Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019692.D
Acq On : 05 May 2022 09:02
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 05 09:40:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	6323	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	18785	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	10588	0.400	ng	-0.01
19) Phenanthrene-d10	17.215	188	20564	0.400	ng	0.00
29) Chrysene-d12	21.405	240	14986	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	13004	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	6371	0.432	ng	0.00
5) Phenol-d6	7.024	99	7788	0.431	ng	0.00
8) Nitrobenzene-d5	9.004	82	5903	0.388	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	12304	0.402	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	1457	0.372	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	17756	0.389	ng	0.00
27) Fluoranthene-d10	19.244	212	21600	0.379	ng	0.00
31) Terphenyl-d14	19.847	244	14895	0.424	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	2741	0.374	ng	95
3) n-Nitrosodimethylamine	3.680	42	2866	0.379	ng	# 88
6) bis(2-Chloroethyl)ether	7.284	93	7388	0.404	ng	100
9) Naphthalene	10.701	128	21414	0.398	ng	100
10) Hexachlorobutadiene	11.000	225	4189	0.404	ng	# 98
12) 2-Methylnaphthalene	12.310	142	14188	0.403	ng	100
16) Acenaphthylene	14.196	152	20030	0.392	ng	99
17) Acenaphthene	14.538	154	13538	0.385	ng	99
18) Fluorene	15.522	166	16735	0.388	ng	100
20) 4,6-Dinitro-2-methylph...	15.596	198	996	0.319	ng	# 90
21) 4-Bromophenyl-phenylether	16.415	248	5301	0.399	ng	# 76
22) Hexachlorobenzene	16.528	284	5898	0.401	ng	98
23) Atrazine	16.672	200	3264	0.384	ng	97
24) Pentachlorophenol	16.867	266	2115	0.384	ng	95
25) Phenanthrene	17.256	178	26800	0.393	ng	99
26) Anthracene	17.349	178	22671	0.392	ng	99
28) Fluoranthene	19.274	202	26530	0.373	ng	99
30) Pyrene	19.636	202	26586	0.429	ng	100
32) Benzo(a)anthracene	21.387	228	22413	0.422	ng	99
33) Chrysene	21.440	228	23369	0.402	ng	99
34) Bis(2-ethylhexyl)phtha...	21.324	149	13354	0.475	ng	# 100
36) Indeno(1,2,3-cd)pyrene	26.153	276	22974	0.389	ng	100
37) Benzo(b)fluoranthene	23.033	252	20334	0.378	ng	93
38) Benzo(k)fluoranthene	23.080	252	21637	0.380	ng	# 92
39) Benzo(a)pyrene	23.639	252	16286	0.399	ng	# 90
40) Dibenzo(a,h)anthracene	26.167	278	18439	0.383	ng	98
41) Benzo(g,h,i)perylene	26.884	276	18489	0.388	ng	99

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

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Time: May 05 09:40:22 2022
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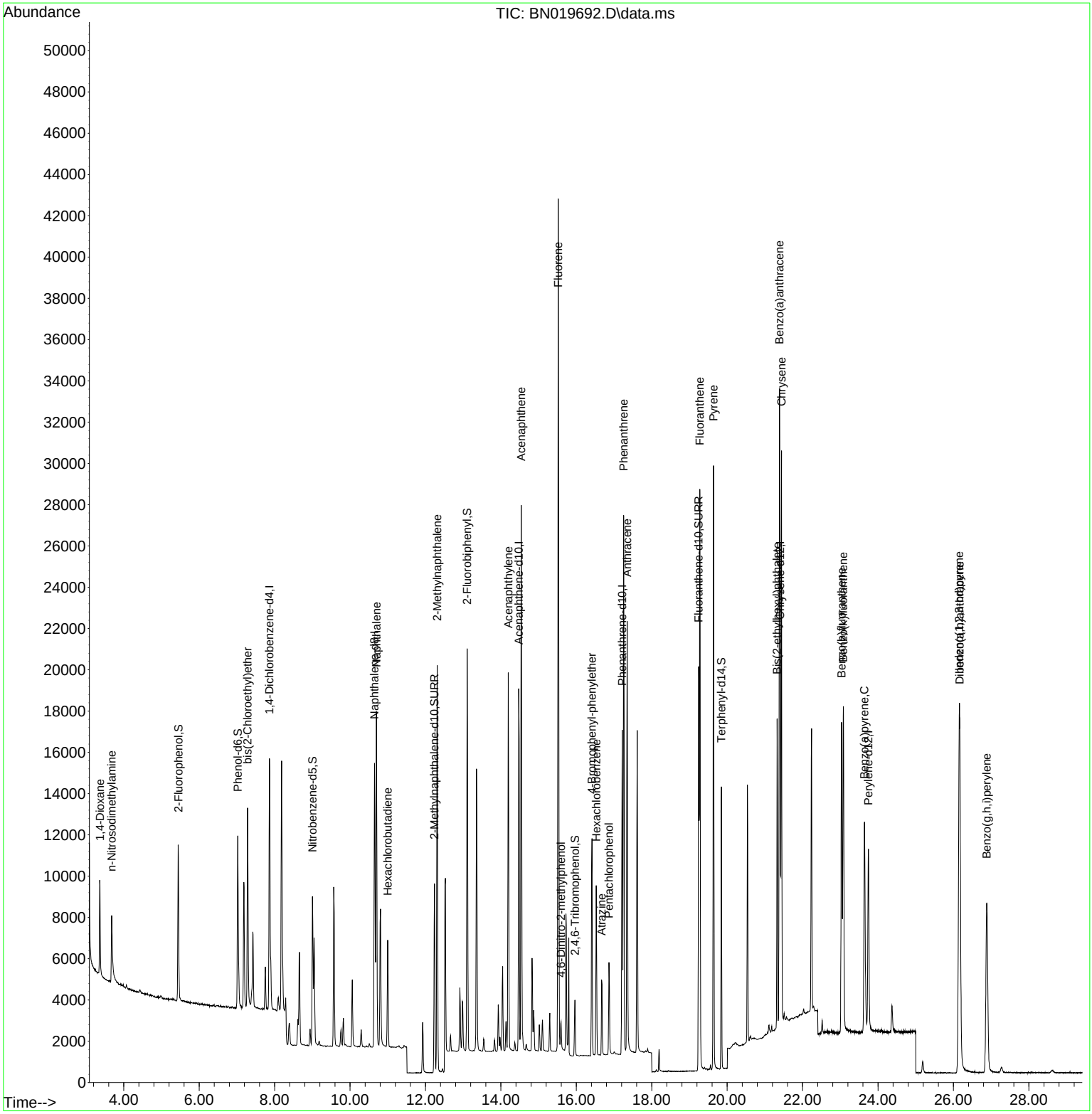
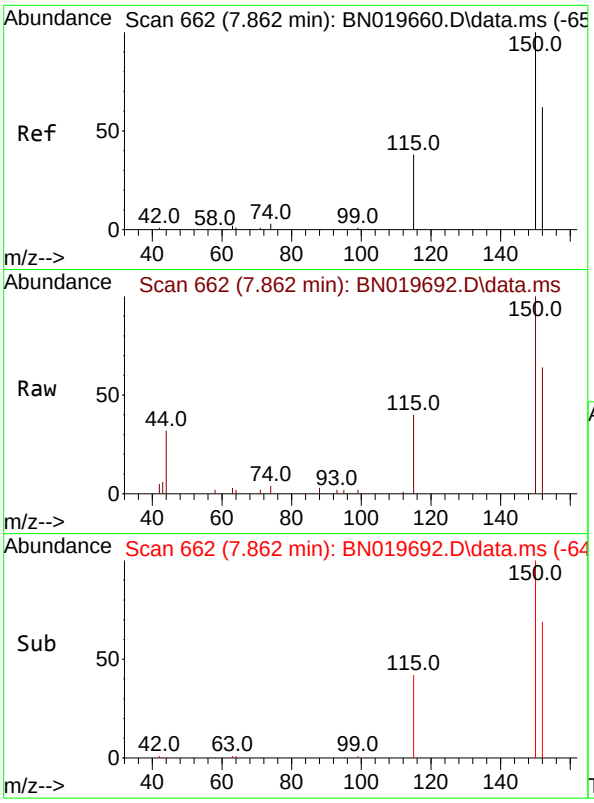
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration



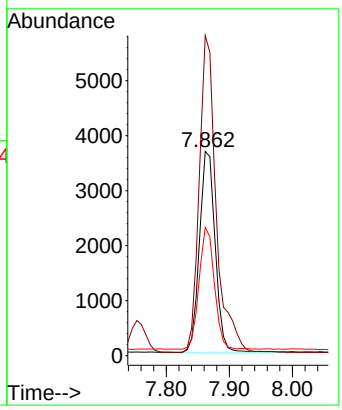


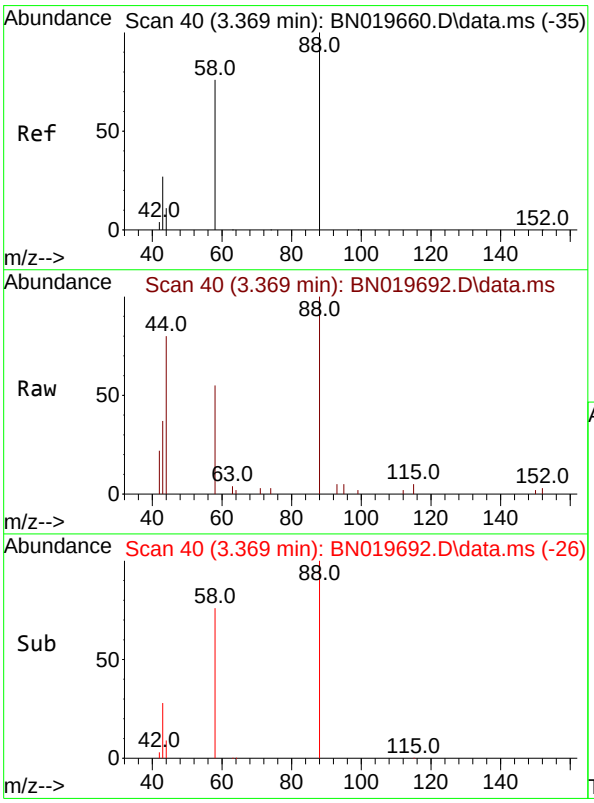
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.862 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6323

Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.6	183.8
115	62.9	49.0	73.6

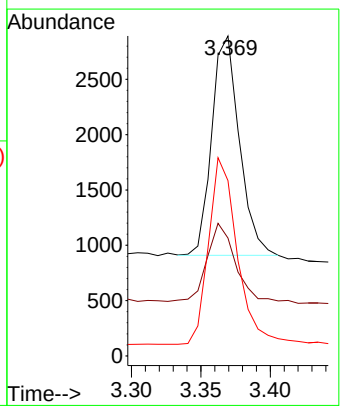


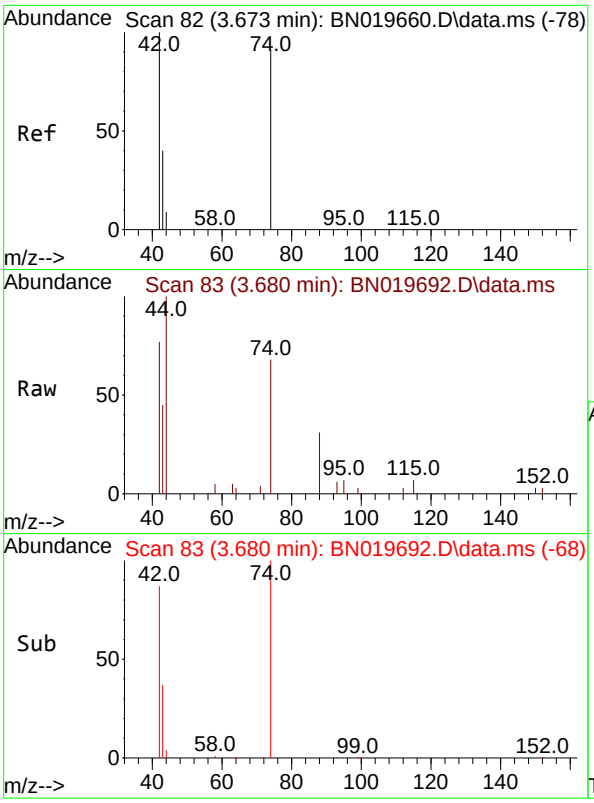


#2
1,4-Dioxane
Concen: 0.374 ng
RT: 3.369 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion: 88 Resp: 2741

Ion	Ratio	Lower	Upper
88	100		
43	35.7	25.2	37.8
58	87.6	67.6	101.4



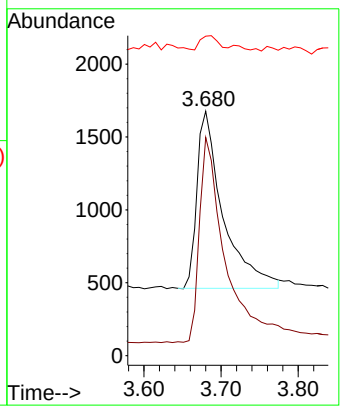


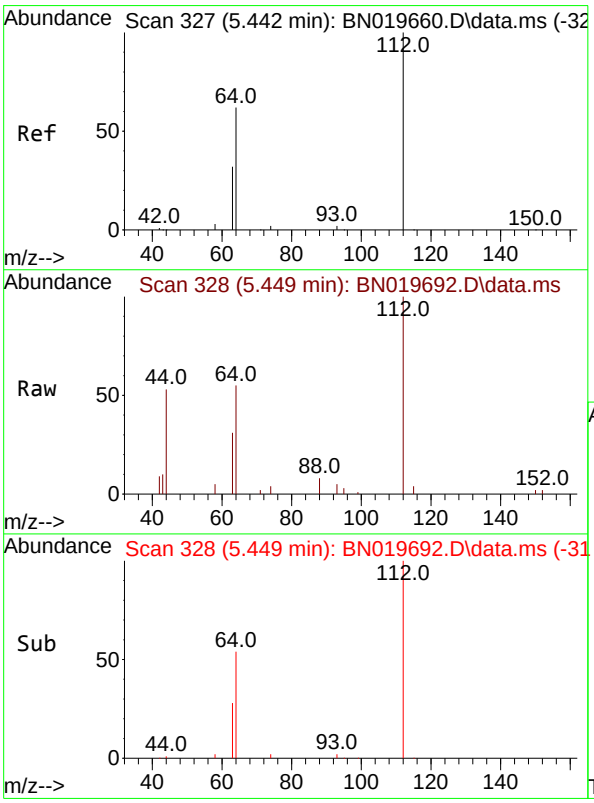
#3
n-Nitrosodimethylamine
Concen: 0.379 ng
RT: 3.680 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2866

Ion	Ratio	Lower	Upper
42	100		
74	114.1	101.8	152.6
44	5.5	8.4	12.6#

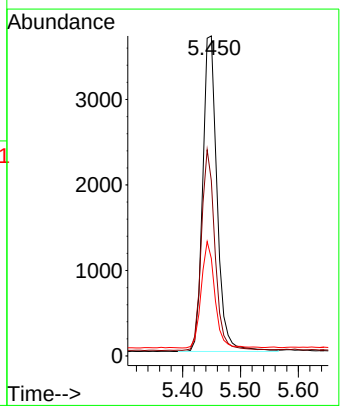


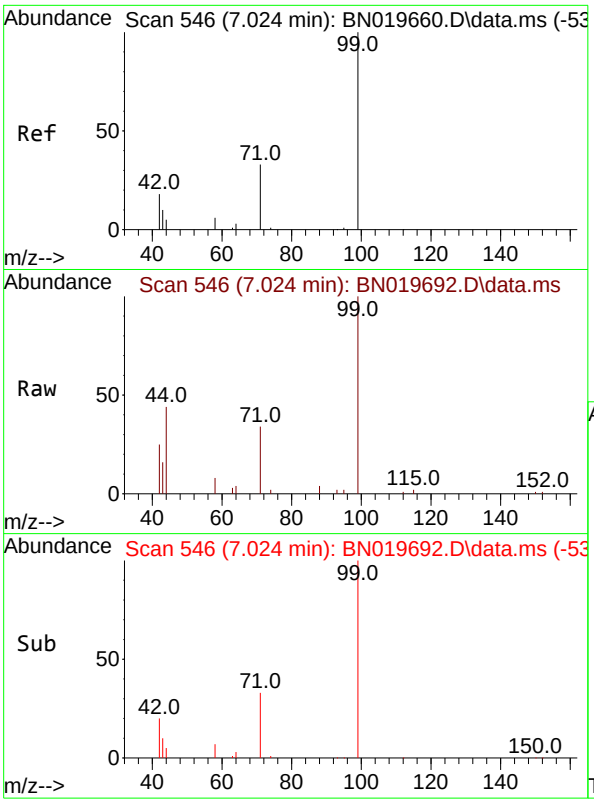


#4
2-Fluorophenol
Concen: 0.432 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:112 Resp: 6371

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.3	70.9
63	32.2	24.6	36.8



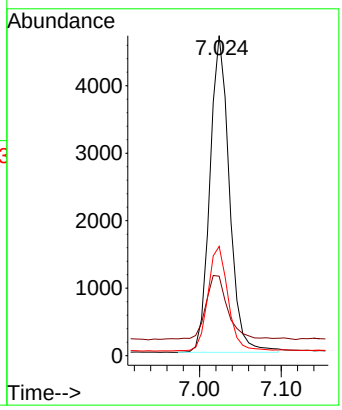


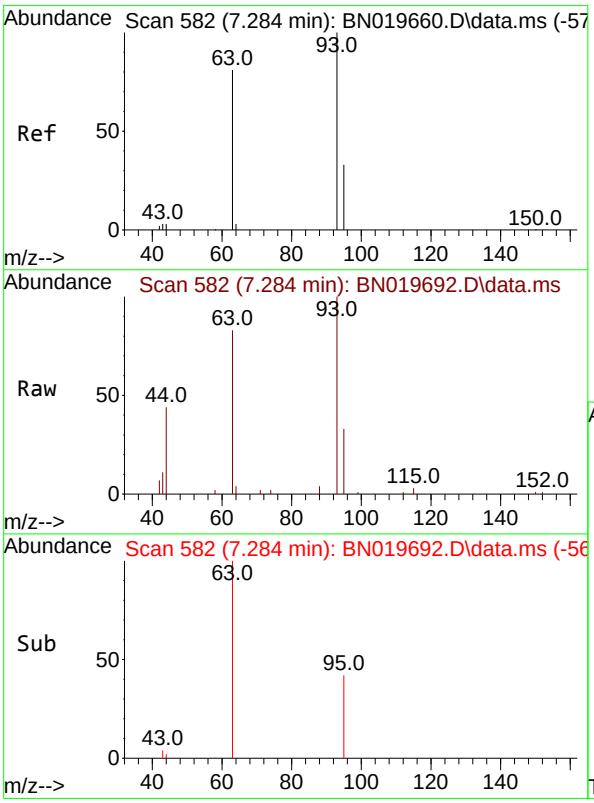
#5
Phenol-d6
Concen: 0.431 ng
RT: 7.024 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 7788

Ion	Ratio	Lower	Upper
99	100		
42	23.5	15.8	23.8
71	34.0	26.5	39.7

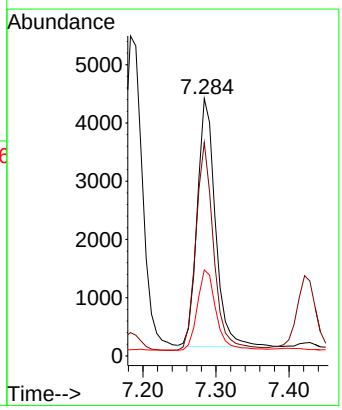


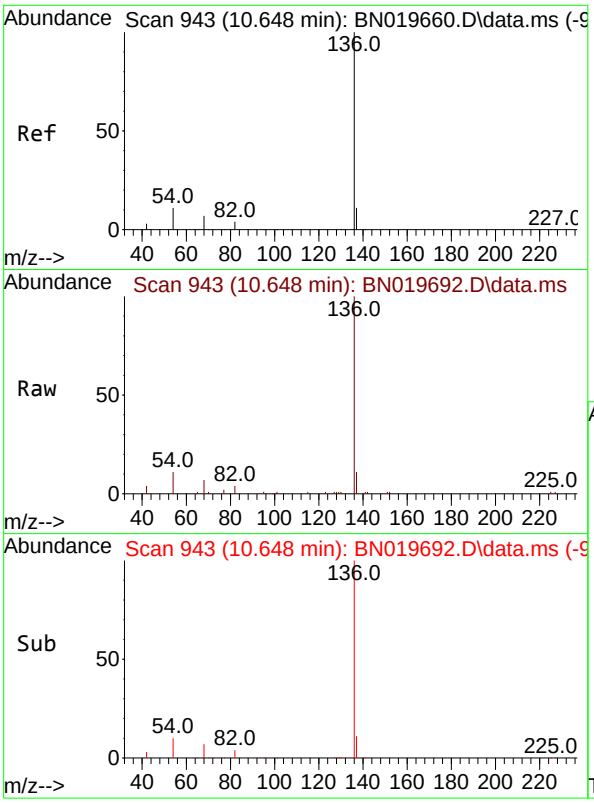


#6
bis(2-Chloroethyl)ether
Concen: 0.404 ng
RT: 7.284 min Scan# 582
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion: 93 Resp: 7388

Ion	Ratio	Lower	Upper
93	100		
63	82.3	65.8	98.8
95	33.4	27.4	41.2



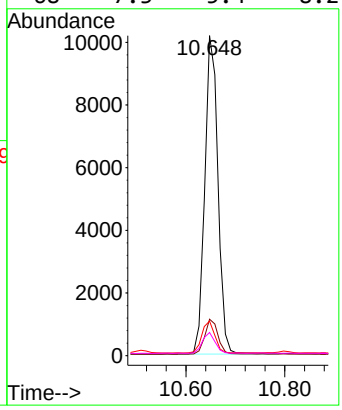


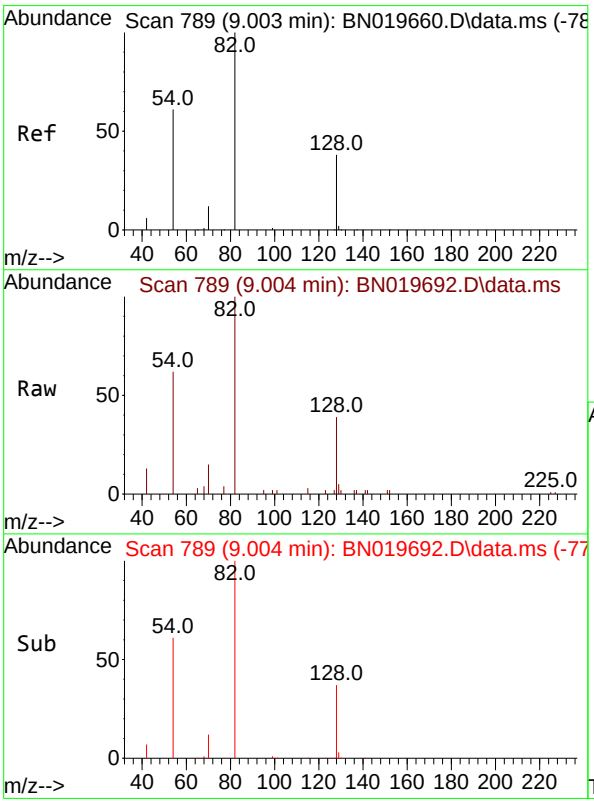
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 18785

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.8	7.8	11.6
68	7.3	5.4	8.2

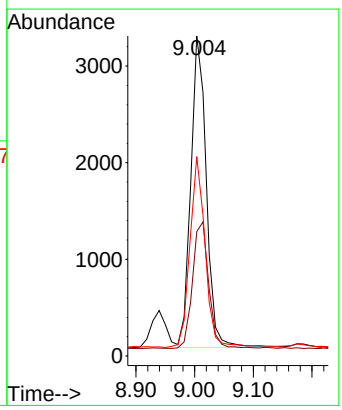


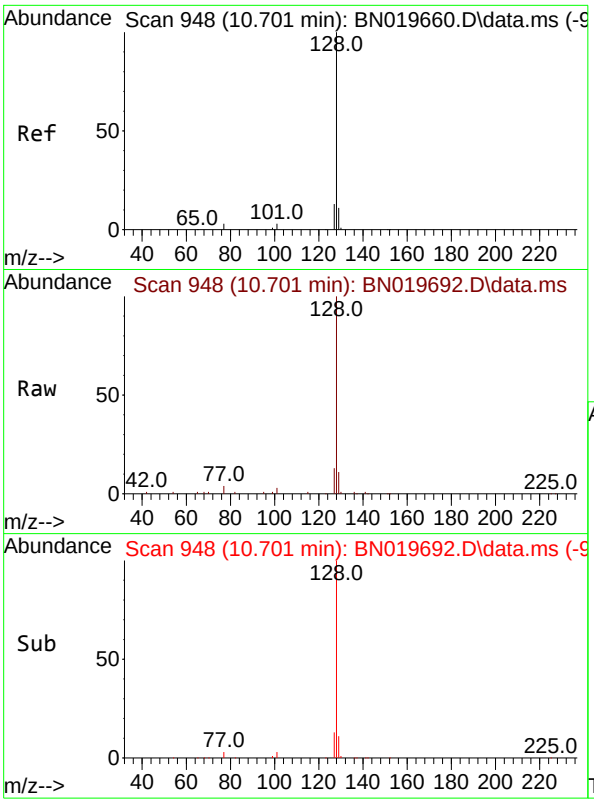


#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 9.004 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion: 82 Resp: 5903

Ion	Ratio	Lower	Upper
82	100		
128	38.9	32.4	48.6
54	62.3	44.4	66.6



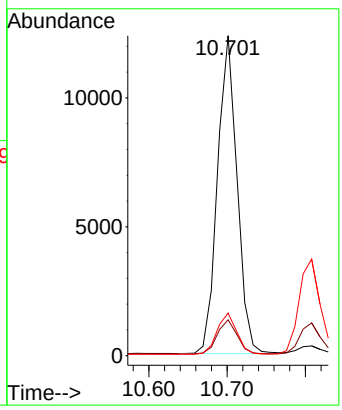


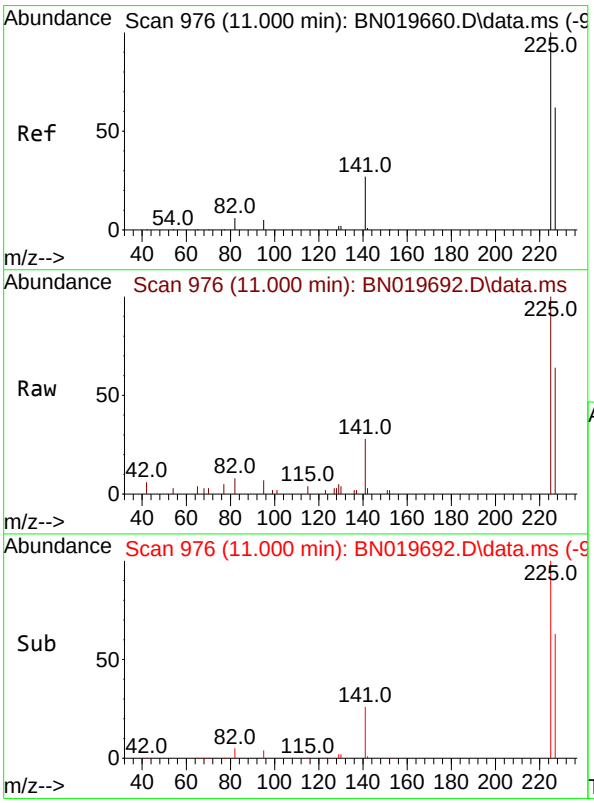
#9
Naphthalene
Concen: 0.398 ng
RT: 10.701 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 21414

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.8	16.2

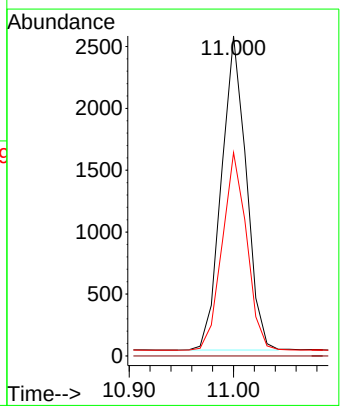


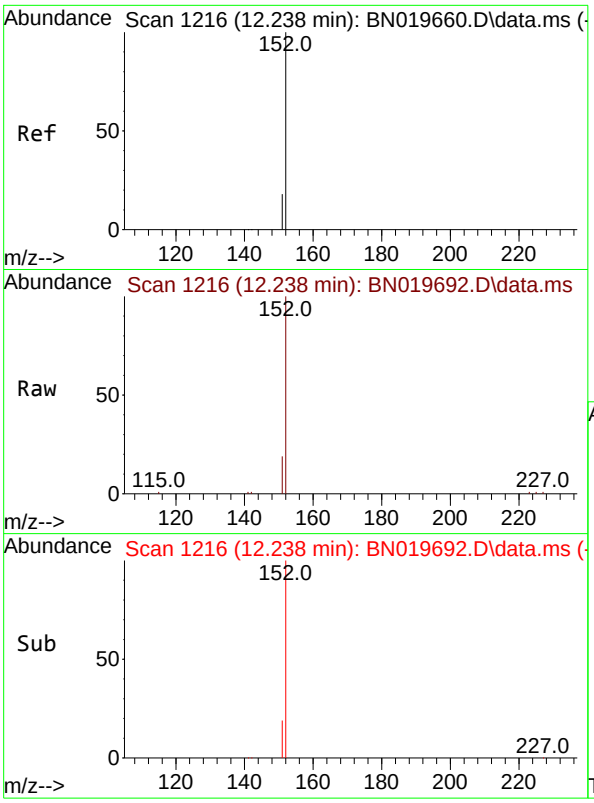


#10
Hexachlorobutadiene
Concen: 0.404 ng
RT: 11.000 min Scan# 976
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:225 Resp: 4189

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.3	50.8	76.2



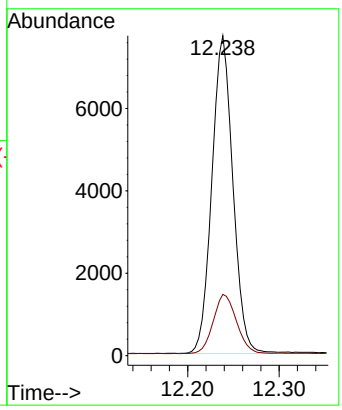


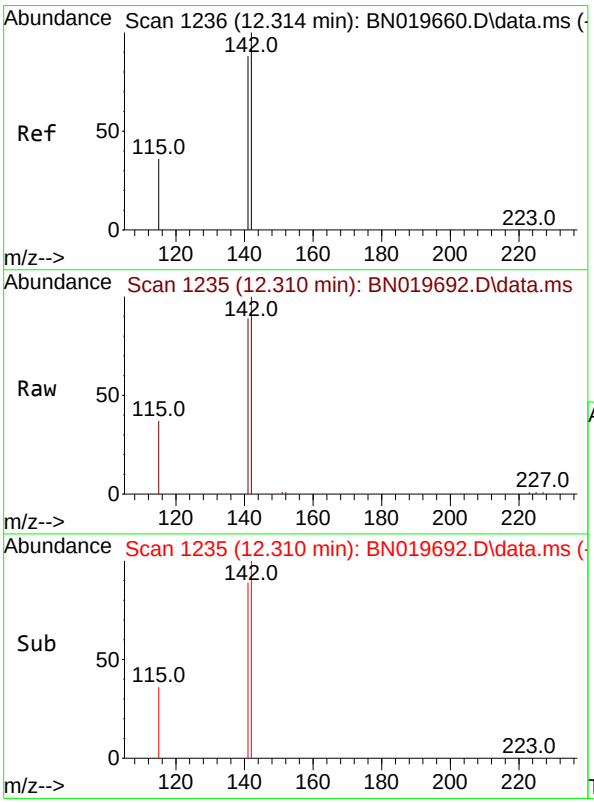
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.238 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 12304

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4

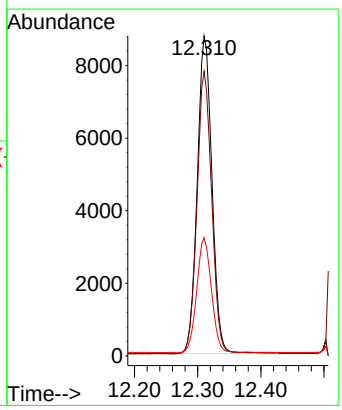


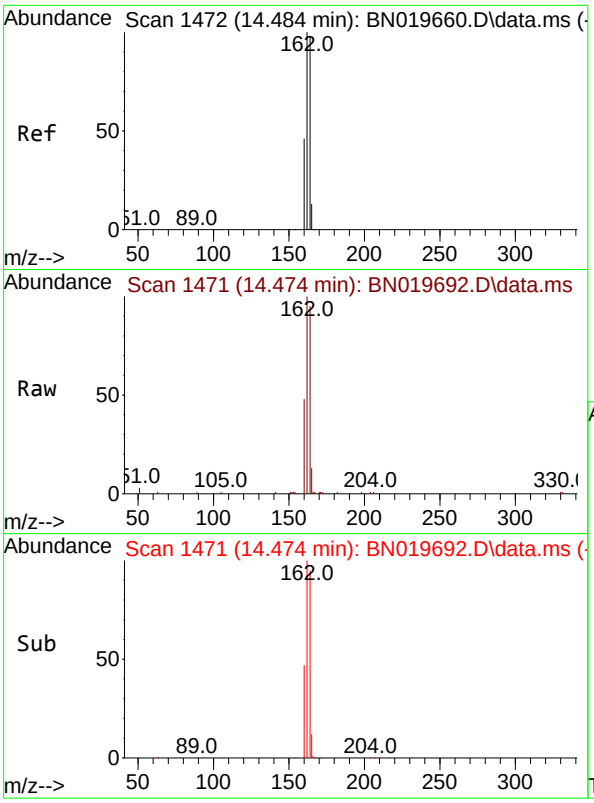


#12
2-Methylnaphthalene
Concen: 0.403 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:142 Resp: 14188

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	37.0	29.6	44.4



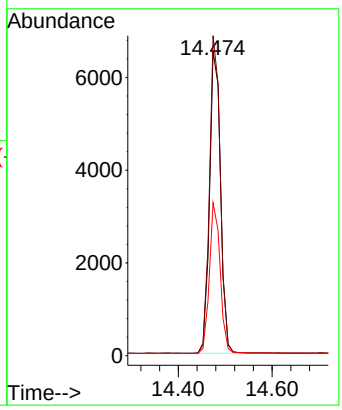


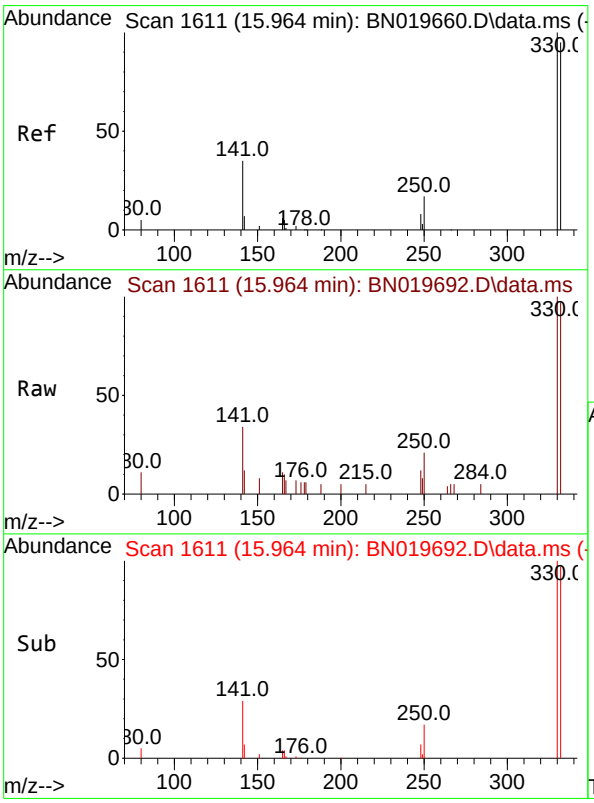
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 10588

Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.8	122.6
160	50.3	38.3	57.5

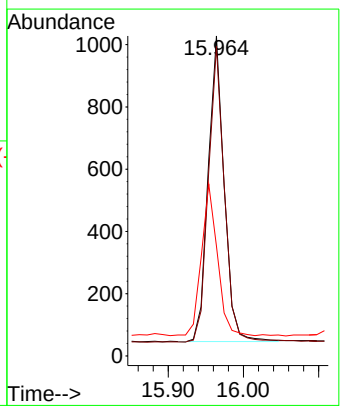


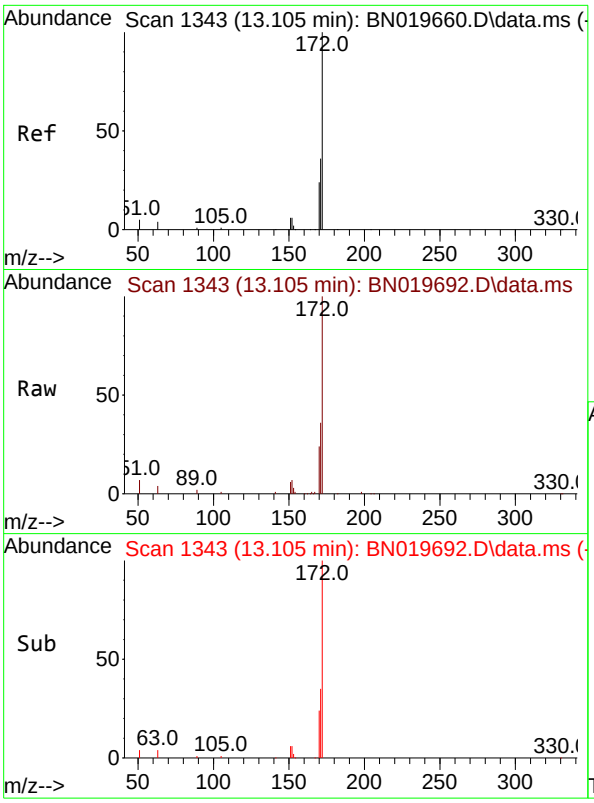


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:330 Resp: 1457

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	49.3	39.7	59.5



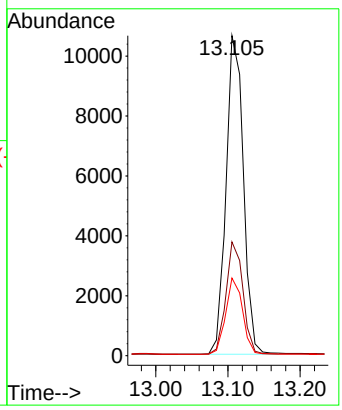


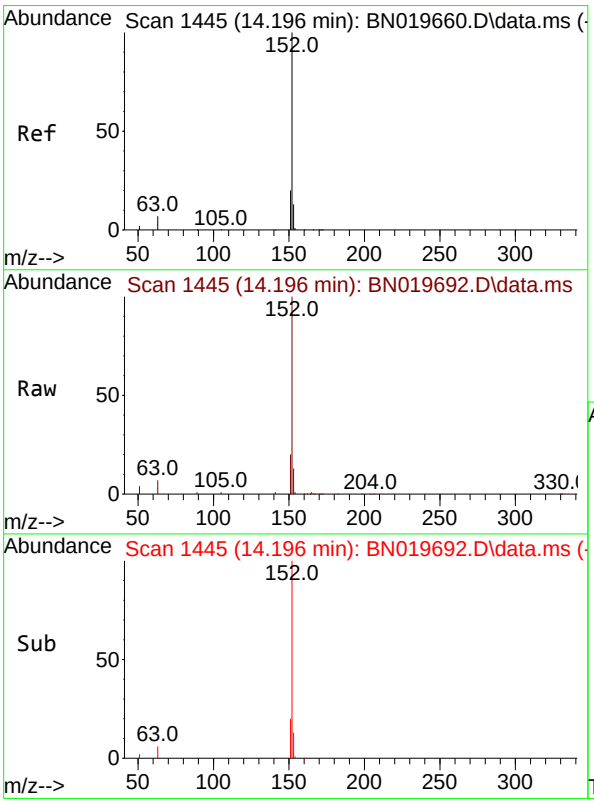
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 17756

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.0	42.0
170	24.3	19.0	28.4

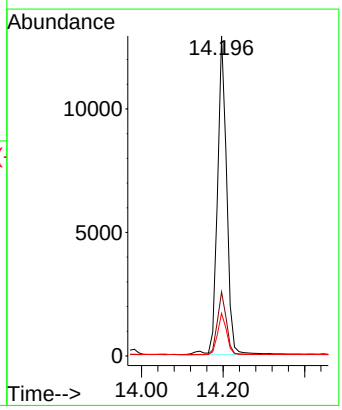


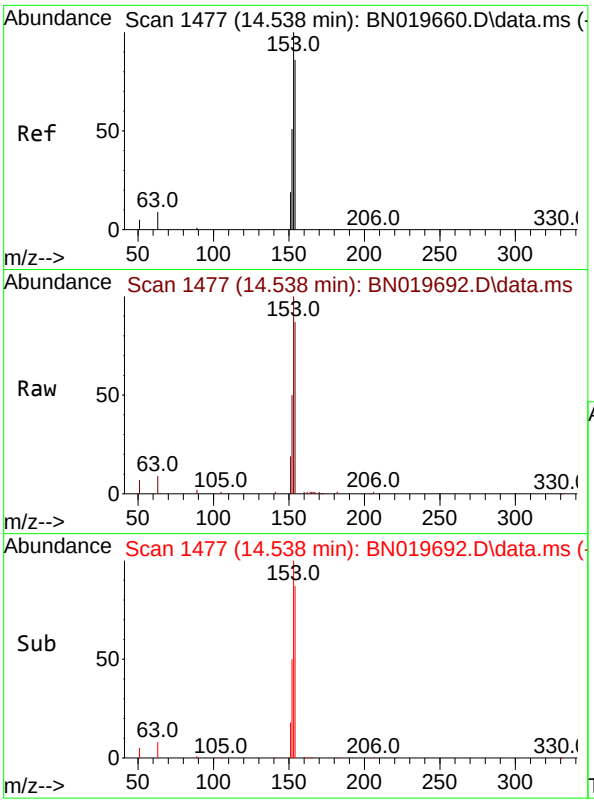


#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.196 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:152 Resp: 20030

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4
153	12.9	10.5	15.7



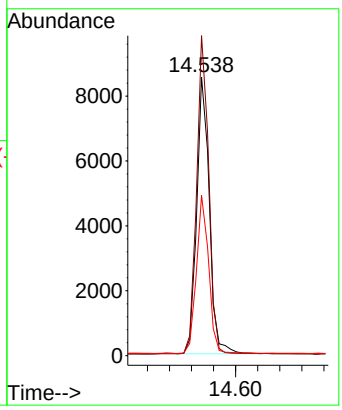


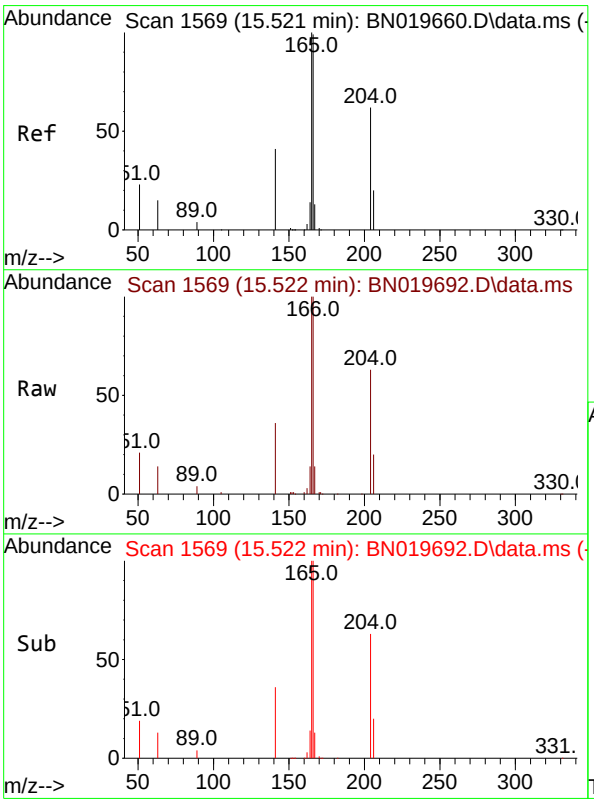
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 13538

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.3	133.9
152	55.6	44.1	66.1

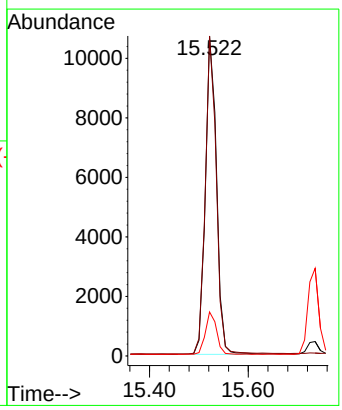


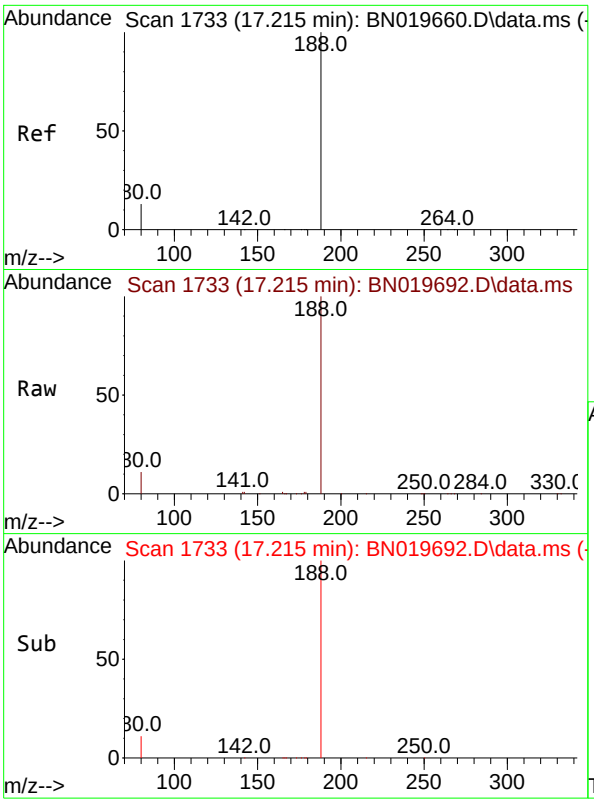


#18
Fluorene
Concen: 0.388 ng
RT: 15.522 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:166 Resp: 16735

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.1	118.7
167	13.4	10.7	16.1



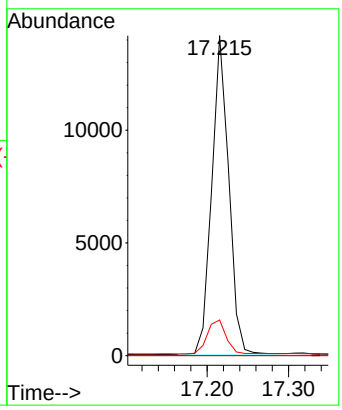


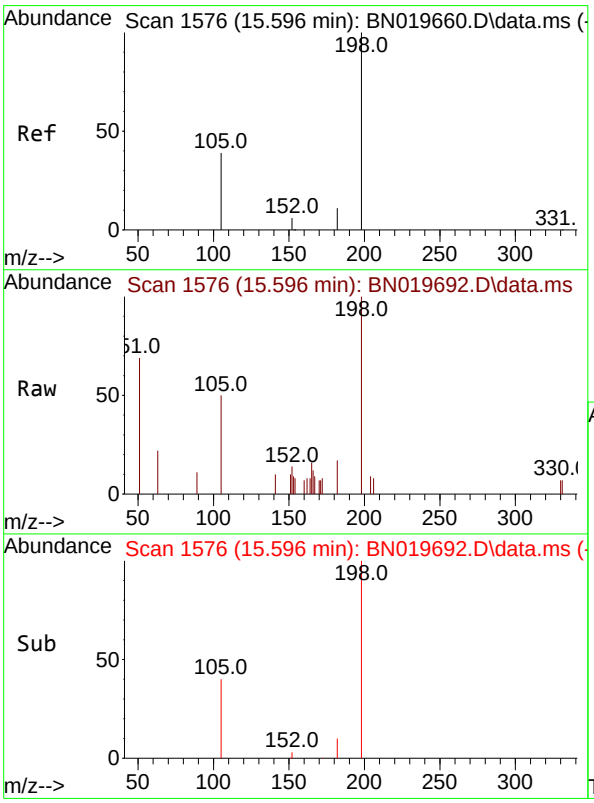
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 20564

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	8.6	12.8

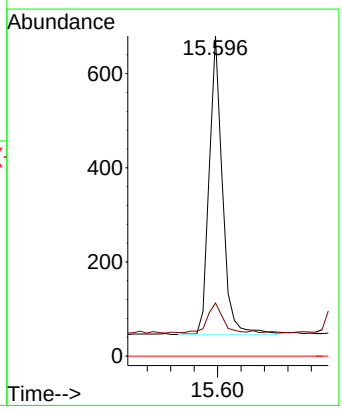


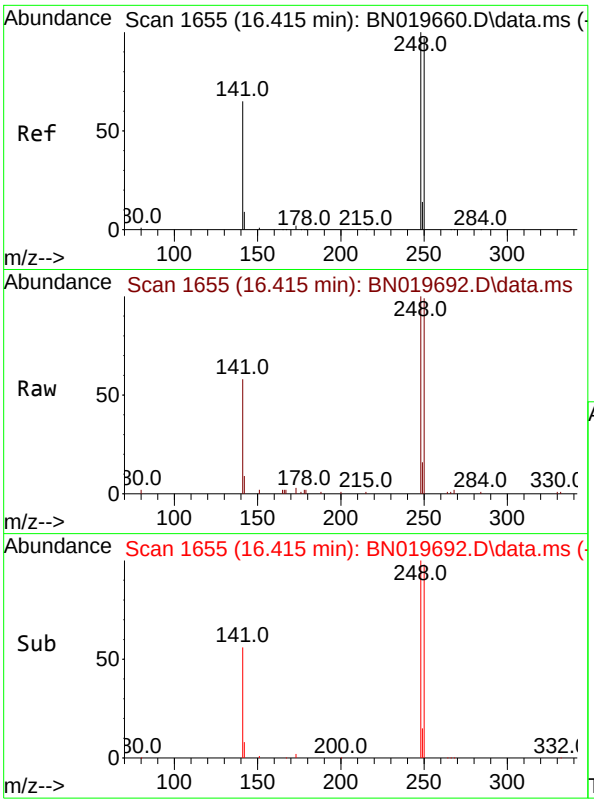


#20
4,6-Dinitro-2-methylphenol
Concen: 0.319 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:198 Resp: 996

Ion	Ratio	Lower	Upper
198	100		
182	16.6	16.9	25.3#
77	0.0	0.0	0.0



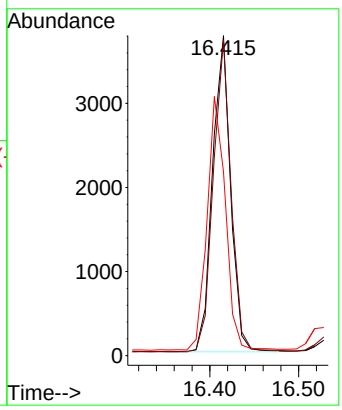


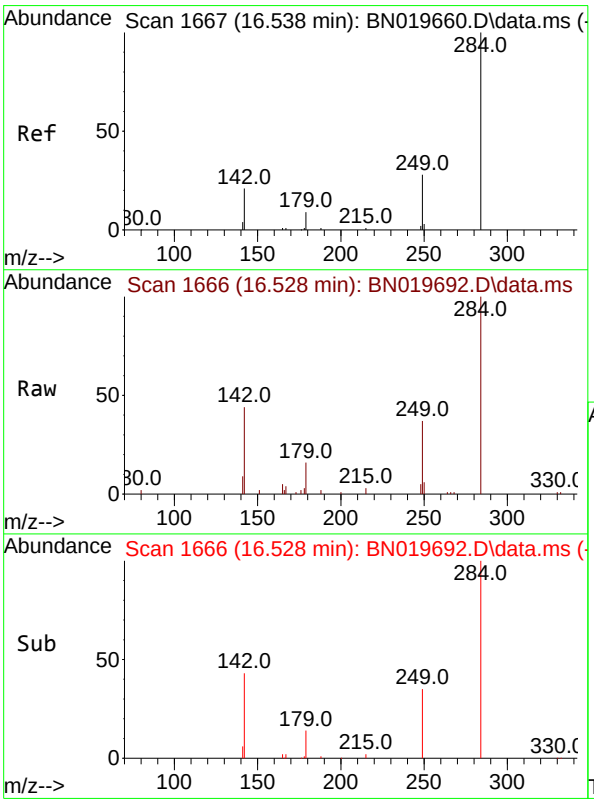
#21
4-Bromophenyl-phenylether
Concen: 0.399 ng
RT: 16.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 5301

Ion	Ratio	Lower	Upper
248	100		
250	98.5	75.5	113.3
141	57.5	79.9	119.9#

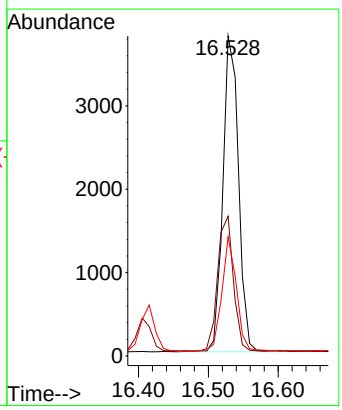


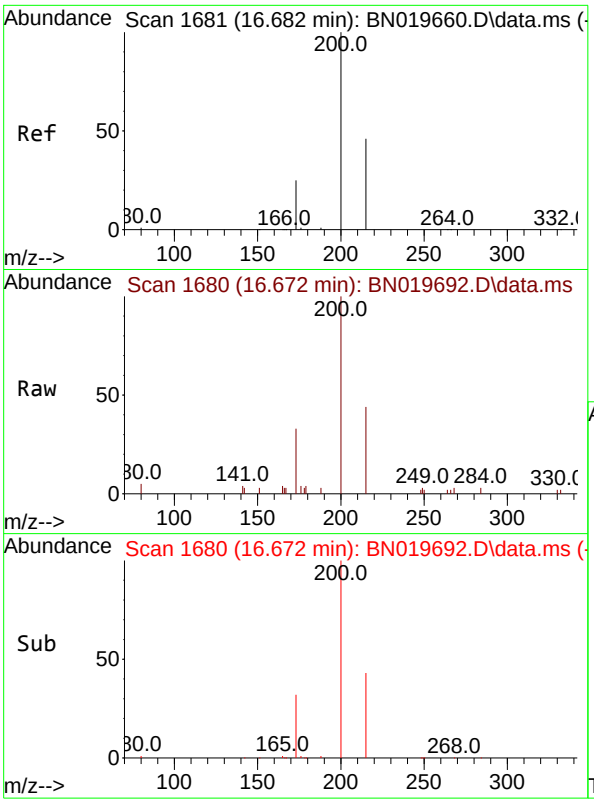


#22
Hexachlorobenzene
Concen: 0.401 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.010 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:284 Resp: 5898

Ion	Ratio	Lower	Upper
284	100		
142	43.2	33.2	49.8
249	33.3	26.4	39.6



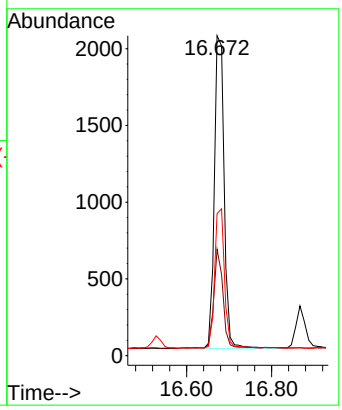


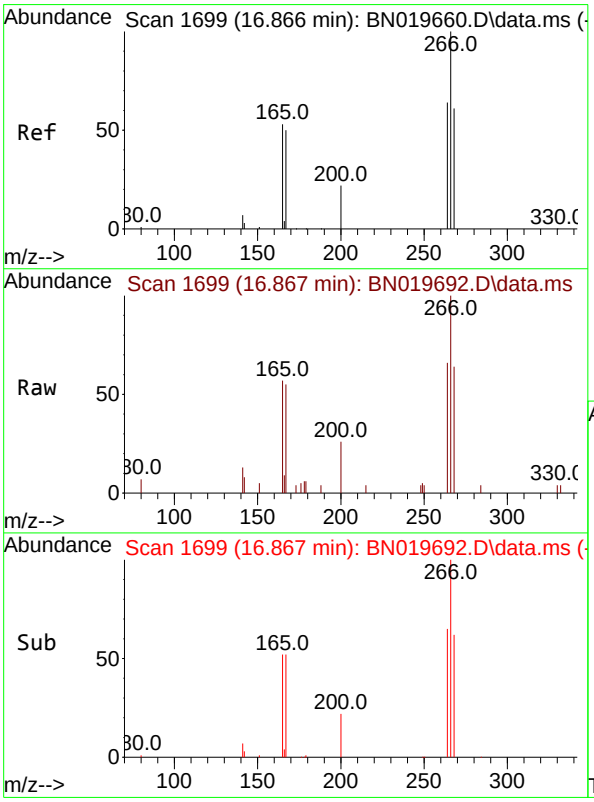
#23
Atrazine
Concen: 0.384 ng
RT: 16.672 min Scan# 1(
Delta R.T. -0.010 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 3264

Ion	Ratio	Lower	Upper
200	100		
173	33.2	28.5	42.7
215	44.4	37.0	55.4

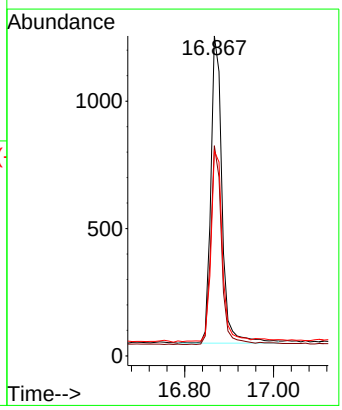


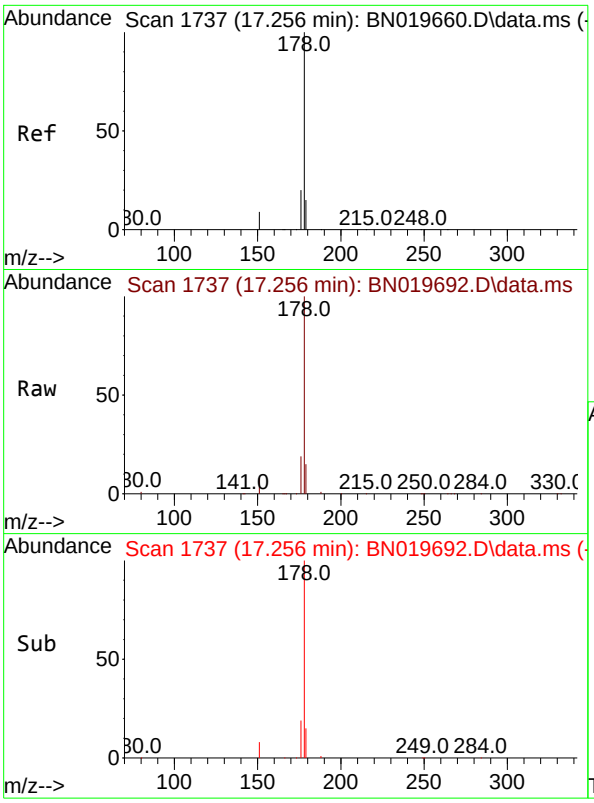


#24
Pentachlorophenol
Concen: 0.384 ng
RT: 16.867 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:266 Resp: 2115

Ion	Ratio	Lower	Upper
266	100		
264	62.1	48.0	72.0
268	62.3	54.2	81.2



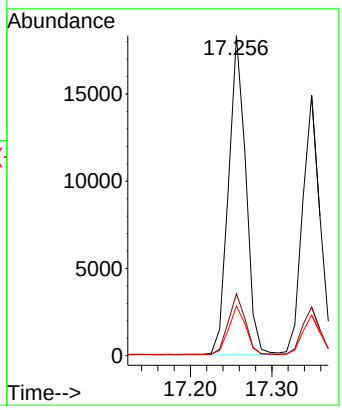


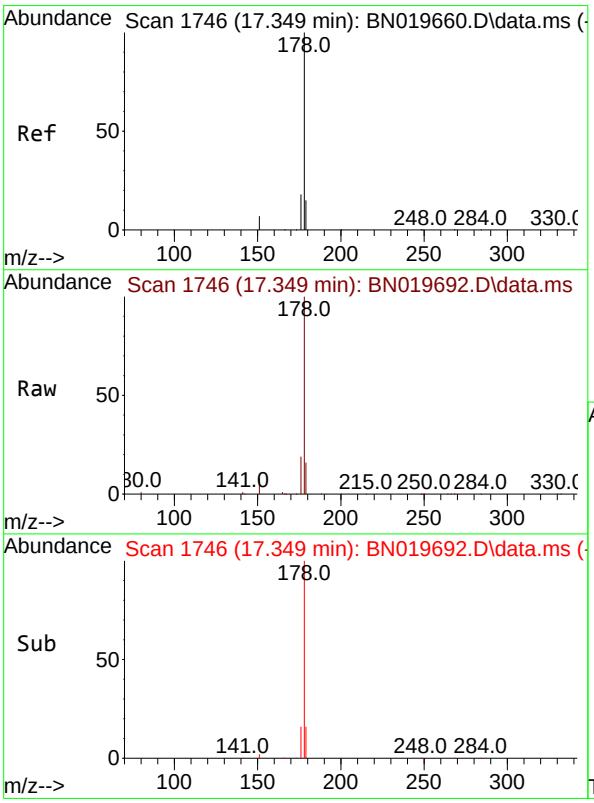
#25
Phenanthrene
Concen: 0.393 ng
RT: 17.256 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 26800

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.1	18.1

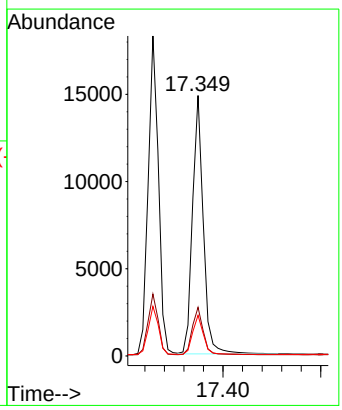


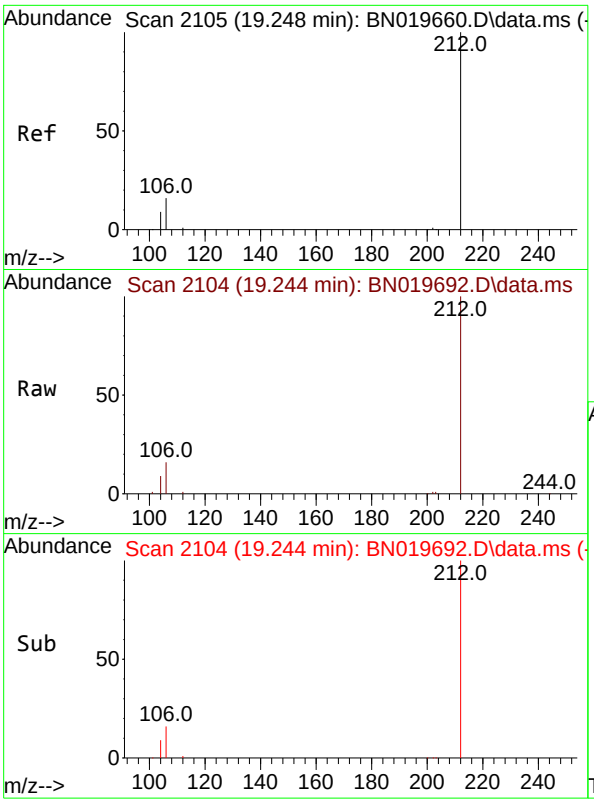


#26
Anthracene
Concen: 0.392 ng
RT: 17.349 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:178 Resp: 22671

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	15.1	12.2	18.4



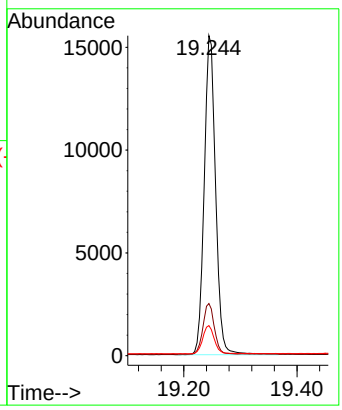


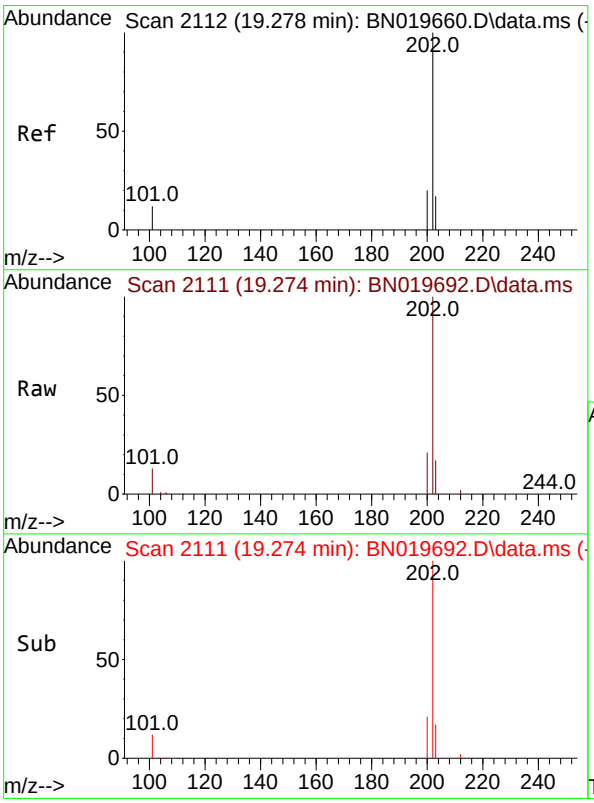
#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 21600

Ion	Ratio	Lower	Upper
212	100		
106	15.9	13.5	20.3
104	8.9	7.6	11.4

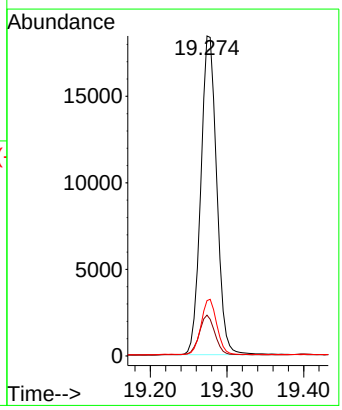


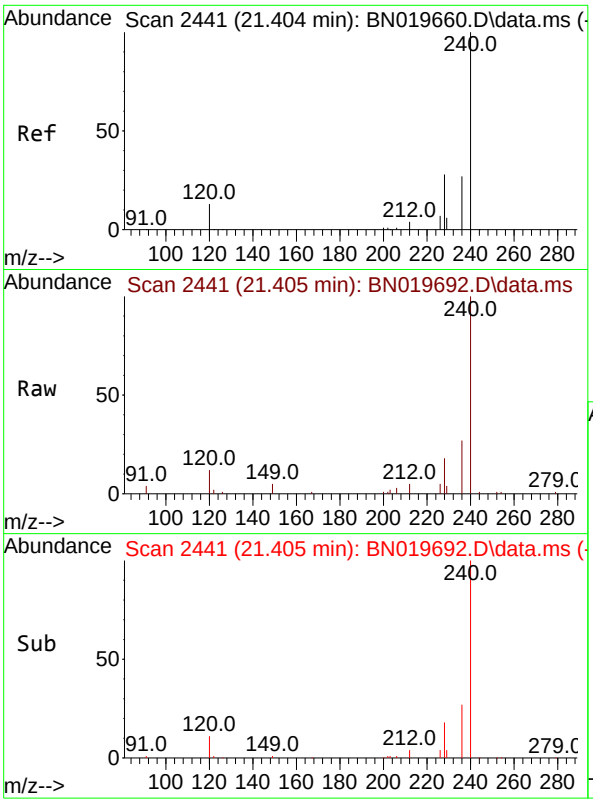


#28
Fluoranthene
Concen: 0.373 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:202 Resp: 26530

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	15.8
203	17.1	13.6	20.4



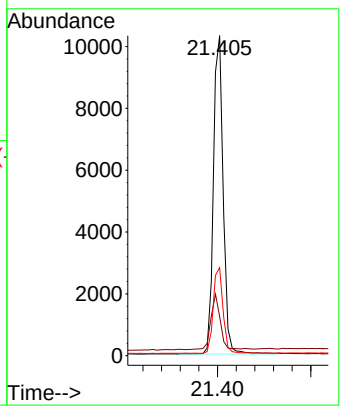


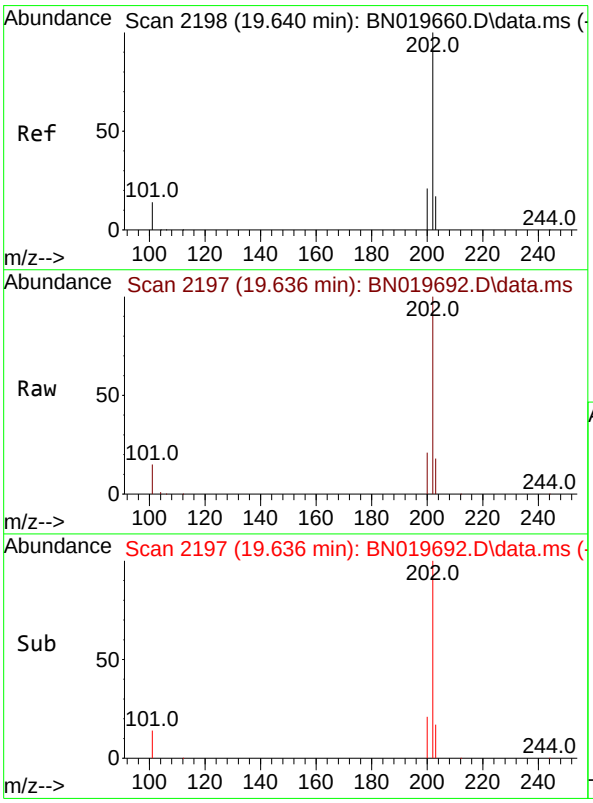
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.405 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 14986

Ion	Ratio	Lower	Upper
240	100		
120	12.2	17.4	26.2#
236	27.5	23.0	34.4

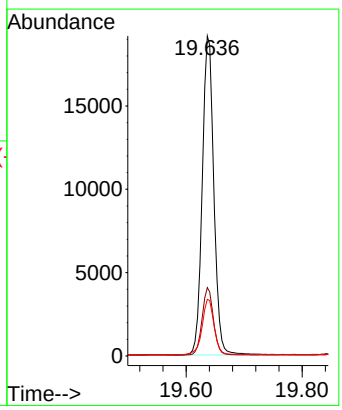


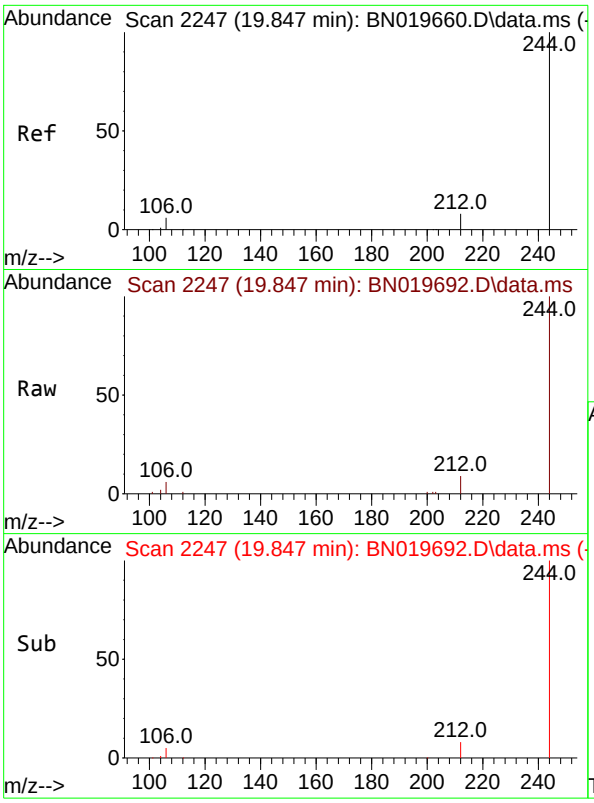


#30
Pyrene
Concen: 0.429 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:202 Resp: 26586

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.9	14.2	21.4



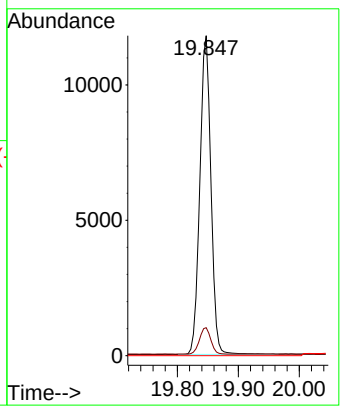


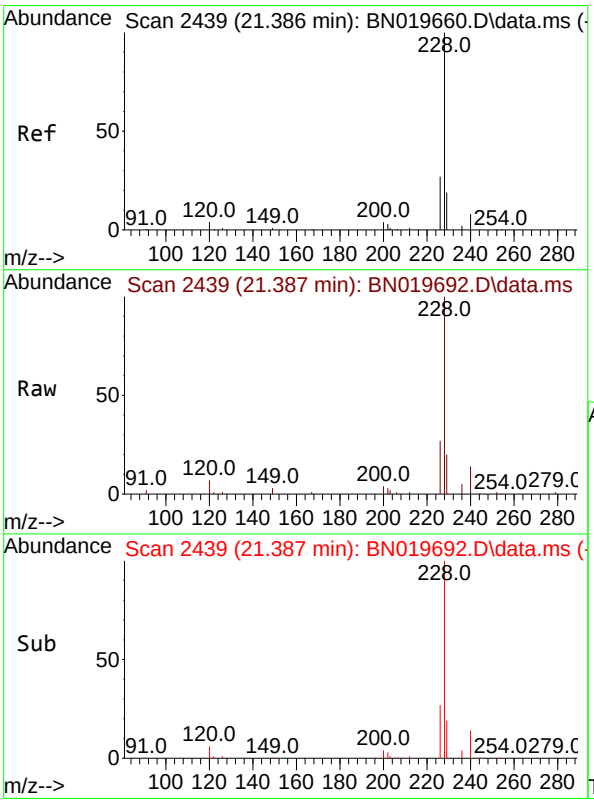
#31
Terphenyl-d14
Concen: 0.424 ng
RT: 19.847 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 14895

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.6	11.4
122	0.0	0.0	0.0

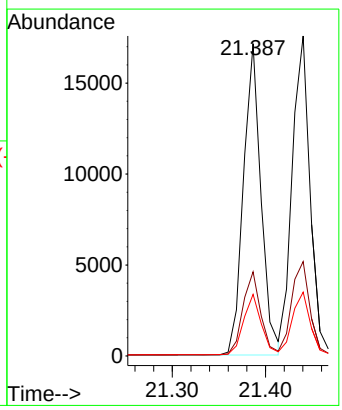


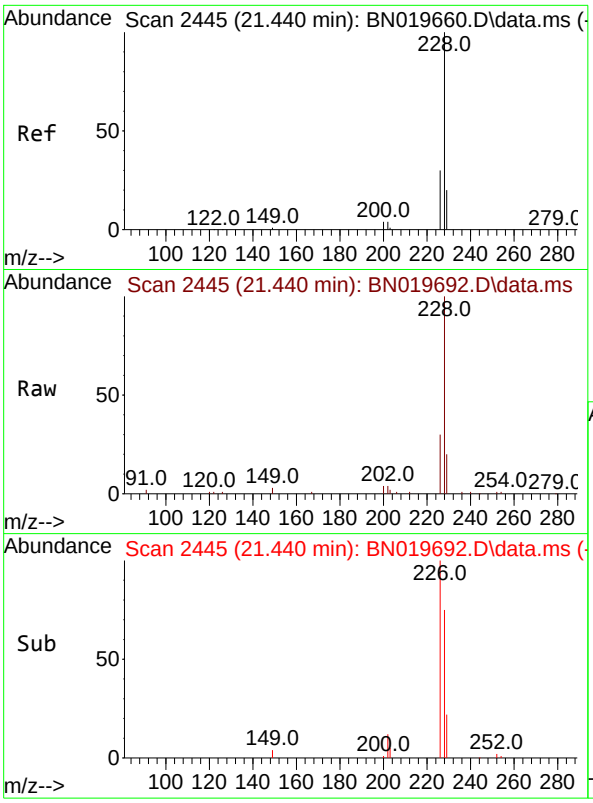


#32
Benzo(a)anthracene
Concen: 0.422 ng
RT: 21.387 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:228 Resp: 22413

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.6	32.4
229	19.7	16.5	24.7



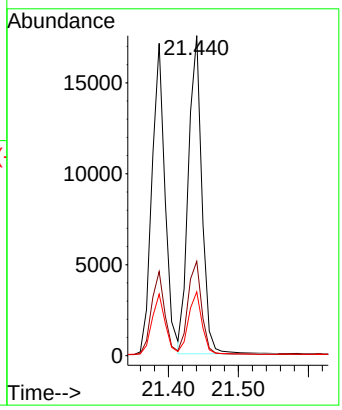


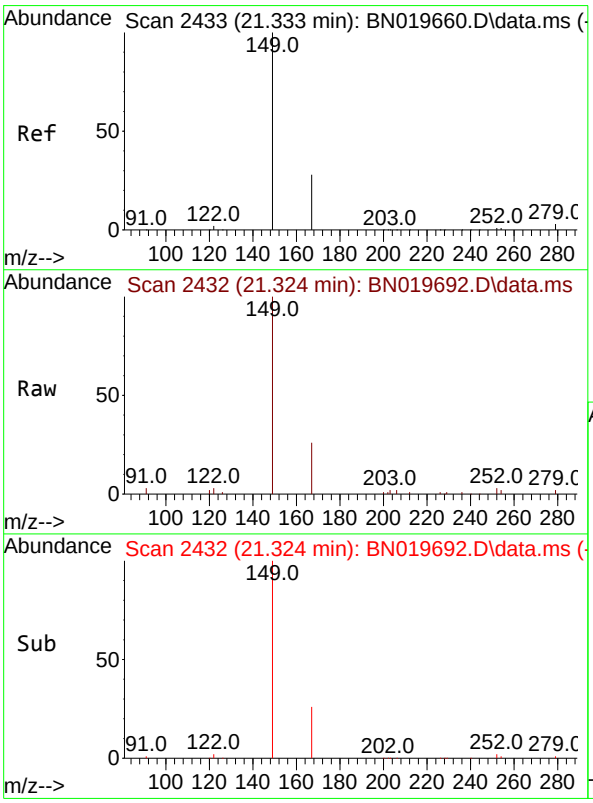
#33
Chrysene
Concen: 0.402 ng
RT: 21.440 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 23369

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.6	36.8
229	20.0	15.9	23.9

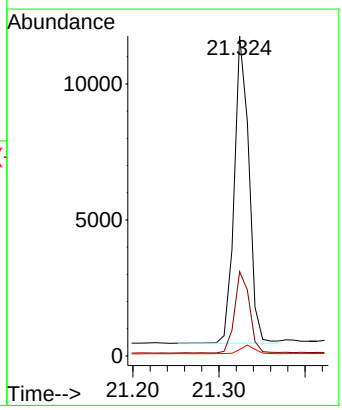


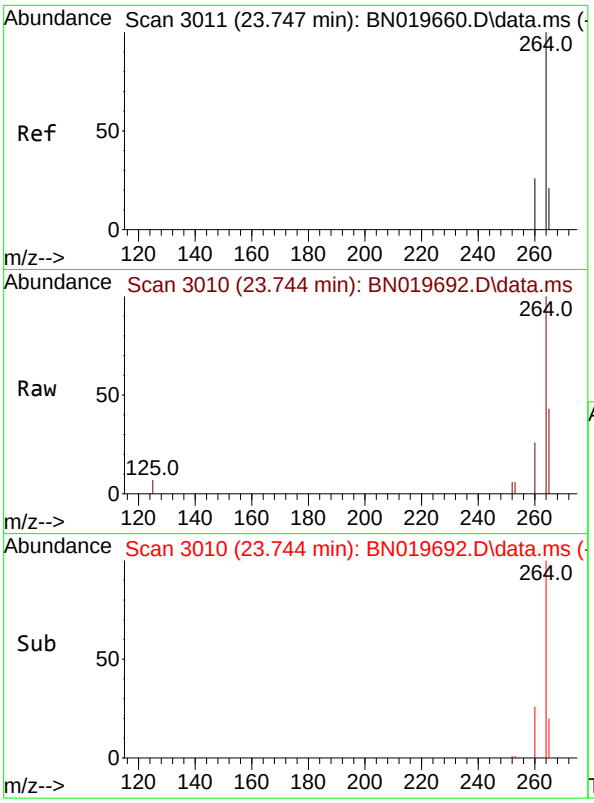


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.475 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:149 Resp: 13354

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.7	32.5
279	2.8	2.8	4.2#



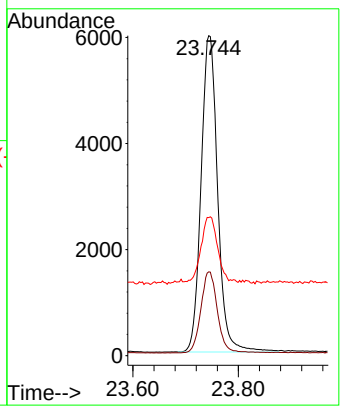


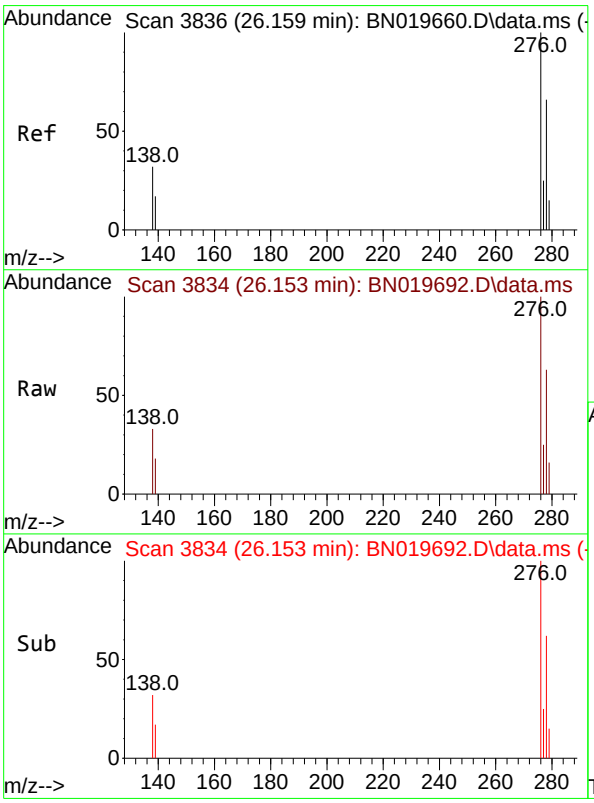
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 13004

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.0	31.6
265	43.2	67.9	101.9#

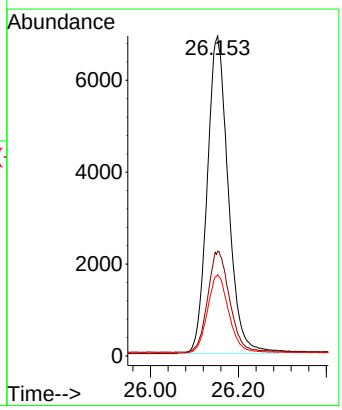


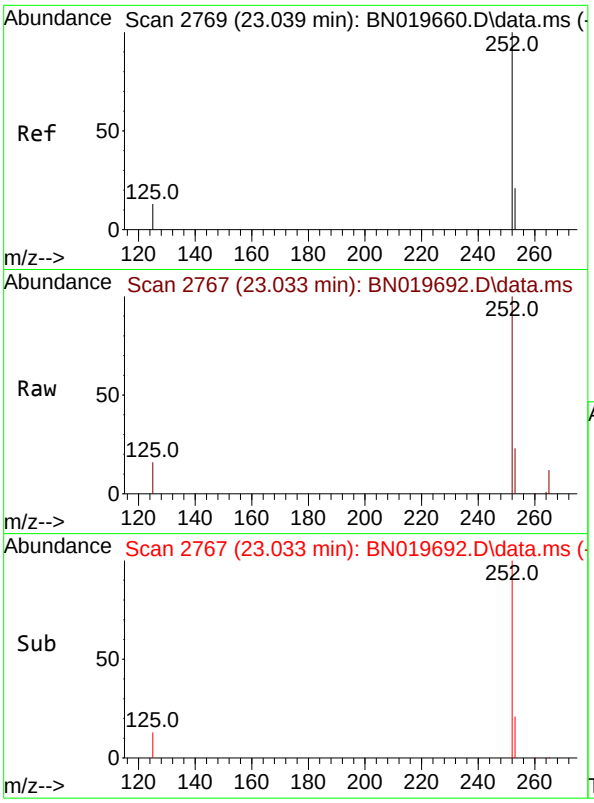


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng
RT: 26.153 min Scan# 3834
Delta R.T. -0.006 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:276 Resp: 22974

Ion	Ratio	Lower	Upper
276	100		
138	33.0	26.6	40.0
277	24.8	20.0	30.0



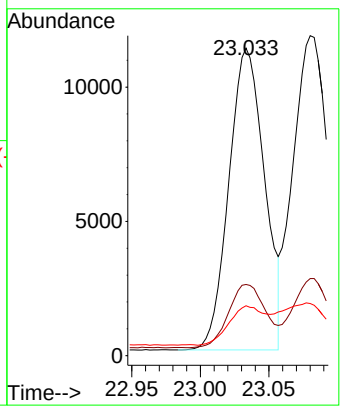


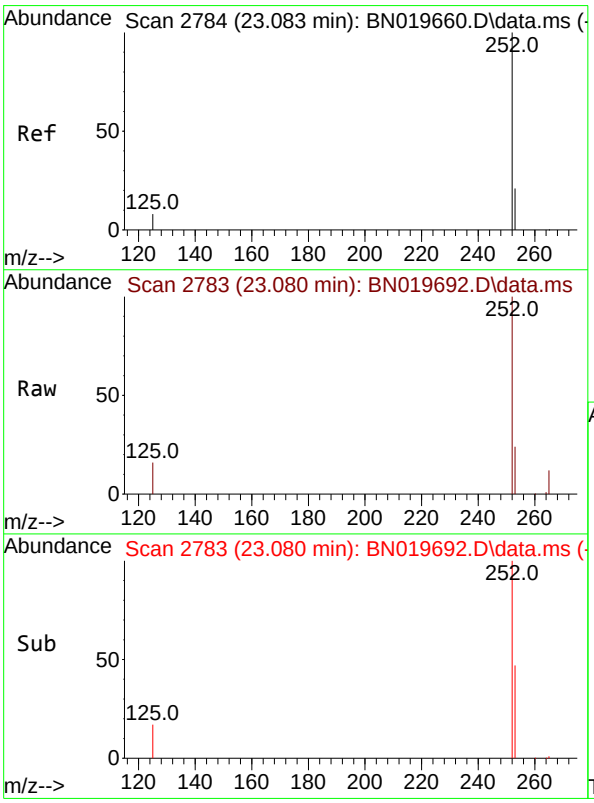
#37
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 23.033 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 20334

Ion	Ratio	Lower	Upper
252	100		
253	23.2	21.2	31.8
125	16.3	15.9	23.9

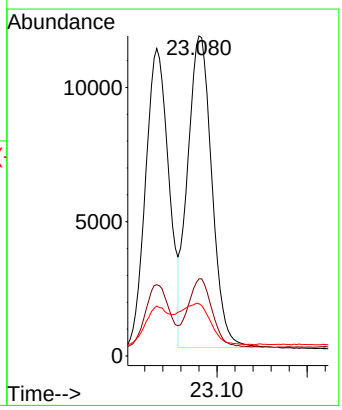


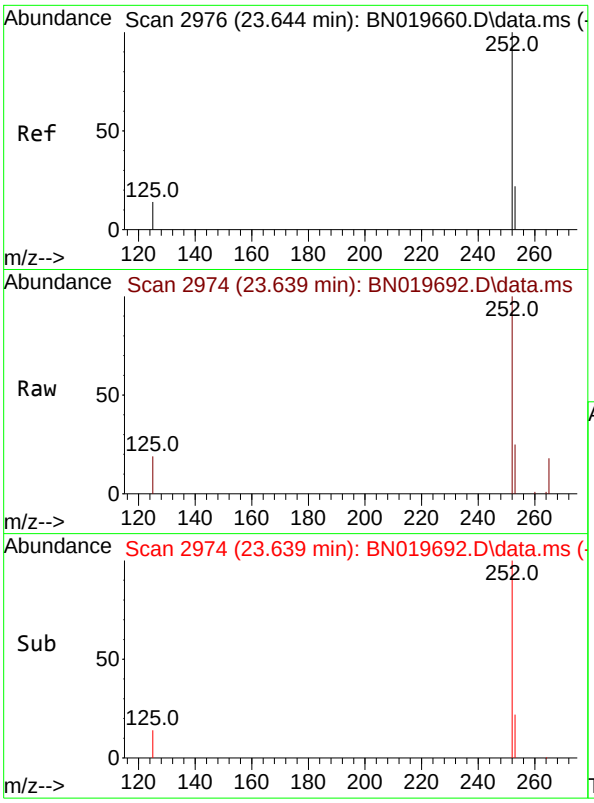


#38
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 23.080 min Scan# 2783
Delta R.T. -0.003 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:252 Resp: 21637

Ion	Ratio	Lower	Upper
252	100		
253	24.1	21.7	32.5
125	16.3	17.0	25.4#



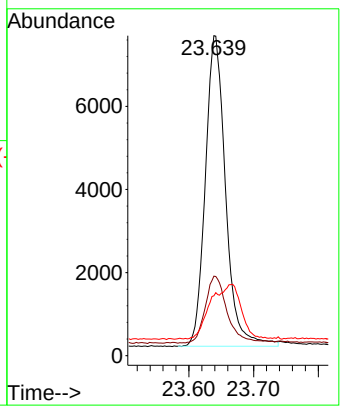


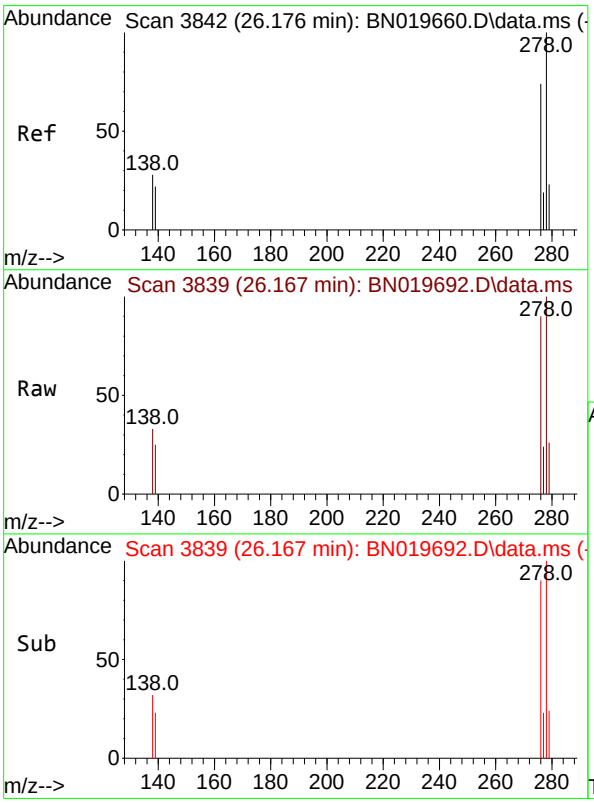
#39
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.639 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 16286

Ion	Ratio	Lower	Upper
252	100		
253	24.9	23.1	34.7
125	18.7	20.4	30.6#

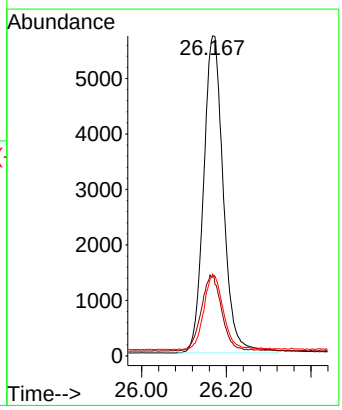


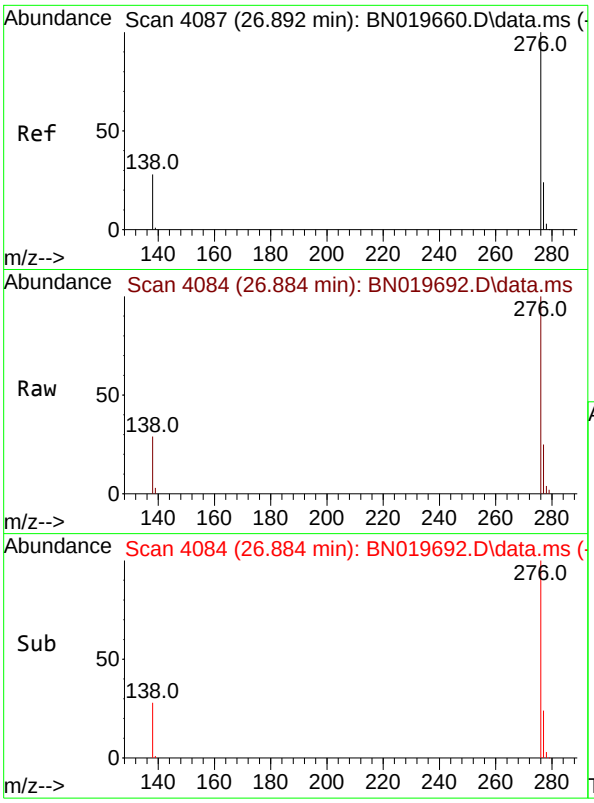


#40
Dibenzo(a,h)anthracene
Concen: 0.383 ng
RT: 26.167 min Scan# 3839
Delta R.T. -0.009 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Tgt Ion:278 Resp: 18439

Ion	Ratio	Lower	Upper
278	100		
139	24.6	19.4	29.2
279	25.5	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 0.388 ng
RT: 26.884 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN019692.D
Acq: 05 May 2022 09:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 18489

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.2	30.2
138	29.1	23.5	35.3