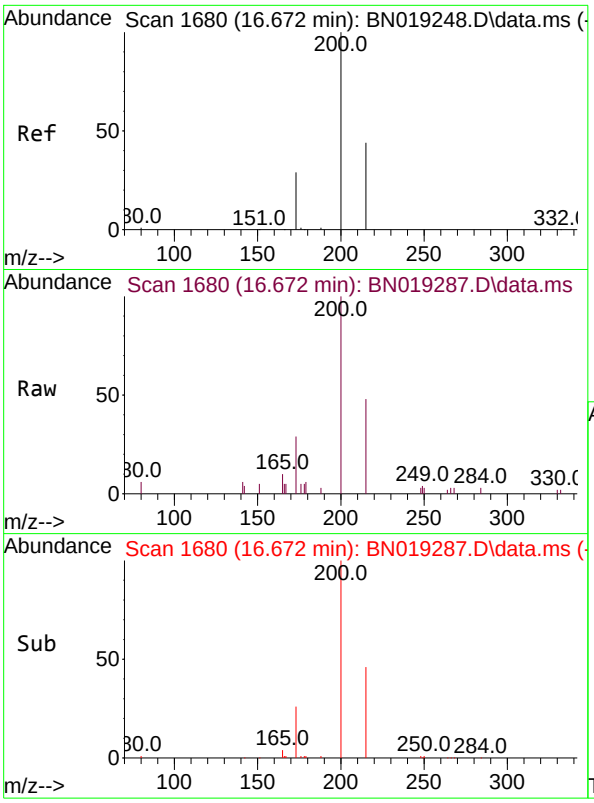


#22
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:284 Resp: 5488

Ion	Ratio	Lower	Upper
284	100		
142	37.9	29.8	44.8
249	33.2	26.2	39.2



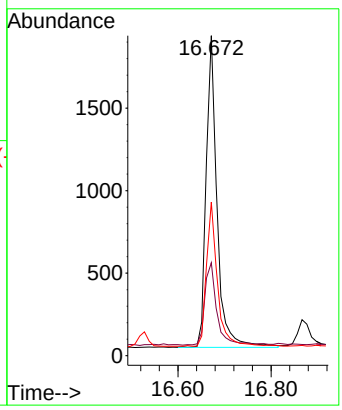


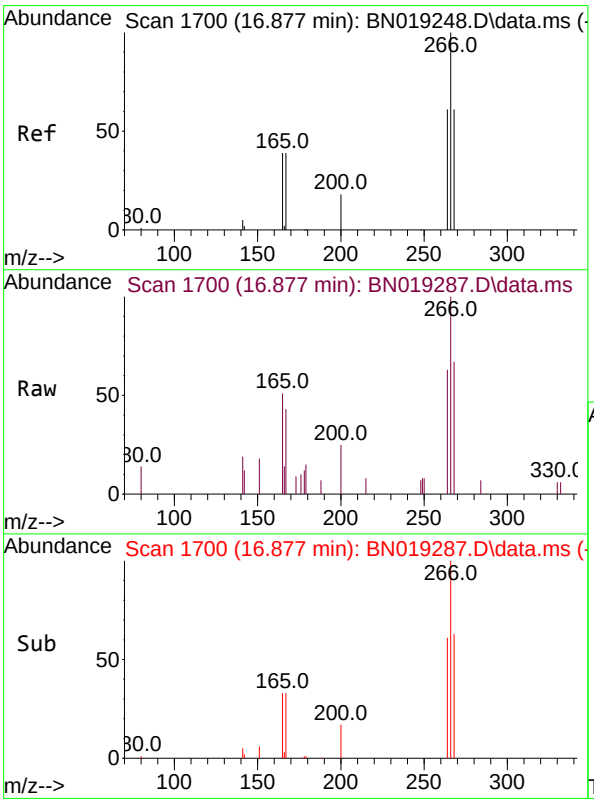
#23
Atrazine
Concen: 0.409 ng
RT: 16.672 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:200 Resp: 3053

Ion	Ratio	Lower	Upper
200	100		
173	29.0	23.9	35.9
215	48.0	36.6	54.8

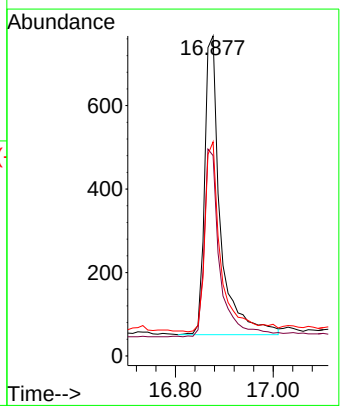


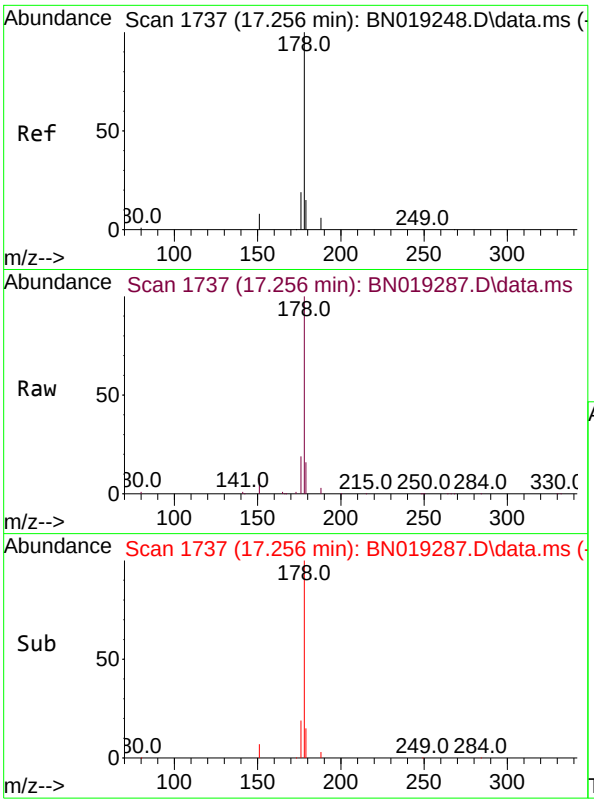


#24
Pentachlorophenol
Concen: 0.393 ng
RT: 16.877 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:266 Resp: 1600

Ion	Ratio	Lower	Upper
266	100		
264	61.9	50.2	75.4
268	64.6	51.9	77.9



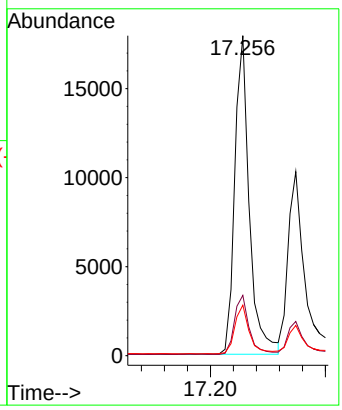


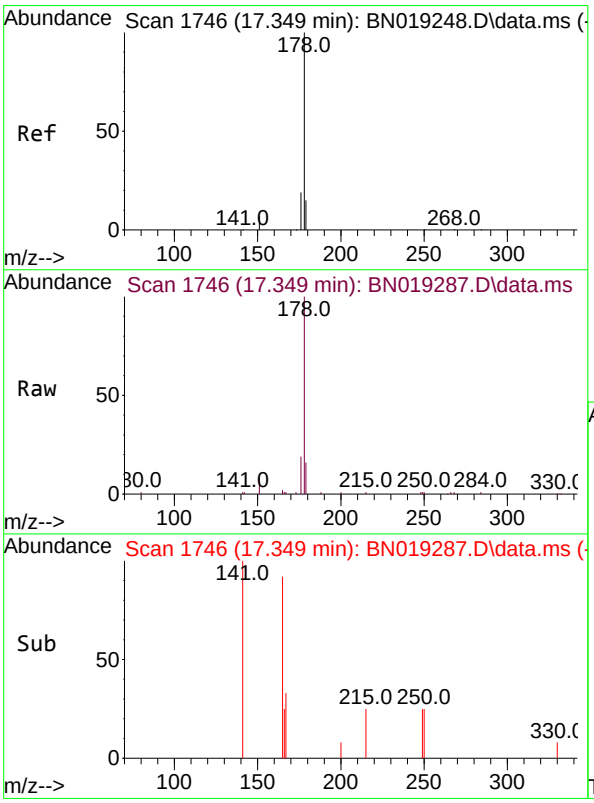
#25
Phenanthrene
Concen: 0.588 ng
RT: 17.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:178 Resp: 31359

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.2	12.2	18.2

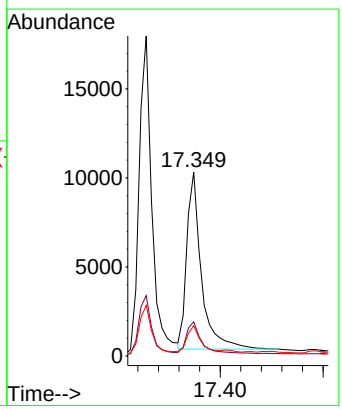


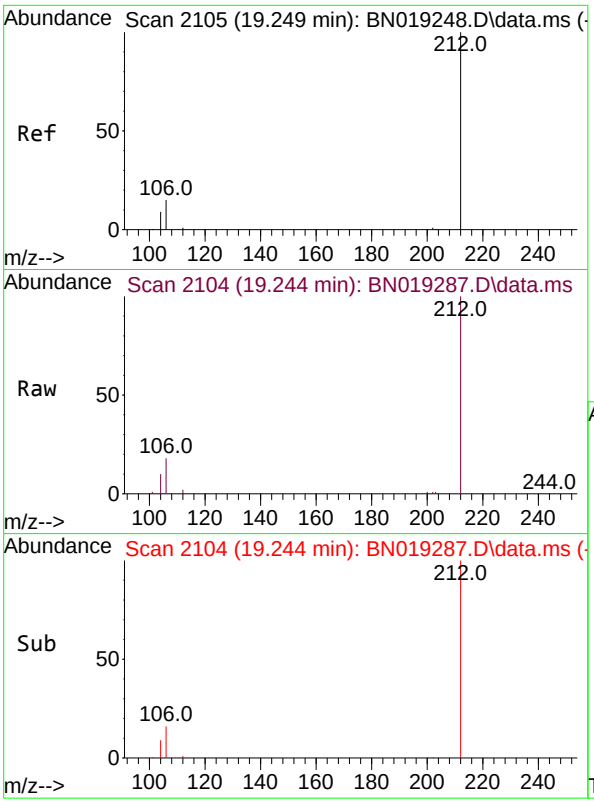


#26
Anthracene
Concen: 0.446 ng
RT: 17.349 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:178 Resp: 19677

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	12.6	12.2	18.4



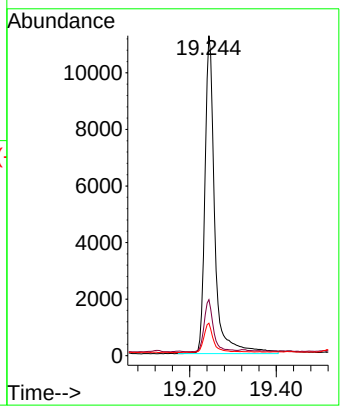


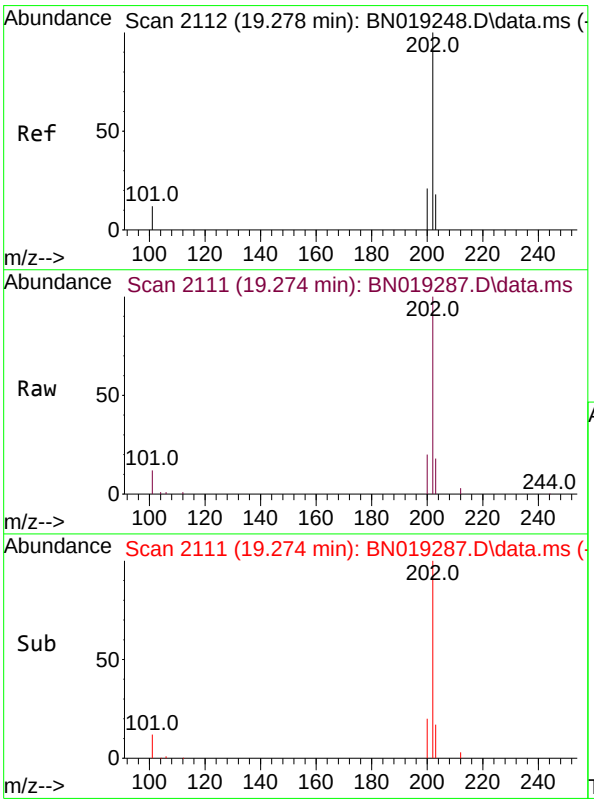
#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:212 Resp: 17858

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.7	19.1
104	8.9	7.1	10.7

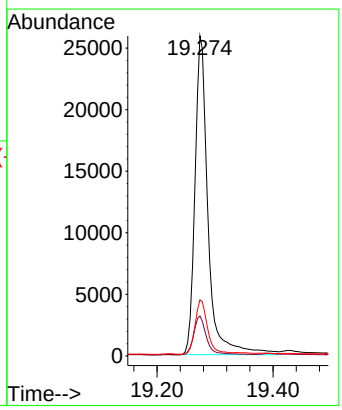


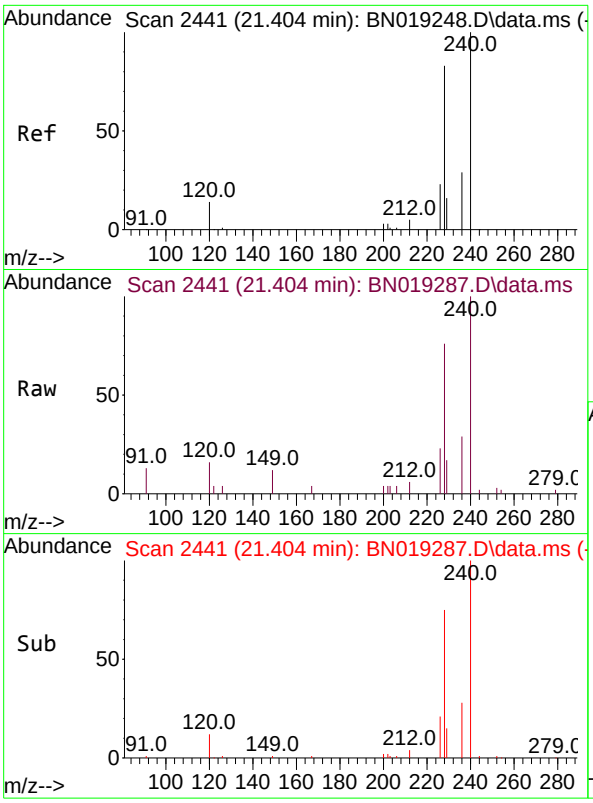


#28
Fluoranthene
Concen: 0.637 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:202 Resp: 40544

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.6
203	16.3	13.7	20.5



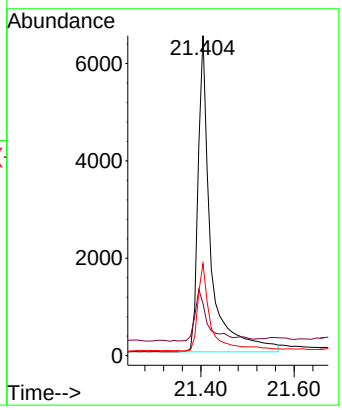


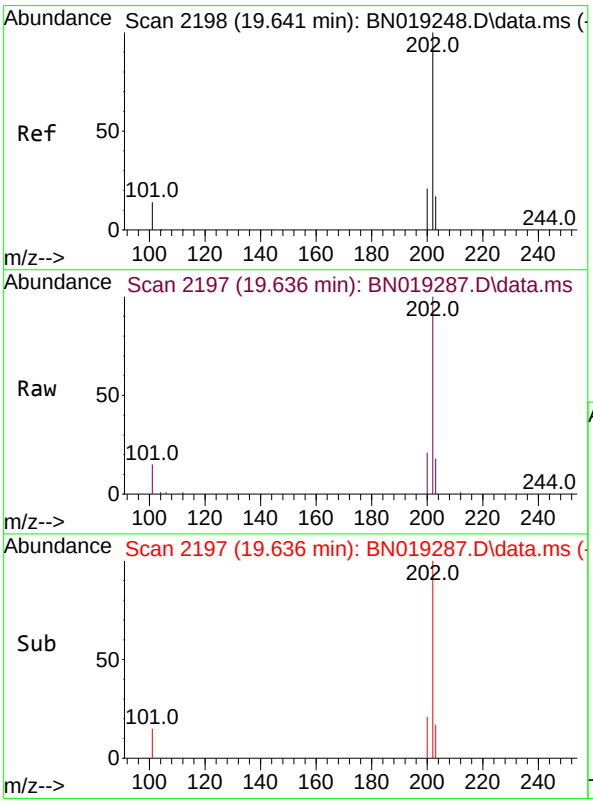
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:240 Resp: 12267

Ion	Ratio	Lower	Upper
240	100		
120	16.3	8.5	12.7#
236	28.8	22.4	33.6

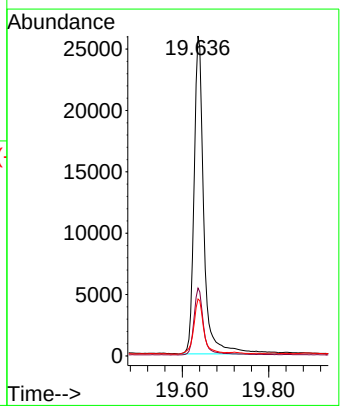


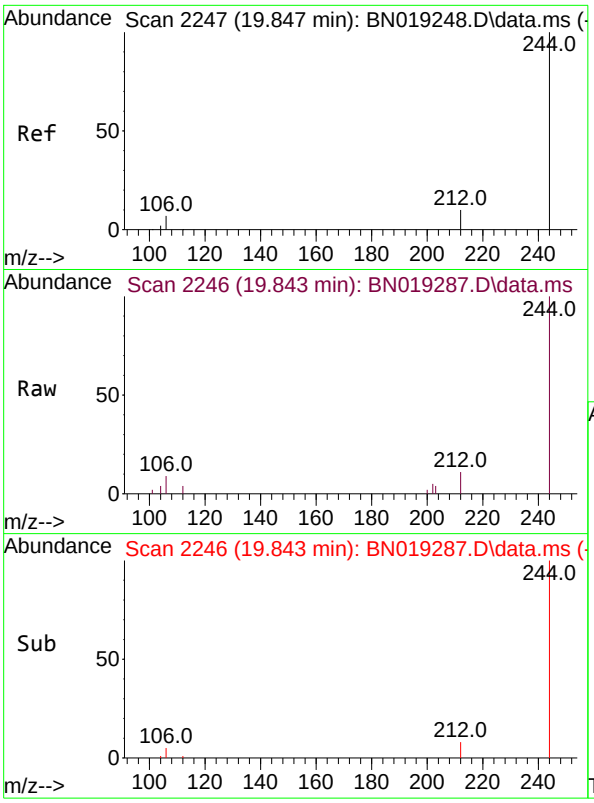


#30
Pyrene
Concen: 0.672 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:202 Resp: 40723

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.7	14.2	21.2



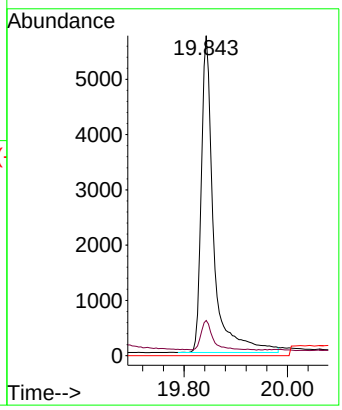


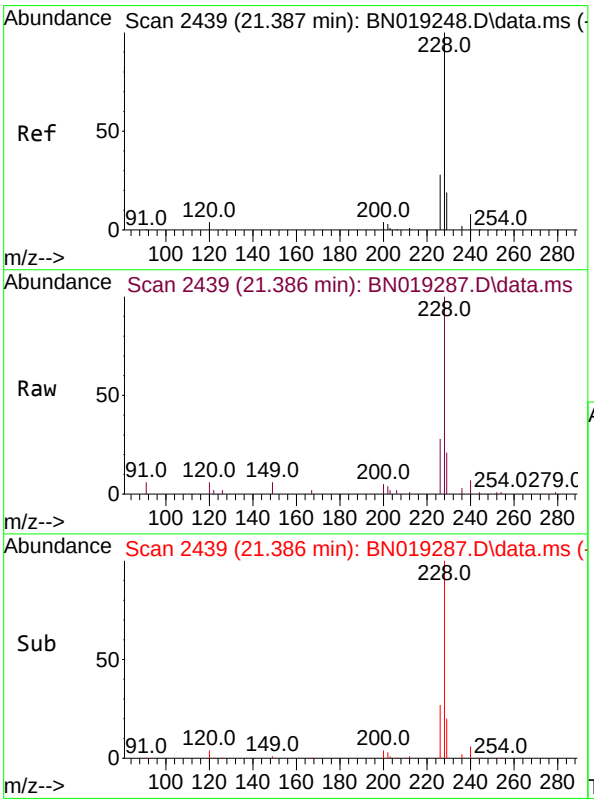
#31
Terphenyl-d14
Concen: 0.348 ng
RT: 19.843 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:244 Resp: 9508

Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.2	12.4
122	0.0	0.0	0.0

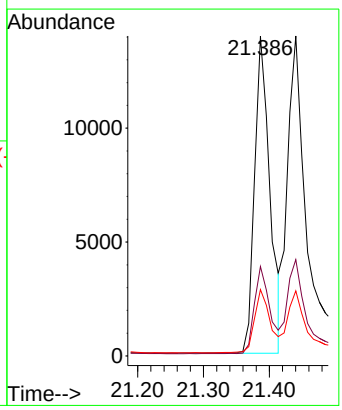


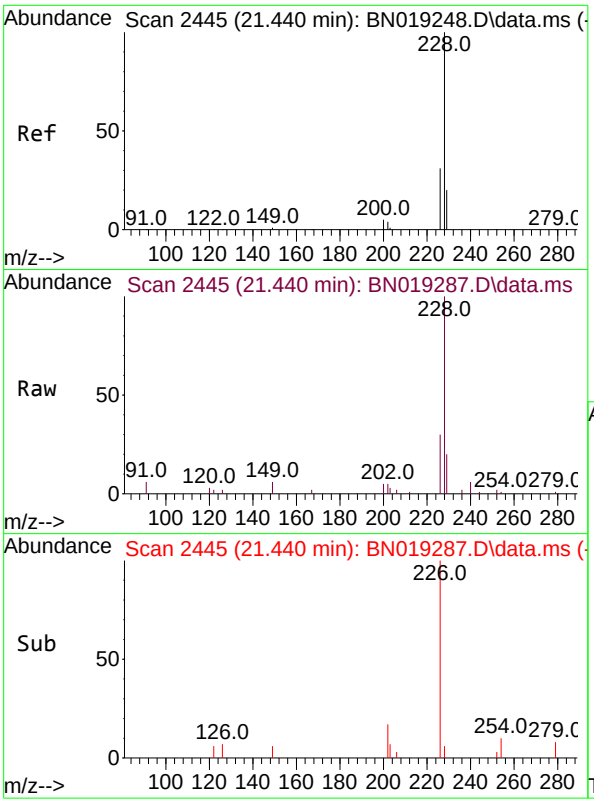


#32
Benzo(a)anthracene
Concen: 0.587 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:228 Resp: 22548

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.9	32.9
229	20.8	16.0	24.0



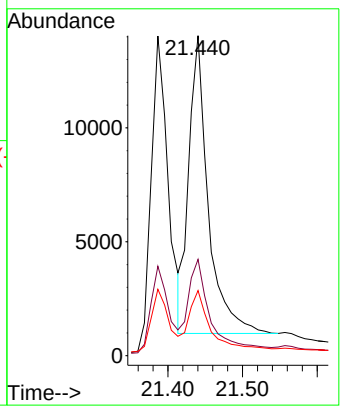


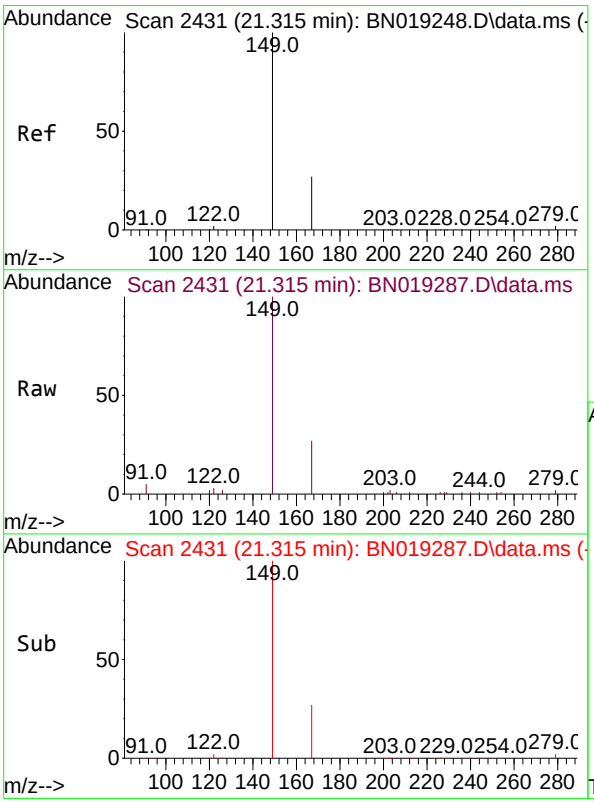
#33
Chrysene
Concen: 0.481 ng
RT: 21.440 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:228 Resp: 23619

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.3	15.9	23.9

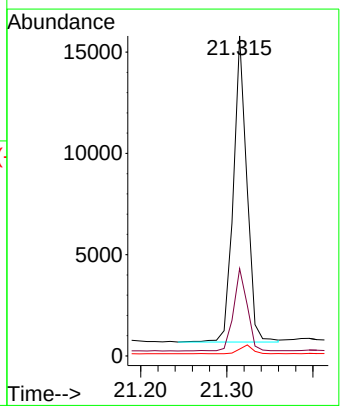


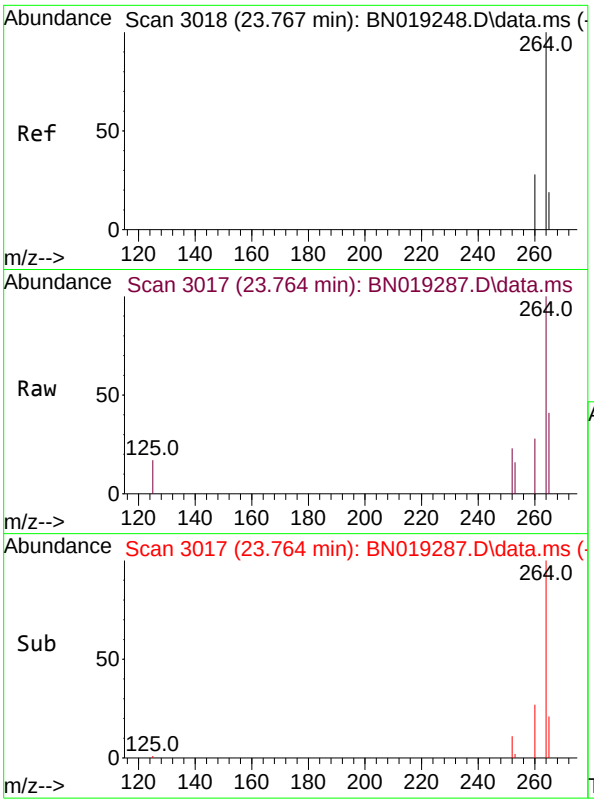


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.640 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:149 Resp: 16441

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	2.8	2.0	3.0



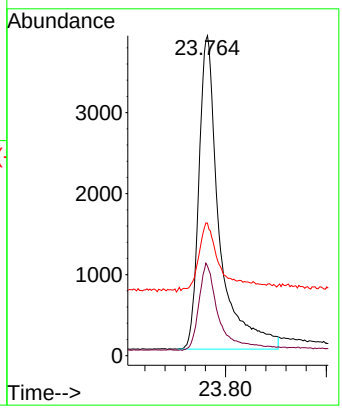


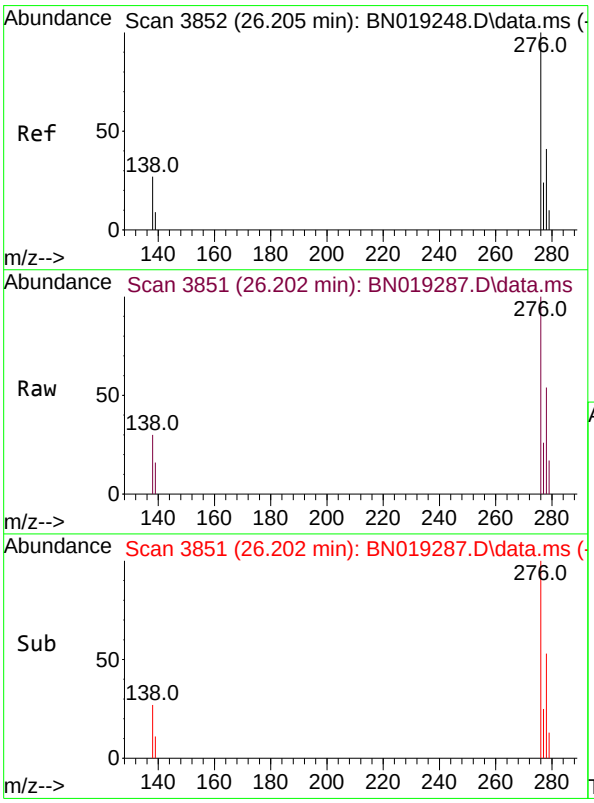
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.764 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:264 Resp: 10905

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.4	33.6
265	41.4	25.3	37.9#

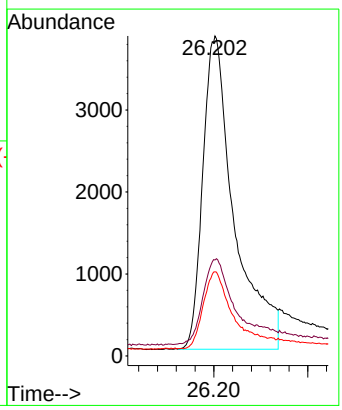


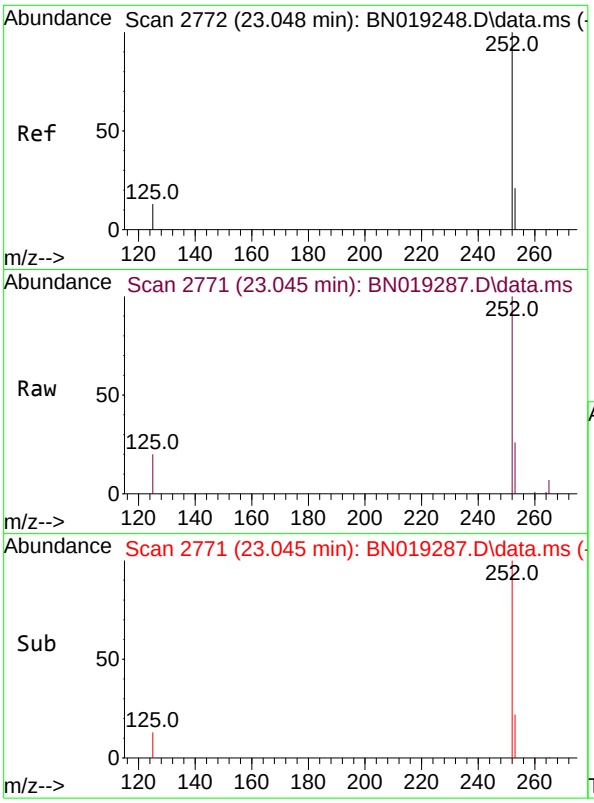


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng
RT: 26.202 min Scan# 3851
Delta R.T. -0.003 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:276 Resp: 17815

Ion	Ratio	Lower	Upper
276	100		
138	25.5	24.5	36.7
277	23.2	19.8	29.8



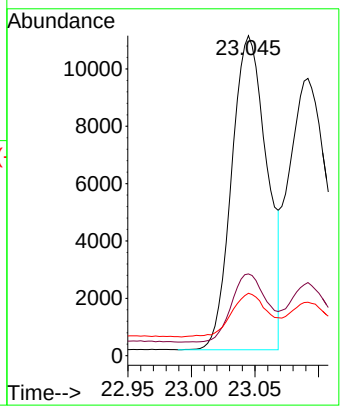


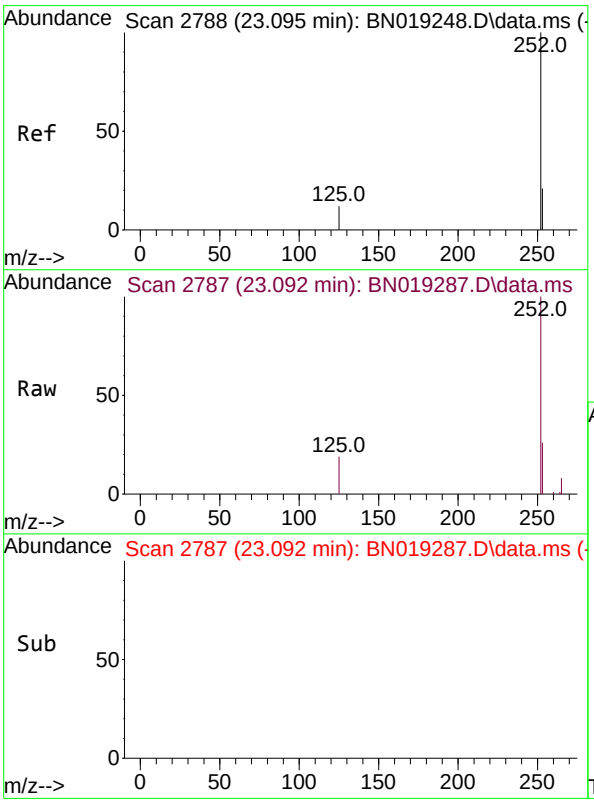
#37
Benzo(b)fluoranthene
Concen: 0.522 ng
RT: 23.045 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:252 Resp: 21149

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.9	28.3
125	19.5	12.1	18.1#

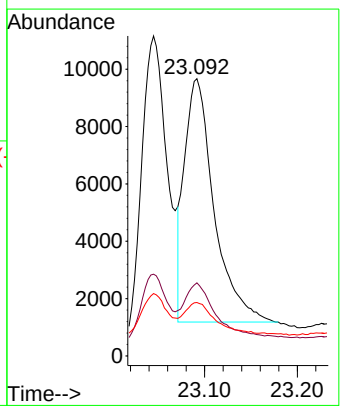


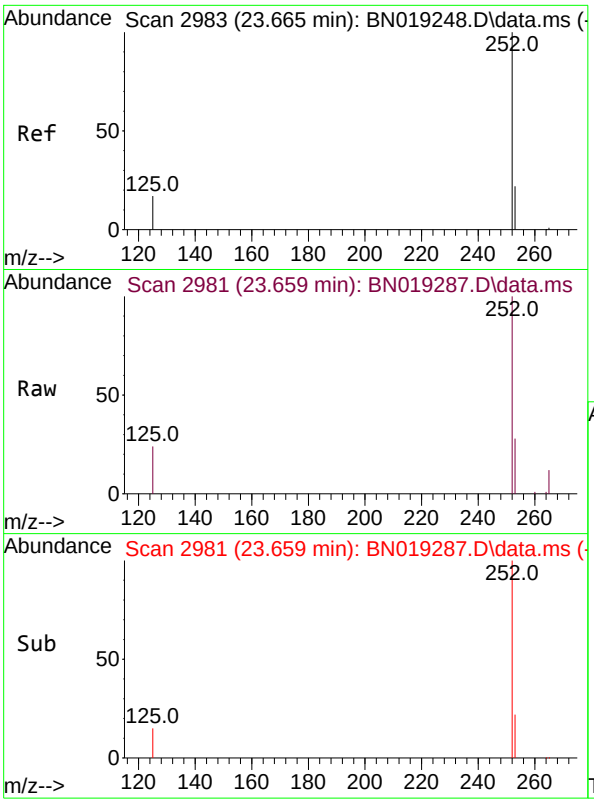


#38
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 23.092 min Scan# 2787
Delta R.T. -0.003 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:252 Resp: 18819

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.9	28.3
125	19.3	10.3	15.5#



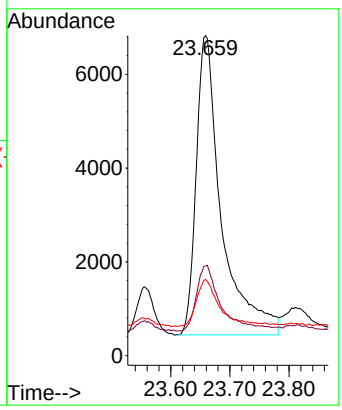


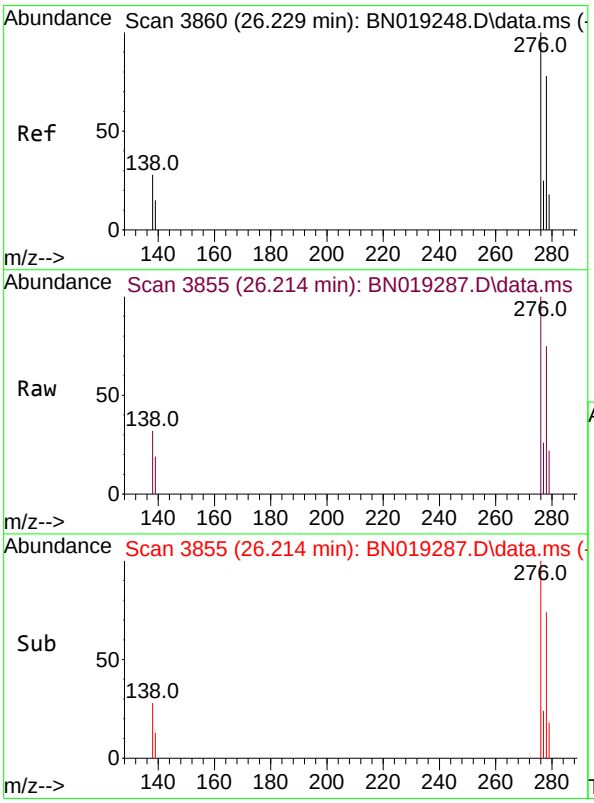
#39
Benzo(a)pyrene
Concen: 0.516 ng
RT: 23.659 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:252 Resp: 18975

Ion	Ratio	Lower	Upper
252	100		
253	28.1	20.1	30.1
125	23.8	15.2	22.8#

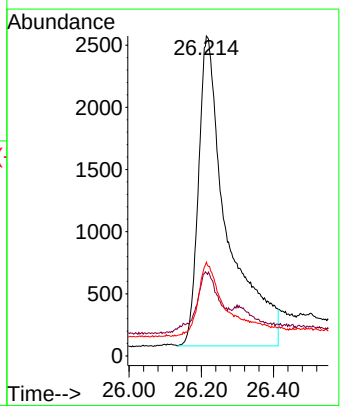


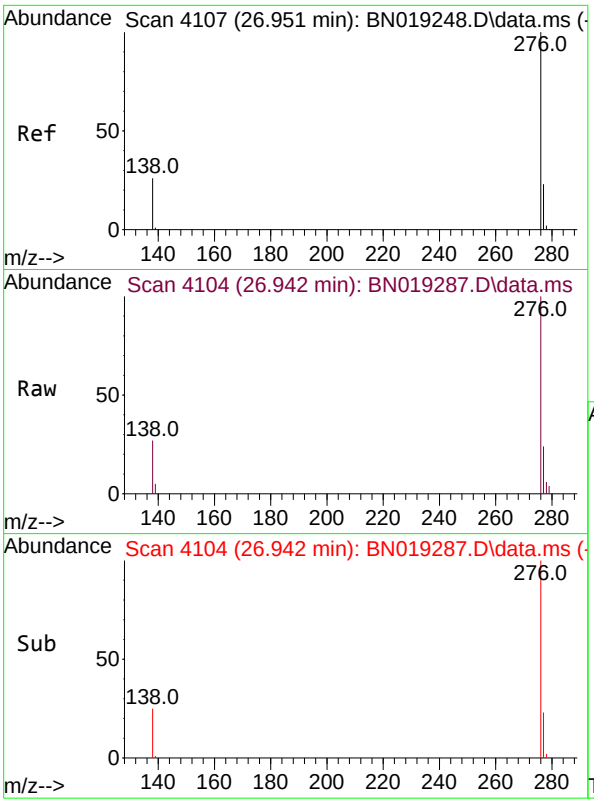


#40
Dibenzo(a,h)anthracene
Concen: 0.424 ng
RT: 26.214 min Scan# 3855
Delta R.T. -0.015 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Tgt Ion:278 Resp: 13787

Ion	Ratio	Lower	Upper
278	100		
139	26.0	17.2	25.8#
279	29.3	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.433 ng
RT: 26.942 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN019287.D
Acq: 01 Apr 2022 14:55

Instrument :
BNA_N
ClientSampleId :
A03015MSD

Tgt Ion:276 Resp: 19699

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	27.3	21.0	31.6