Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019261.D
Acq On : 31 Mar 2022 20:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 01 04:46:18 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	5328	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	14545	0.400	ng	#	0.00
13) Acenaphthene-d10	14.474	164	9177	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	18639	0.400	ng		0.00
29) Chrysene-d12	21.404	240	13656	0.400	ng	#	0.00
35) Perylene-d12	23.767	264	11613	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	4584	0.393	ng		0.00
5) Phenol-d6	7.002	99	4519	0.365	ng		0.00
8) Nitrobenzene-d5	8.993	82	3660	0.350	ng		0.00
11) 2-Methylnaphthalene-d10	12.235	152	9397	0.407	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	1429	0.333	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	14370	0.390	ng		0.00
27) Fluoranthene-d10	19.249	212	21950	0.392	ng		0.00
31) Terphenyl-d14	19.847	244	12390	0.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	2769	0.391	ng		95
3) n-Nitrosodimethylamine	3.557	42	2618	0.354	ng		98
6) bis(2-Chloroethyl)ether	7.255	93	5561	0.377	ng		95
9) Naphthalene	10.690	128	16847	0.400	ng		99
10) Hexachlorobutadiene	10.979	225	4041	0.411	ng	#	100
12) 2-Methylnaphthalene	12.306	142	10998	0.404	ng		99
16) Acenaphthylene	14.196	152	15588	0.369	ng		99
17) Acenaphthene	14.538	154	11736	0.390	ng		99
18) Fluorene	15.522	166	14825	0.394	ng		99
20) 4,6-Dinitro-2-methylph...	15.618	198	749	0.325	ng	#	80
21) 4-Bromophenyl-phenylether	16.405	248	4627	0.387	ng	#	77
22) Hexachlorobenzene	16.528	284	6308	0.405	ng		99
23) Atrazine	16.672	200	2864	0.349	ng		97
24) Pentachlorophenol	16.877	266	1417	0.316	ng		99
25) Phenanthrene	17.256	178	23331	0.398	ng		100
26) Anthracene	17.349	178	17761	0.366	ng		100
28) Fluoranthene	19.278	202	27220	0.389	ng		99
30) Pyrene	19.641	202	27721	0.411	ng		100
32) Benzo(a)anthracene	21.387	228	14958	0.350	ng		99
33) Chrysene	21.440	228	22020	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.315	149	10169	0.356	ng		100
36) Indeno(1,2,3-cd)pyrene	26.203	276	5287	0.111	ng	#	1
37) Benzo(b)fluoranthene	23.092	252	22218	0.515	ng		97
38) Benzo(k)fluoranthene	23.092	252	16905	0.363	ng		98
39) Benzo(a)pyrene	23.662	252	15847	0.404	ng	#	80
40) Dibenzo(a,h)anthracene	26.226	278	12304	0.355	ng		94
41) Benzo(g,h,i)perylene	26.945	276	17754	0.367	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019261.D
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Misc :
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Instrument :
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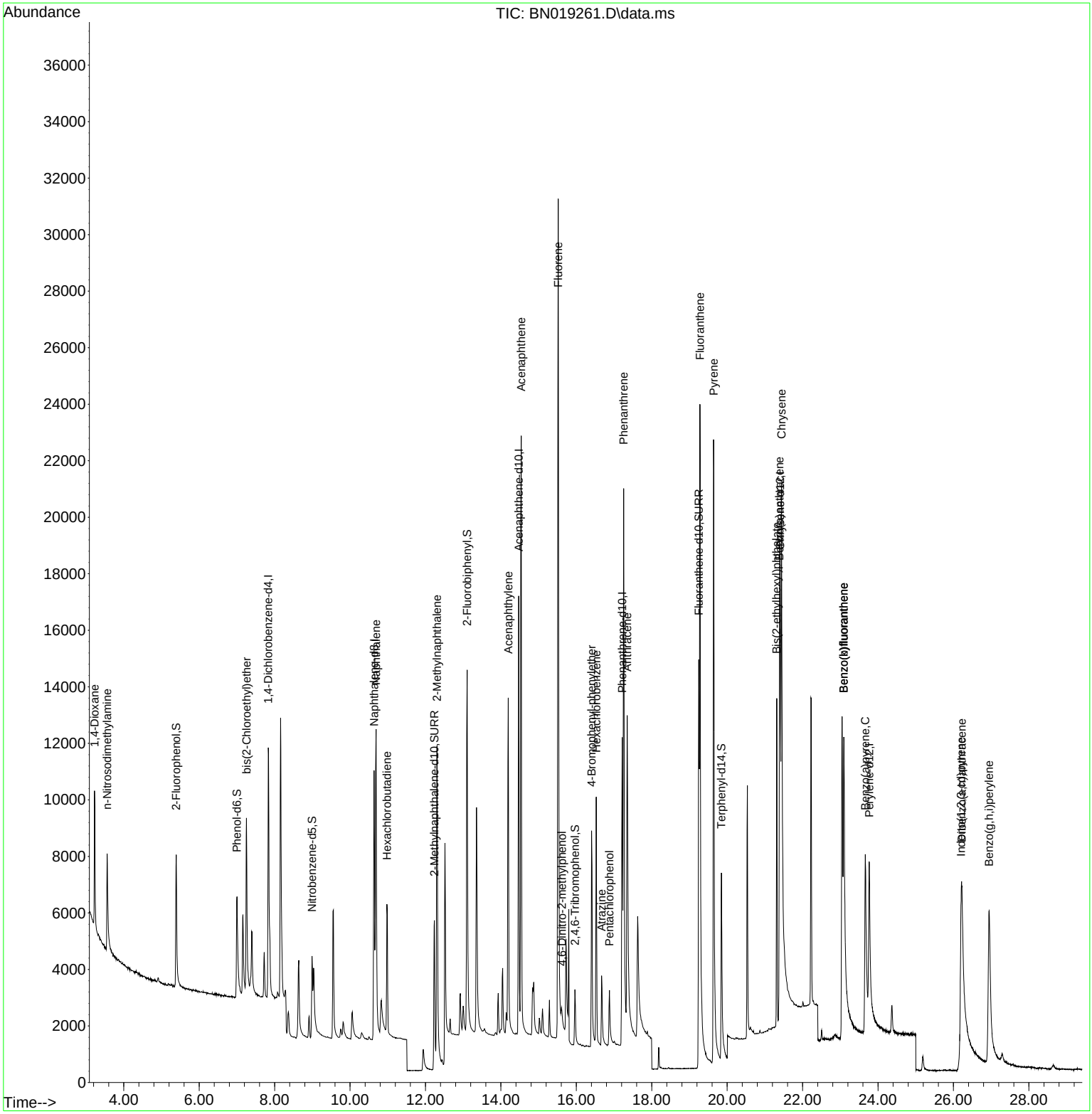
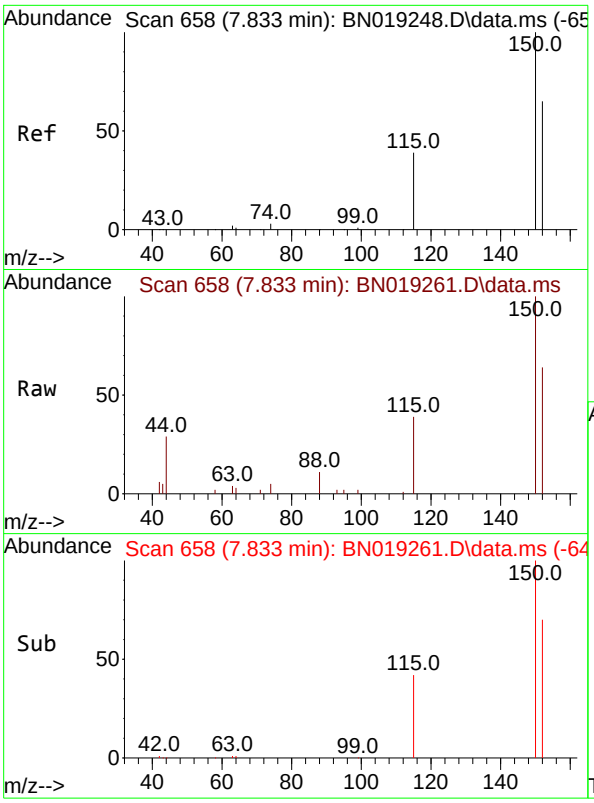
Quant Time: Apr 01 04:46:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration



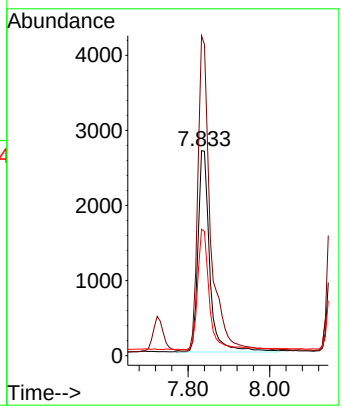


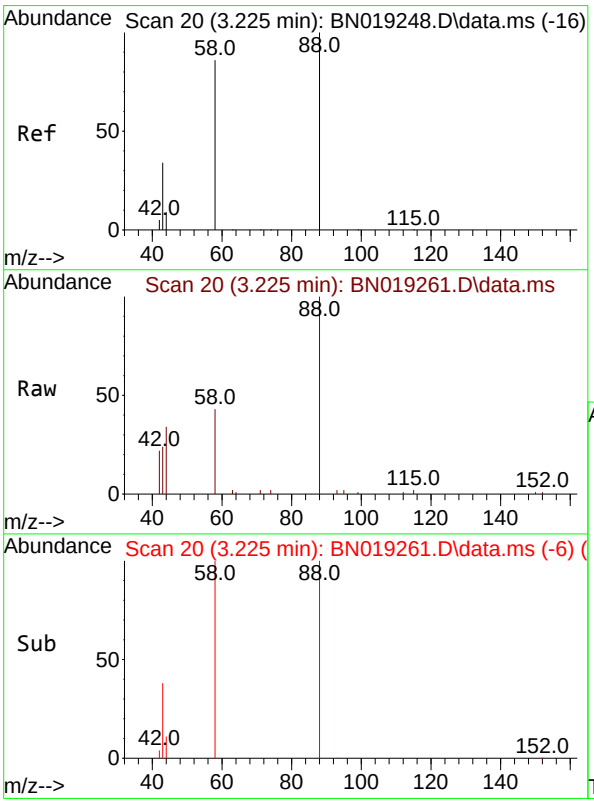
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5328

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.9	185.9
115	61.6	48.2	72.4

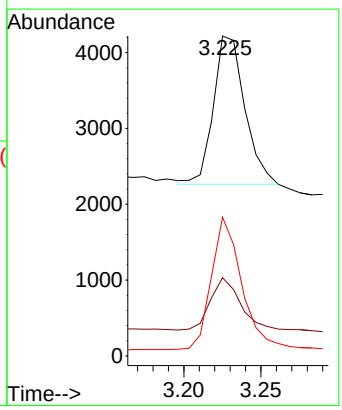


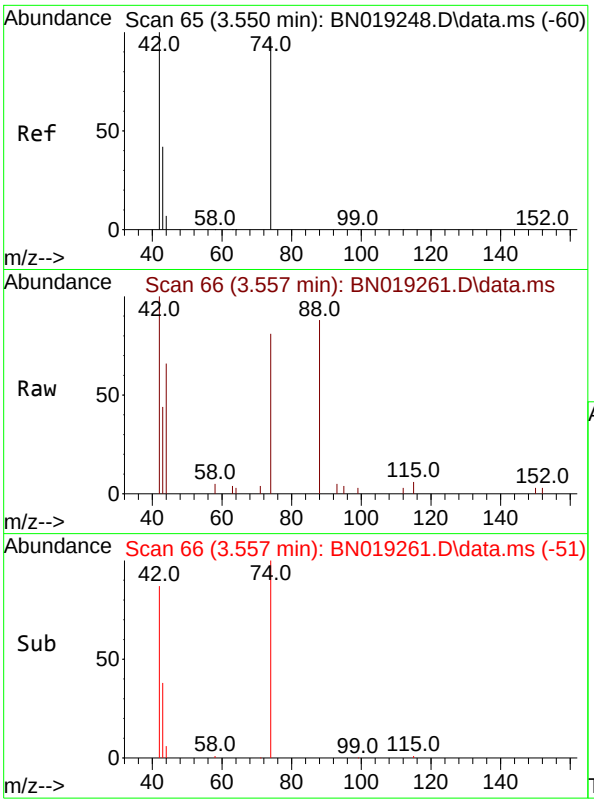


#2
1,4-Dioxane
Concen: 0.391 ng
RT: 3.225 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion: 88 Resp: 2769

Ion	Ratio	Lower	Upper
88	100		
43	33.5	24.6	37.0
58	86.8	65.4	98.2



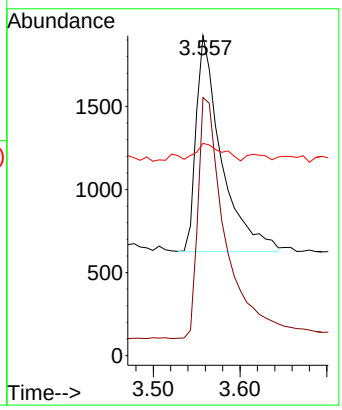


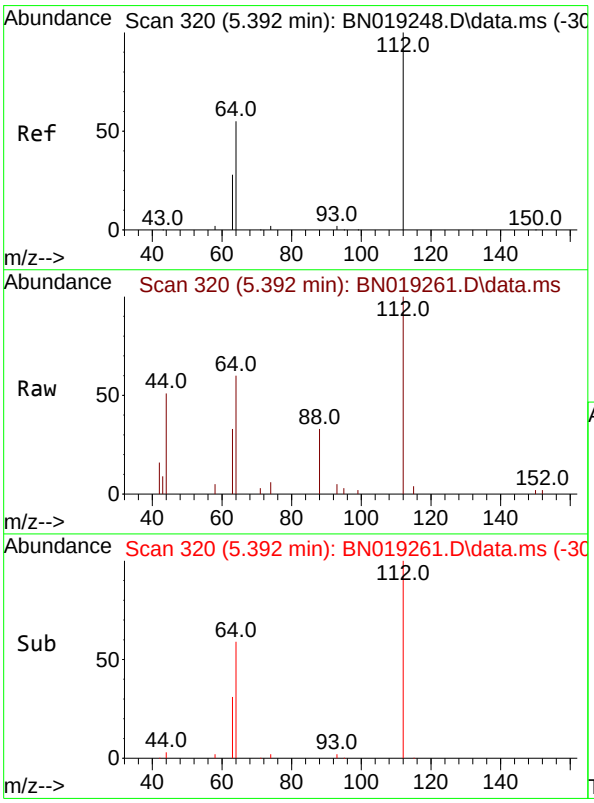
#3
n-Nitrosodimethylamine
Concen: 0.354 ng
RT: 3.557 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2618

Ion	Ratio	Lower	Upper
42	100		
74	122.8	96.9	145.3
44	8.3	7.3	10.9

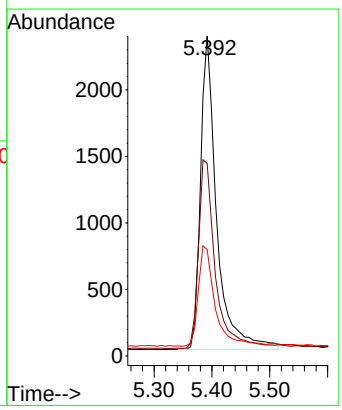


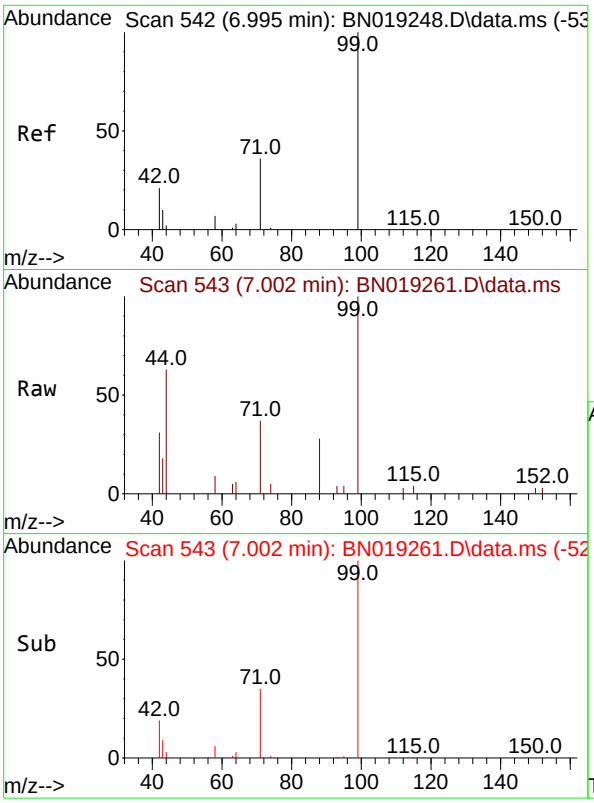


#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.392 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:112 Resp: 4584

Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.8	71.8
63	33.2	25.7	38.5



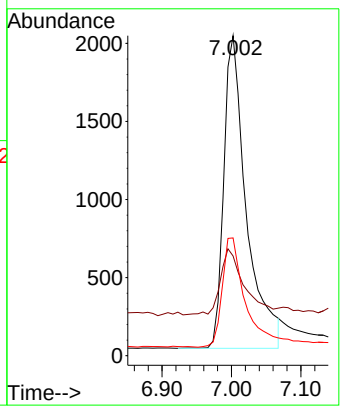


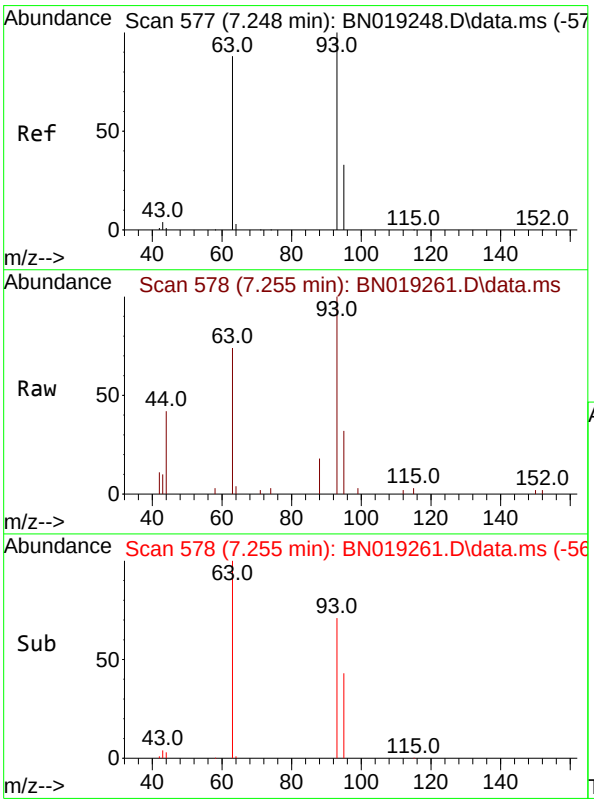
#5
Phenol-d6
Concen: 0.365 ng
RT: 7.002 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4519

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.2	24.4
71	35.5	27.7	41.5

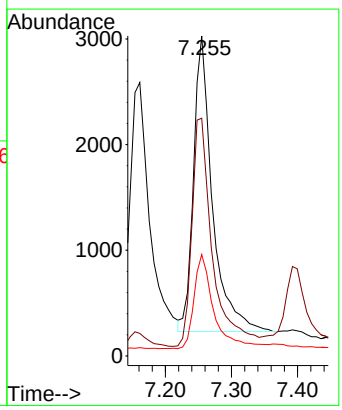


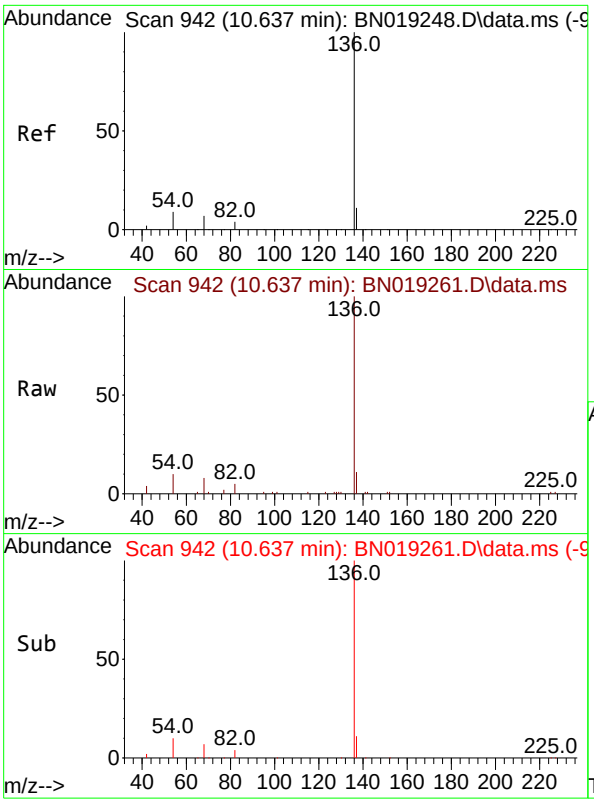


#6
bis(2-Chloroethyl)ether
Concen: 0.377 ng
RT: 7.255 min Scan# 578
Delta R.T. 0.007 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion: 93 Resp: 5561

Ion	Ratio	Lower	Upper
93	100		
63	84.0	62.8	94.2
95	33.7	26.2	39.4



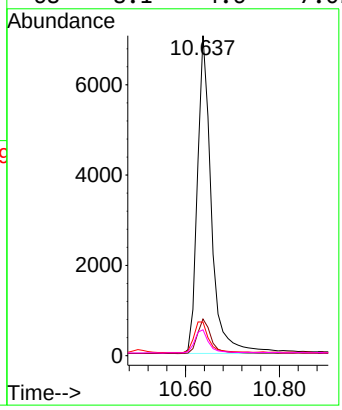


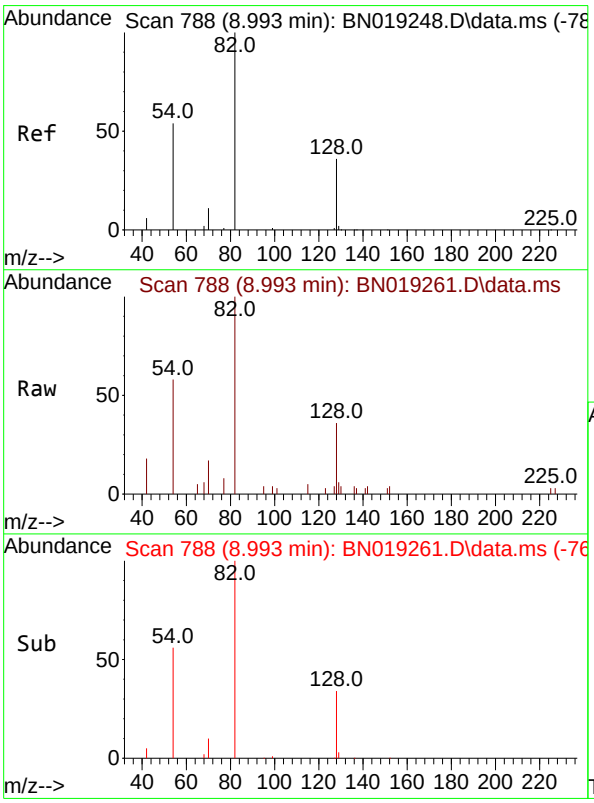
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 14545

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	10.5	5.8	8.6#
68	8.1	4.6	7.0#

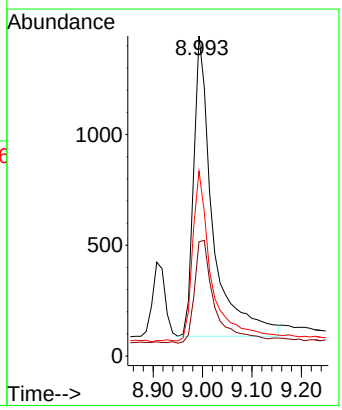


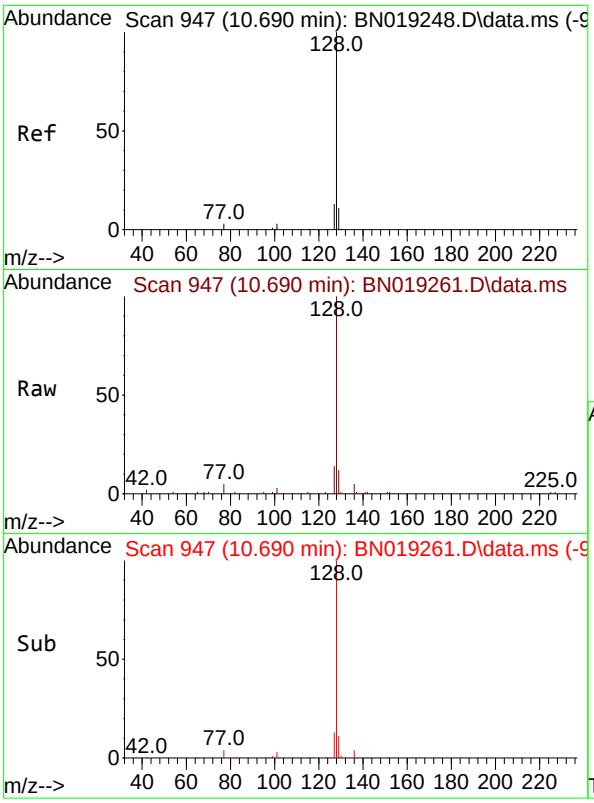


#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion: 82 Resp: 3660

Ion	Ratio	Lower	Upper
82	100		
128	35.7	33.0	49.6
54	57.8	42.5	63.7



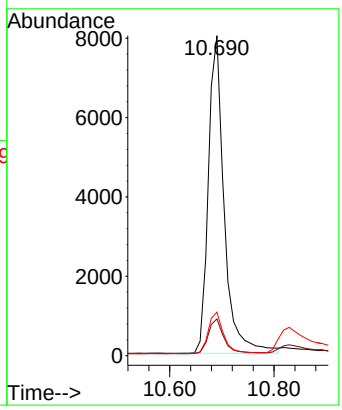


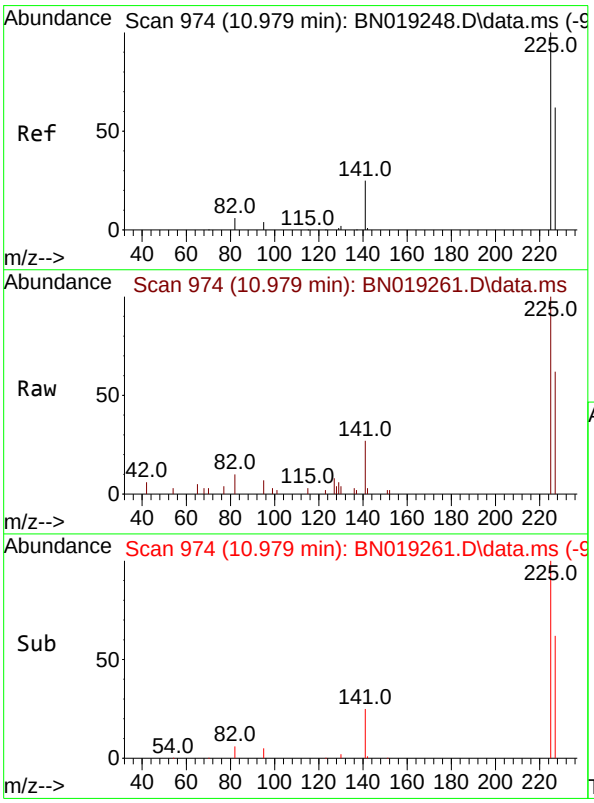
#9
Naphthalene
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 16847

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.6	10.7	16.1

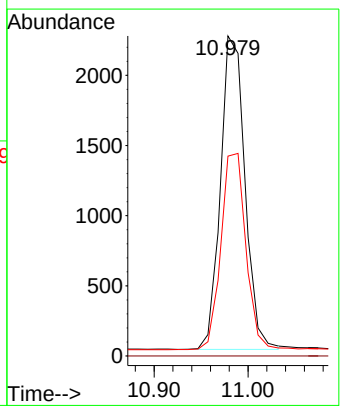


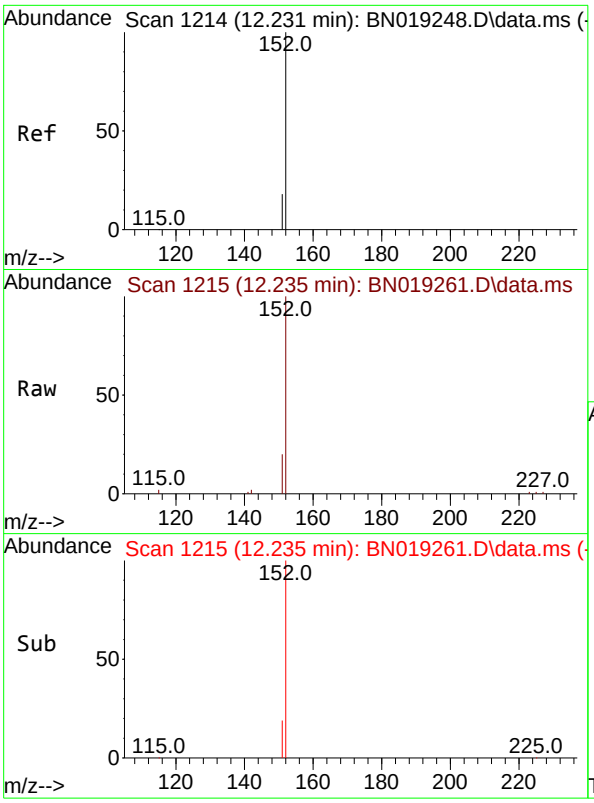


#10
Hexachlorobutadiene
Concen: 0.411 ng
RT: 10.979 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:225 Resp: 4041

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.0	76.6



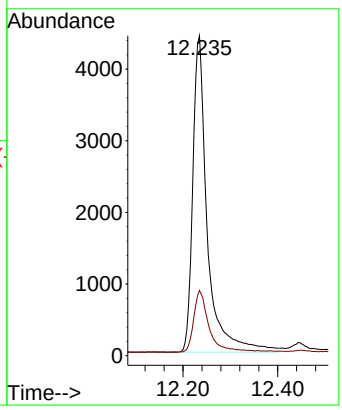


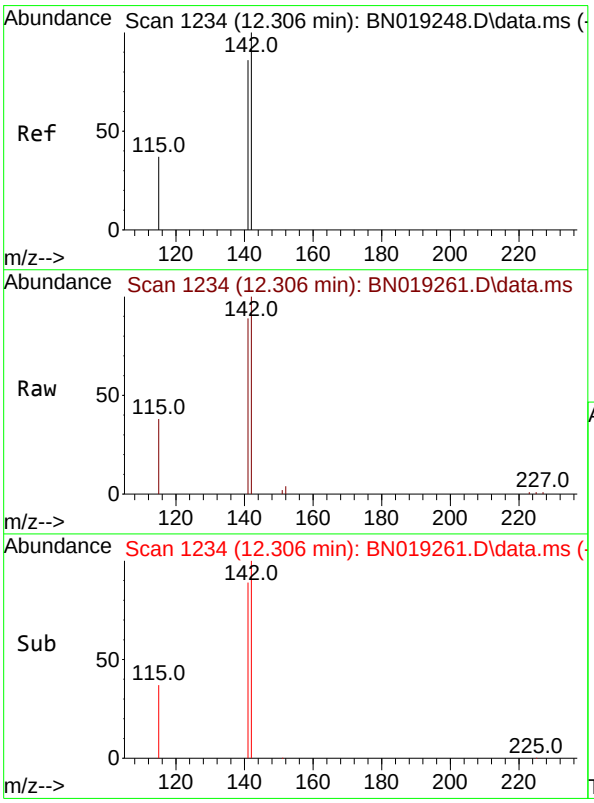
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.235 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9397

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7

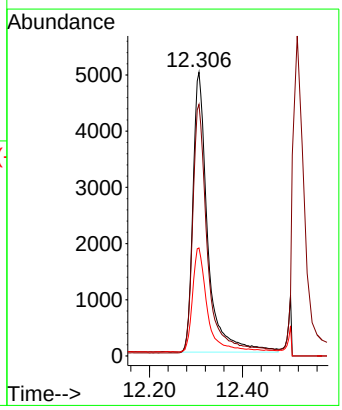


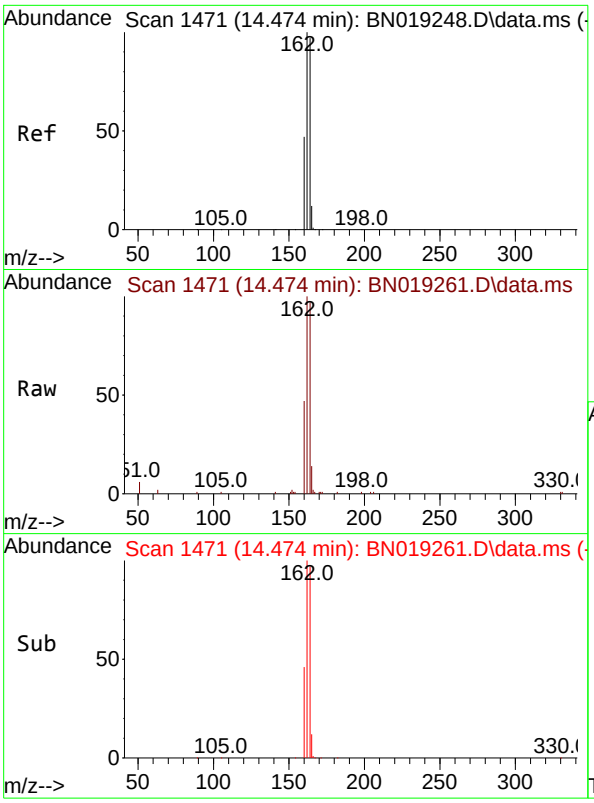


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.306 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:142 Resp: 10998

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.0	105.0
115	38.1	29.8	44.8



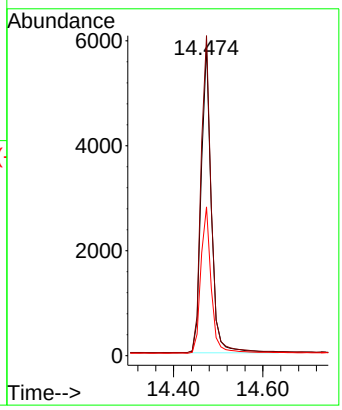


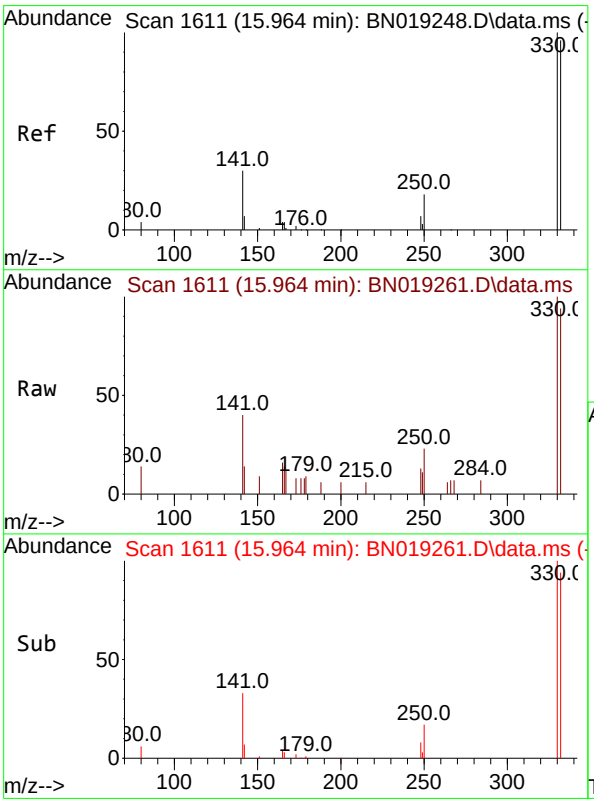
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9177

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.2	127.8
160	48.0	41.5	62.3

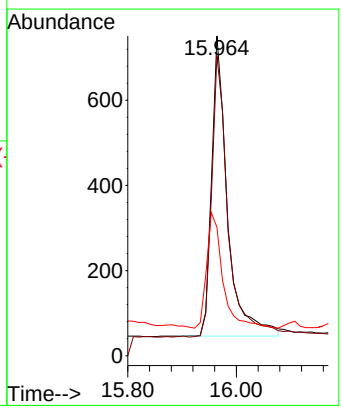


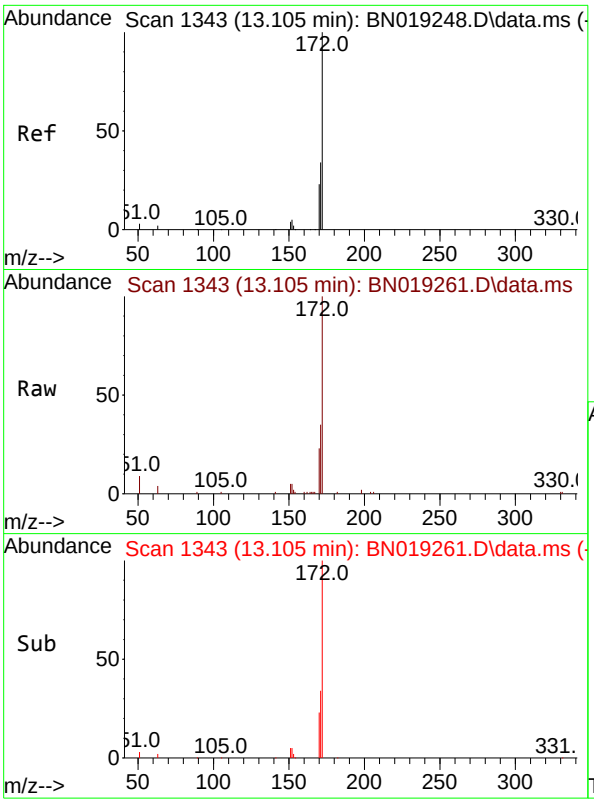


#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:330 Resp: 1429

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	39.0	32.2	48.2



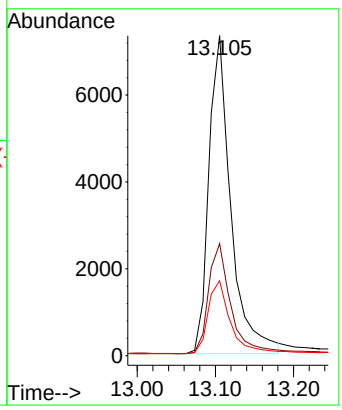


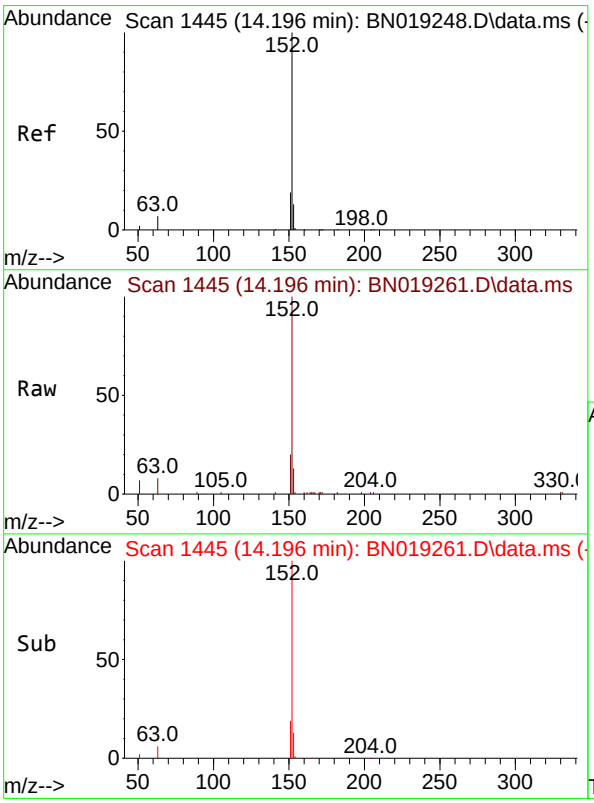
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14370

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	23.4	18.7	28.1

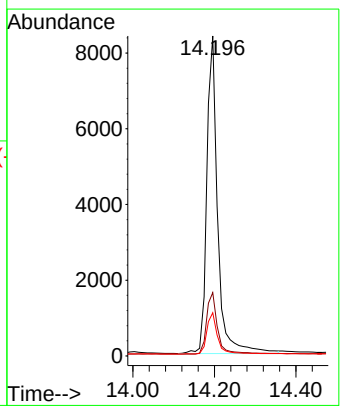


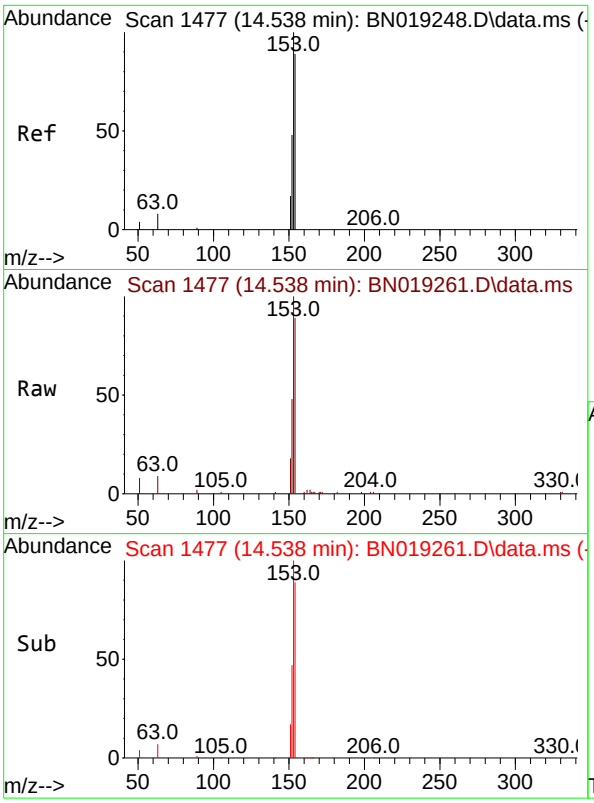


#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.196 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:152 Resp: 15588

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	12.9	10.6	15.8



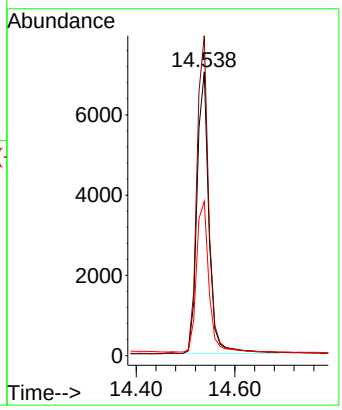


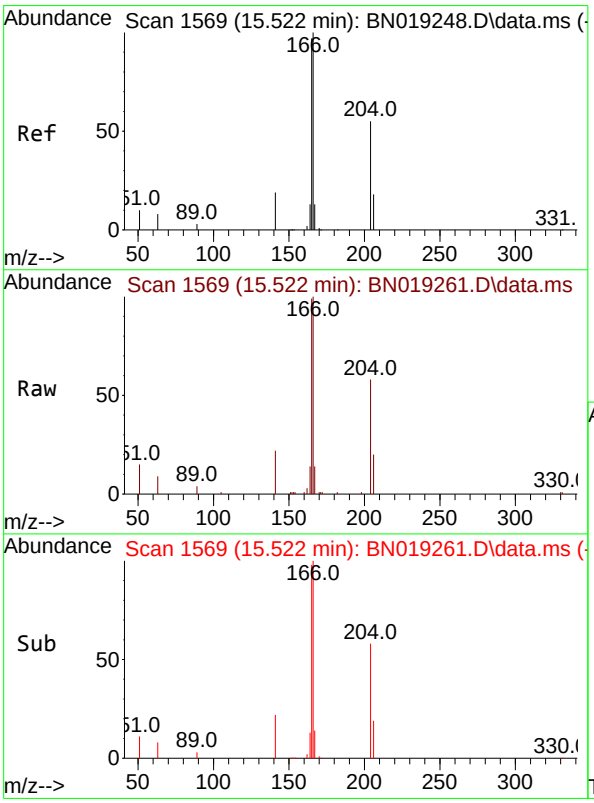
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 11736

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.7	134.5
152	55.4	44.7	67.1

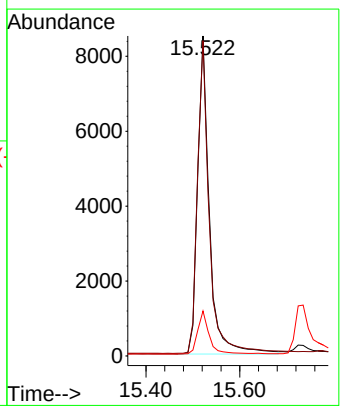


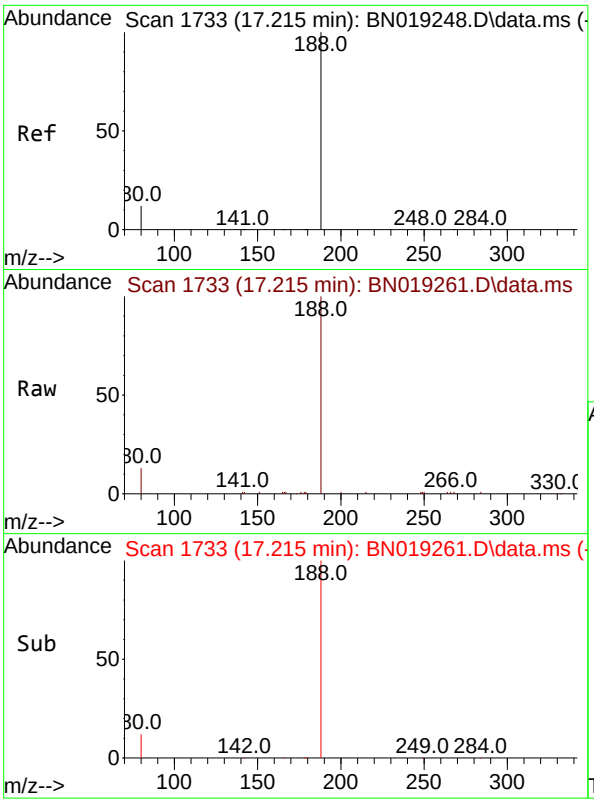


#18
Fluorene
Concen: 0.394 ng
RT: 15.522 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:166 Resp: 14825

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.2	118.8
167	13.4	10.7	16.1



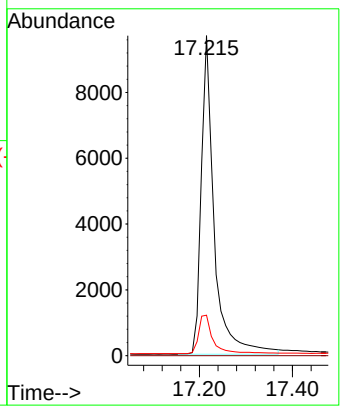


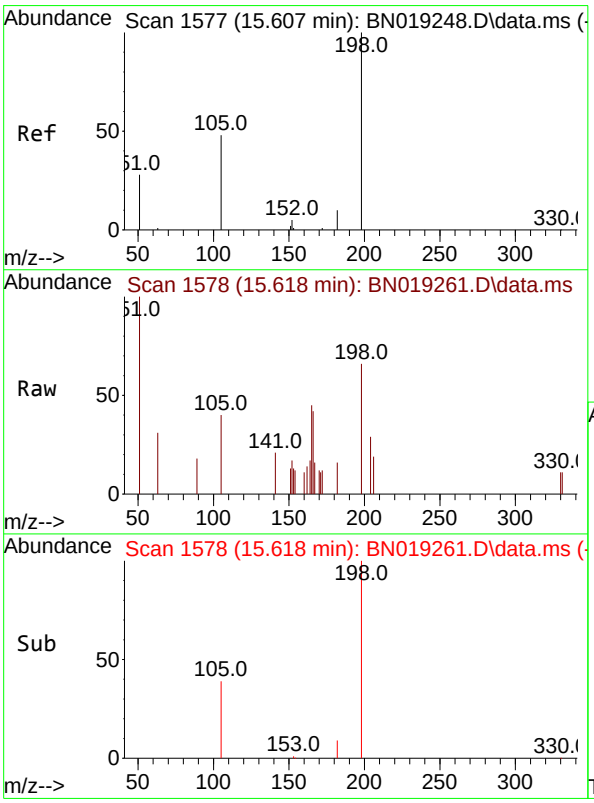
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 18639

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	11.8	17.8

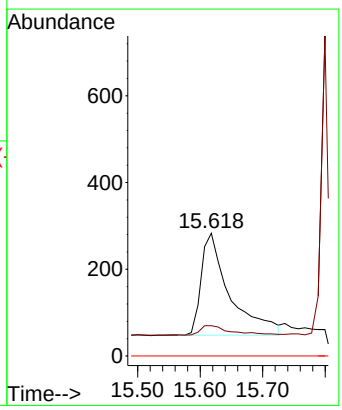


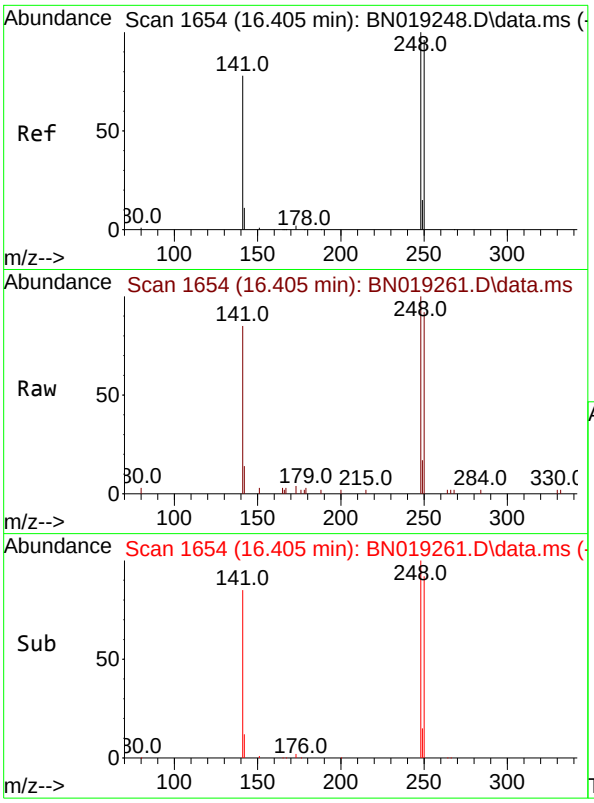


#20
4,6-Dinitro-2-methylphenol
Concen: 0.325 ng
RT: 15.618 min Scan# 1578
Delta R.T. 0.011 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:198 Resp: 749

Ion	Ratio	Lower	Upper
198	100		
182	24.7	13.0	19.4#
77	0.0	0.0	0.0



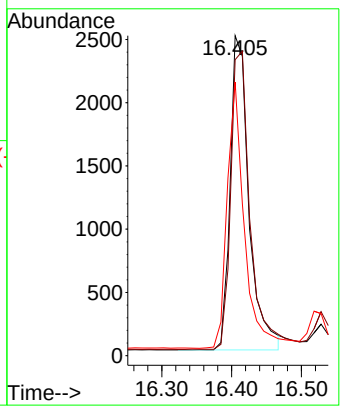


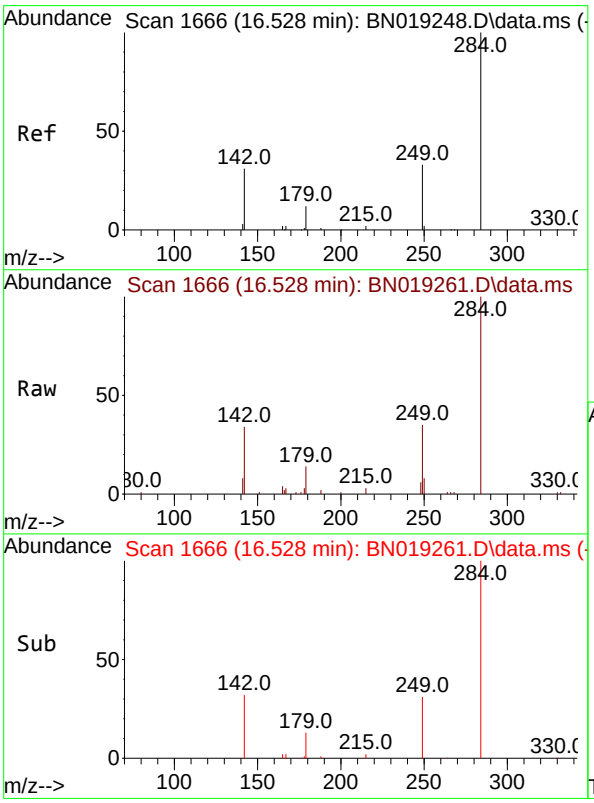
#21
4-Bromophenyl-phenylether
Concen: 0.387 ng
RT: 16.405 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4627

Ion	Ratio	Lower	Upper
248	100		
250	92.5	80.7	121.1
141	85.5	39.6	59.4#

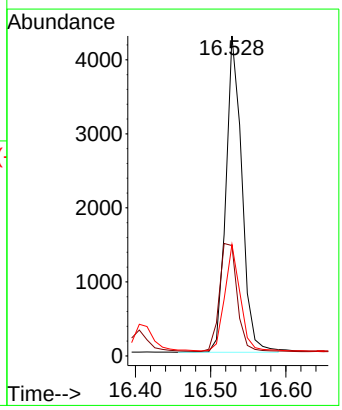


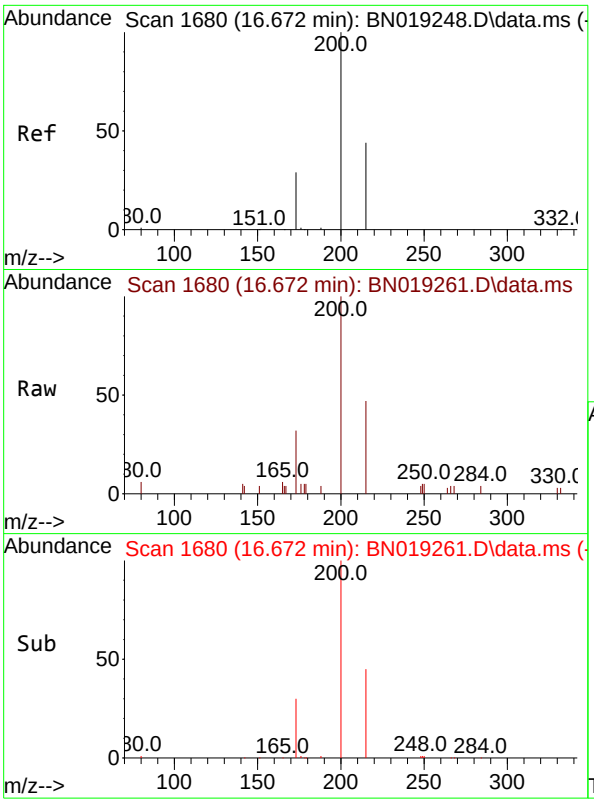


#22
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.528 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:284 Resp: 6308

Ion	Ratio	Lower	Upper
284	100		
142	37.8	29.8	44.8
249	32.2	26.2	39.2



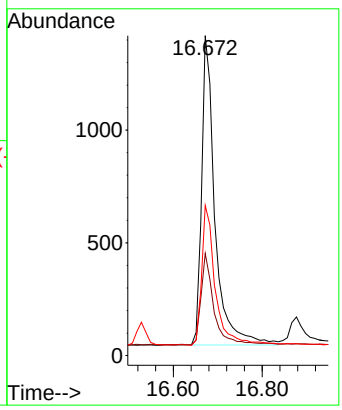


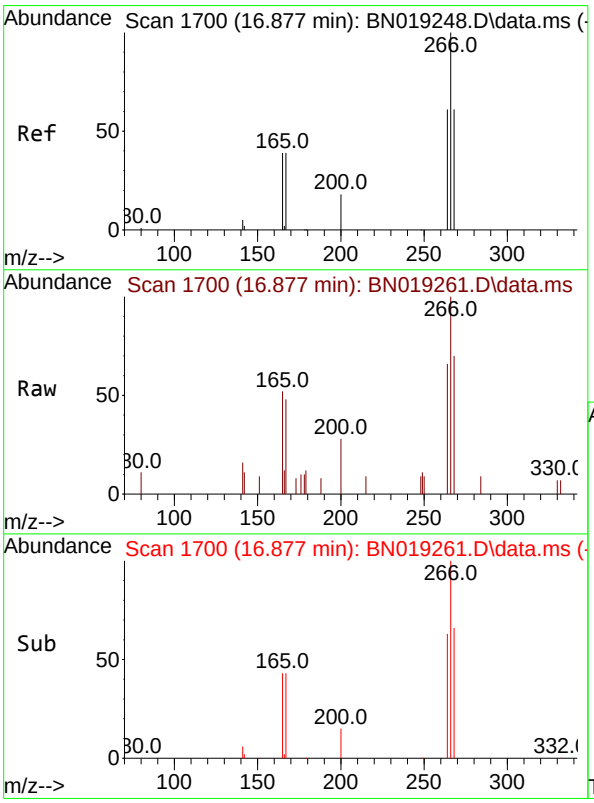
#23
Atrazine
Concen: 0.349 ng
RT: 16.672 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2864

Ion	Ratio	Lower	Upper
200	100		
173	31.9	23.9	35.9
215	46.9	36.6	54.8

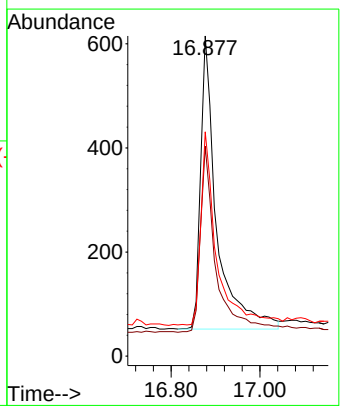


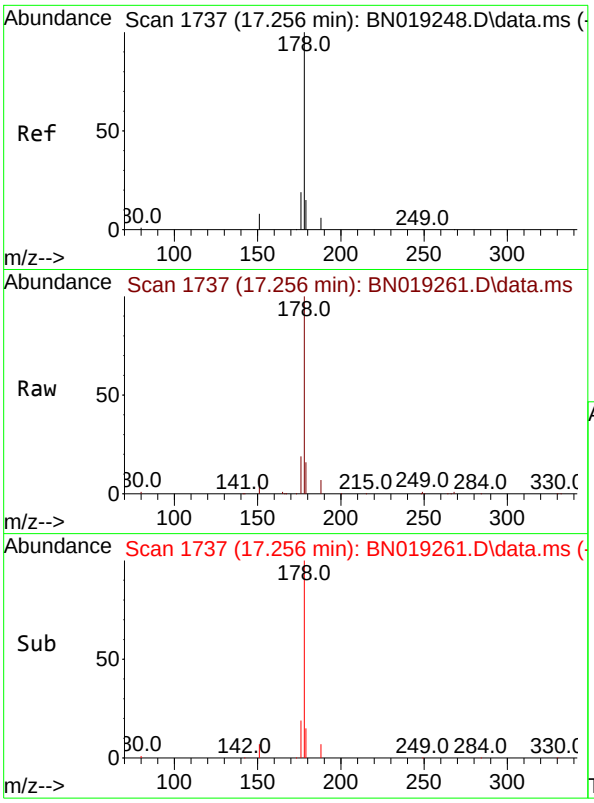


#24
Pentachlorophenol
Concen: 0.316 ng
RT: 16.877 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:266 Resp: 1417

Ion	Ratio	Lower	Upper
266	100		
264	61.3	50.2	75.4
268	65.4	51.9	77.9



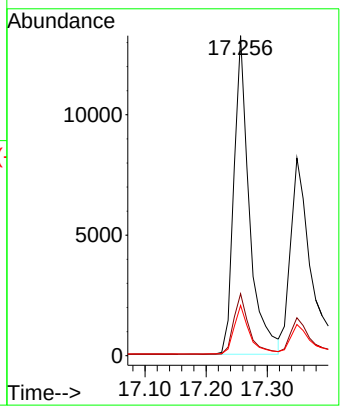


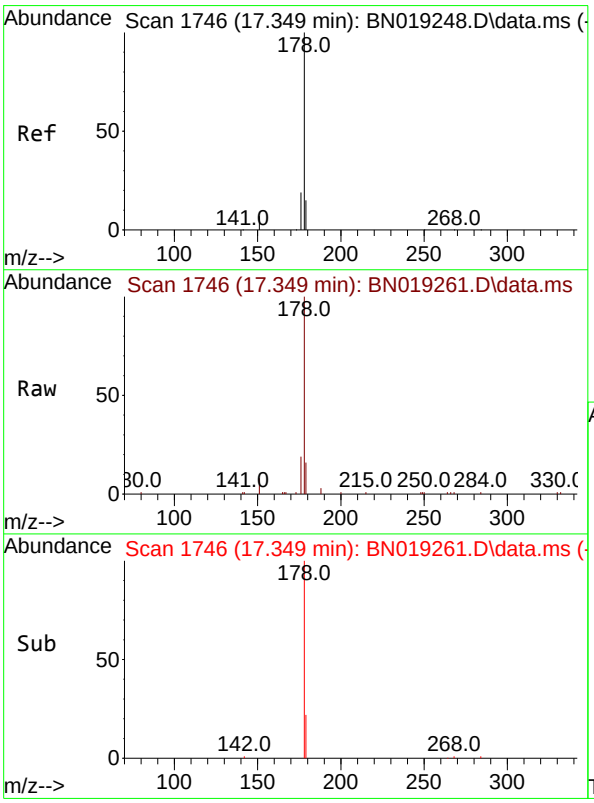
#25
Phenanthrene
Concen: 0.398 ng
RT: 17.256 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 23331

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.2	12.2	18.2

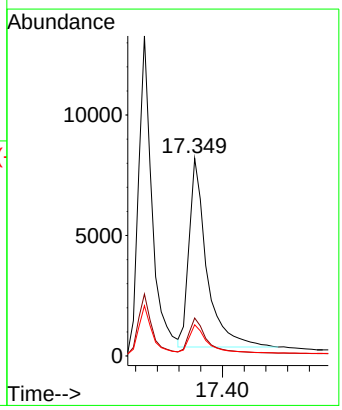


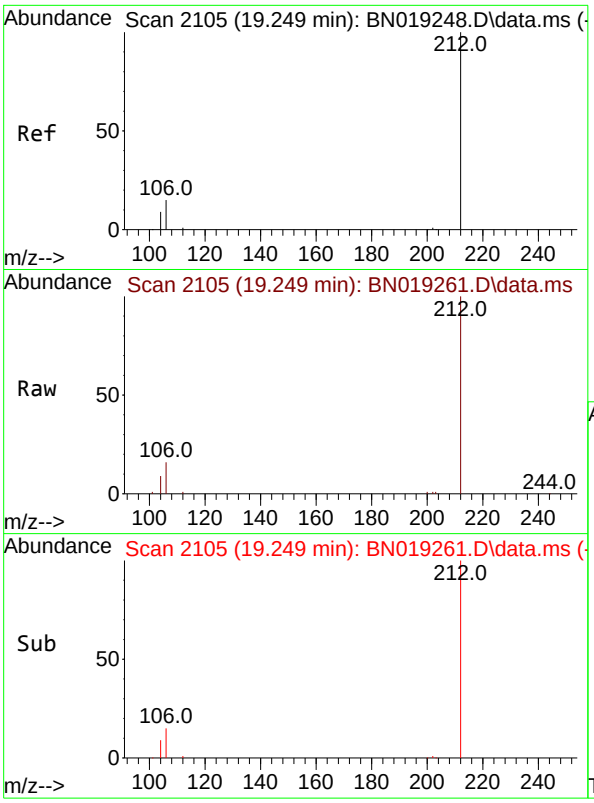


#26
Anthracene
Concen: 0.366 ng
RT: 17.349 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:178 Resp: 17761

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.3	12.2	18.4



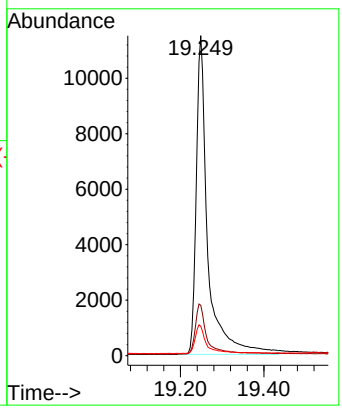


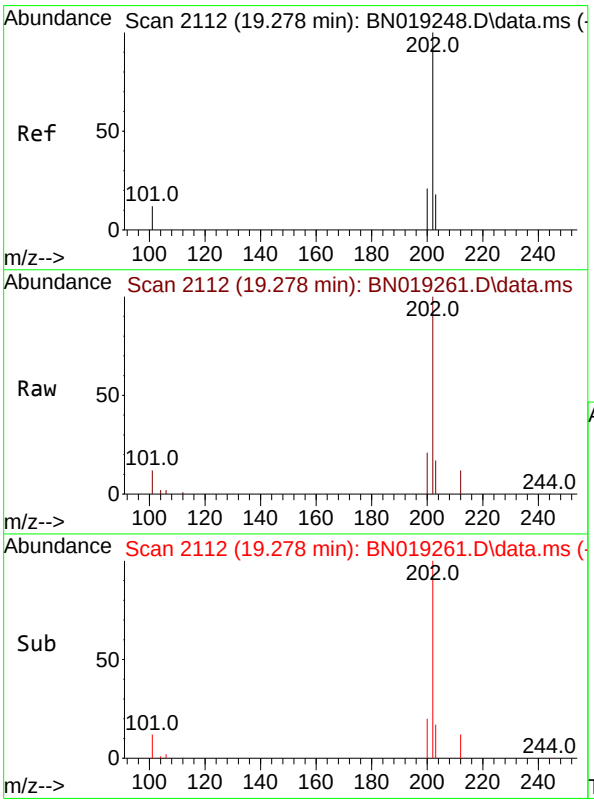
#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.249 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 21950

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.7	19.1
104	8.7	7.1	10.7

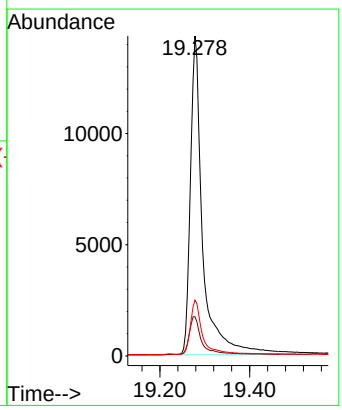


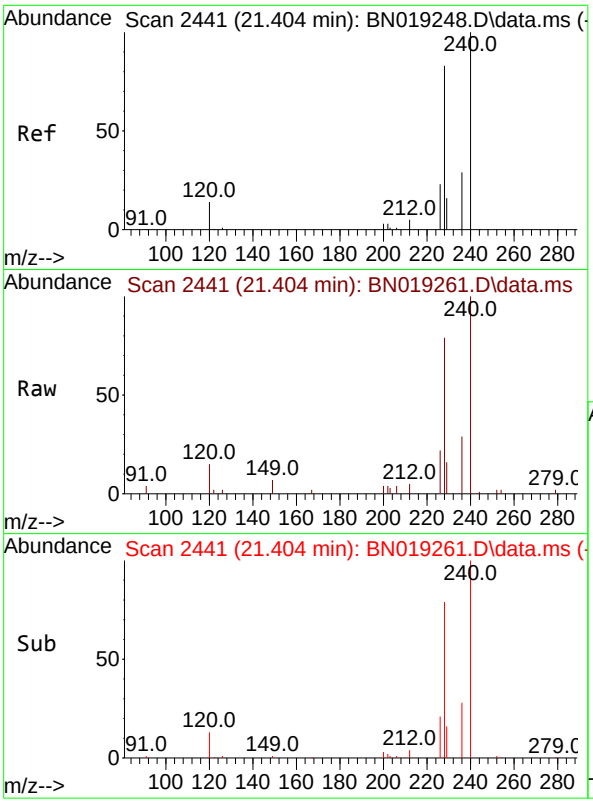


#28
Fluoranthene
Concen: 0.389 ng
RT: 19.278 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:202 Resp: 27220

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.6
203	16.7	13.7	20.5



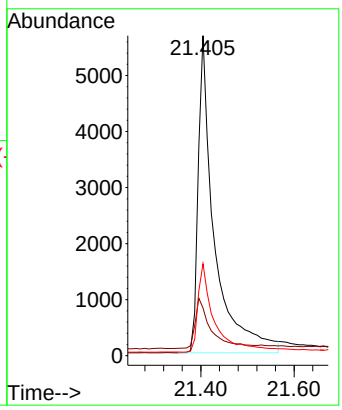


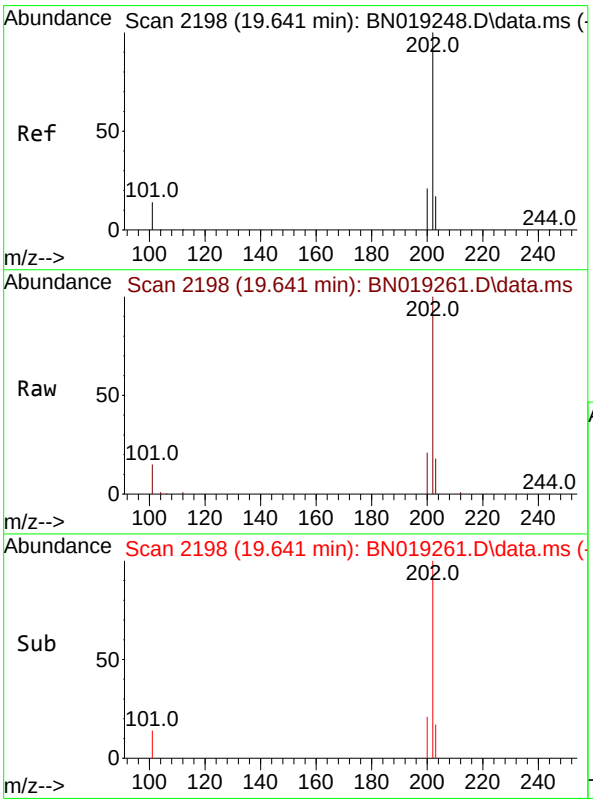
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 13656

Ion	Ratio	Lower	Upper
240	100		
120	14.9	8.5	12.7#
236	28.7	22.4	33.6

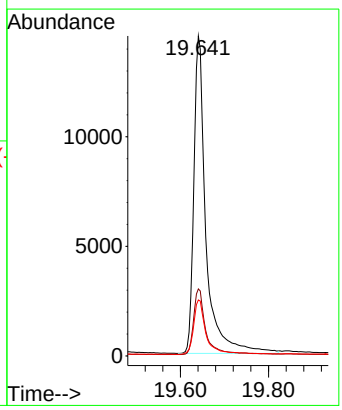


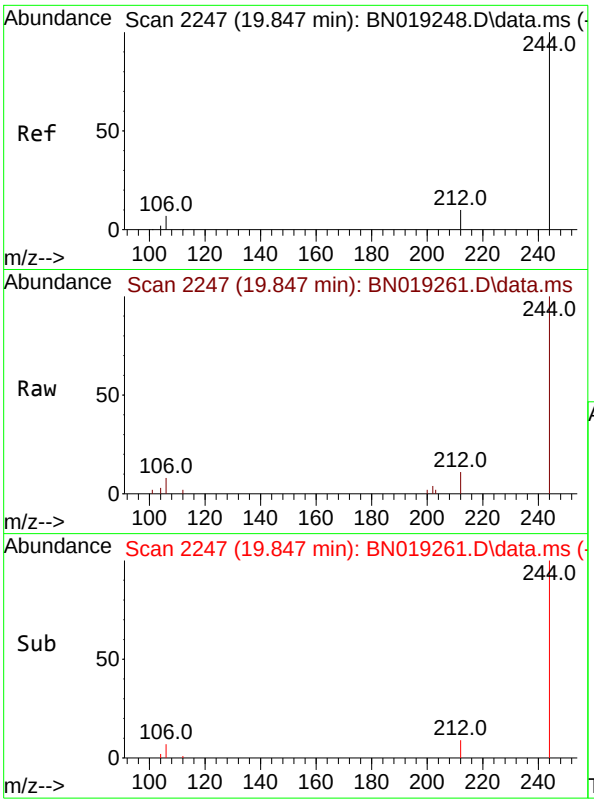


#30
Pyrene
Concen: 0.411 ng
RT: 19.641 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:202 Resp: 27721

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.0	14.2	21.2



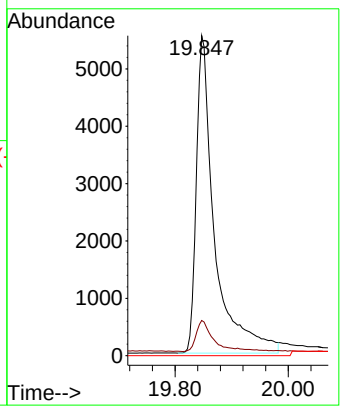


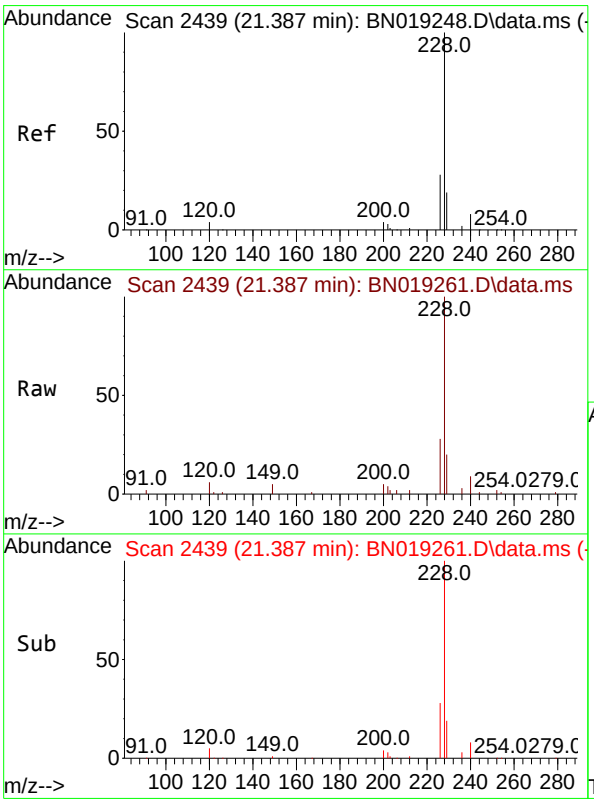
#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.847 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 12390

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

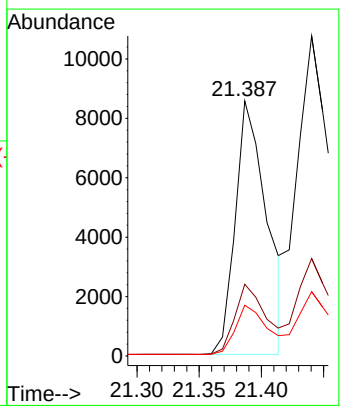


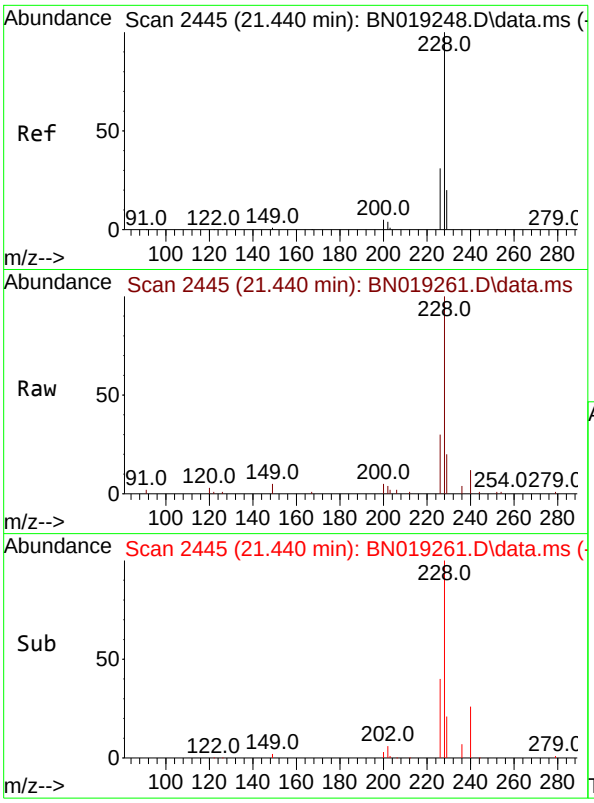


#32
Benzo(a)anthracene
Concen: 0.350 ng
RT: 21.387 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:228 Resp: 14958

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.9	32.9
229	19.9	16.0	24.0



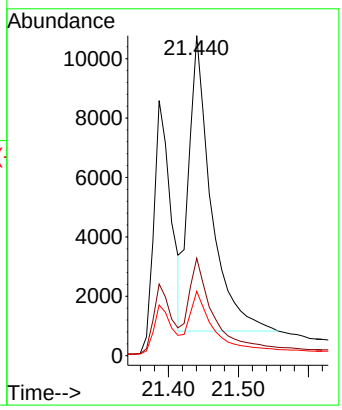


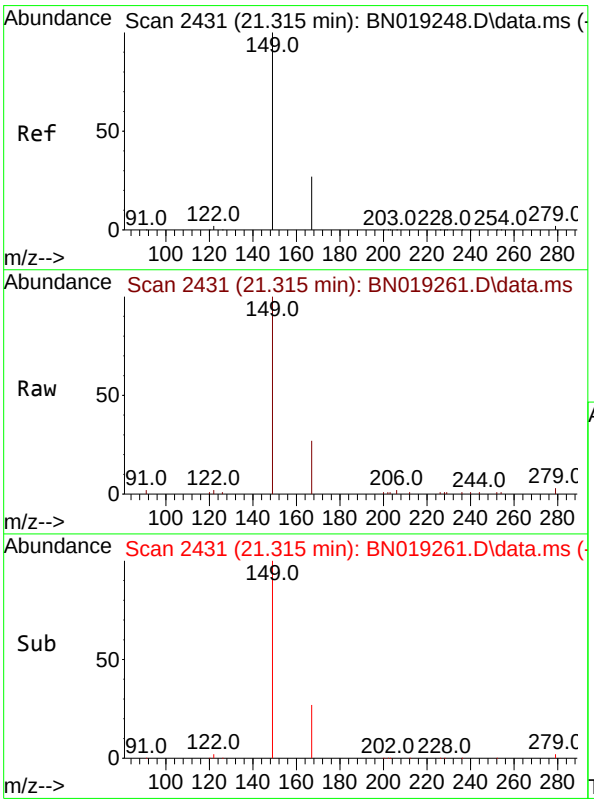
#33
Chrysene
Concen: 0.403 ng
RT: 21.440 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 22020

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	20.1	15.9	23.9

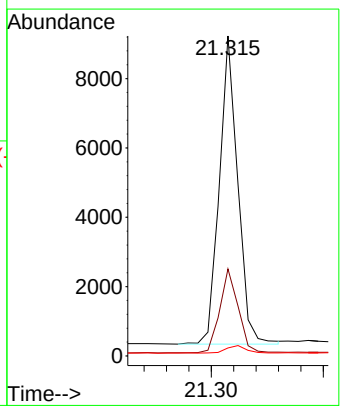


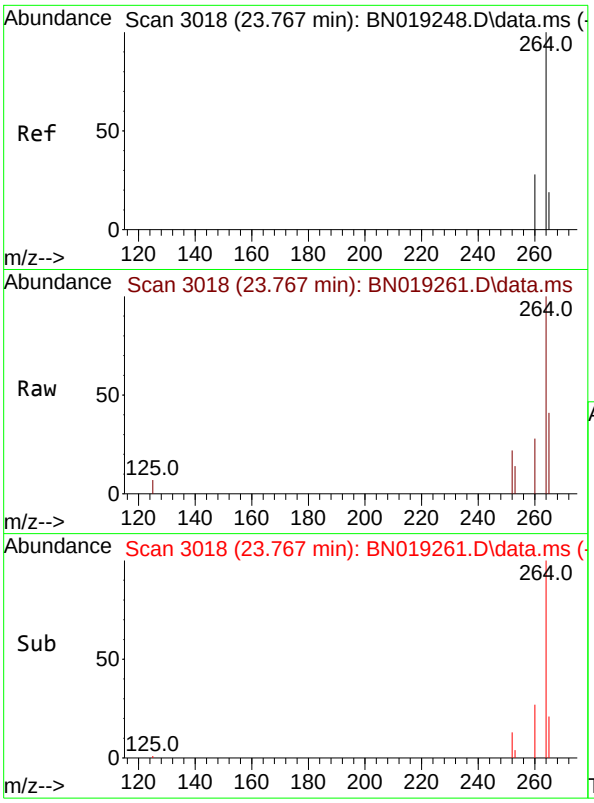


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.356 ng
RT: 21.315 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:149 Resp: 10169

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	2.9	2.0	3.0



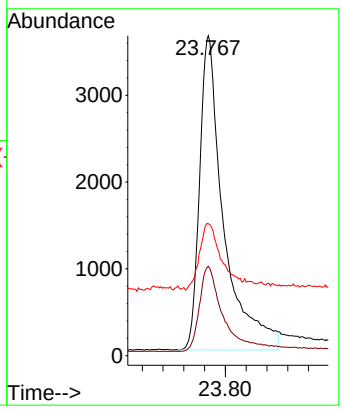


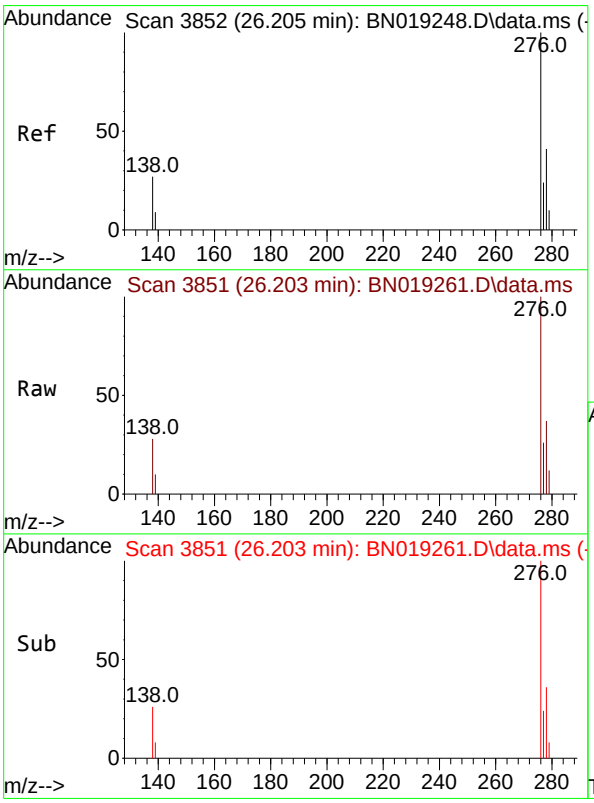
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.767 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 11613

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.4	33.6
265	41.3	25.3	37.9#

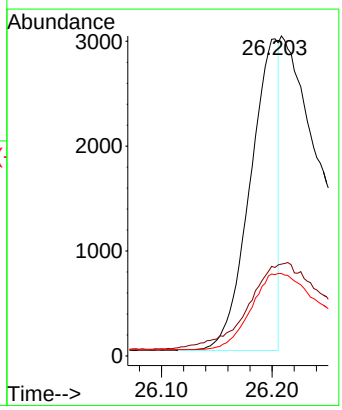


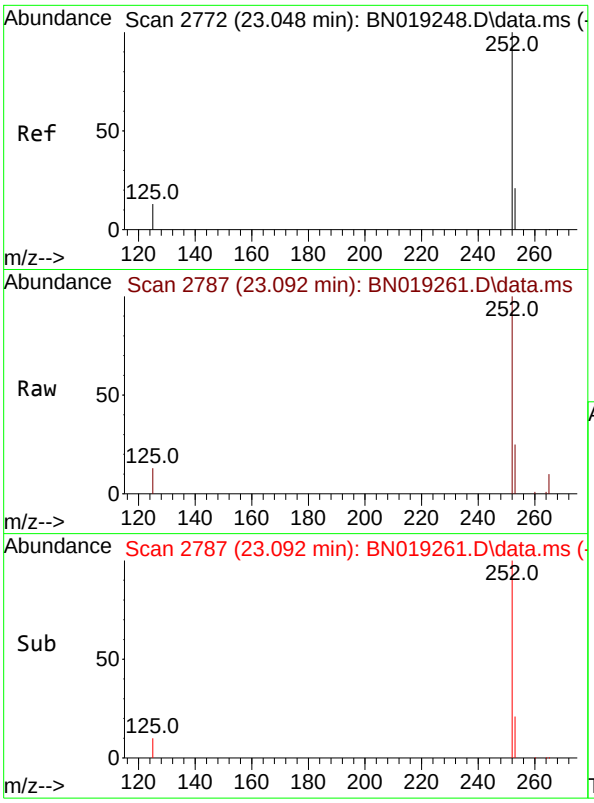


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng
RT: 26.203 min Scan# 3851
Delta R.T. -0.003 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:276 Resp: 5287

Ion	Ratio	Lower	Upper
276	100		
138	89.8	24.5	36.7#
277	76.5	19.8	29.8#



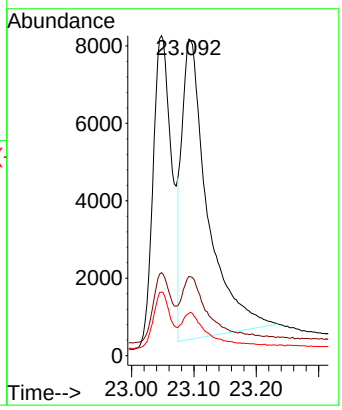


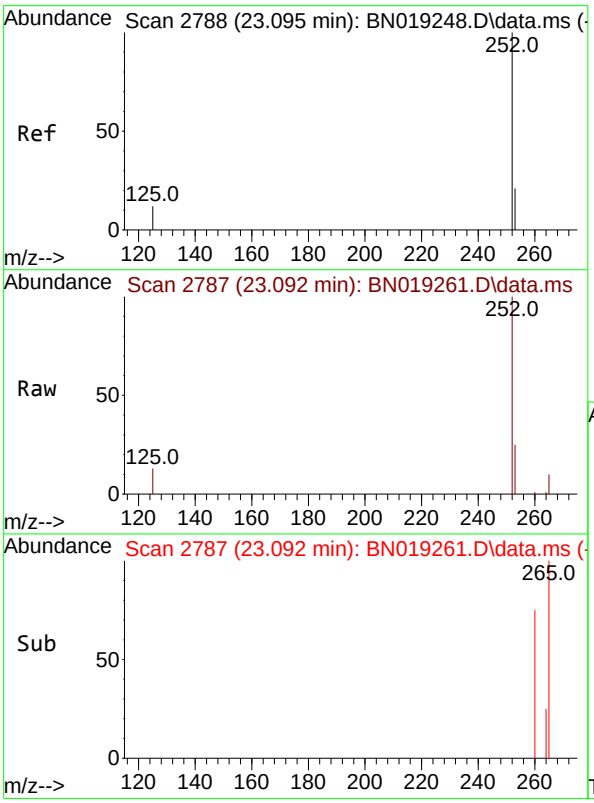
#37
Benzo(b)fluoranthene
Concen: 0.515 ng
RT: 23.092 min Scan# 2
Delta R.T. 0.044 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 22218

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	13.4	12.1	18.1

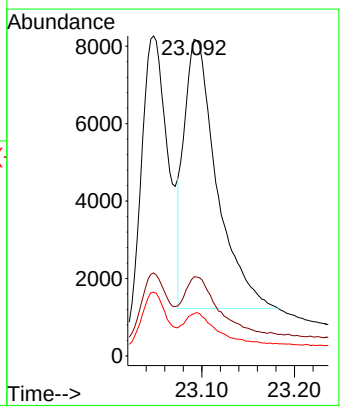


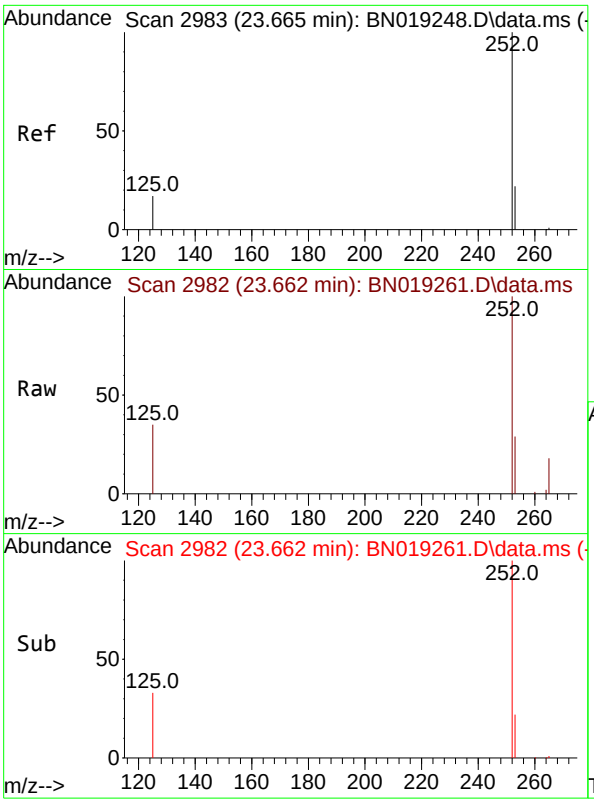


#38
Benzo(k)fluoranthene
Concen: 0.363 ng
RT: 23.092 min Scan# 2787
Delta R.T. -0.003 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:252 Resp: 16905

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	13.4	10.3	15.5



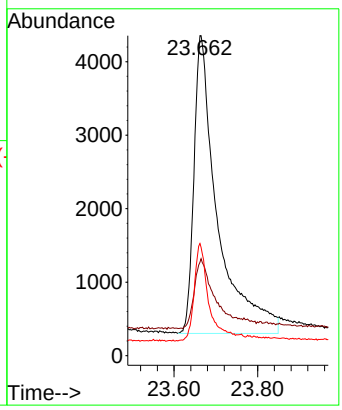


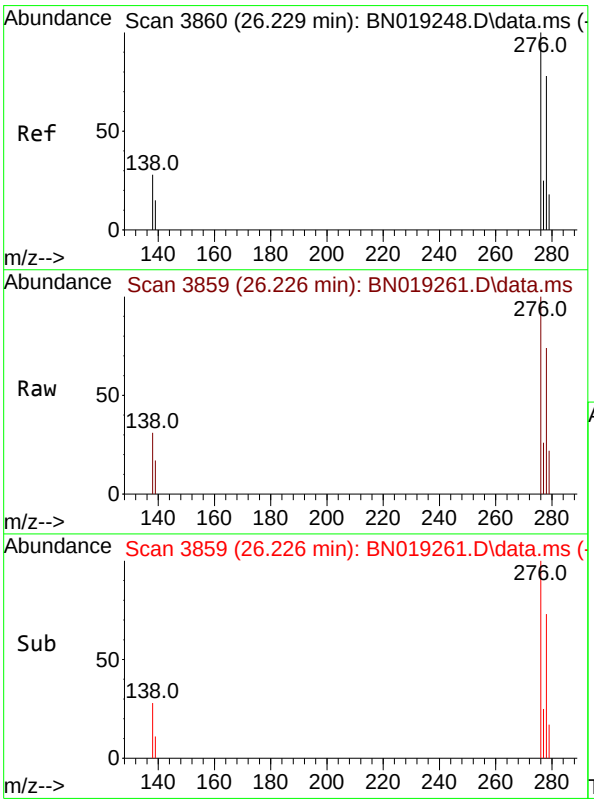
#39
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.662 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 15847

Ion	Ratio	Lower	Upper
252	100		
253	29.2	20.1	30.1
125	35.0	15.2	22.8#

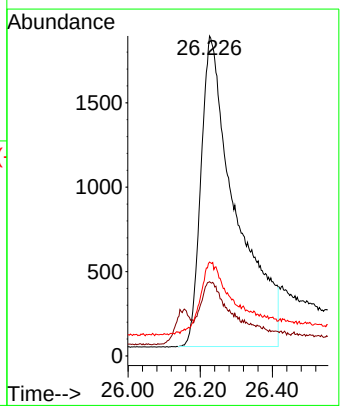


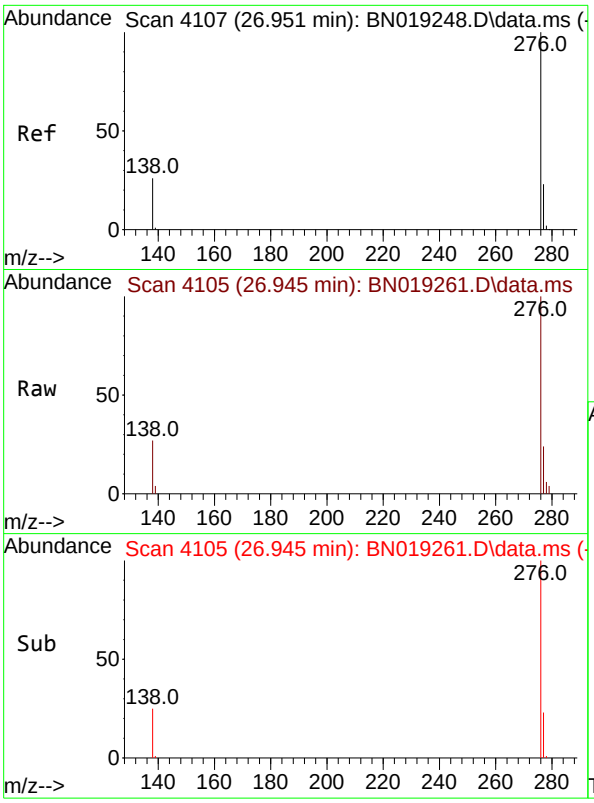


#40
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 26.226 min Scan# 3859
Delta R.T. -0.003 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Tgt Ion:278 Resp: 12304

Ion	Ratio	Lower	Upper
278	100		
139	23.2	17.2	25.8
279	29.3	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 26.945 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019261.D
Acq: 31 Mar 2022 20:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 17754

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	26.9	21.0	31.6