Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040522\
Data File : BN019363.D
Acq On : 05 Apr 2022 23:04
Operator : CG/JU
Sample : N2237-07DL 50X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A01040DL

Quant Time: Apr 06 02:32:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	3831	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12411	0.400	ng	# 0.01
13) Acenaphthene-d10	14.463	164	8421	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	18695	0.400	ng	# 0.00
29) Chrysene-d12	21.386	240	17876	0.400	ng	# 0.00
35) Perylene-d12	23.735	264	14666	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	46	0.004	ng	0.00
5) Phenol-d6	7.002	99	36	0.003	ng	0.01
8) Nitrobenzene-d5	9.024	82	28	0.002	ng	0.04
11) 2-Methylnaphthalene-d10	12.238	152	92	0.004	ng	0.01
14) 2,4,6-Tribromophenol	15.964	330	21	0.004	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	137	0.004	ng	0.01
27) Fluoranthene-d10	19.236	212	137	0.002	ng	0.00
31) Terphenyl-d14	19.826	244	467	0.012	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.679	128	2517	0.069	ng	# 89
12) 2-Methylnaphthalene	12.306	142	946	0.037	ng	# 87
16) Acenaphthylene	14.185	152	15494	0.371	ng	100
17) Acenaphthene	14.527	154	4995	0.180	ng	98
18) Fluorene	15.510	166	9870	0.269	ng	98
25) Phenanthrene	17.246	178	249150	3.972	ng	100
26) Anthracene	17.338	178	55125	0.999	ng	97
28) Fluoranthene	19.265	202	578314	7.774	ng	99
30) Pyrene	19.628	202	486351	5.847	ng	# 95
32) Benzo(a)anthracene	21.368	228	289214	4.379	ng	99
33) Chrysene	21.422	228	252318	3.438	ng	98
36) Indeno(1,2,3-cd)pyrene	26.155	276	87627	1.427	ng	# 90
37) Benzo(b)fluoranthene	23.205	252	22152	0.385	ng	94
39) Benzo(a)pyrene	23.530	252	124295	2.407	ng	96
40) Dibenzo(a,h)anthracene	26.167	278	21298	0.448	ng	# 92
41) Benzo(g,h,i)perylene	26.898	276	86435	1.519	ng	98

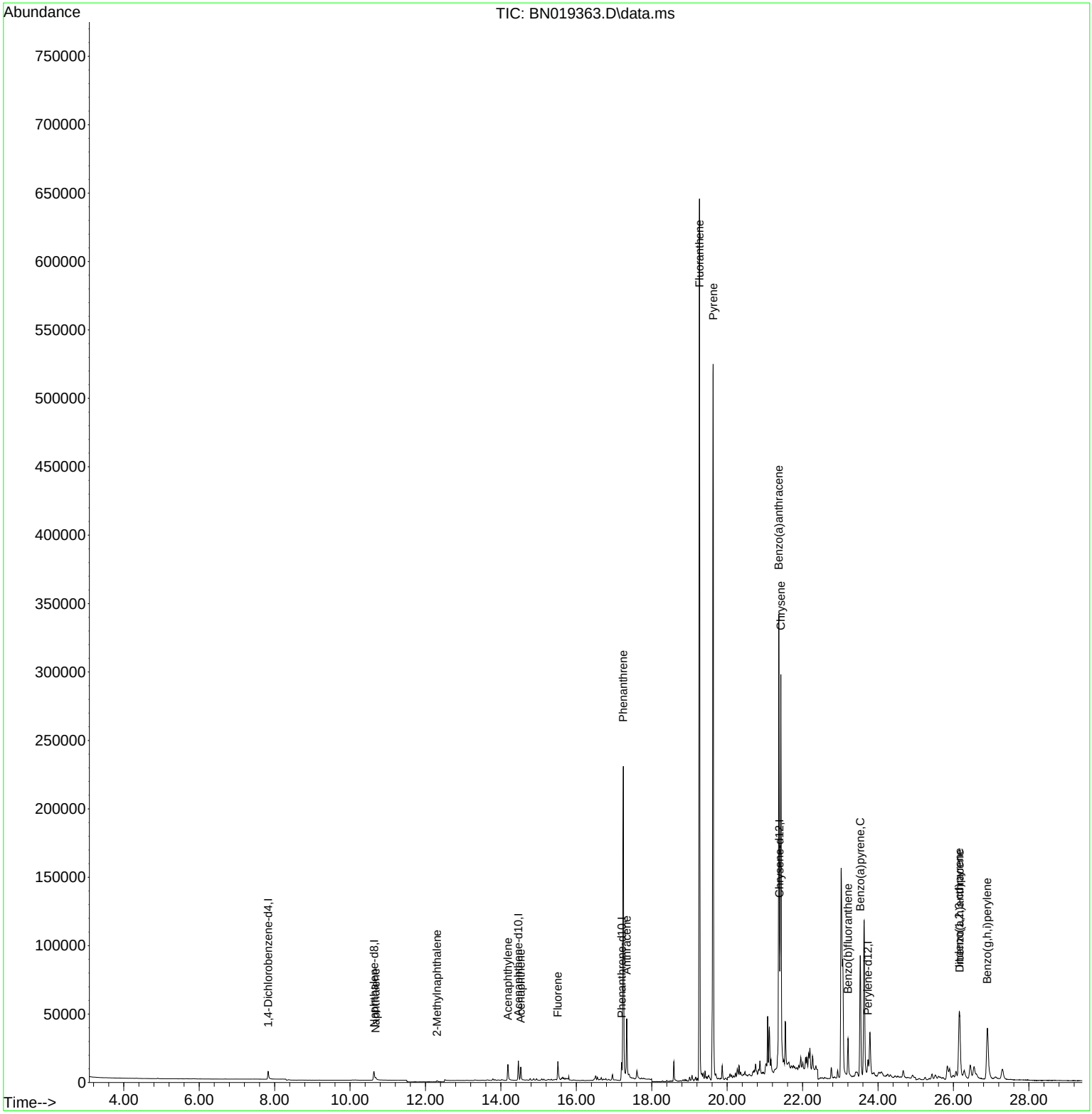
(#) = qualifier out of range (m) = manual integration (+) = signals summed

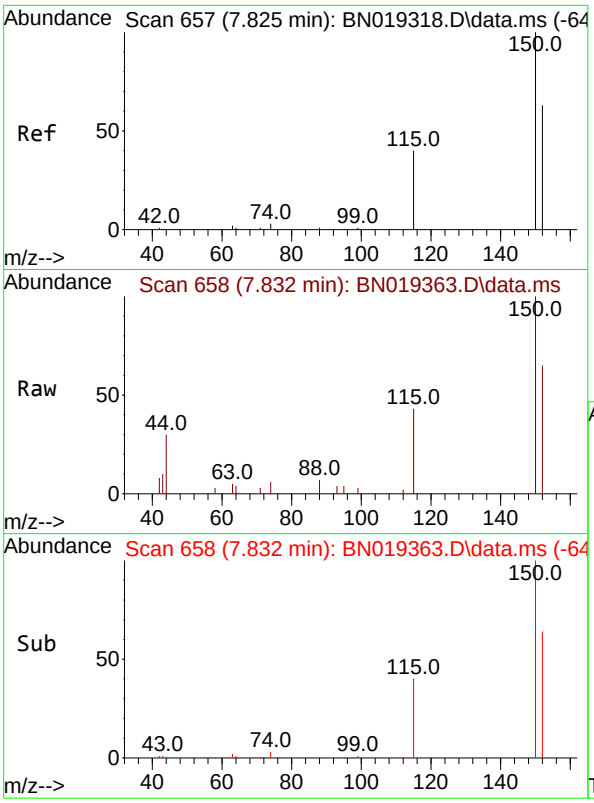
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040522\
Data File : BN019363.D
Acq On : 05 Apr 2022 23:04
Operator : CG/JU
Sample : N2237-07DL 50X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A01040DL

Quant Time: Apr 06 02:32:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration



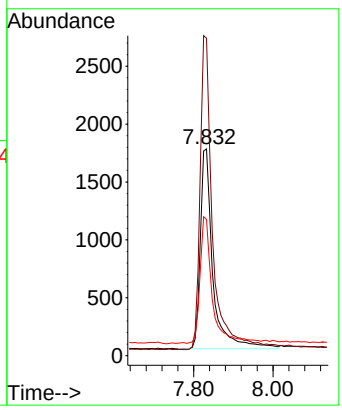


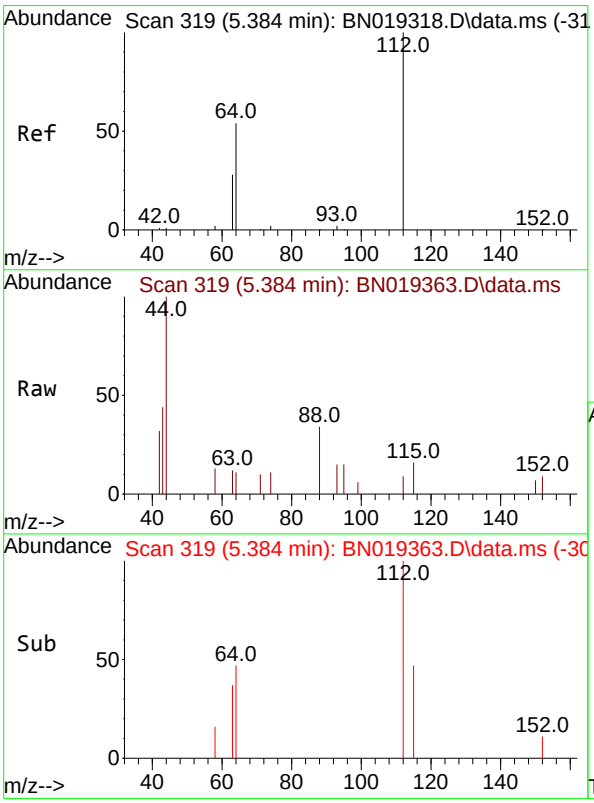
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion:152 Resp: 3831

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.9	185.9
115	65.9	48.2	72.4

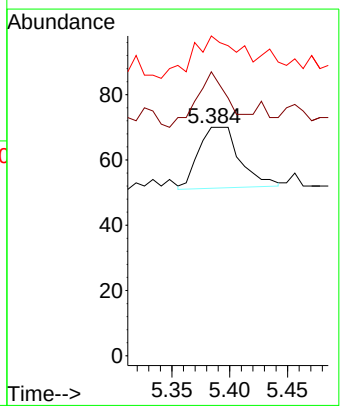


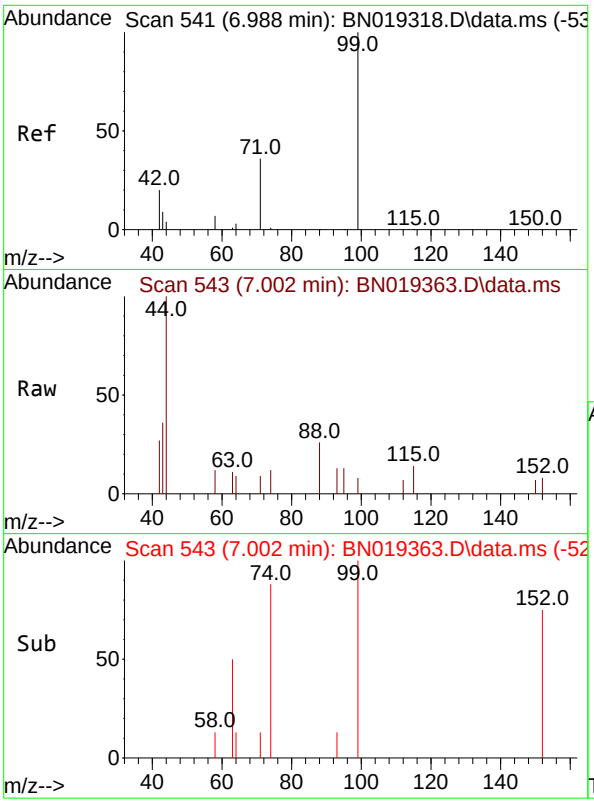


#4
2-Fluorophenol
Concen: 0.004 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:112 Resp: 46

Ion	Ratio	Lower	Upper
112	100		
64	69.6	47.8	71.8
63	80.4	25.7	38.5#



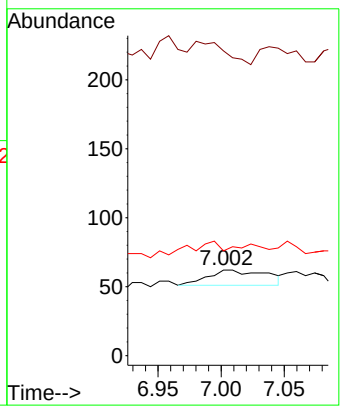


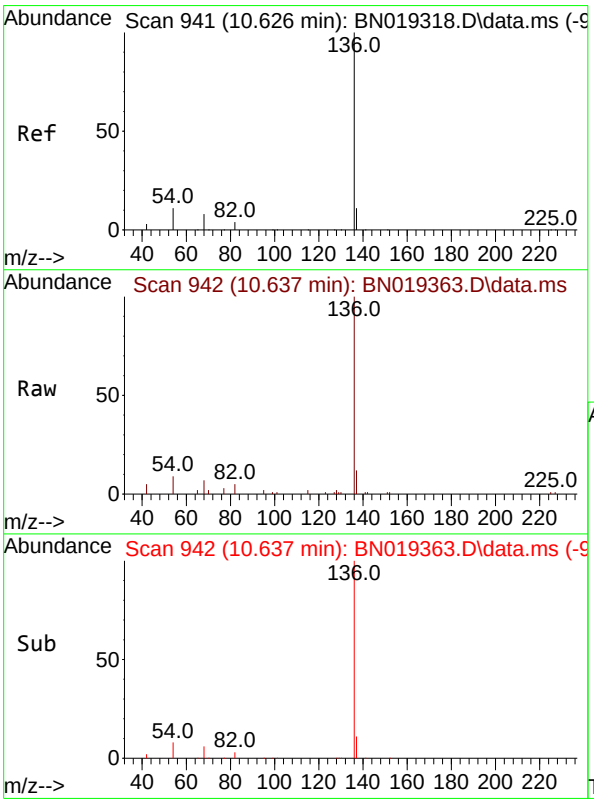
#5
Phenol-d6
Concen: 0.003 ng
RT: 7.002 min Scan# 54
Delta R.T. 0.014 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion: 99 Resp: 36

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.2	24.4#
71	63.9	27.7	41.5#

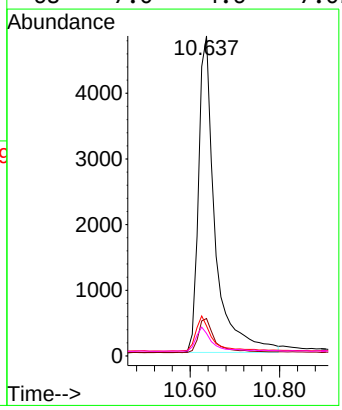


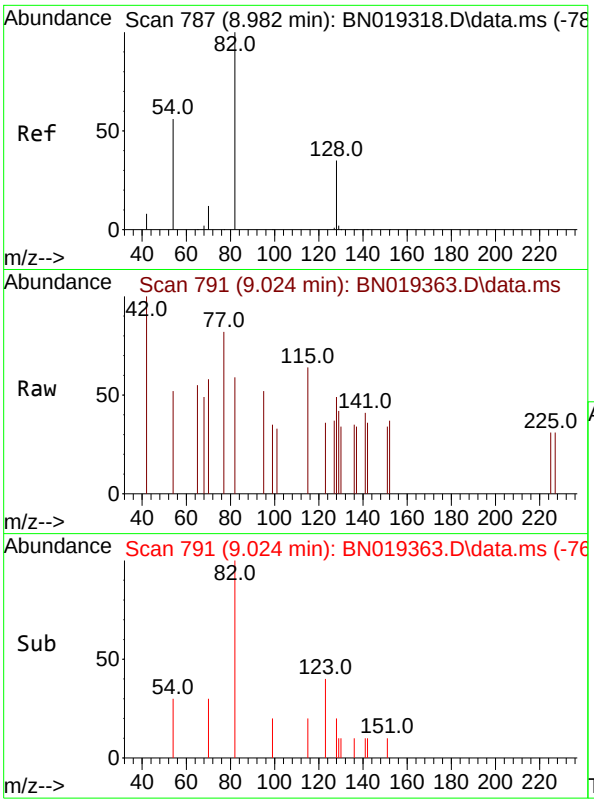


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. 0.010 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:136 Resp: 12411

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	9.4	5.8	8.6#
68	7.0	4.6	7.0#



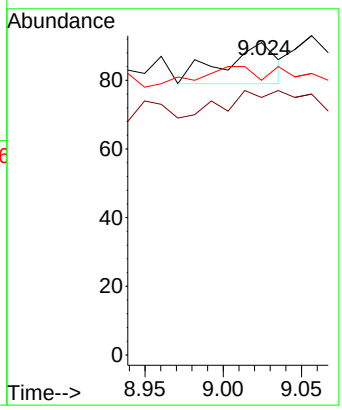


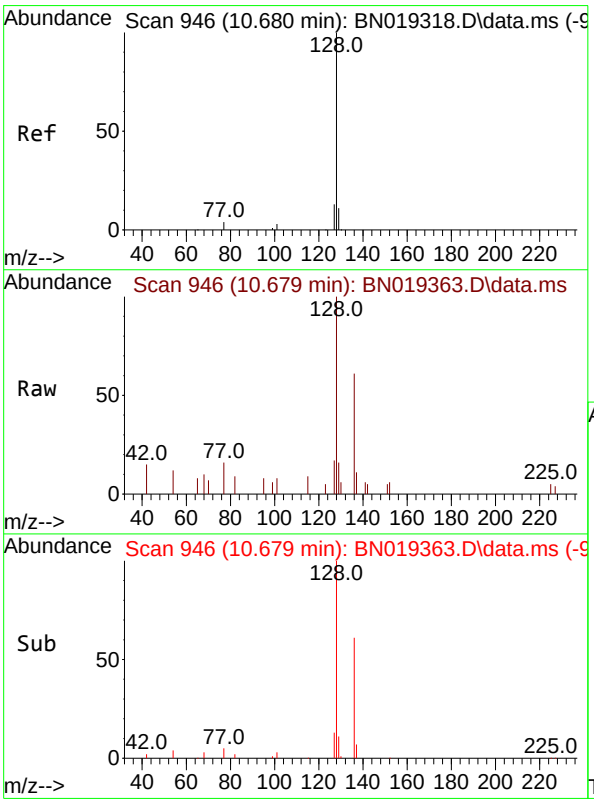
#8
Nitrobenzene-d5
Concen: 0.002 ng
RT: 9.024 min Scan# 7
Delta R.T. 0.042 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion: 82 Resp: 28

Ion	Ratio	Lower	Upper
82	100		
128	82.4	33.0	49.6#
54	87.9	42.5	63.7#

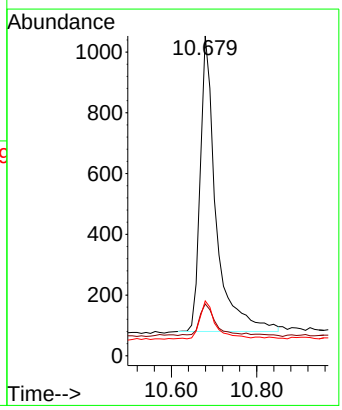


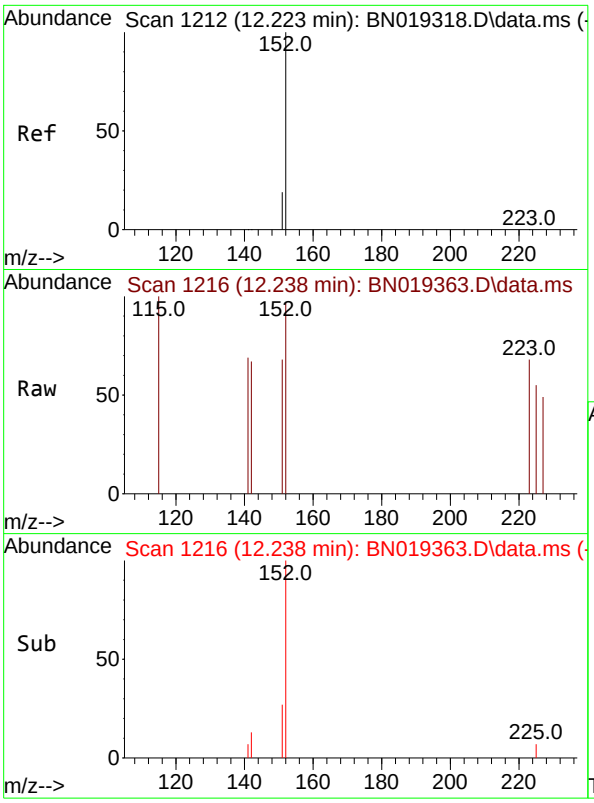


#9
Naphthalene
Concen: 0.069 ng
RT: 10.679 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:128 Resp: 2517

Ion	Ratio	Lower	Upper
128	100		
129	16.2	9.0	13.4#
127	17.2	10.7	16.1#



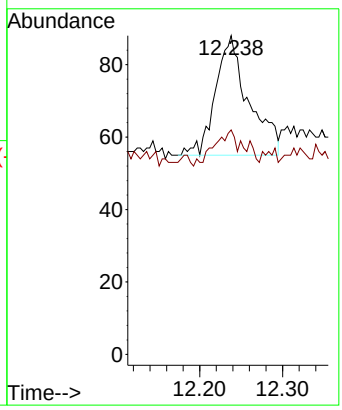


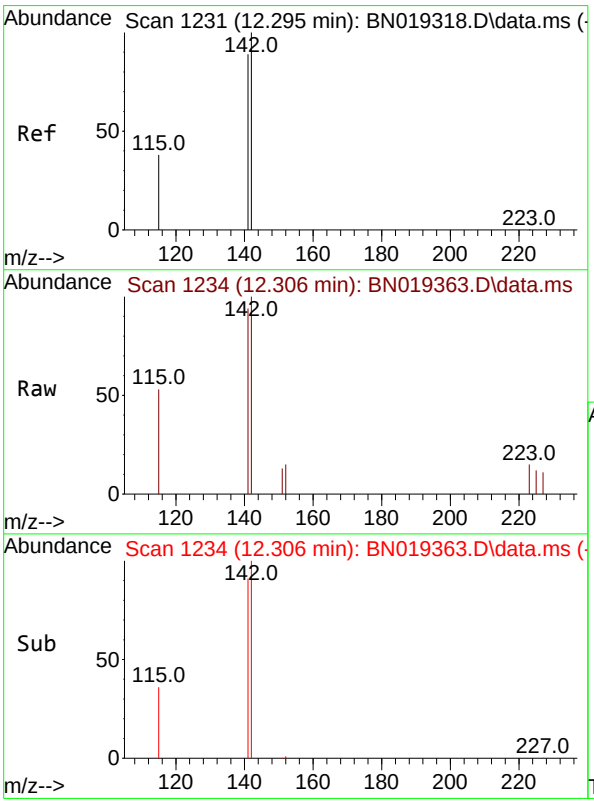
#11
2-Methylnaphthalene-d10
Concen: 0.004 ng
RT: 12.238 min Scan# 1
Delta R.T. 0.015 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion:152 Resp: 92

Ion	Ratio	Lower	Upper
152	100		
151	22.8	16.5	24.7

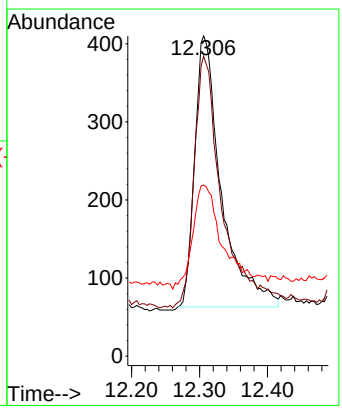


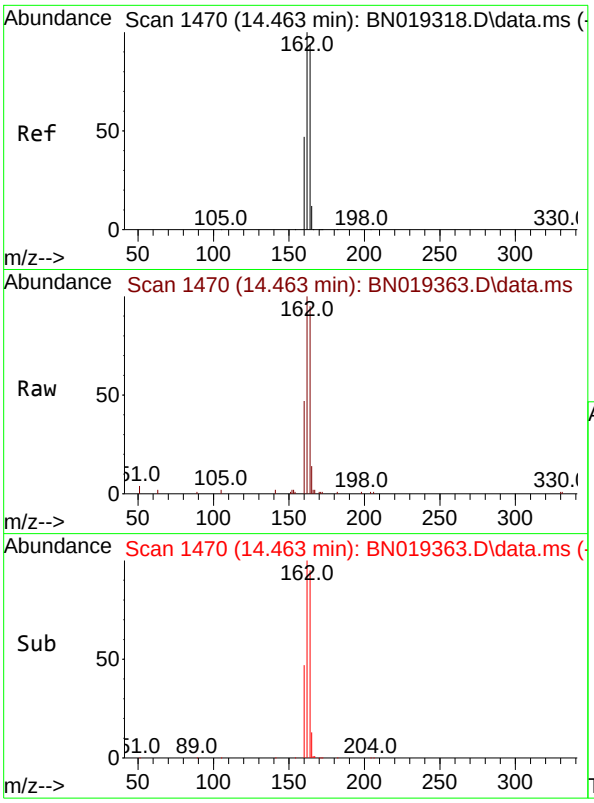


#12
2-Methylnaphthalene
Concen: 0.037 ng
RT: 12.306 min Scan# 1234
Delta R.T. 0.011 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:142 Resp: 946

Ion	Ratio	Lower	Upper
142	100		
141	93.7	70.0	105.0
115	53.4	29.8	44.8#



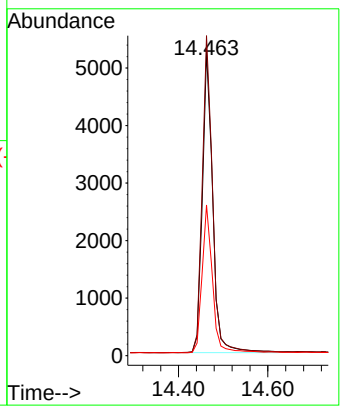


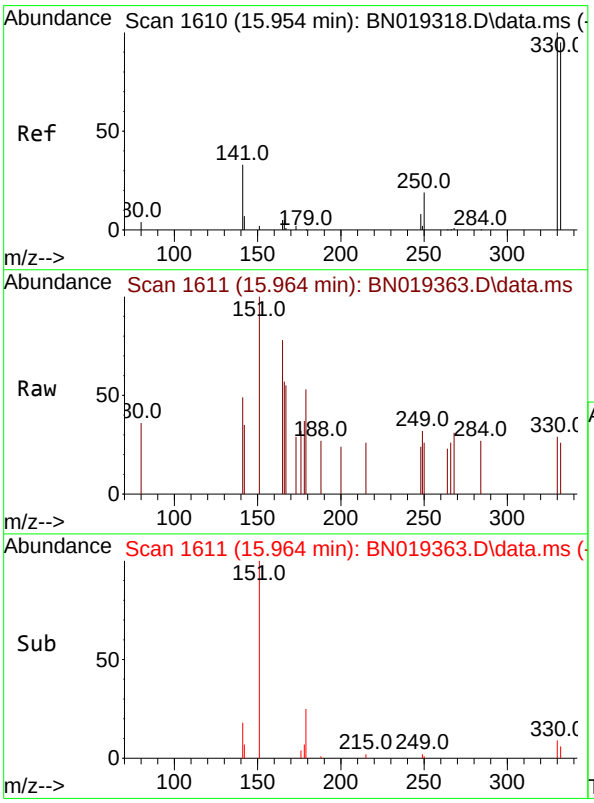
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion:164 Resp: 8421

Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.2	127.8
160	49.6	41.5	62.3

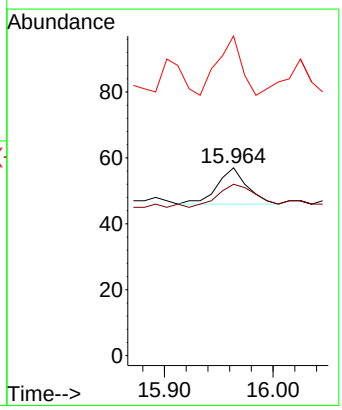


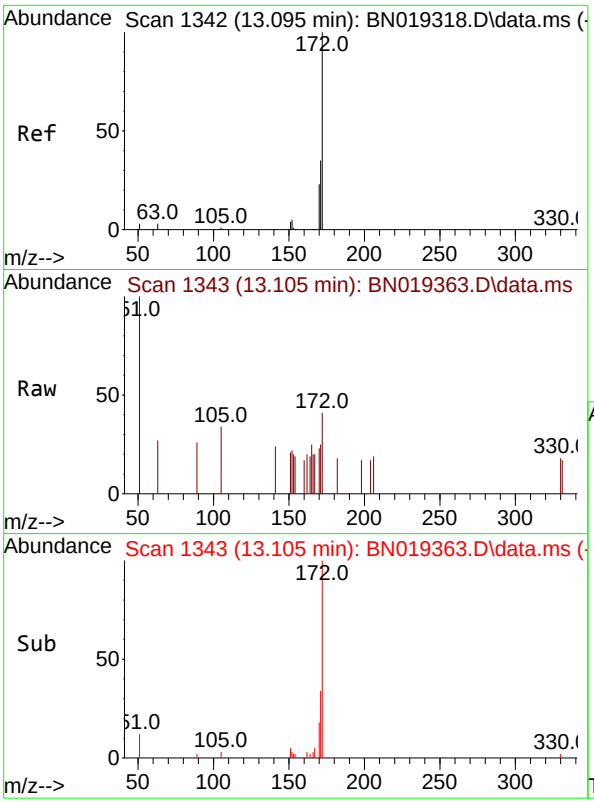


#14
2,4,6-Tribromophenol
Concen: 0.004 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.010 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:330 Resp: 21

Ion	Ratio	Lower	Upper
330	100		
332	85.7	76.8	115.2
141	128.6	32.2	48.2#



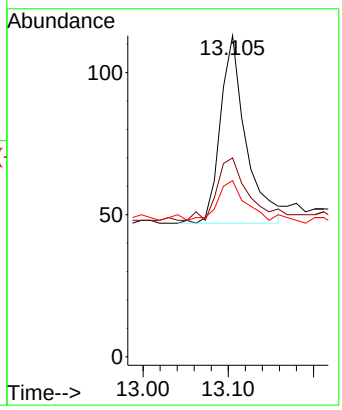


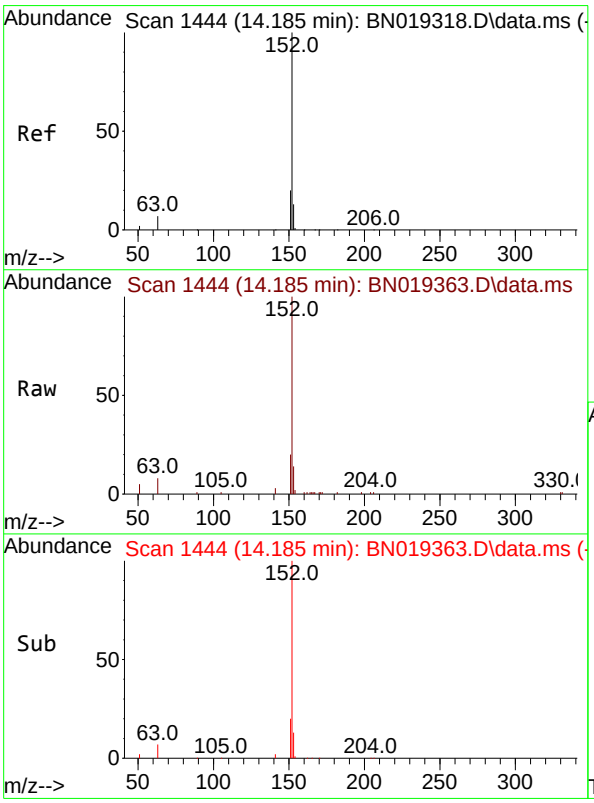
#15
2-Fluorobiphenyl
Concen: 0.004 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion:172 Resp: 137

Ion	Ratio	Lower	Upper
172	100		
171	61.9	28.2	42.2#
170	54.9	18.7	28.1#

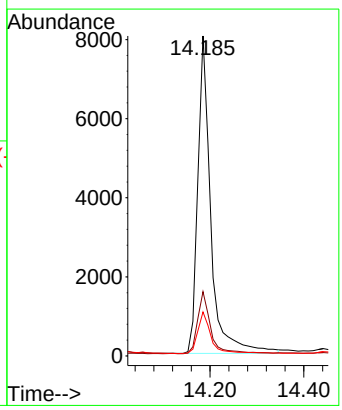


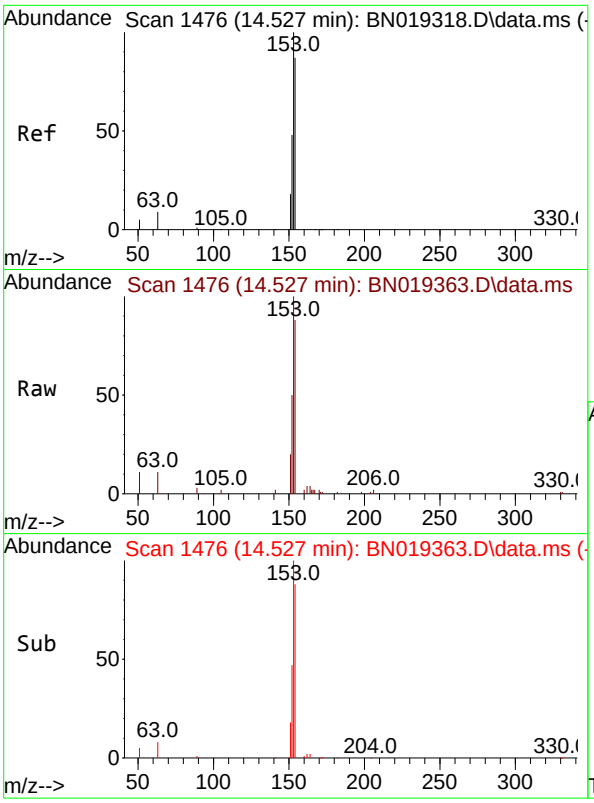


#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:152 Resp: 15494

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.2	10.6	15.8



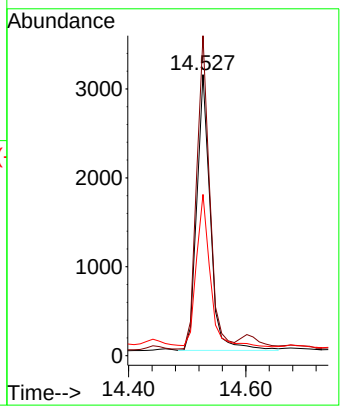


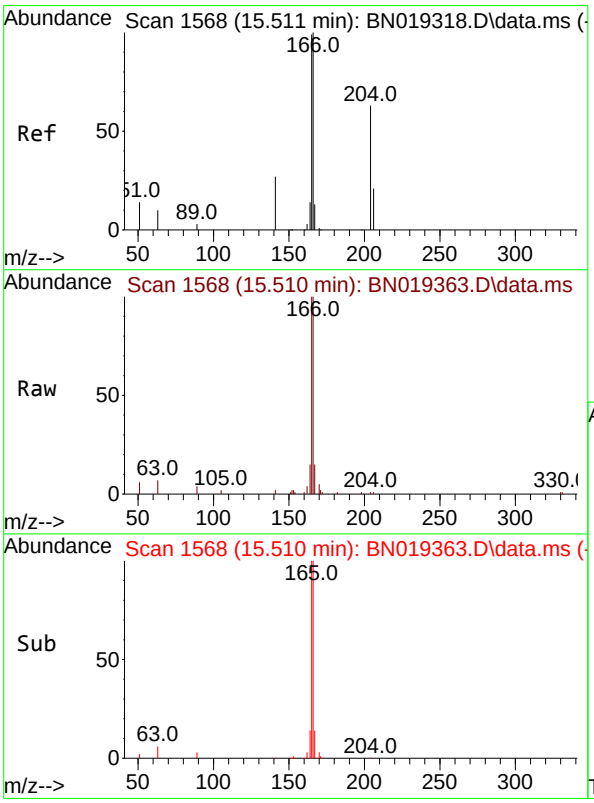
#17
Acenaphthene
Concen: 0.180 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion:154 Resp: 4995

Ion	Ratio	Lower	Upper
154	100		
153	109.5	89.7	134.5
152	56.1	44.7	67.1

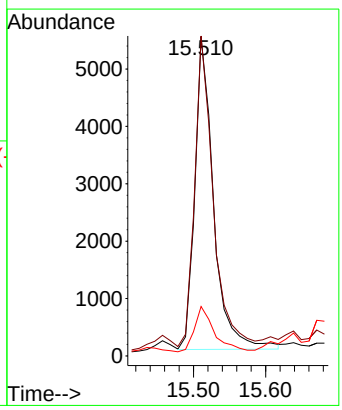


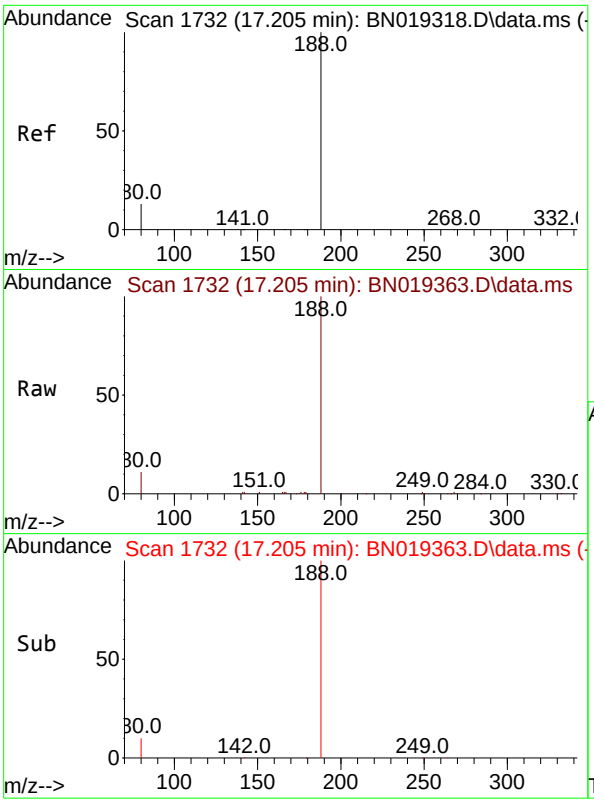


#18
Fluorene
Concen: 0.269 ng
RT: 15.510 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:166 Resp: 9870

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.2	118.8
167	15.5	10.7	16.1





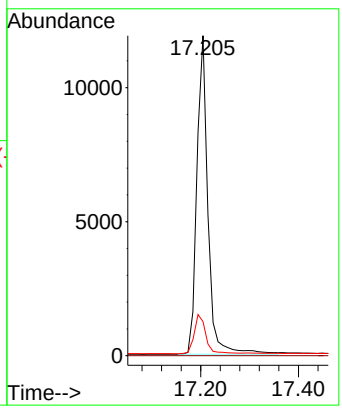
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1

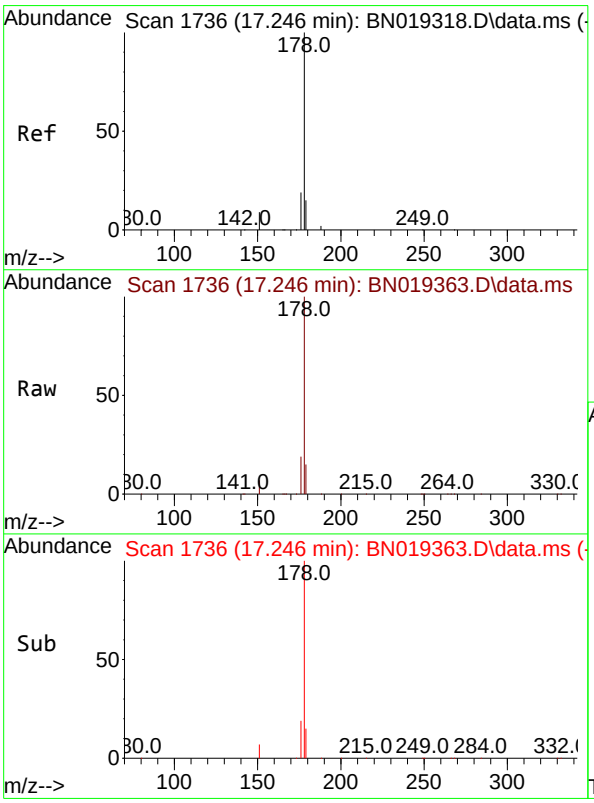
Instrument :
BNA_N
ClientSampleId :
A01040DL

Delta R.T. -0.000 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:188 Resp: 18695

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

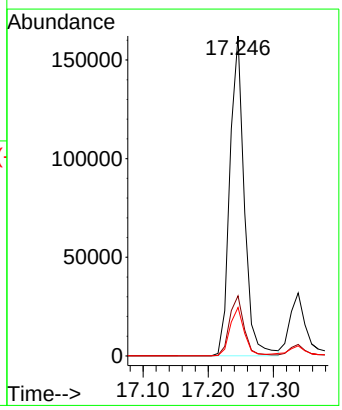


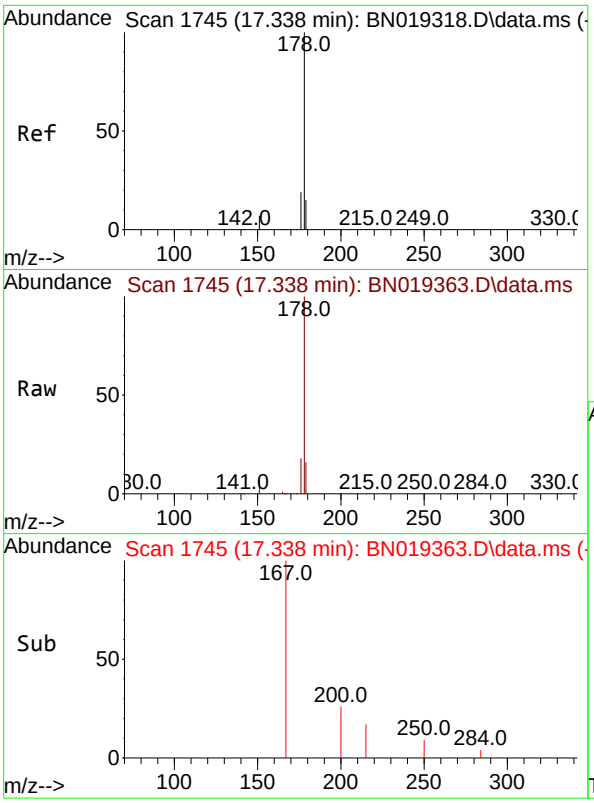


#25
Phenanthrene
Concen: 3.972 ng
RT: 17.246 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:178 Resp: 249150

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.0	12.2	18.2



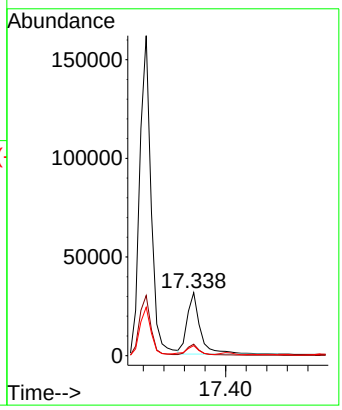


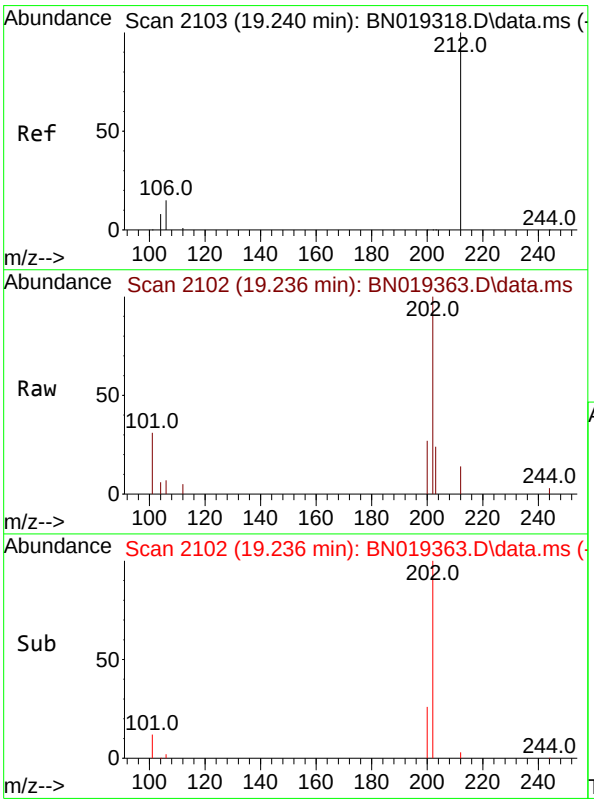
#26
Anthracene
Concen: 0.999 ng
RT: 17.338 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion:178 Resp: 55125

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	13.1	12.2	18.4

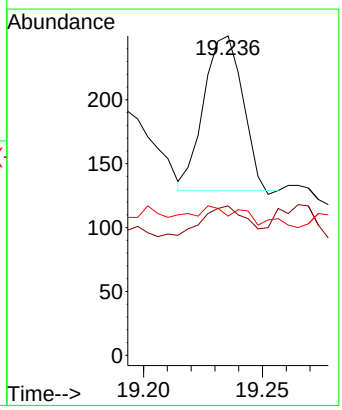


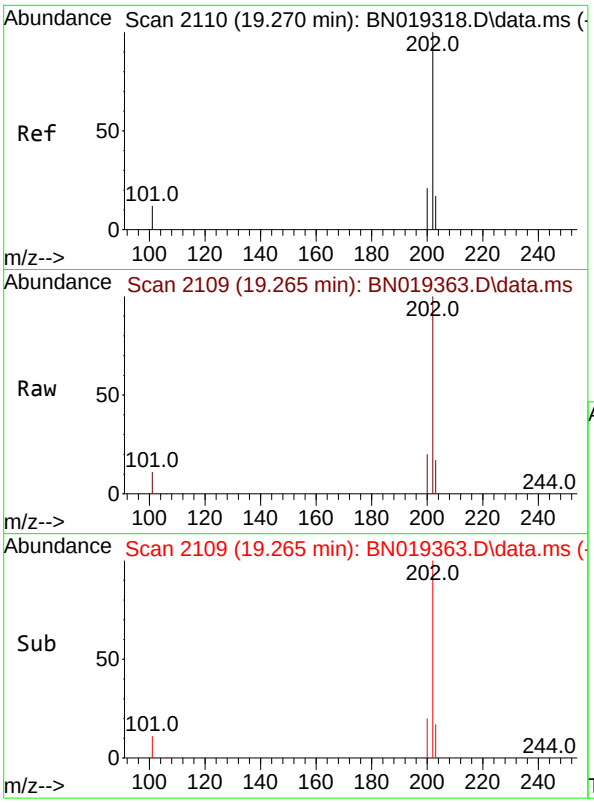


#27
Fluoranthene-d10
Concen: 0.002 ng
RT: 19.236 min Scan# 2102
Delta R.T. -0.004 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:212 Resp: 137

Ion	Ratio	Lower	Upper
212	100		
106	21.9	12.7	19.1#
104	21.2	7.1	10.7#



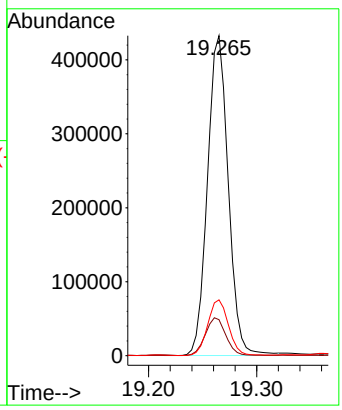


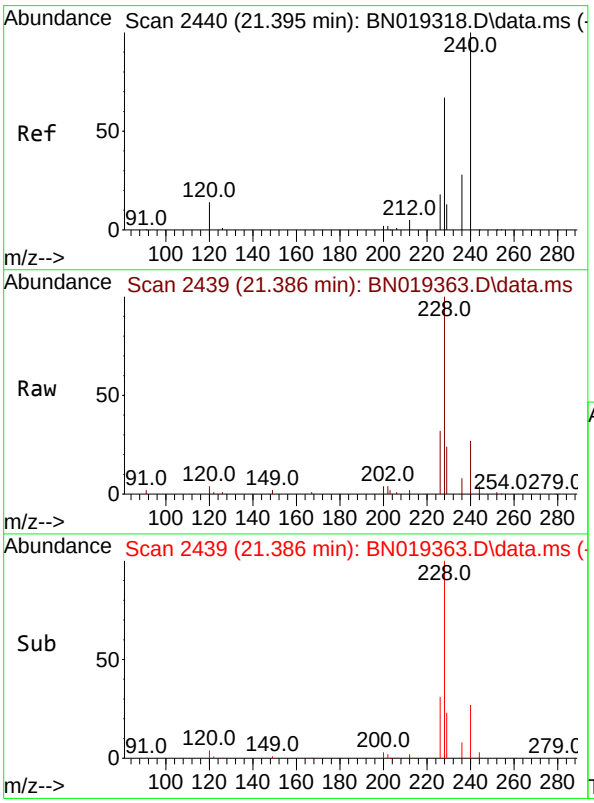
#28
Fluoranthene
Concen: 7.774 ng
RT: 19.265 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion:202 Resp: 578314

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
203	17.4	13.7	20.5

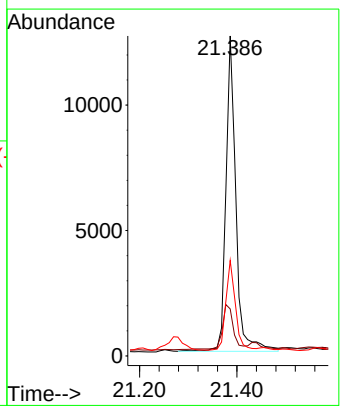


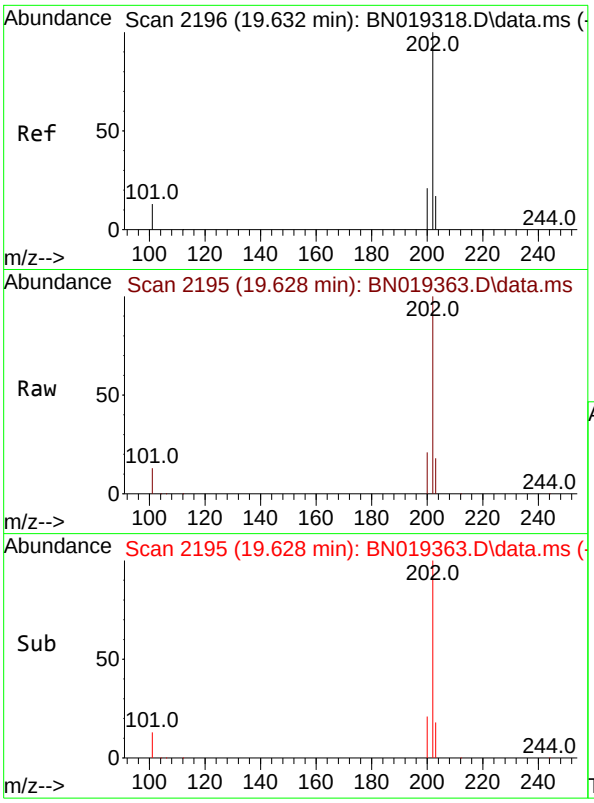


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:240 Resp: 17876

Ion	Ratio	Lower	Upper
240	100		
120	14.7	8.5	12.7#
236	29.8	22.4	33.6



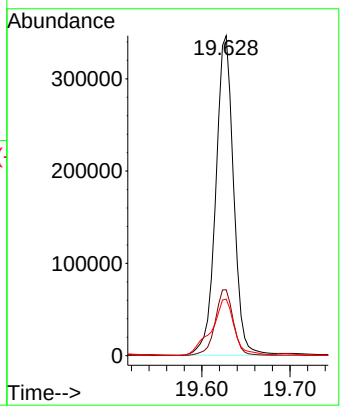


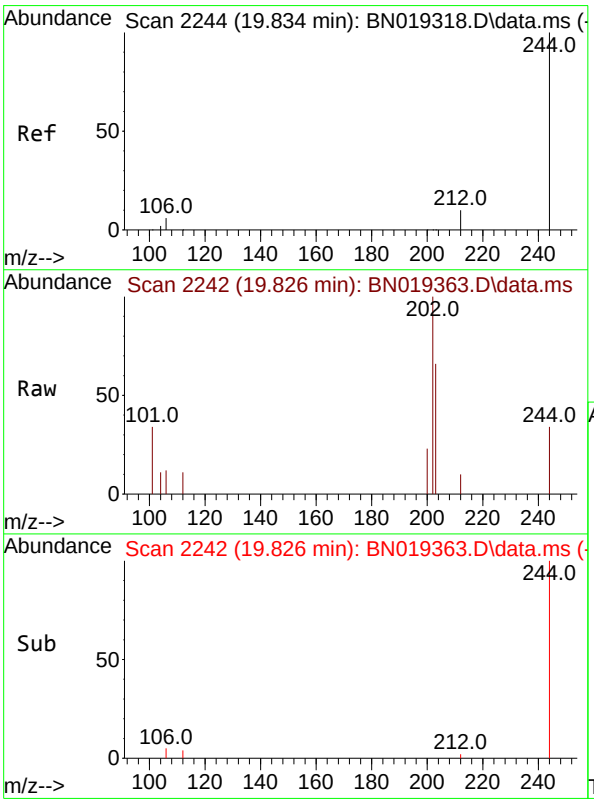
#30
Pyrene
Concen: 5.847 ng
RT: 19.628 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion:202 Resp: 486351

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	22.6	14.2	21.2#

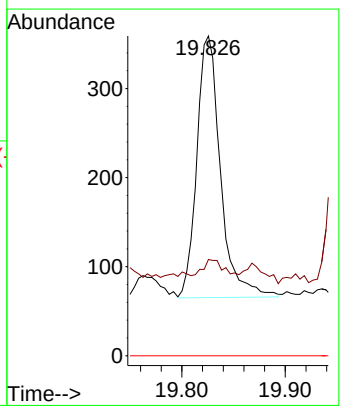


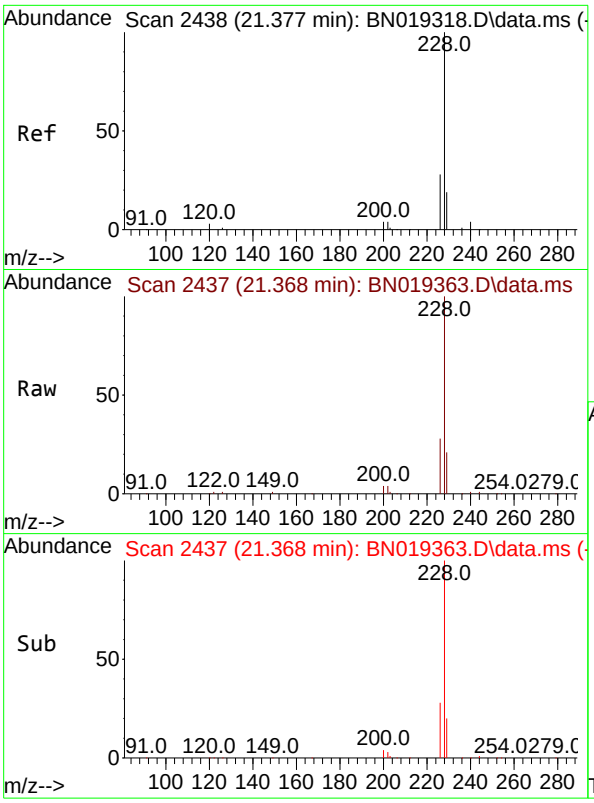


#31
Terphenyl-d14
Concen: 0.012 ng
RT: 19.826 min Scan# 2242
Delta R.T. -0.009 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:244 Resp: 467

Ion	Ratio	Lower	Upper
244	100		
212	30.1	8.2	12.4#
122	0.0	0.0	0.0



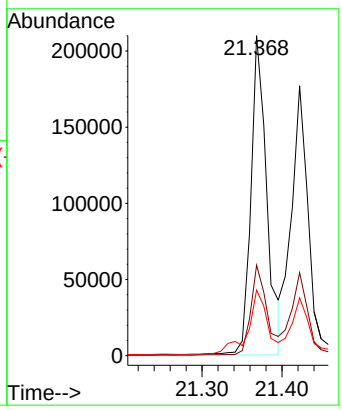


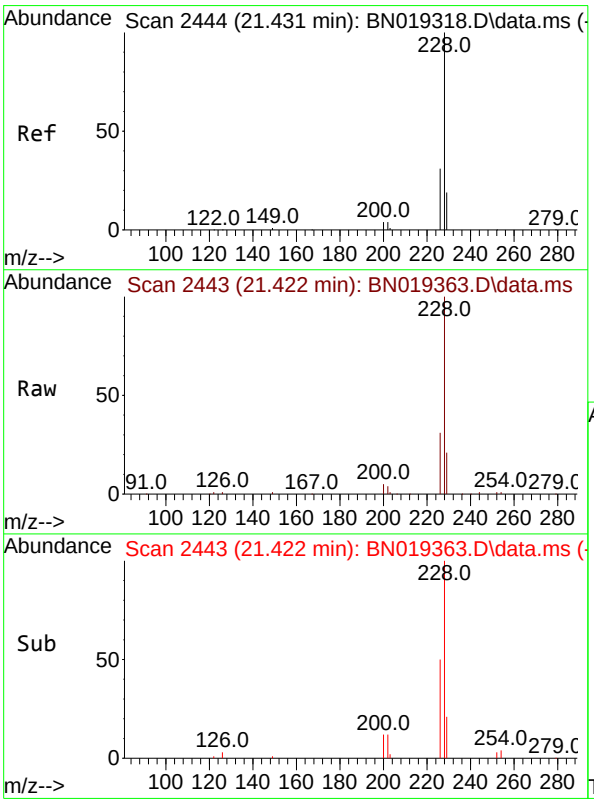
#32
Benzo(a)anthracene
Concen: 4.379 ng
RT: 21.368 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion:228 Resp: 289214

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.9	32.9
229	20.5	16.0	24.0

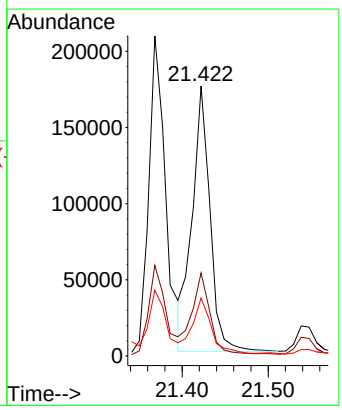


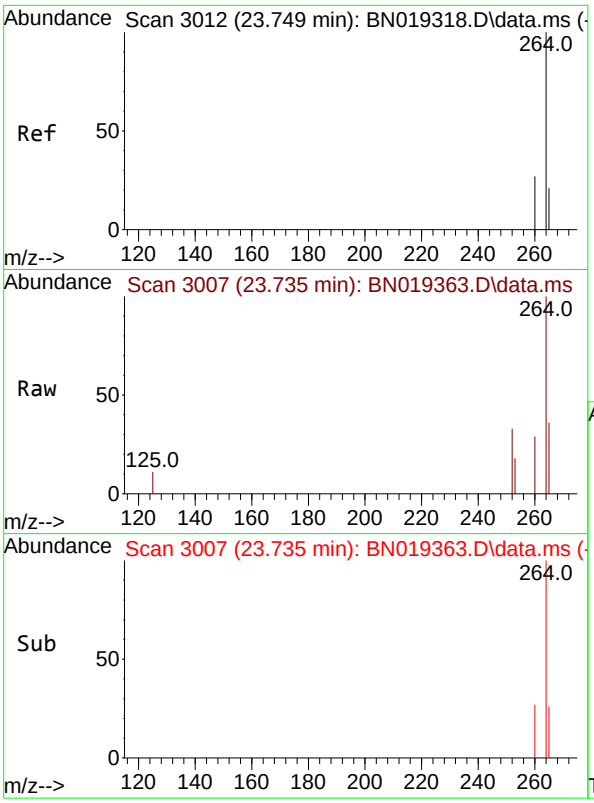


#33
Chrysene
Concen: 3.438 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:228 Resp: 252318

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.4	15.9	23.9



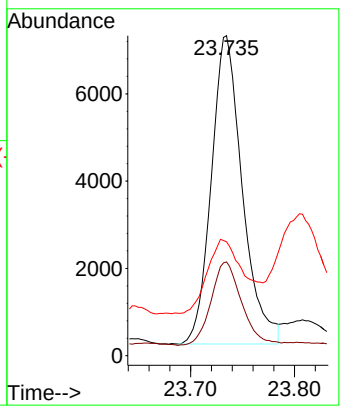


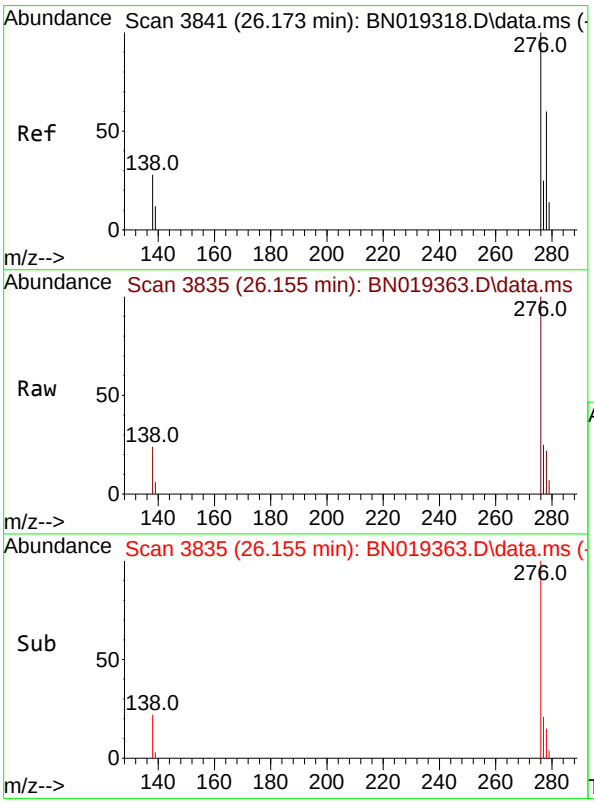
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.735 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion:264 Resp: 14666

Ion	Ratio	Lower	Upper
264	100		
260	29.3	22.4	33.6
265	35.6	25.3	37.9

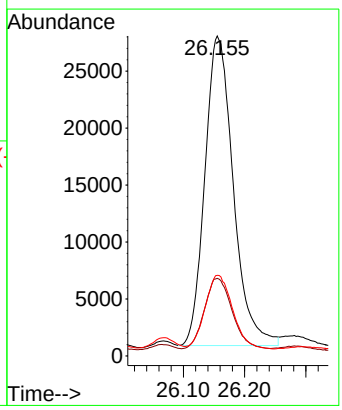


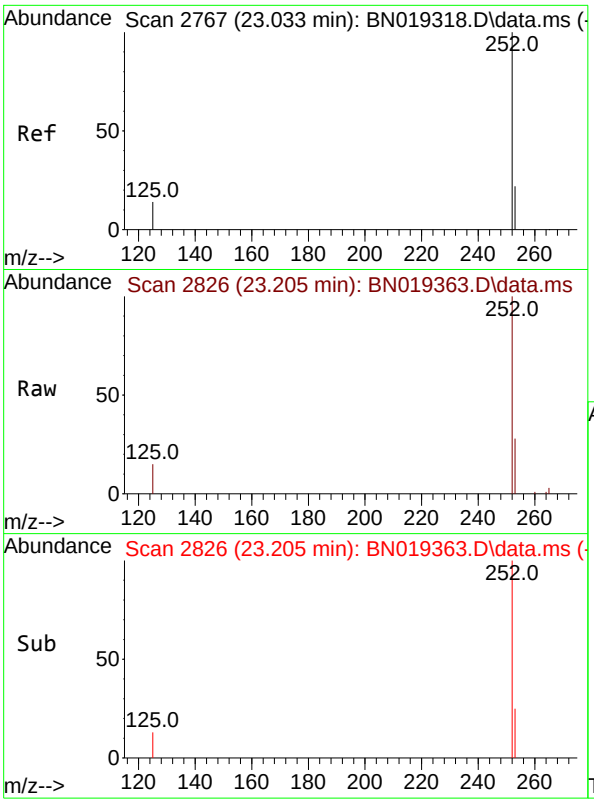


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.427 ng
RT: 26.155 min Scan# 3835
Delta R.T. -0.018 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:276 Resp: 87627

Ion	Ratio	Lower	Upper
276	100		
138	22.1	24.5	36.7#
277	23.0	19.8	29.8



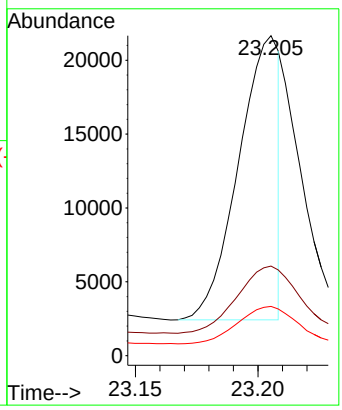


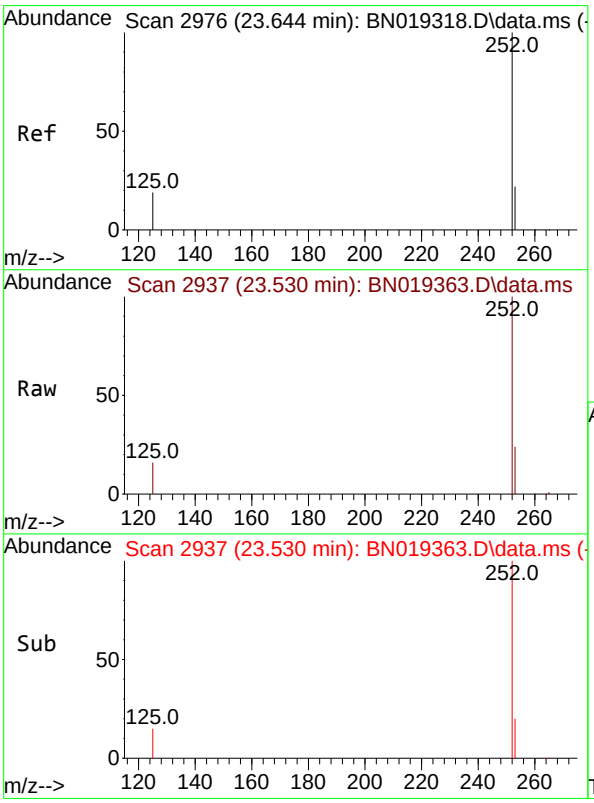
#37
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 23.205 min Scan# 2
Delta R.T. 0.172 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion:252 Resp: 22152

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.9	28.3
125	15.4	12.1	18.1

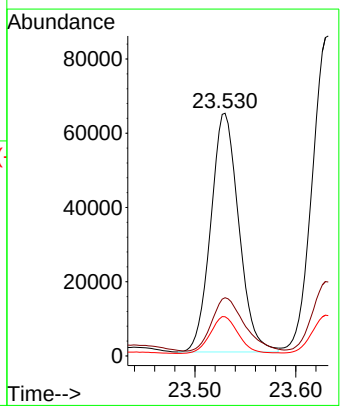


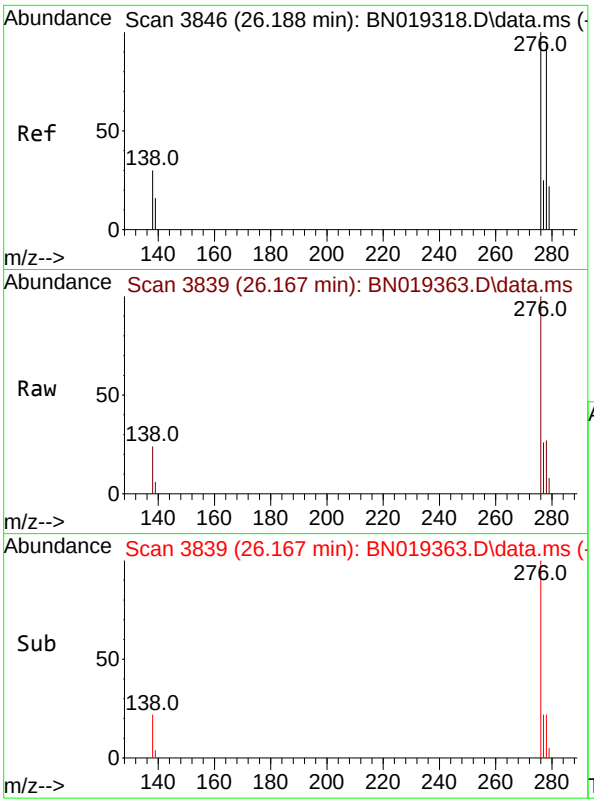


#39
Benzo(a)pyrene
Concen: 2.407 ng
RT: 23.530 min Scan# 2937
Delta R.T. -0.114 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:252 Resp: 124295

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.1	30.1
125	16.2	15.2	22.8



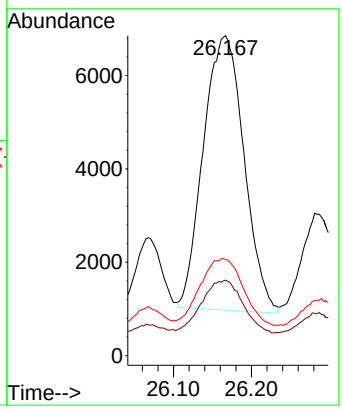


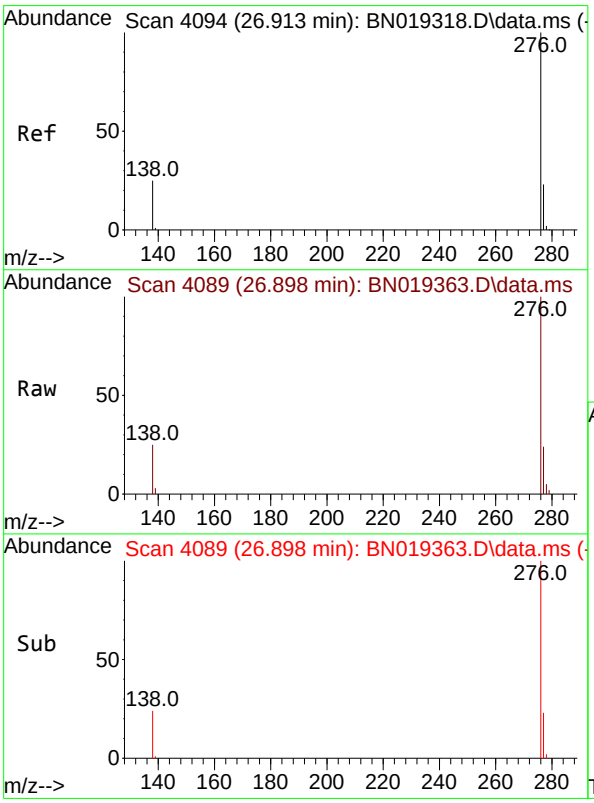
#40
Dibenzo(a,h)anthracene
Concen: 0.448 ng
RT: 26.167 min Scan# 3
Delta R.T. -0.021 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Instrument :
BNA_N
ClientSampleId :
A01040DL

Tgt Ion:278 Resp: 21298

Ion	Ratio	Lower	Upper
278	100		
139	23.6	17.2	25.8
279	30.0	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 1.519 ng
RT: 26.898 min Scan# 4089
Delta R.T. -0.015 min
Lab File: BN019363.D
Acq: 05 Apr 2022 23:04

Tgt Ion:276 Resp: 86435

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	24.8	21.0	31.6