Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111122\
Data File : BN022605.D
Acq On : 11 Nov 2022 09:39
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 11 22:14:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 23:28:29 2022
Response via : Initial Calibration

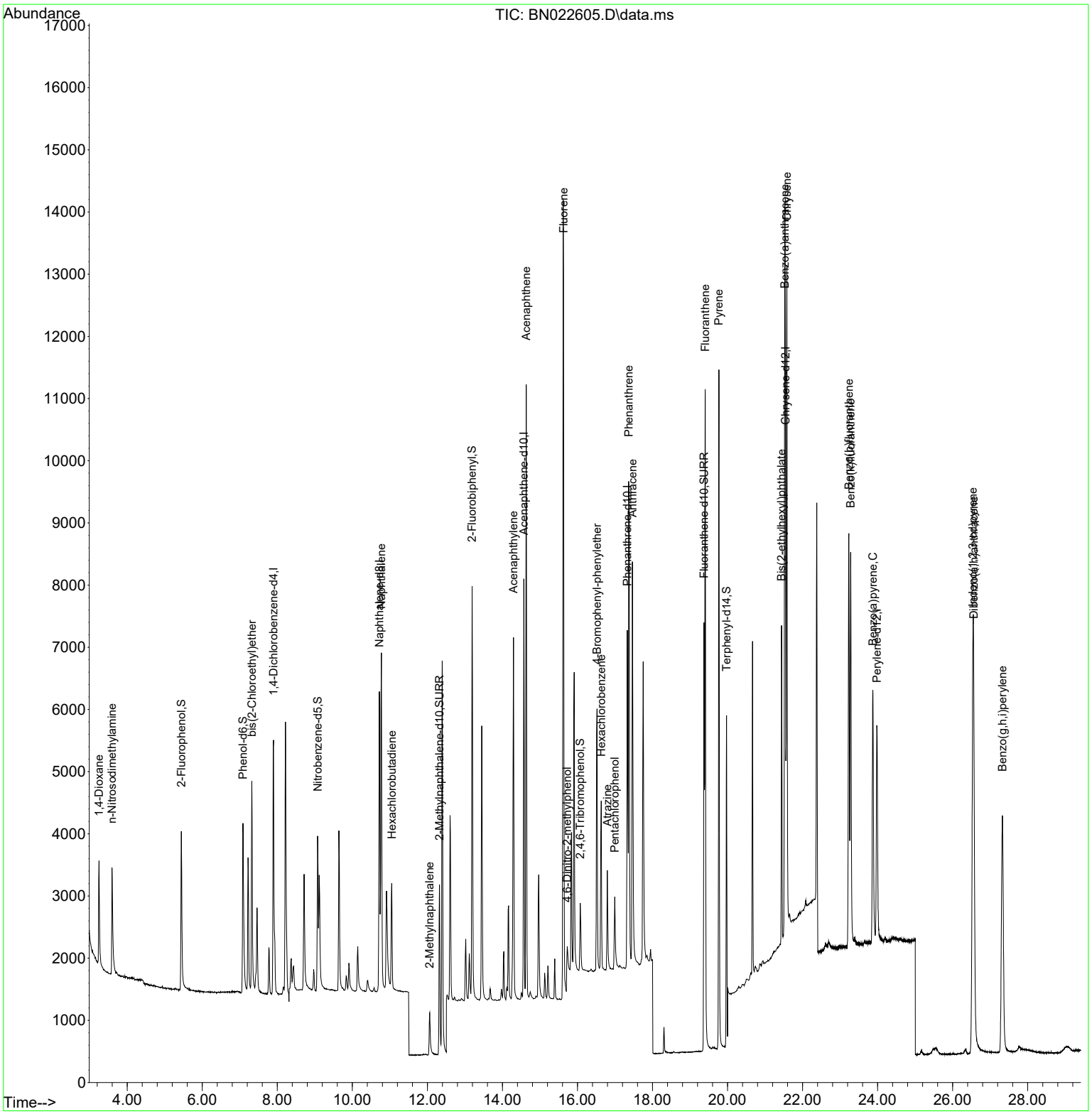
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	2170	0.400	ng		0.00
7) Naphthalene-d8	10.720	136	6567	0.400	ng		0.00
13) Acenaphthene-d10	14.571	164	3660	0.400	ng		0.00
19) Phenanthrene-d10	17.329	188	7388	0.400	ng		0.00
29) Chrysene-d12	21.546	240	6263	0.400	ng	#	0.00
35) Perylene-d12	23.981	264	5438	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.443	112	2465	0.393	ng		0.00
5) Phenol-d6	7.082	99	3108	0.396	ng		0.00
8) Nitrobenzene-d5	9.075	82	2454	0.393	ng		0.00
11) 2-Methylnaphthalene-d10	12.323	152	4182	0.391	ng		0.00
14) 2,4,6-Tribromophenol	16.075	330	679	0.384	ng		0.00
15) 2-Fluorobiphenyl	13.192	172	6168	0.414	ng		0.00
27) Fluoranthene-d10	19.373	212	8035	0.395	ng		0.00
31) Terphenyl-d14	19.971	244	7832	0.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	1198	0.391	ng		97
3) n-Nitrosodimethylamine	3.594	42	1203	0.384	ng	#	99
6) bis(2-Chloroethyl)ether	7.321	93	2749	0.399	ng		99
9) Naphthalene	10.773	128	7670	0.396	ng		99
10) Hexachlorobutadiene	11.051	225	1438	0.400	ng	#	99
12) 2-Methylnaphthalene	12.062	142	1450	0.366	ng		99
16) Acenaphthylene	14.293	152	6511	0.386	ng		99
17) Acenaphthene	14.635	154	4673	0.405	ng		99
18) Fluorene	15.629	166	6315	0.404	ng		100
20) 4,6-Dinitro-2-methylph...	15.727	198	355	0.492	ng		97
21) 4-Bromophenyl-phenylether	16.522	248	1737	0.399	ng		95
22) Hexachlorobenzene	16.634	284	2111	0.416	ng		99
23) Atrazine	16.795	200	1425	0.385	ng		98
24) Pentachlorophenol	16.993	266	725	0.374	ng		97
25) Phenanthrene	17.366	178	9506	0.399	ng		100
26) Anthracene	17.465	178	7718	0.379	ng		99
28) Fluoranthene	19.407	202	10191	0.395	ng		99
30) Pyrene	19.769	202	10315	0.404	ng		100
32) Benzo(a)anthracene	21.528	228	9059	0.393	ng		98
33) Chrysene	21.581	228	9689	0.408	ng		98
34) Bis(2-ethylhexyl)phtha...	21.438	149	4985	0.375	ng		100
36) Indeno(1,2,3-cd)pyrene	26.537	276	10311	0.401	ng		100
37) Benzo(b)fluoranthene	23.233	252	8825	0.401	ng		98
38) Benzo(k)fluoranthene	23.282	252	9006	0.410	ng		99
39) Benzo(a)pyrene	23.873	252	6949	0.388	ng		95
40) Dibenzo(a,h)anthracene	26.560	278	8327	0.403	ng		97
41) Benzo(g,h,i)perylene	27.326	276	9163	0.421	ng		98

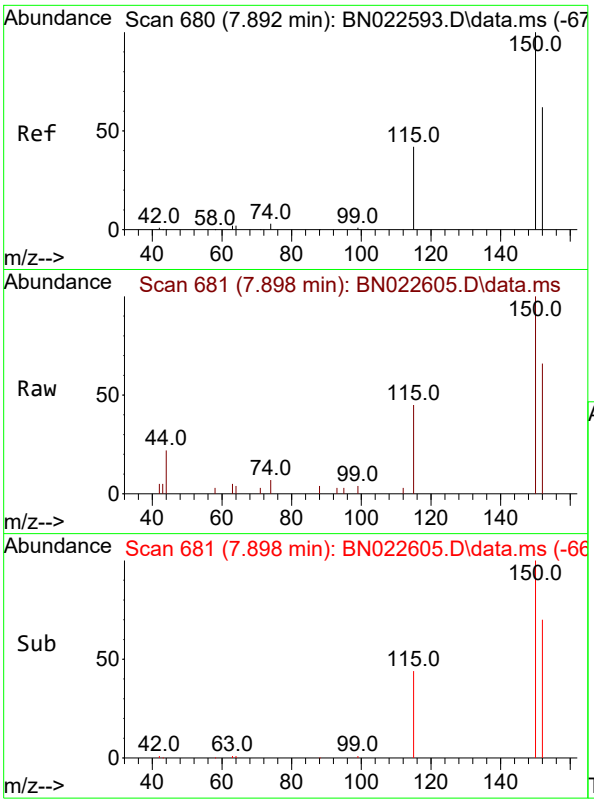
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111122\
Data File : BN022605.D
Acq On : 11 Nov 2022 09:39
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 11 22:14:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 23:28:29 2022
Response via : Initial Calibration



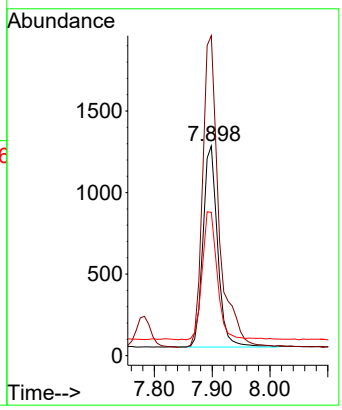


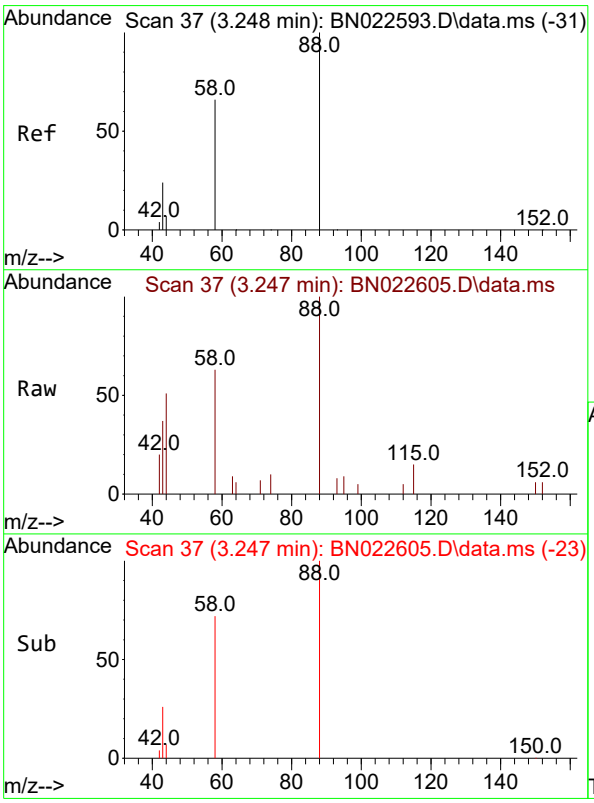
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 6
Delta R.T. 0.006 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2170

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.4	189.6
115	68.4	57.8	86.6

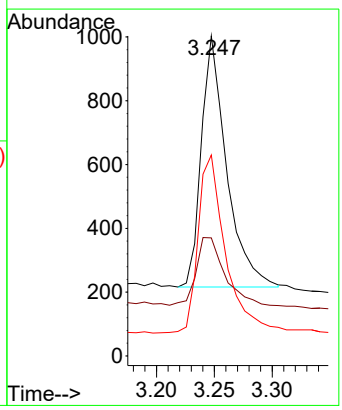


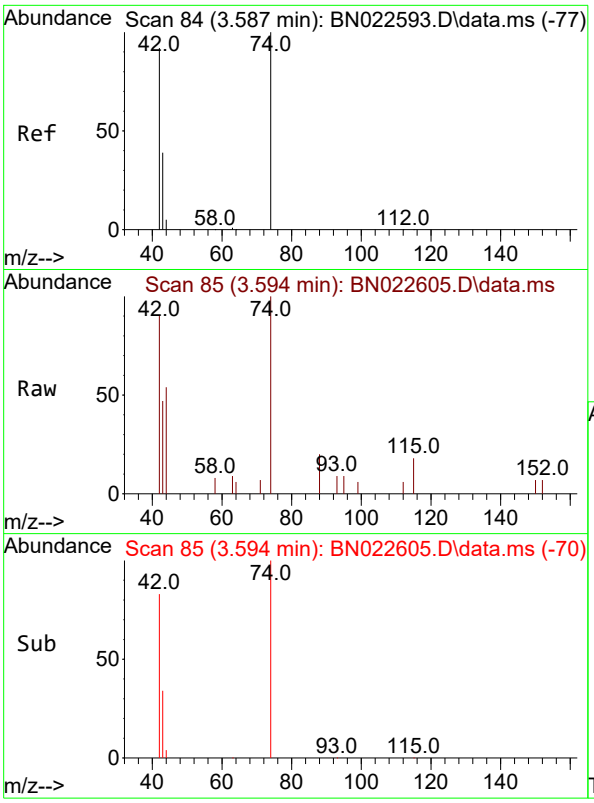


#2
1,4-Dioxane
Concen: 0.391 ng
RT: 3.247 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion: 88 Resp: 1198

Ion	Ratio	Lower	Upper
88	100		
43	30.5	22.0	33.0
58	77.0	60.5	90.7



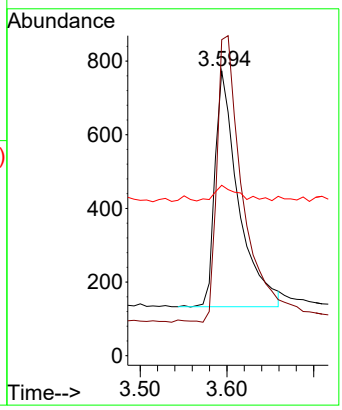


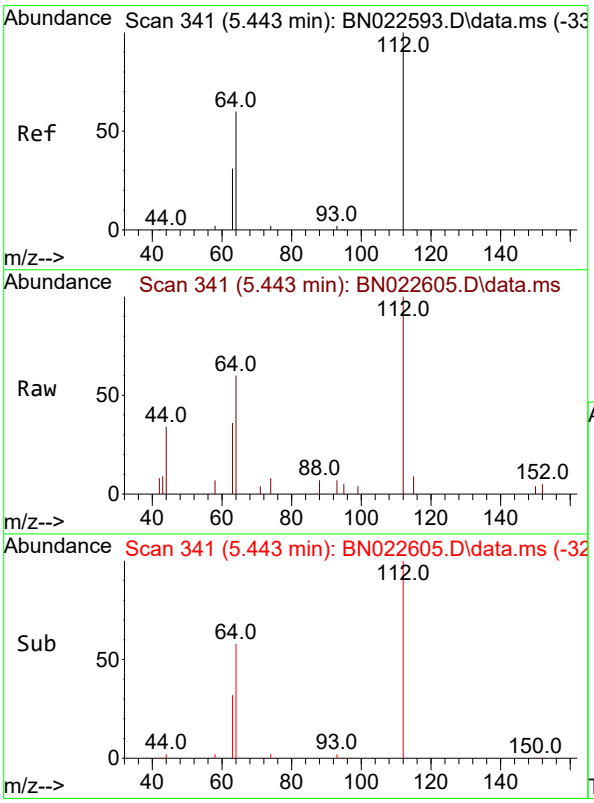
#3
n-Nitrosodimethylamine
Concen: 0.384 ng
RT: 3.594 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1203

Ion	Ratio	Lower	Upper
42	100		
74	130.8	104.5	156.7
44	7.0	7.4	11.2#

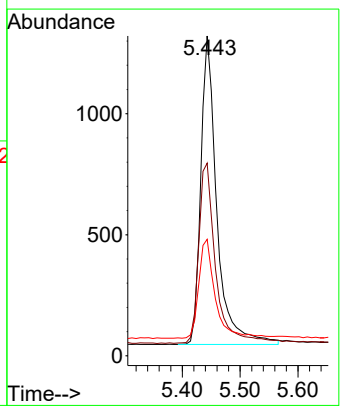


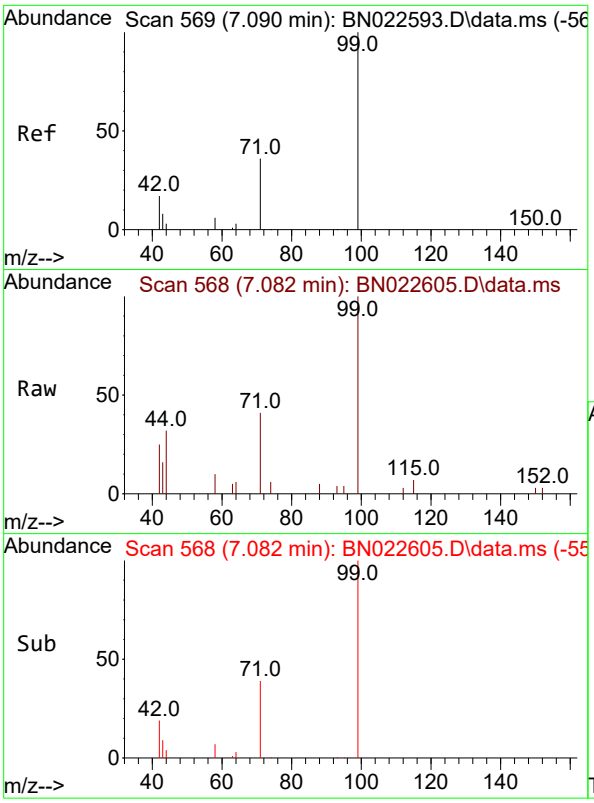


#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.443 min Scan# 341
Delta R.T. -0.000 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:112 Resp: 2465

Ion	Ratio	Lower	Upper
112	100		
64	61.1	48.6	73.0
63	32.8	25.5	38.3



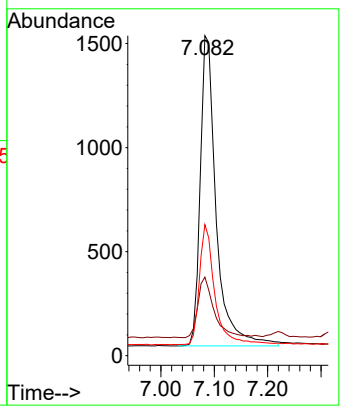


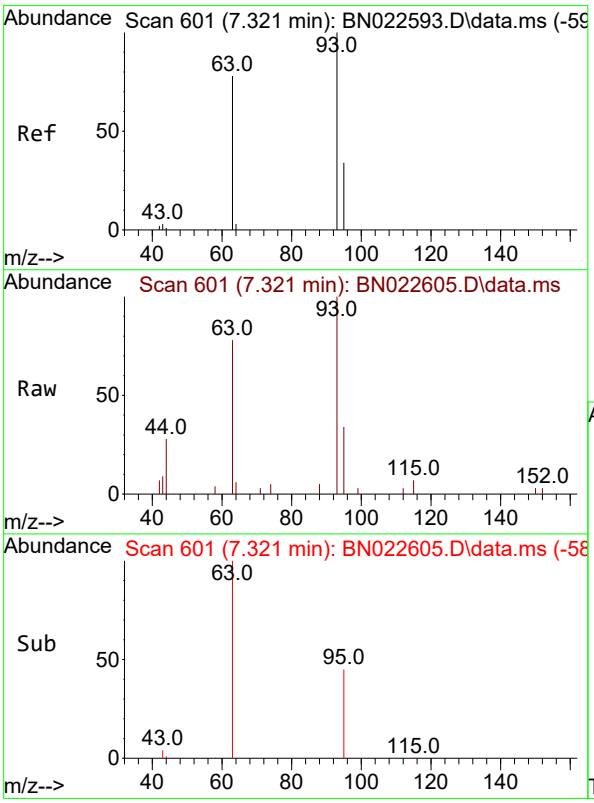
#5
Phenol-d6
Concen: 0.396 ng
RT: 7.082 min Scan# 5
Delta R.T. -0.008 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3108

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.0	24.0
71	37.2	30.1	45.1

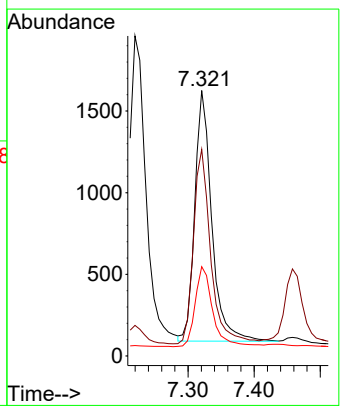


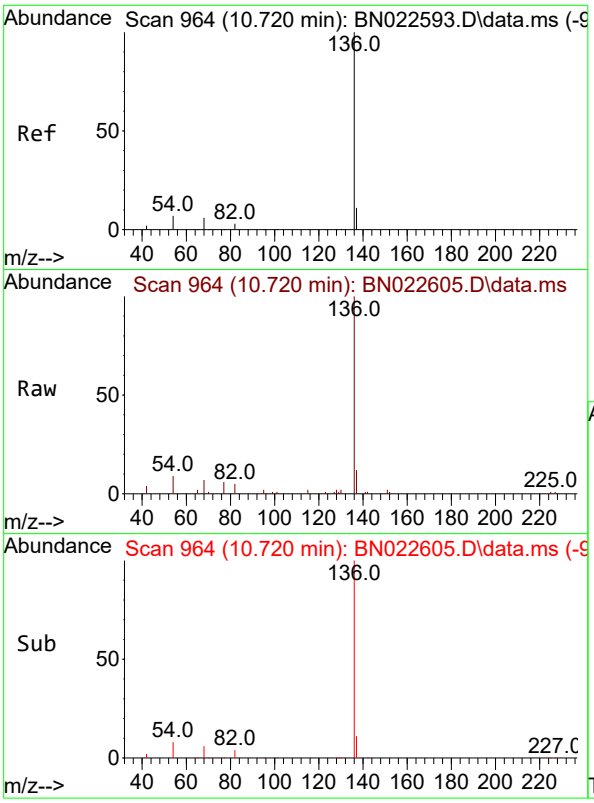


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.321 min Scan# 601
Delta R.T. -0.000 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion: 93 Resp: 2749

Ion	Ratio	Lower	Upper
93	100		
63	78.9	63.4	95.0
95	33.0	27.2	40.8



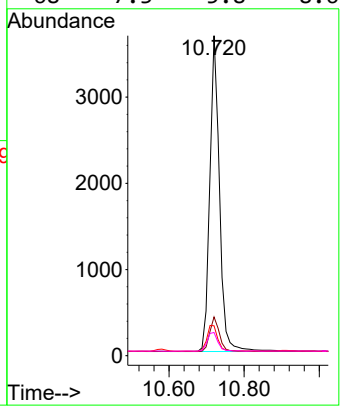


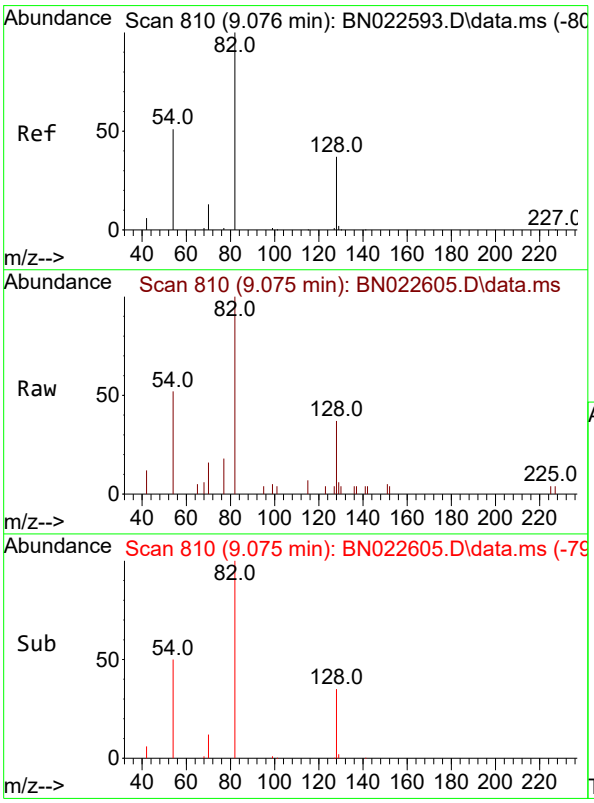
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.720 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 6567

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.4	14.2
54	9.3	7.1	10.7
68	7.3	5.8	8.6

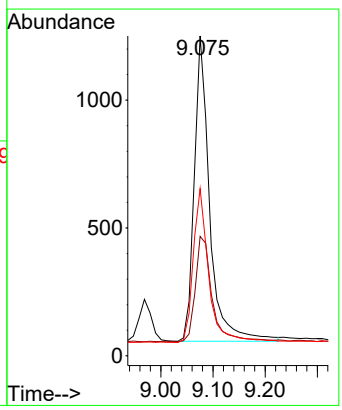


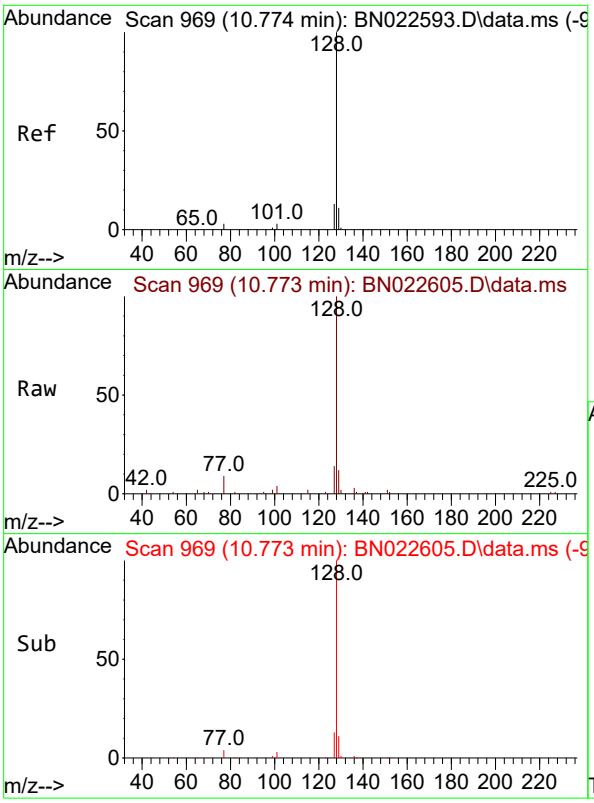


#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 9.075 min Scan# 810
Delta R.T. -0.000 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion: 82 Resp: 2454

Ion	Ratio	Lower	Upper
82	100		
128	37.3	32.0	48.0
54	52.3	42.3	63.5



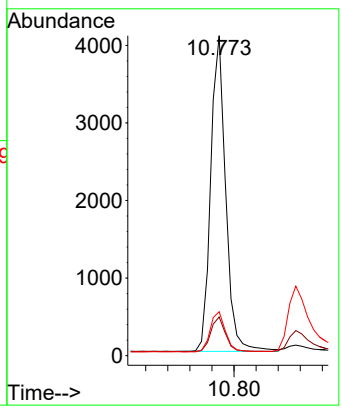


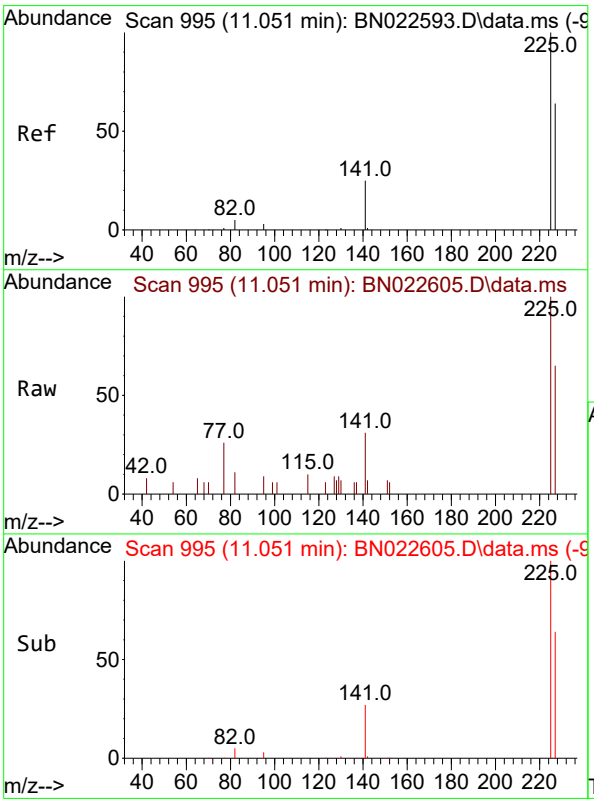
#9
Naphthalene
Concen: 0.396 ng
RT: 10.773 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 7670

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.5	14.3
127	13.7	11.2	16.8

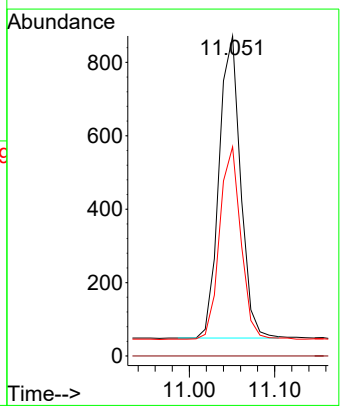


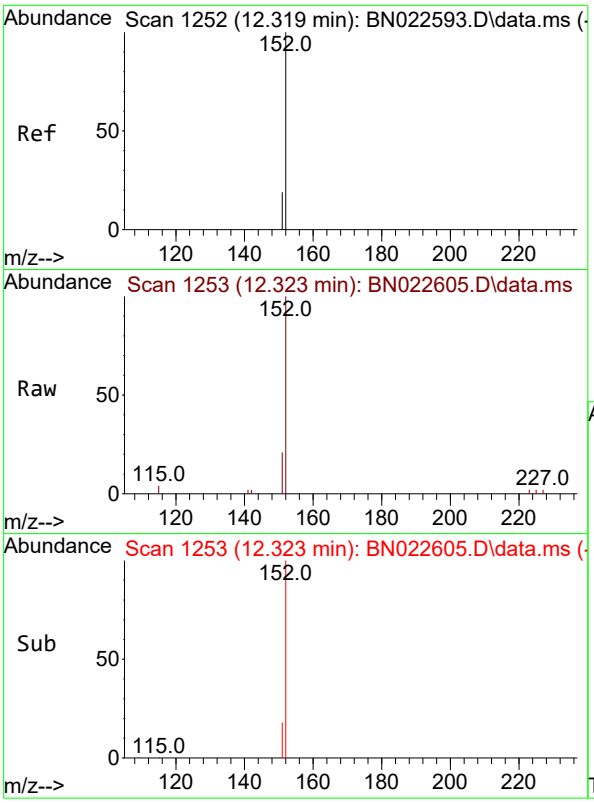


#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 11.051 min Scan# 995
Delta R.T. -0.000 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:225 Resp: 1438

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	50.8	76.2



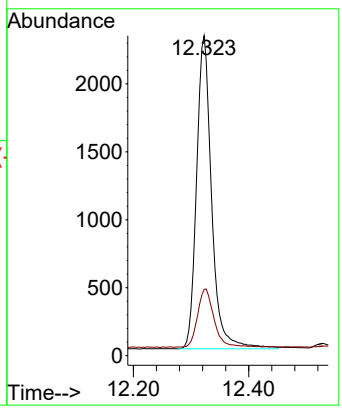


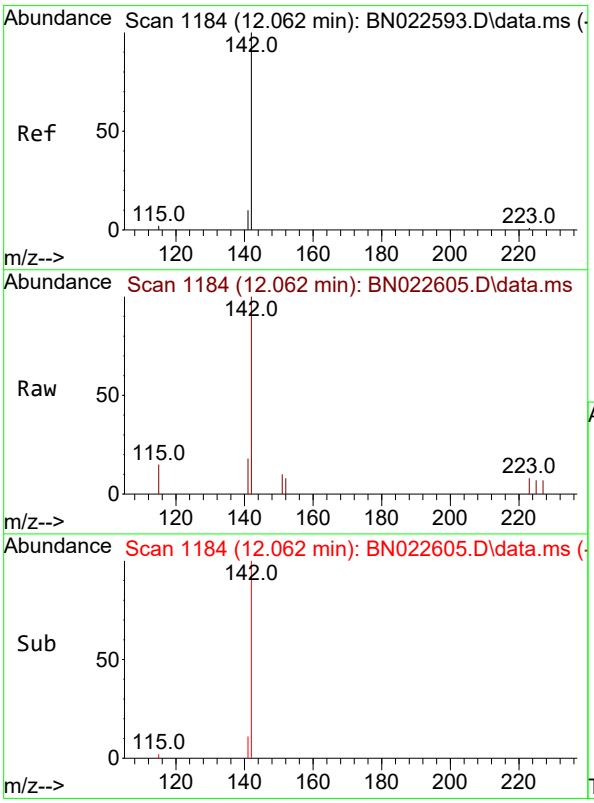
#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 12.323 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4182

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5

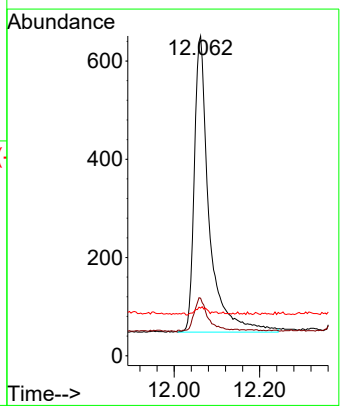


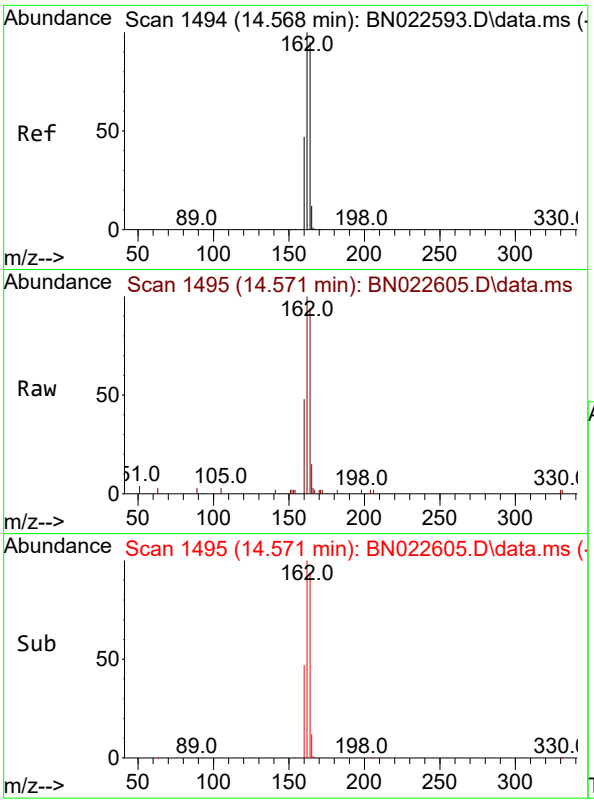


#12
2-Methylnaphthalene
Concen: 0.366 ng
RT: 12.062 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:142 Resp: 1450

Ion	Ratio	Lower	Upper
142	100		
141	18.0	14.0	21.0
115	14.9	11.4	17.2



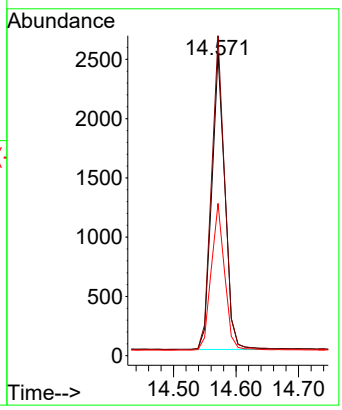


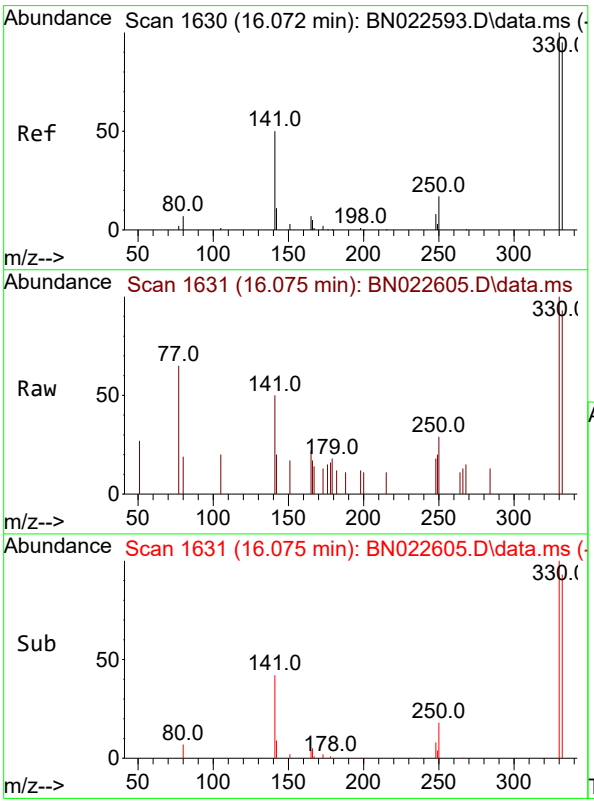
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.571 min Scan# 14
Delta R.T. 0.003 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3660

Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.3	126.5
160	50.5	40.6	60.8

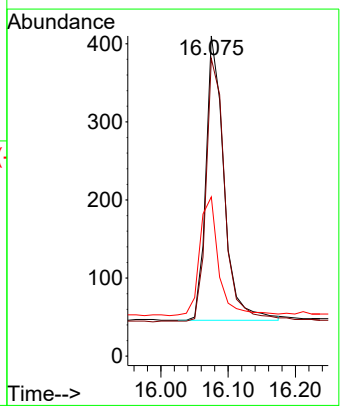


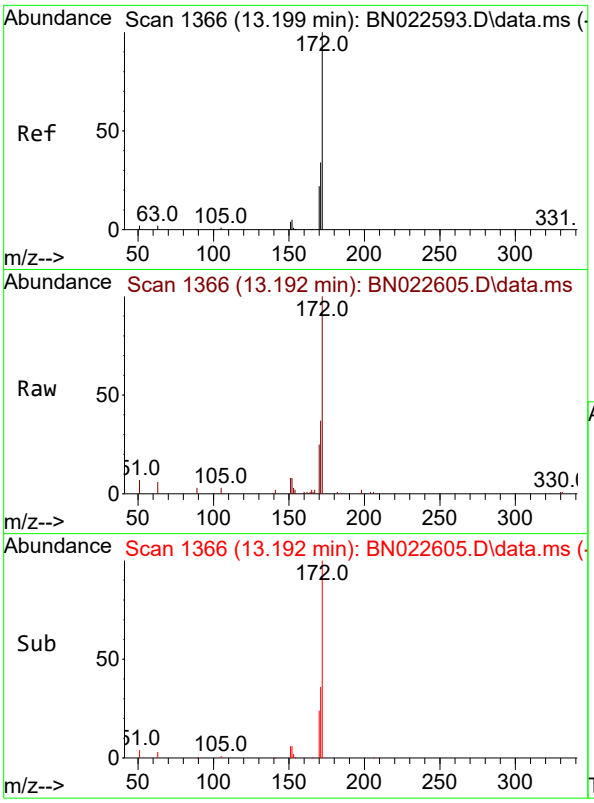


#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 16.075 min Scan# 1631
Delta R.T. 0.003 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:330 Resp: 679

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.5	116.3
141	44.0	33.3	49.9



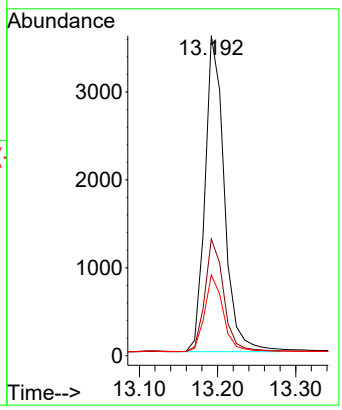


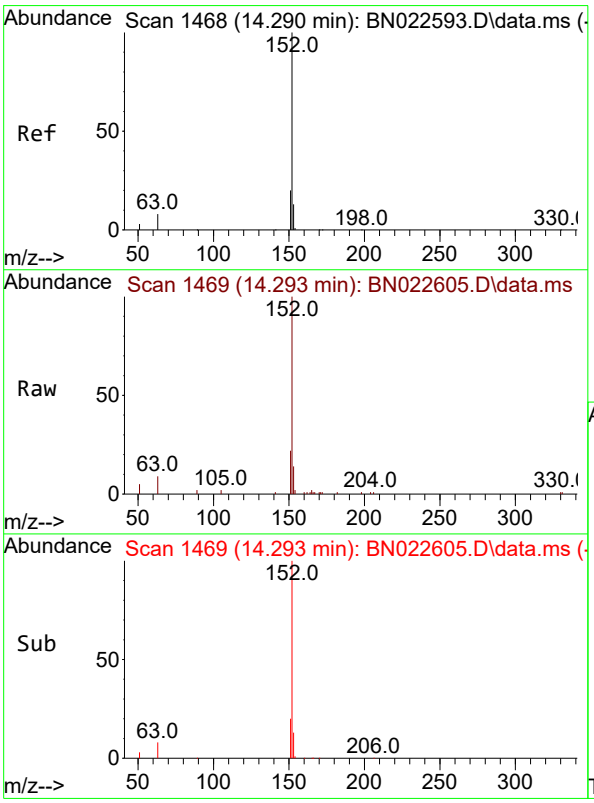
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.192 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6168

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.0	42.0
170	25.2	18.6	28.0

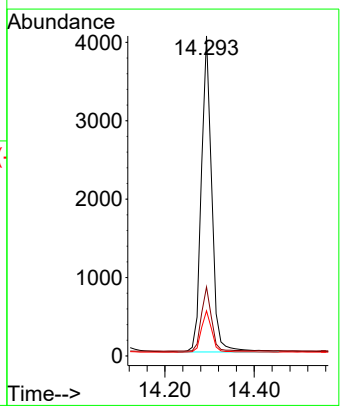


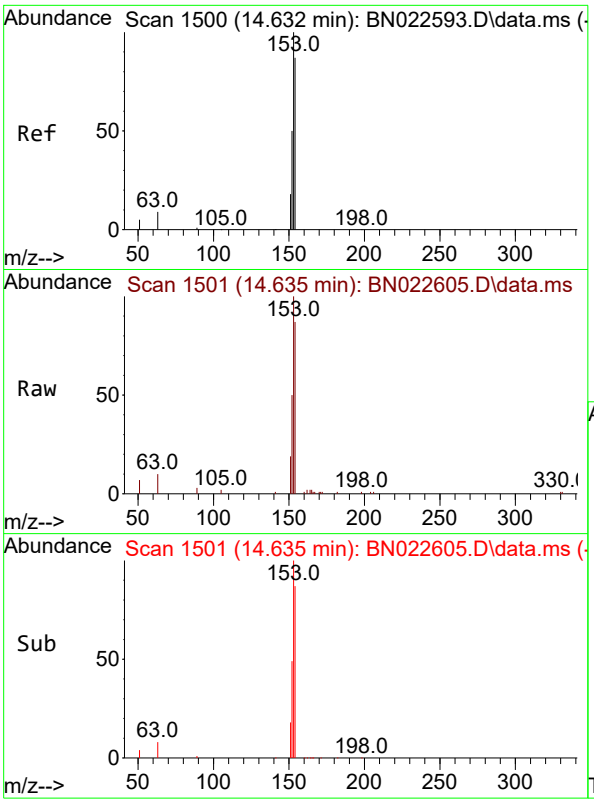


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.293 min Scan# 1469
Delta R.T. 0.003 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:152 Resp: 6511

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.3	10.2	15.4





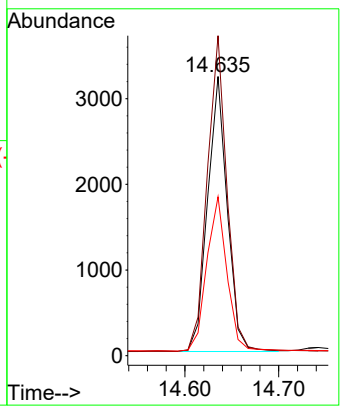
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.635 min Scan# 1

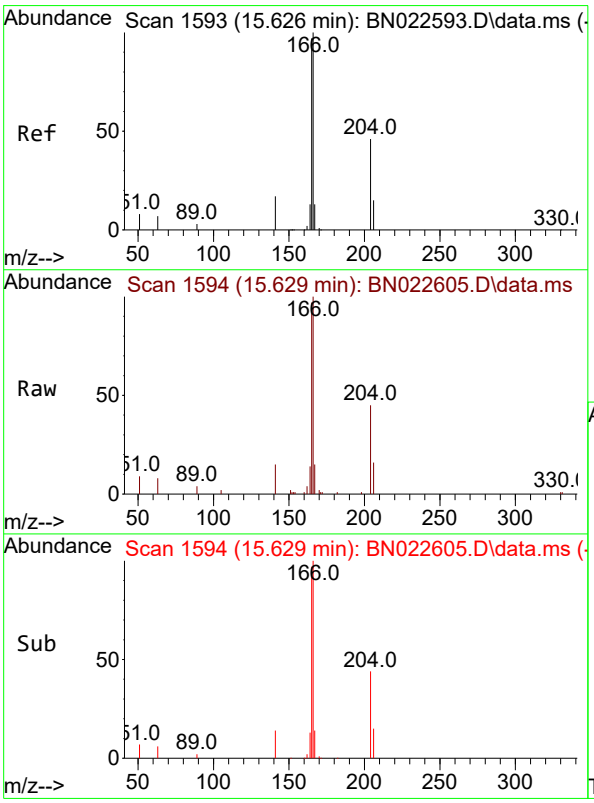
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Delta R.T. 0.003 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:154 Resp: 4673

Ion	Ratio	Lower	Upper
154	100		
153	115.8	92.2	138.2
152	57.8	45.4	68.0

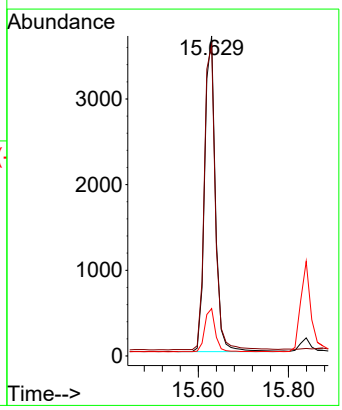


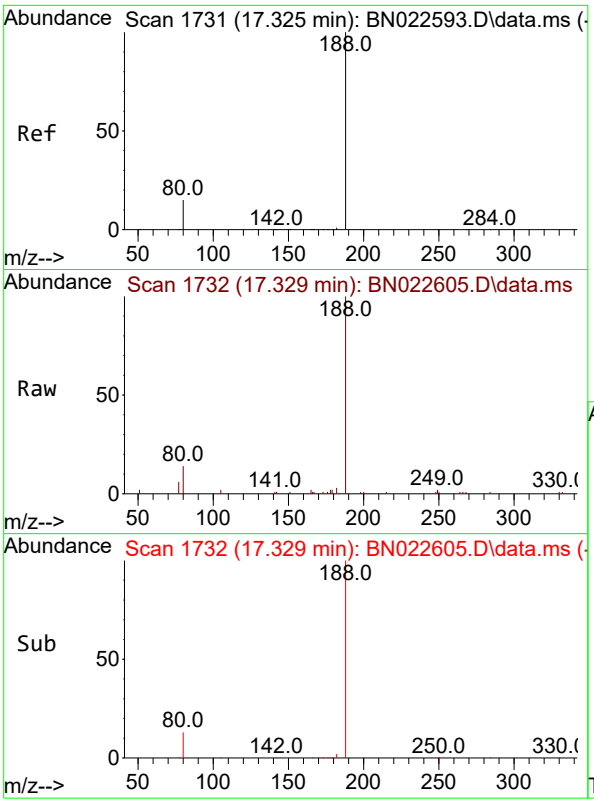


#18
Fluorene
Concen: 0.404 ng
RT: 15.629 min Scan# 1594
Delta R.T. 0.003 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:166 Resp: 6315

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.1	10.2	15.4



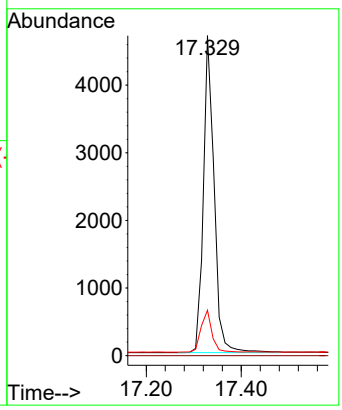


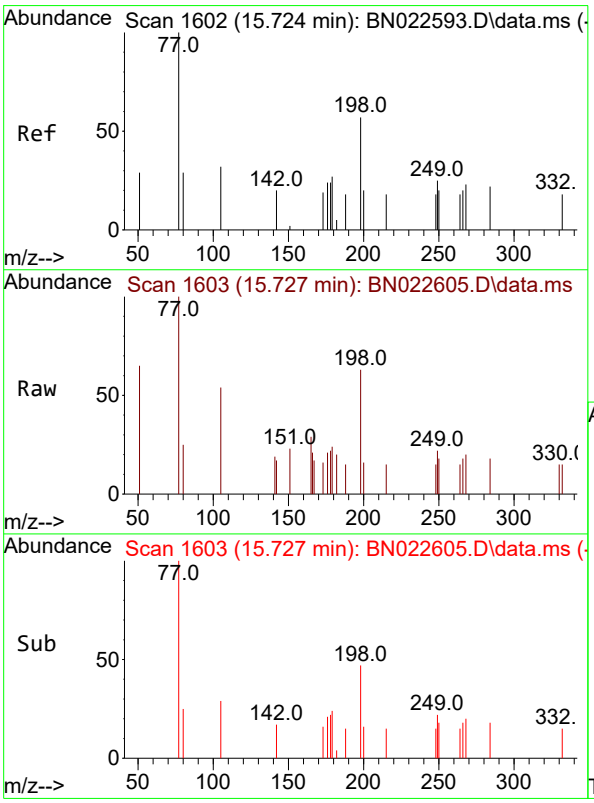
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.329 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 7388

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	13.1	19.7

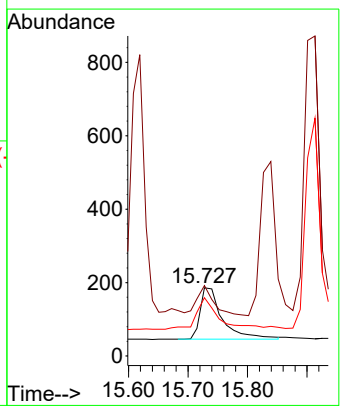


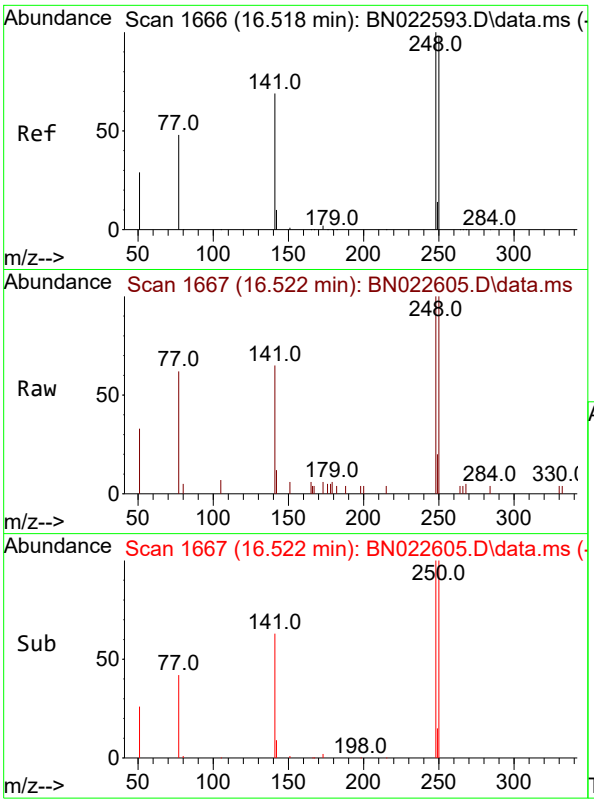


#20
4,6-Dinitro-2-methylphenol
Concen: 0.492 ng
RT: 15.727 min Scan# 1603
Delta R.T. 0.003 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:198 Resp: 355

Ion	Ratio	Lower	Upper
198	100		
51	103.2	78.7	118.1
105	85.5	68.5	102.7



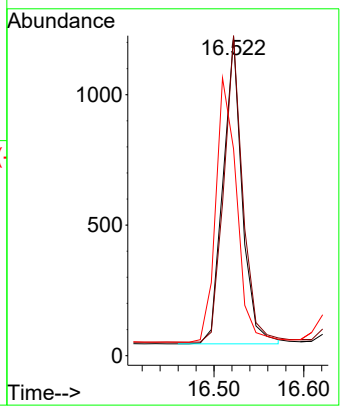


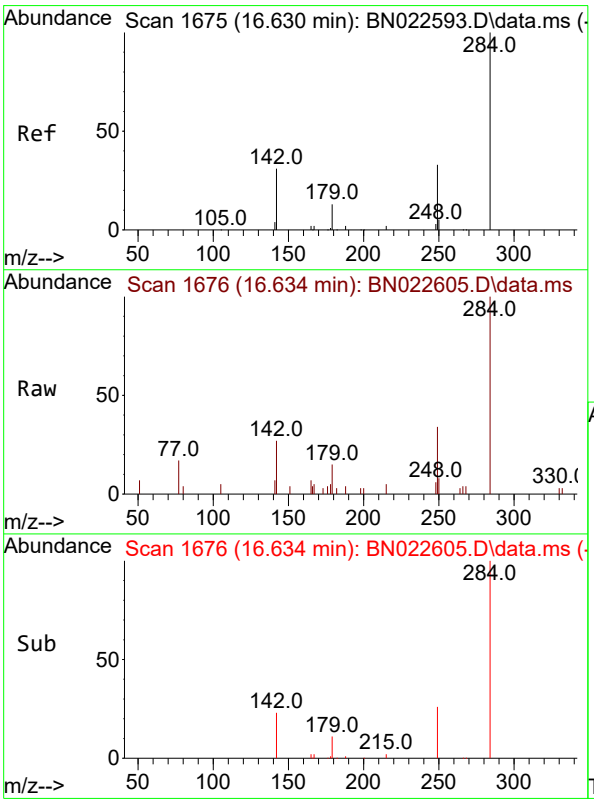
#21
4-Bromophenyl-phenylether
Concen: 0.399 ng
RT: 16.522 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1737

Ion	Ratio	Lower	Upper
248	100		
250	100.3	78.5	117.7
141	64.8	57.0	85.4

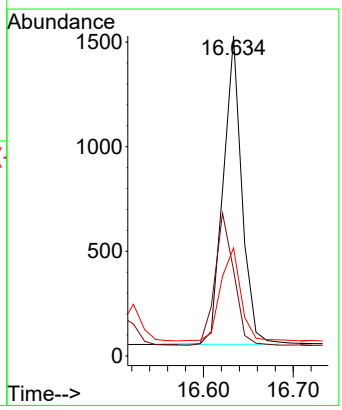


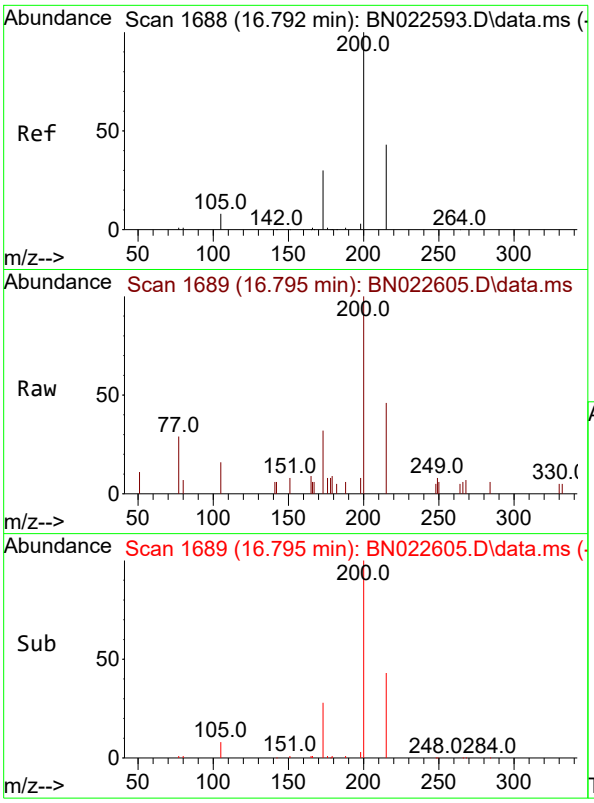


#22
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.634 min Scan# 1676
Delta R.T. 0.003 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:284 Resp: 2111

Ion	Ratio	Lower	Upper
284	100		
142	44.0	35.7	53.5
249	32.9	27.0	40.4



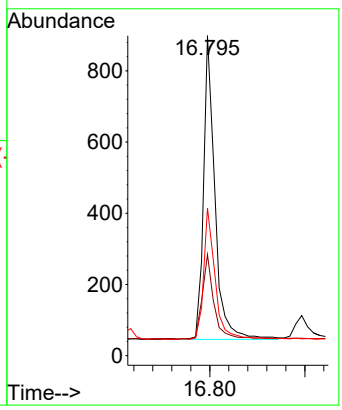


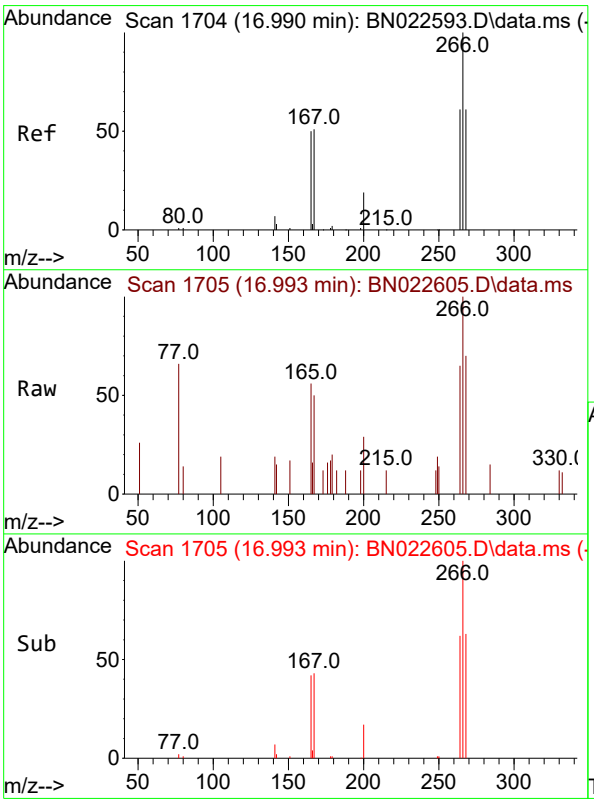
#23
Atrazine
Concen: 0.385 ng
RT: 16.795 min Scan# 1(
Delta R.T. 0.003 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1425

Ion	Ratio	Lower	Upper
200	100		
173	31.6	27.4	41.2
215	46.2	36.9	55.3

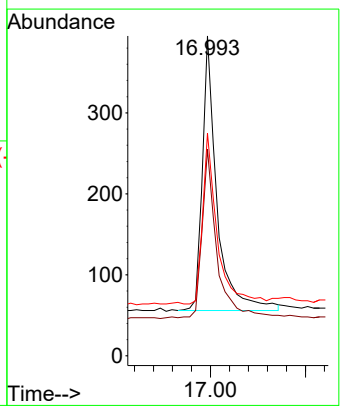


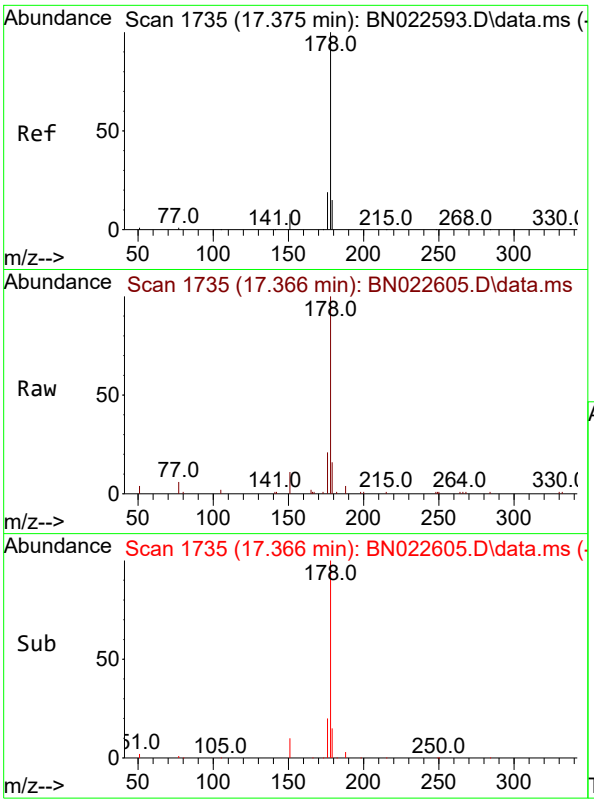


#24
Pentachlorophenol
Concen: 0.374 ng
RT: 16.993 min Scan# 1705
Delta R.T. 0.003 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:266 Resp: 725

Ion	Ratio	Lower	Upper
266	100		
264	61.4	47.3	70.9
268	61.8	48.0	72.0



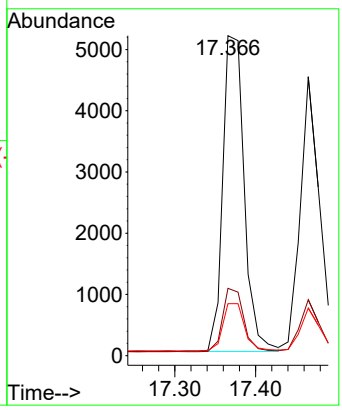


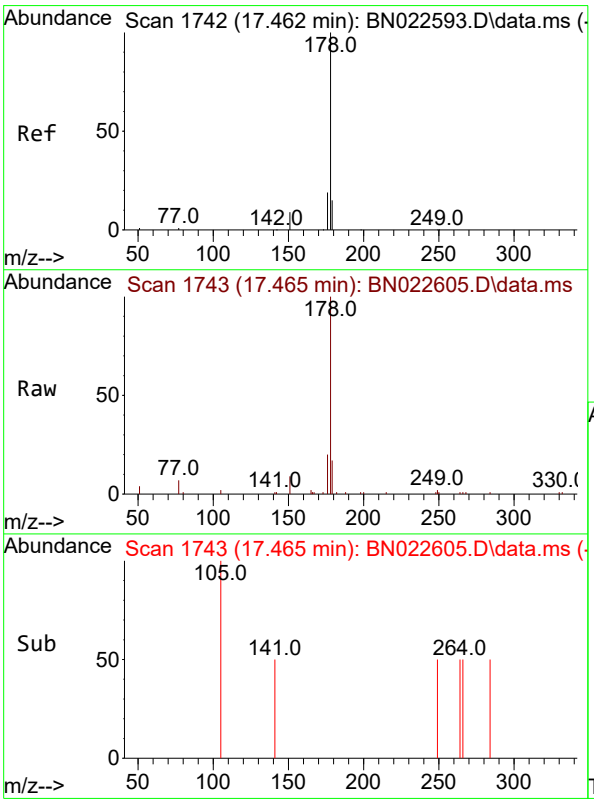
#25
Phenanthrene
Concen: 0.399 ng
RT: 17.366 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 9506

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.4	12.4	18.6

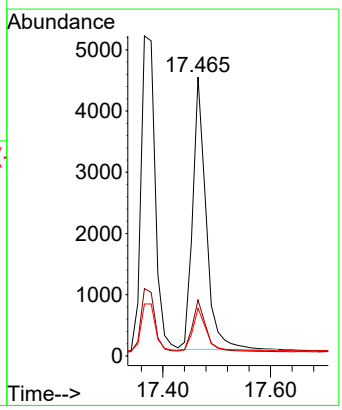


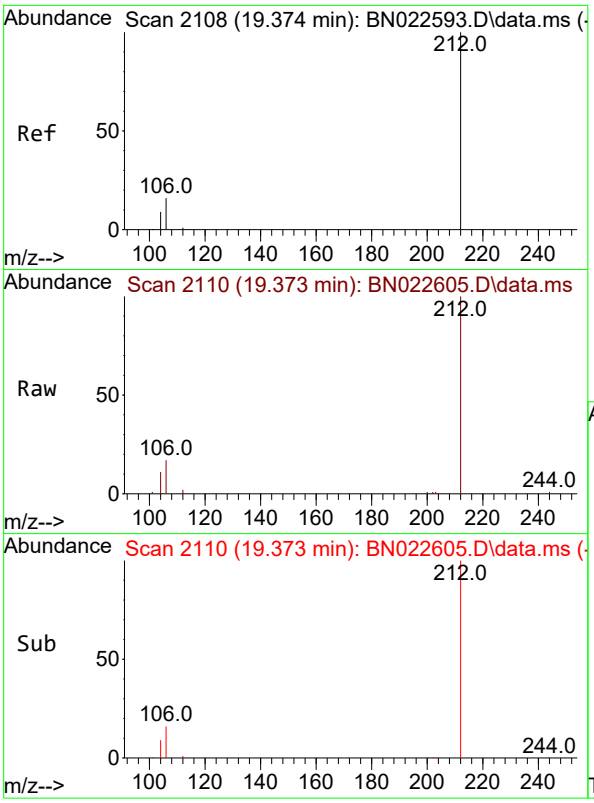


#26
Anthracene
Concen: 0.379 ng
RT: 17.465 min Scan# 1743
Delta R.T. 0.003 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:178 Resp: 7718

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.5	12.2	18.2



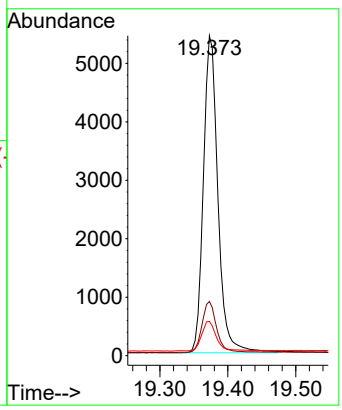


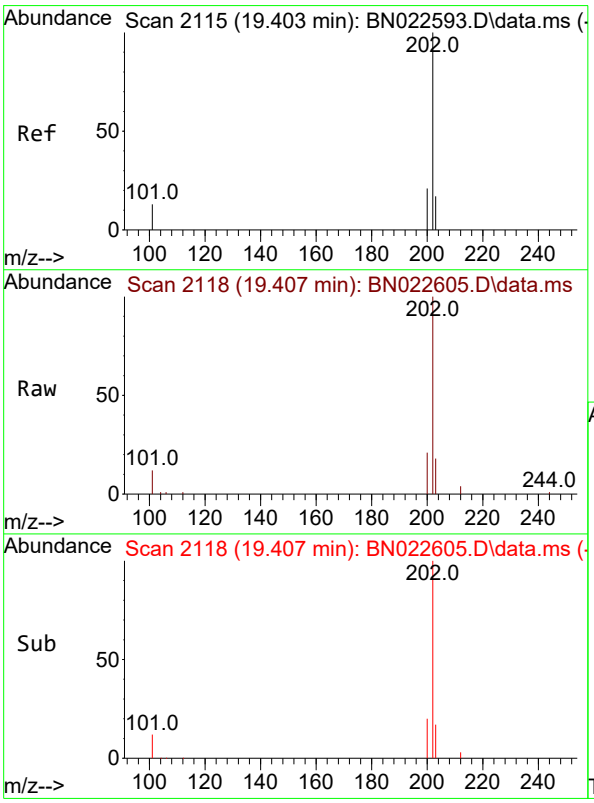
#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.373 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 8035

Ion	Ratio	Lower	Upper
212	100		
106	16.0	13.0	19.6
104	9.3	7.4	11.2

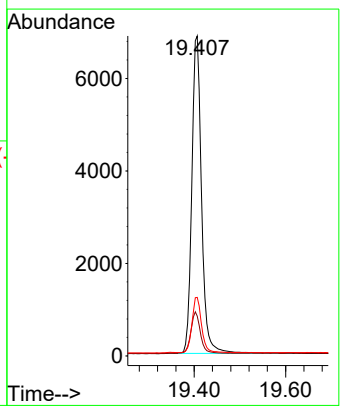


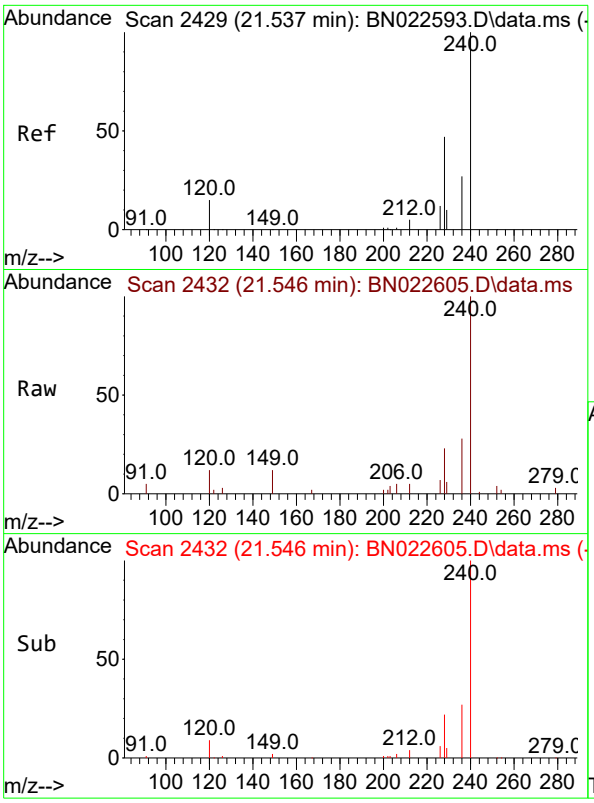


#28
Fluoranthene
Concen: 0.395 ng
RT: 19.407 min Scan# 2118
Delta R.T. 0.004 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:202 Resp: 10191

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.5	15.7
203	16.9	13.5	20.3



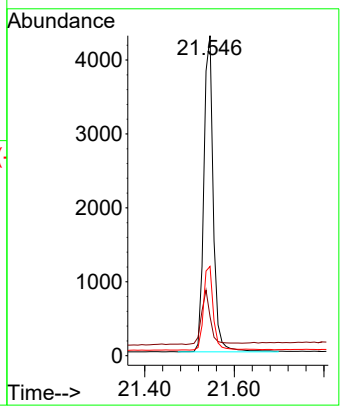


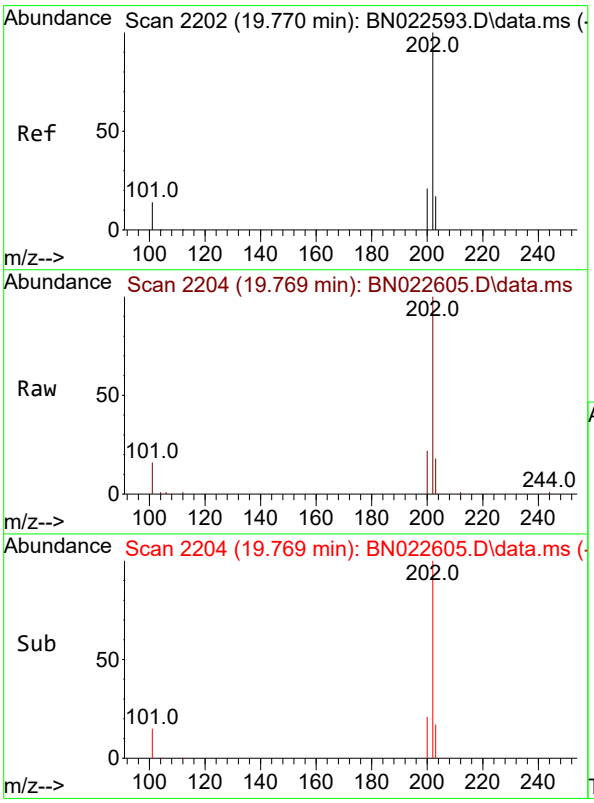
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.546 min Scan# 24
Delta R.T. 0.008 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 6263

Ion	Ratio	Lower	Upper
240	100		
120	12.2	15.0	22.4#
236	27.9	23.1	34.7

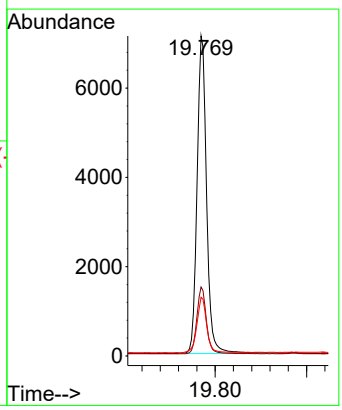


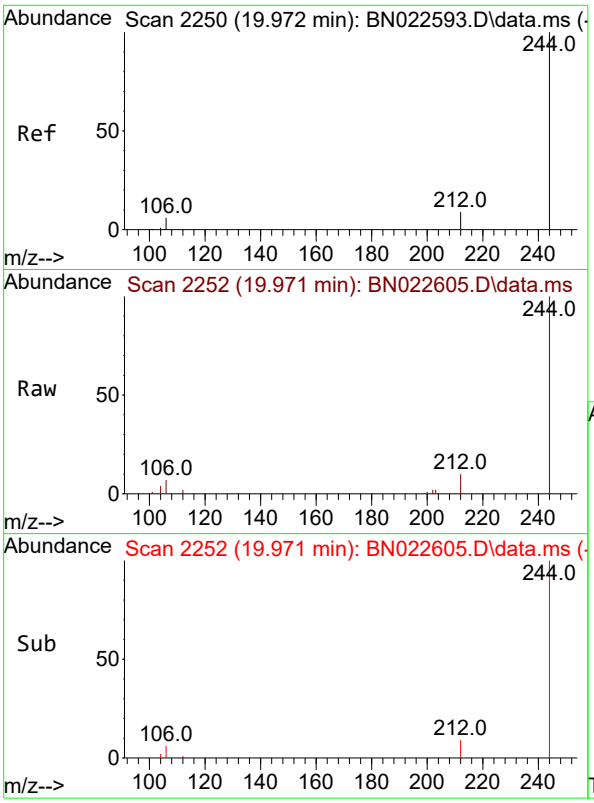


#30
Pyrene
Concen: 0.404 ng
RT: 19.769 min Scan# 2204
Delta R.T. -0.001 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:202 Resp: 10315

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.9	14.2	21.2



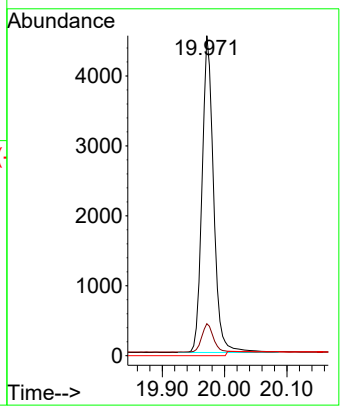


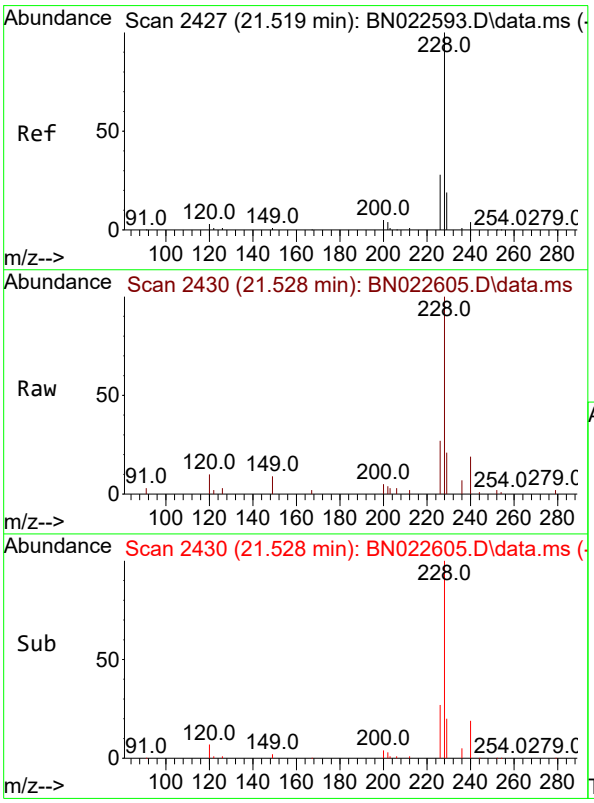
#31
Terphenyl-d14
Concen: 0.403 ng
RT: 19.971 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 7832

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.0	12.0
122	0.0	0.0	0.0

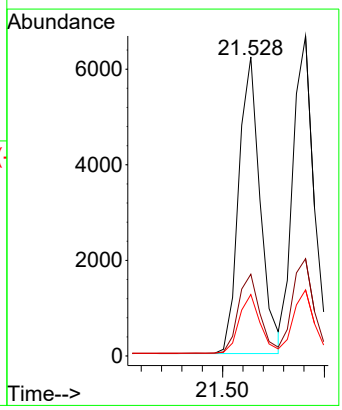


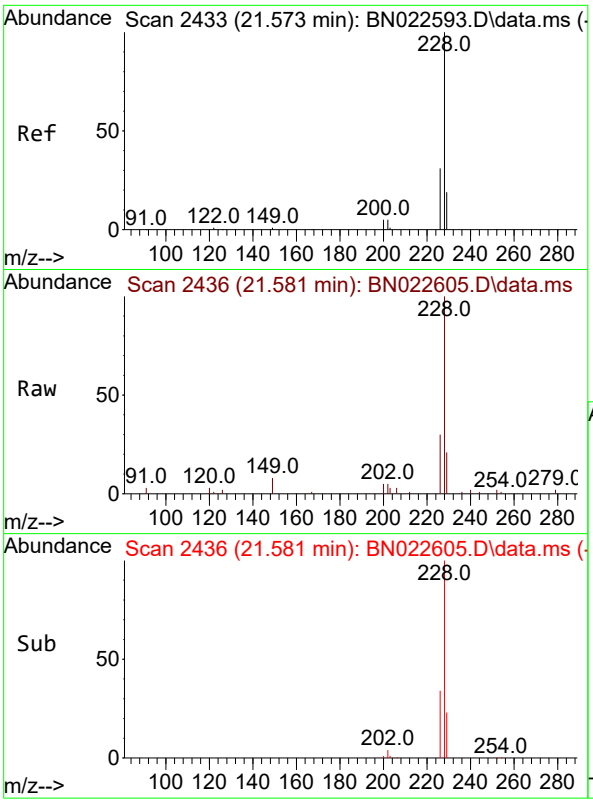


#32
Benzo(a)anthracene
Concen: 0.393 ng
RT: 21.528 min Scan# 2430
Delta R.T. 0.008 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:228 Resp: 9059

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.6
229	20.5	16.3	24.5



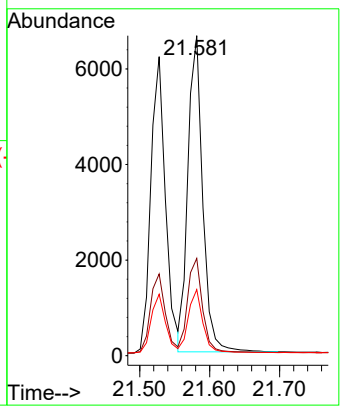


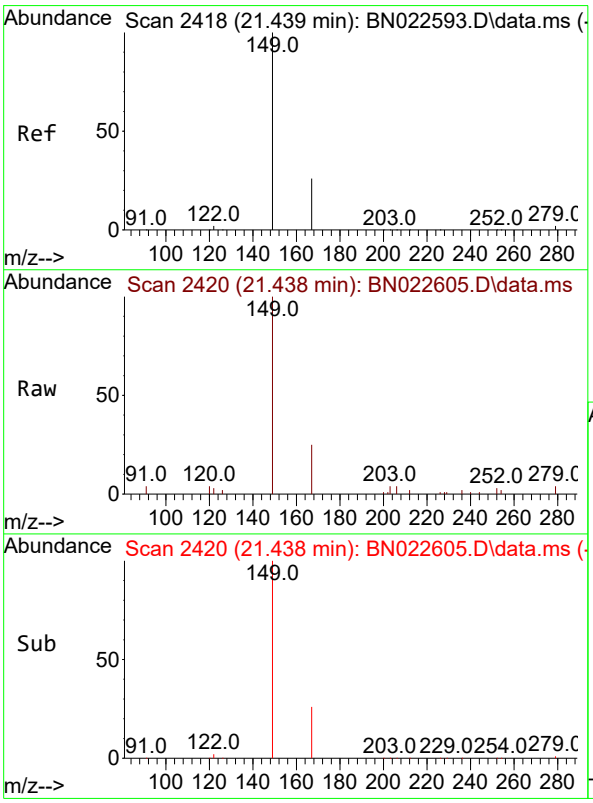
#33
Chrysene
Concen: 0.408 ng
RT: 21.581 min Scan# 24
Delta R.T. 0.008 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9689

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.3	37.9
229	20.6	16.0	24.0

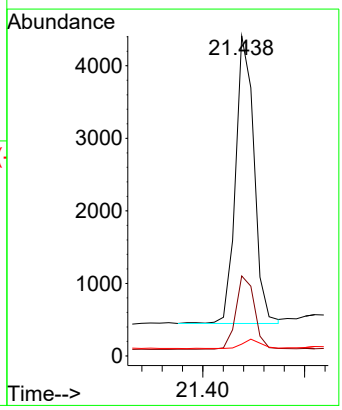


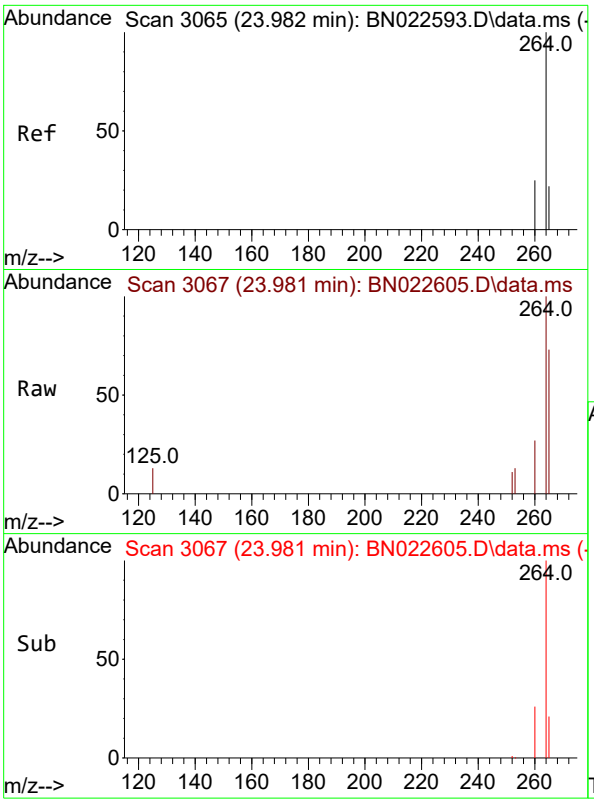


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.375 ng
RT: 21.438 min Scan# 2420
Delta R.T. -0.001 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:149 Resp: 4985

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.8	31.2
279	3.4	2.4	3.6



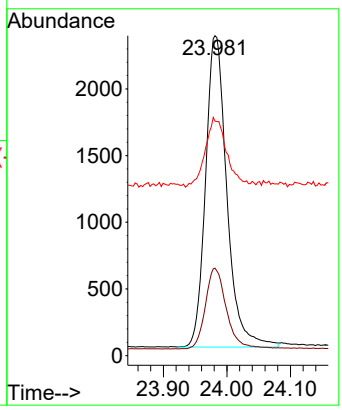


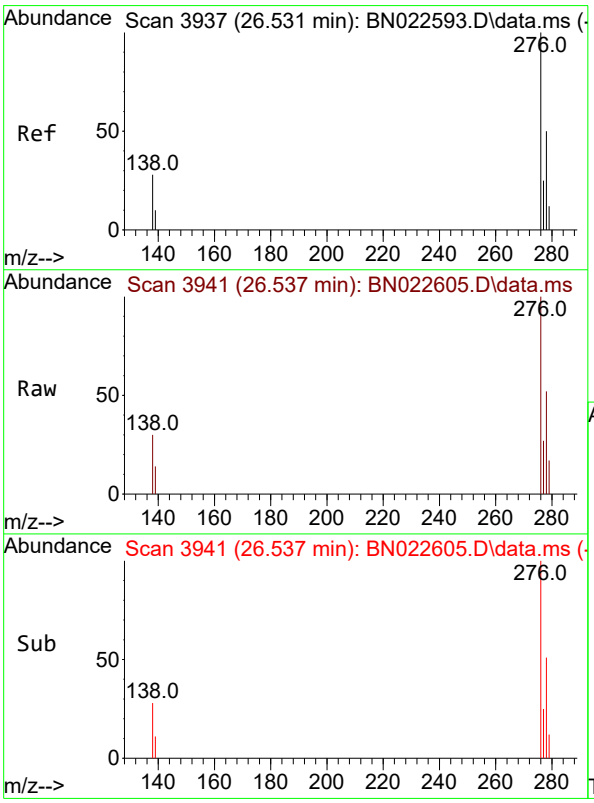
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.981 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 5438

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.2	31.8
265	73.3	57.5	86.3

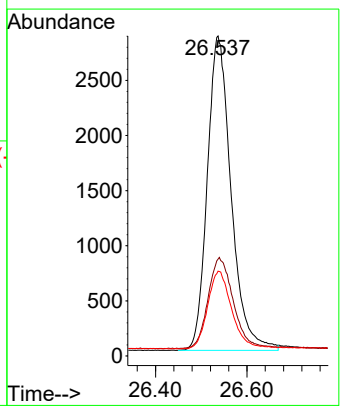


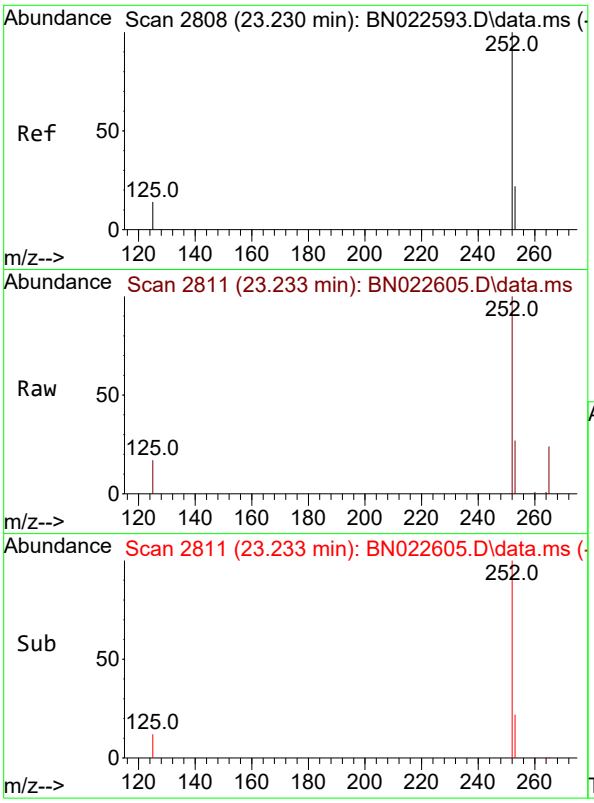


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 26.537 min Scan# 3941
Delta R.T. 0.005 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:276 Resp: 10311

Ion	Ratio	Lower	Upper
276	100		
138	30.5	24.3	36.5
277	25.1	19.8	29.6



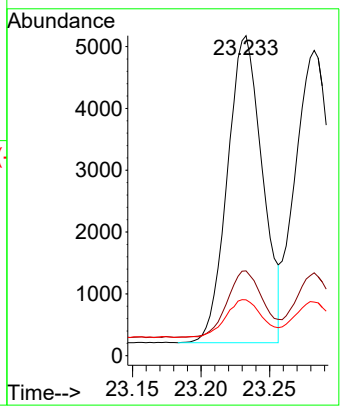


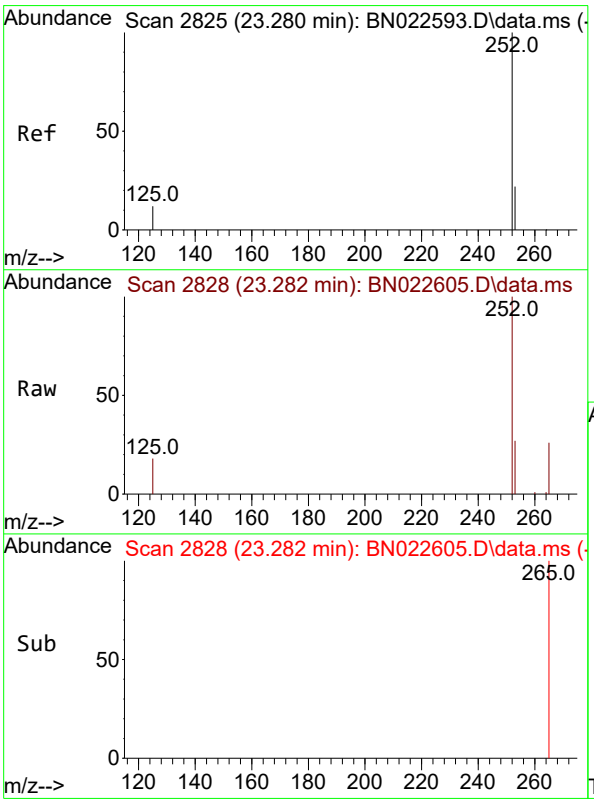
#37
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 23.233 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8825

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.5	32.3
125	17.5	15.5	23.3

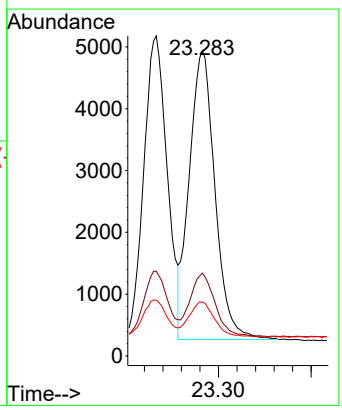


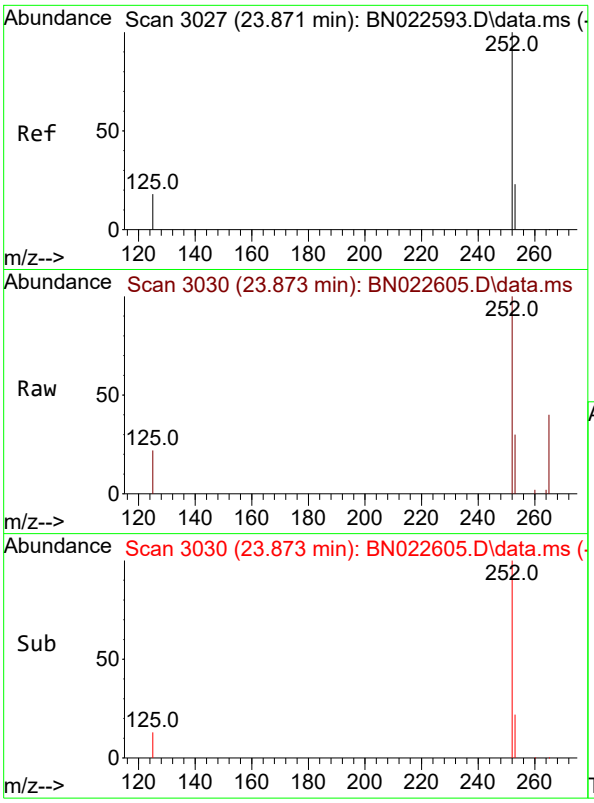


#38
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 23.282 min Scan# 2828
Delta R.T. 0.002 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:252 Resp: 9006

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.7	32.5
125	17.6	14.5	21.7



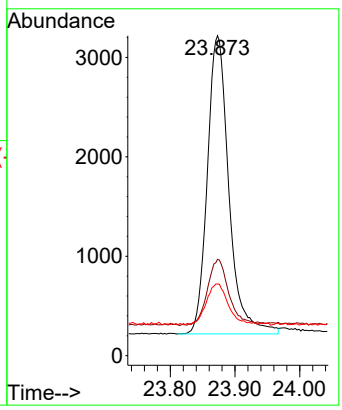


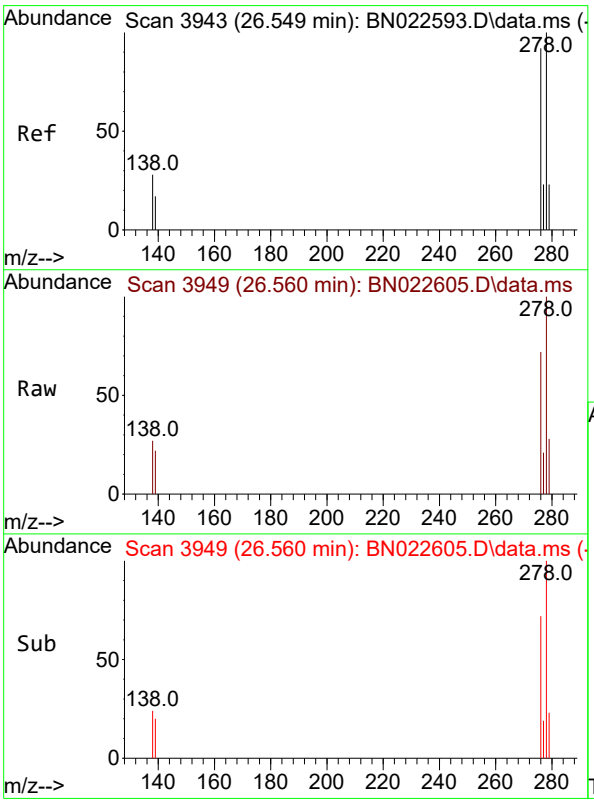
#39
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.873 min Scan# 3
Delta R.T. 0.002 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6949

Ion	Ratio	Lower	Upper
252	100		
253	30.1	24.7	37.1
125	22.4	21.3	31.9

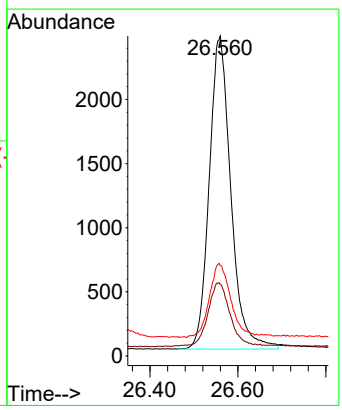


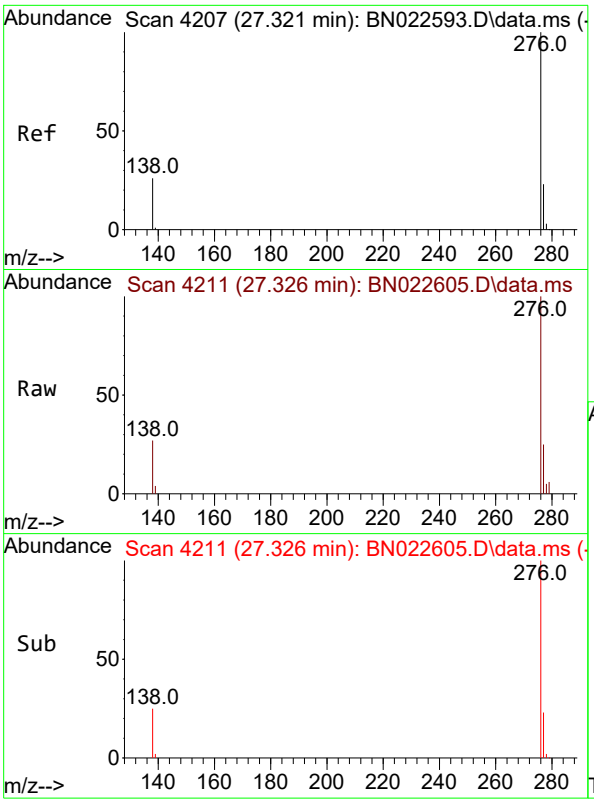


#40
Dibenzo(a,h)anthracene
Concen: 0.403 ng
RT: 26.560 min Scan# 3949
Delta R.T. 0.011 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Tgt Ion:278 Resp: 8327

Ion	Ratio	Lower	Upper
278	100		
139	22.3	19.1	28.7
279	28.2	23.7	35.5





#41
Benzo(g,h,i)perylene
Concen: 0.421 ng
RT: 27.326 min Scan# 4
Delta R.T. 0.005 min
Lab File: BN022605.D
Acq: 11 Nov 2022 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 9163

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.6	31.0
138	27.3	23.0	34.4