Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019341.D
Acq On : 05 Apr 2022 06:34
Operator : CG/JU
Sample : N2237-10 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Quant Time: Apr 05 07:49:31 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	7.825	152	8815	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	26315	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	16129	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	30981	0.400	ng	# 0.00
29) Chrysene-d12	21.386	240	19159	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	14322	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	760	0.032	ng	0.00
5) Phenol-d6	6.995	99	798	0.028	ng	0.00
8) Nitrobenzene-d5	8.993	82	656	0.027	ng	0.01
11) 2-Methylnaphthalene-d10	12.223	152	1544	0.033	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	281	0.029	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	2220	0.033	ng	0.00
27) Fluoranthene-d10	19.232	212	2670	0.027	ng	0.00
31) Terphenyl-d14	19.830	244	1568	0.038	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.680	128	2183	0.028	ng	# 87
12) 2-Methylnaphthalene	12.295	142	1229	0.023	ng	# 92
16) Acenaphthylene	14.185	152	5372	0.067	ng	99
18) Fluorene	15.511	166	1429	0.020	ng	# 95
25) Phenanthrene	17.246	178	36390	0.350	ng	100
26) Anthracene	17.338	178	7281	0.080	ng	97
28) Fluoranthene	19.265	202	105572	0.856	ng	100
30) Pyrene	19.628	202	92105	1.033	ng	97
32) Benzo(a)anthracene	21.378	228	39463	0.557	ng	95
33) Chrysene	21.422	228	44631	0.567	ng	97
34) Bis(2-ethylhexyl)phtha...	21.306	149	7904	0.150	ng	98
36) Indeno(1,2,3-cd)pyrene	26.159	276	24276	0.405	ng	# 88
37) Benzo(b)fluoranthene	23.027	252	53446	0.952	ng	98
39) Benzo(a)pyrene	23.632	252	31851	0.632	ng	97
40) Dibenzo(a,h)anthracene	26.164	278	4645	0.100	ng	# 74
41) Benzo(g,h,i)perylene	26.901	276	28789	0.518	ng	99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
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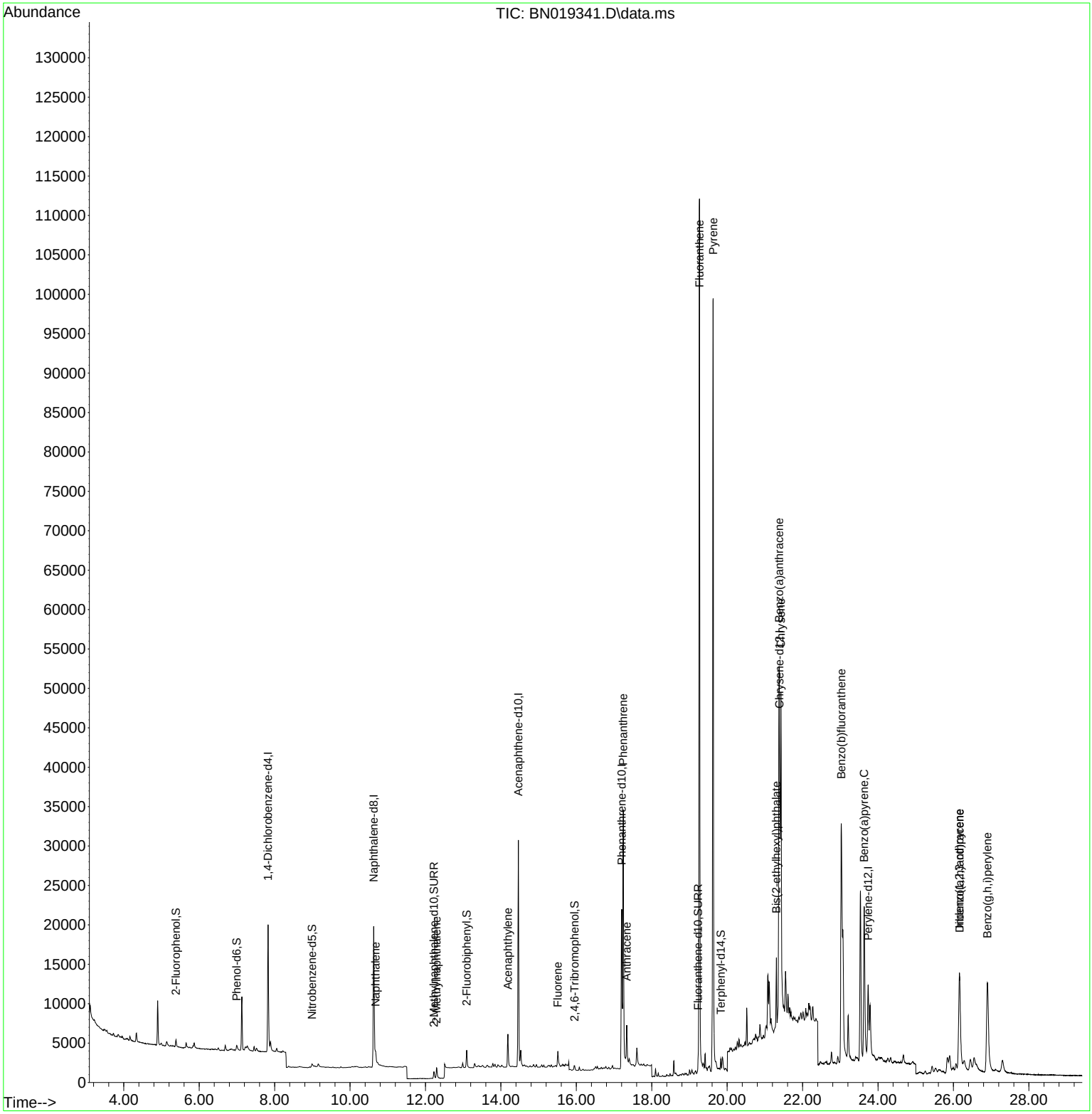
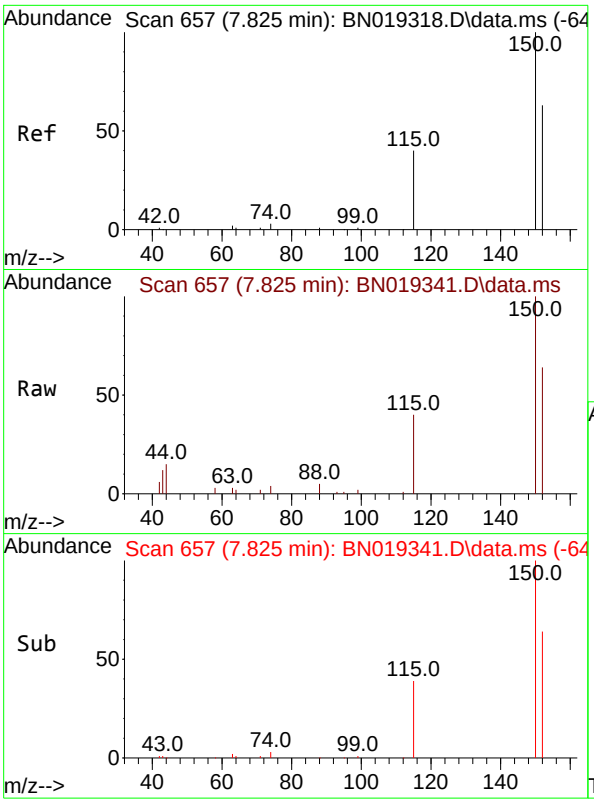


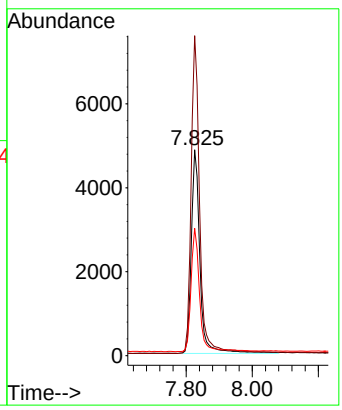


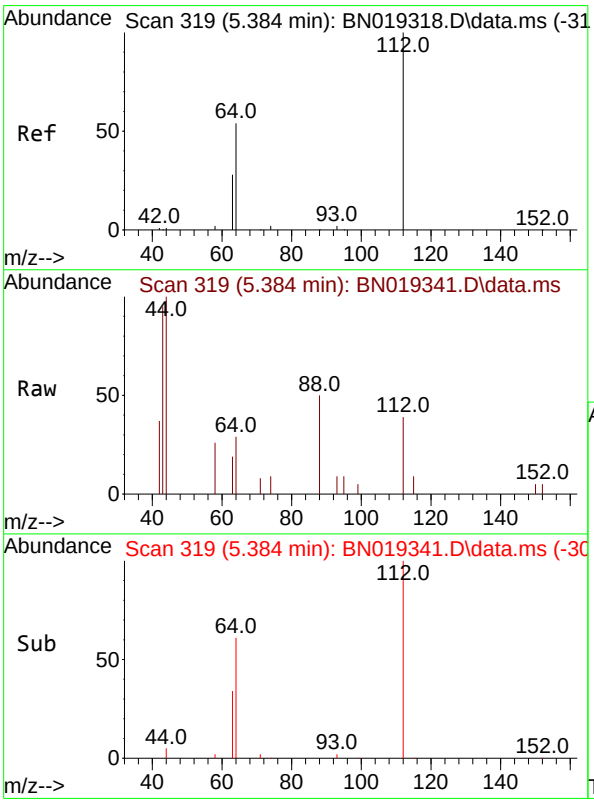
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion:152 Resp: 8815

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.9	185.9
115	61.9	48.2	72.4

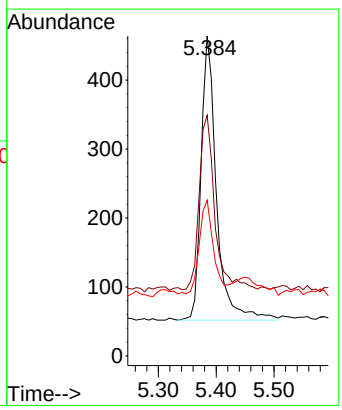


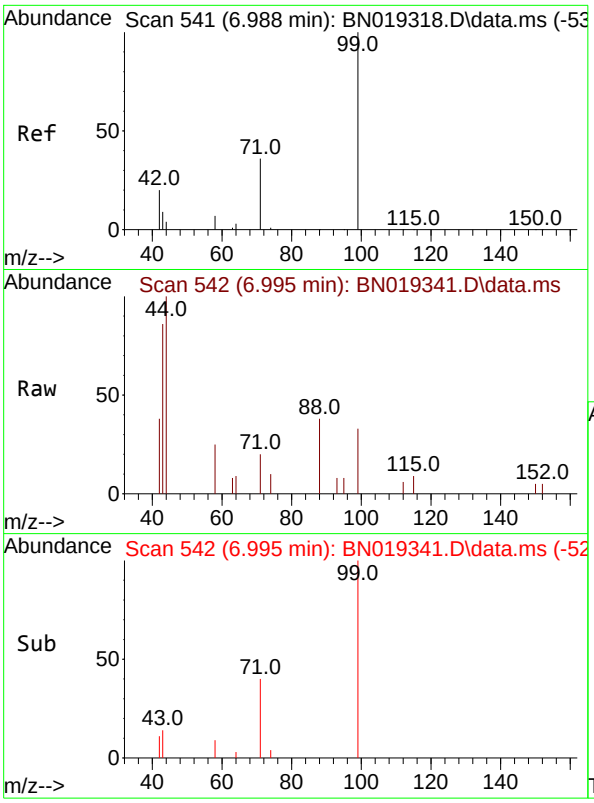


#4
2-Fluorophenol
Concen: 0.032 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:112 Resp: 760

Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.8	71.8
63	30.8	25.7	38.5



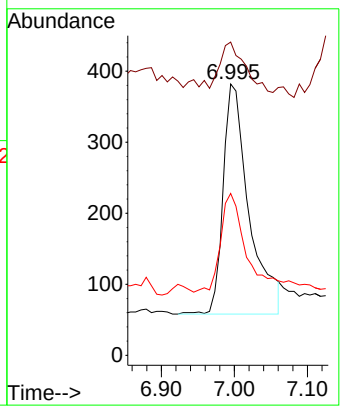


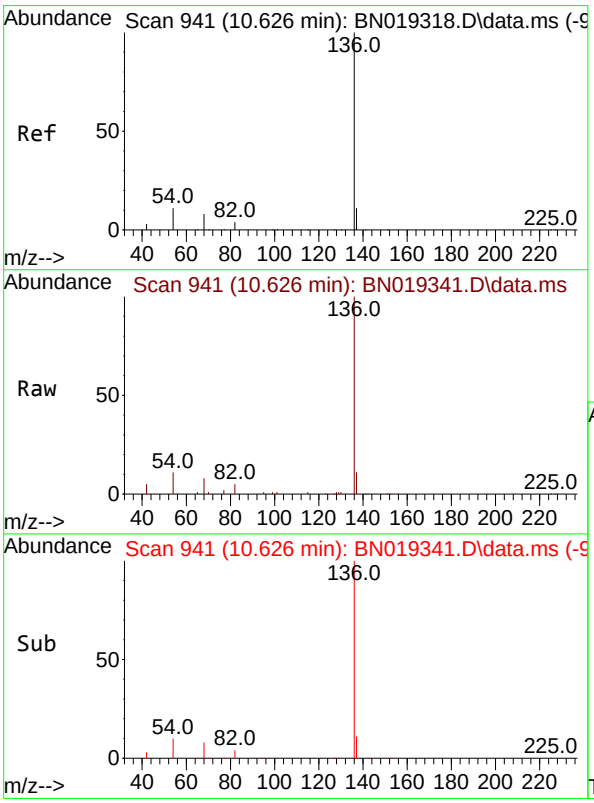
#5
Phenol-d6
Concen: 0.028 ng
RT: 6.995 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion: 99 Resp: 798

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.2	24.4
71	41.4	27.7	41.5

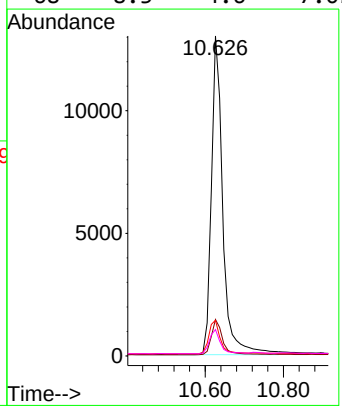


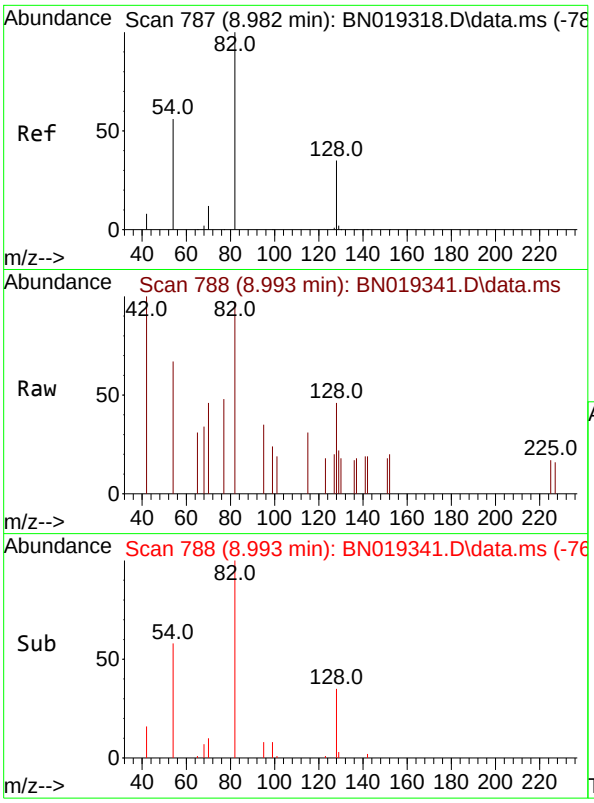


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:136 Resp: 26315

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	11.2	5.8	8.6#
68	8.3	4.6	7.0#



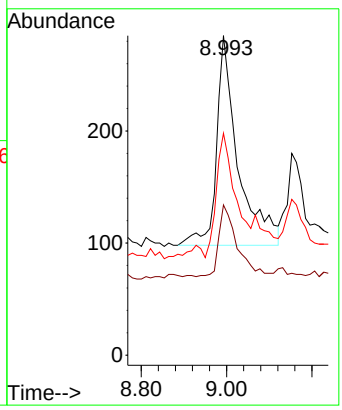


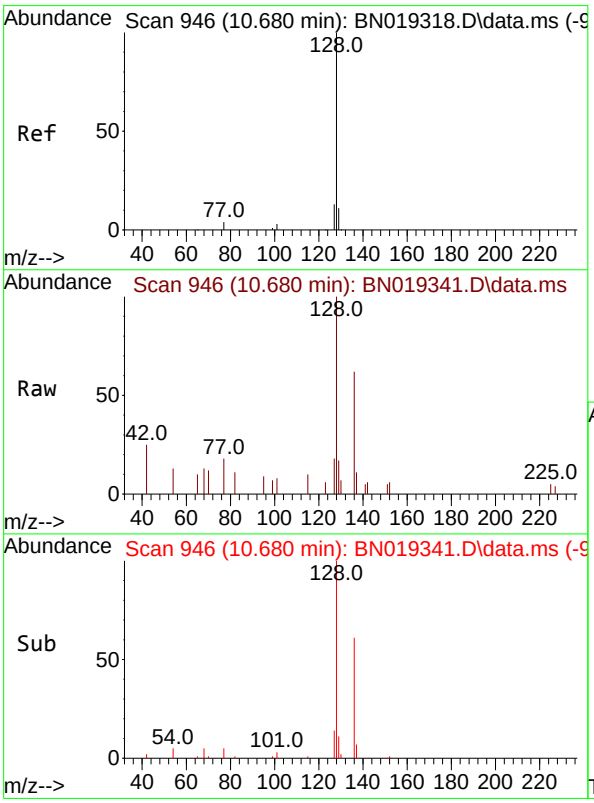
#8
Nitrobenzene-d5
Concen: 0.027 ng
RT: 8.993 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion: 82 Resp: 656

Ion	Ratio	Lower	Upper
82	100		
128	47.0	33.0	49.6
54	69.5	42.5	63.7#

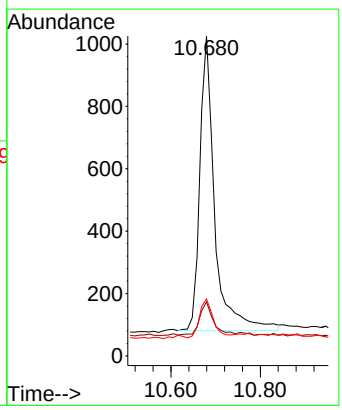


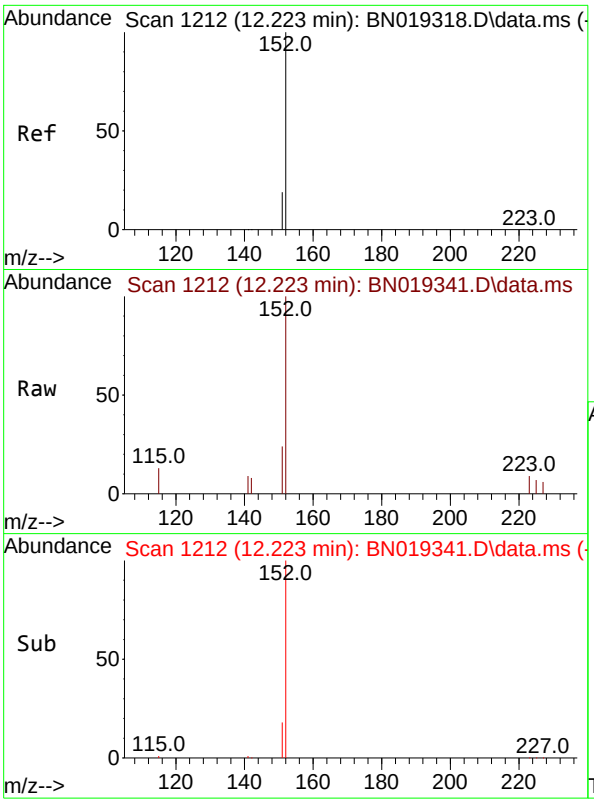


#9
Naphthalene
Concen: 0.028 ng
RT: 10.680 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:128 Resp: 2183

Ion	Ratio	Lower	Upper
128	100		
129	16.9	9.0	13.4#
127	17.8	10.7	16.1#



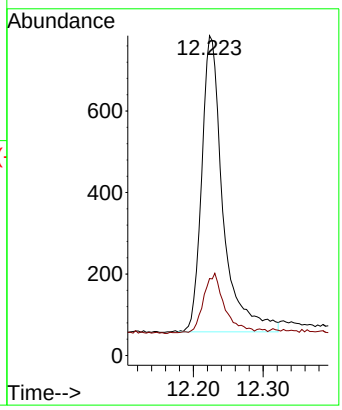


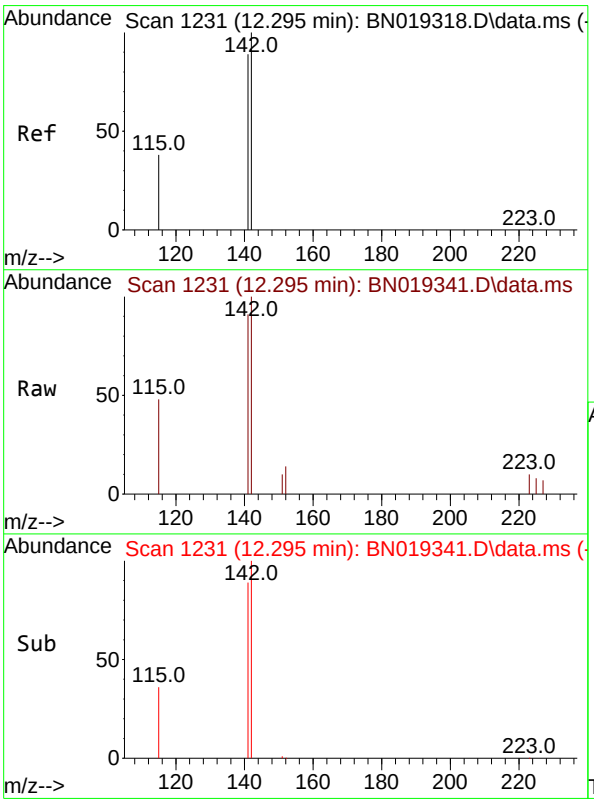
#11
2-Methylnaphthalene-d10
Concen: 0.033 ng
RT: 12.223 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion:152 Resp: 1544

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.5	24.7

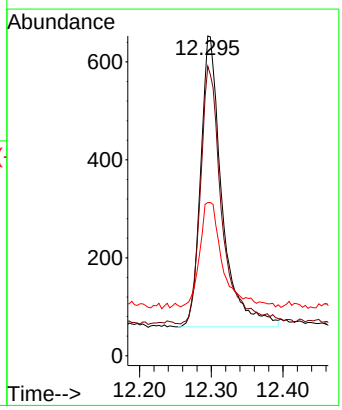


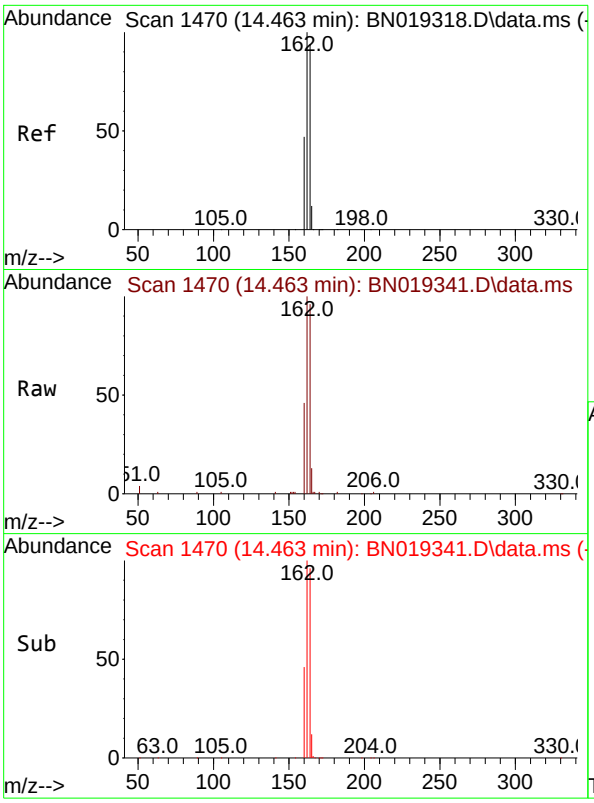


#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.295 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:142 Resp: 1229

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.0	105.0
115	47.9	29.8	44.8#



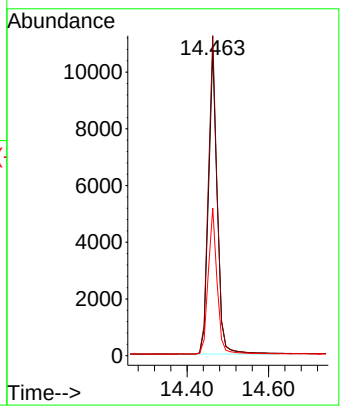


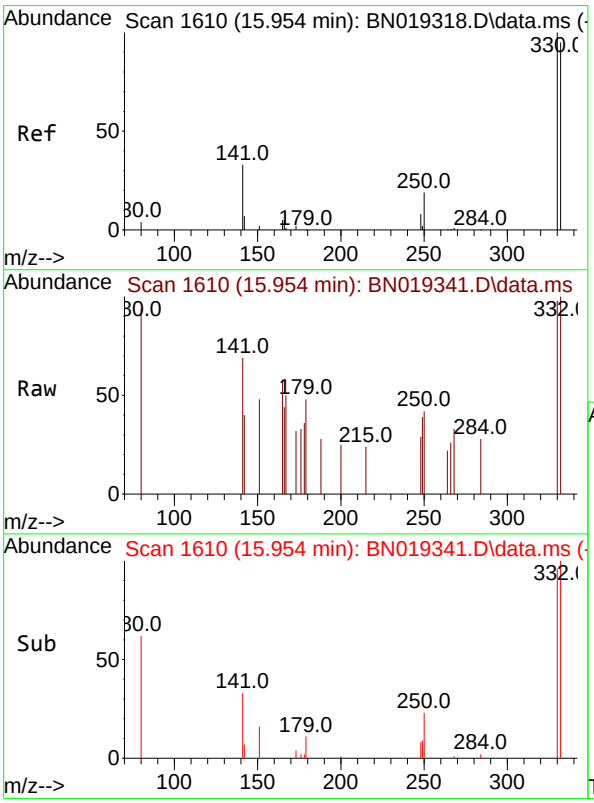
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion:164 Resp: 16129

Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.2	127.8
160	48.3	41.5	62.3

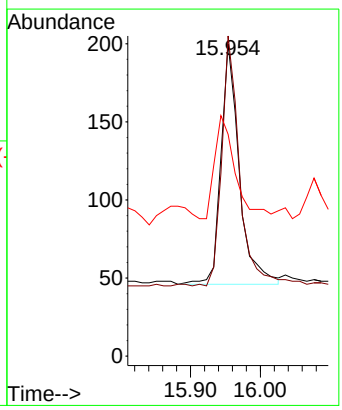


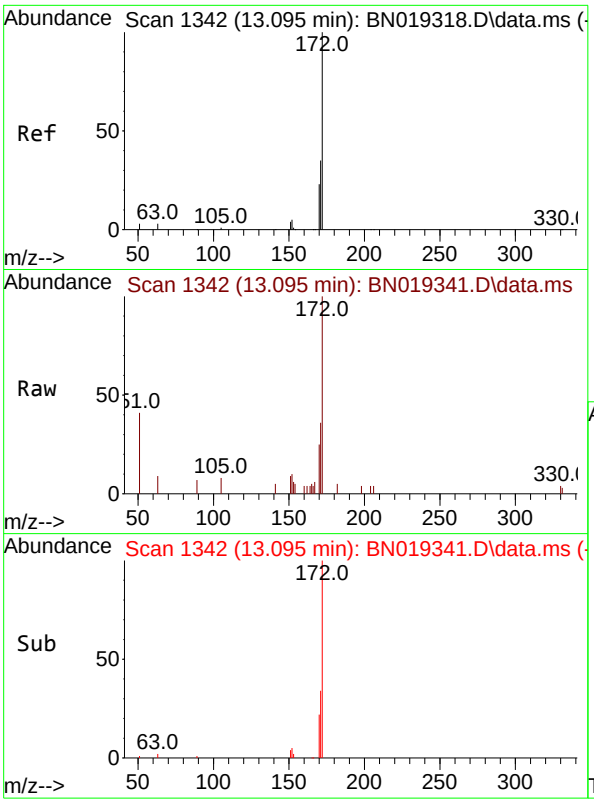


#14
2,4,6-Tribromophenol
Concen: 0.029 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:330 Resp: 281

Ion	Ratio	Lower	Upper
330	100		
332	102.1	76.8	115.2
141	47.7	32.2	48.2



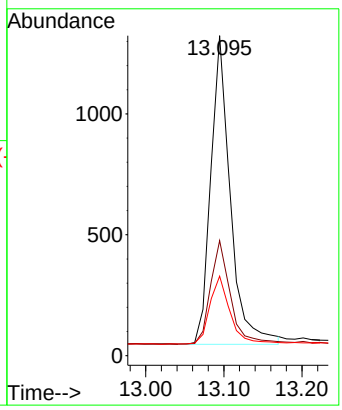


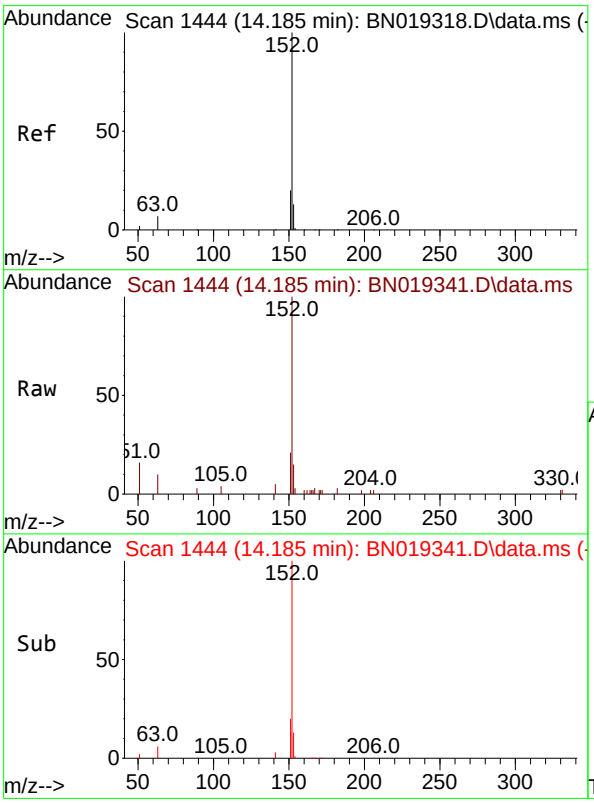
#15
2-Fluorobiphenyl
Concen: 0.033 ng
RT: 13.095 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion:172 Resp: 2220

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.2
170	24.8	18.7	28.1

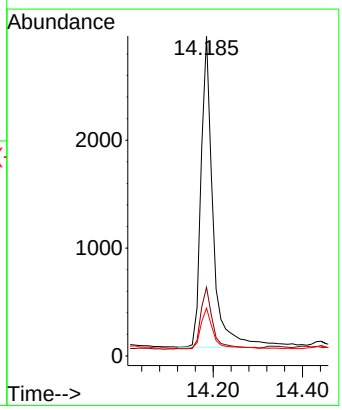


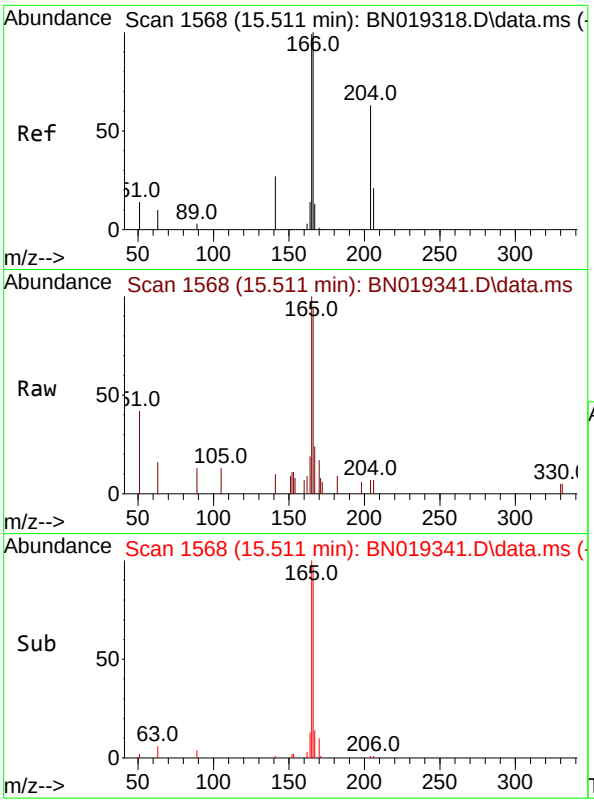


#16
Acenaphthylene
Concen: 0.067 ng
RT: 14.185 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:152 Resp: 5372

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	13.5	10.6	15.8



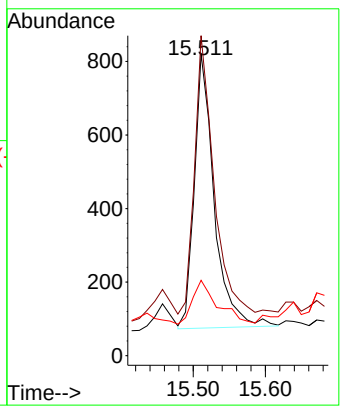


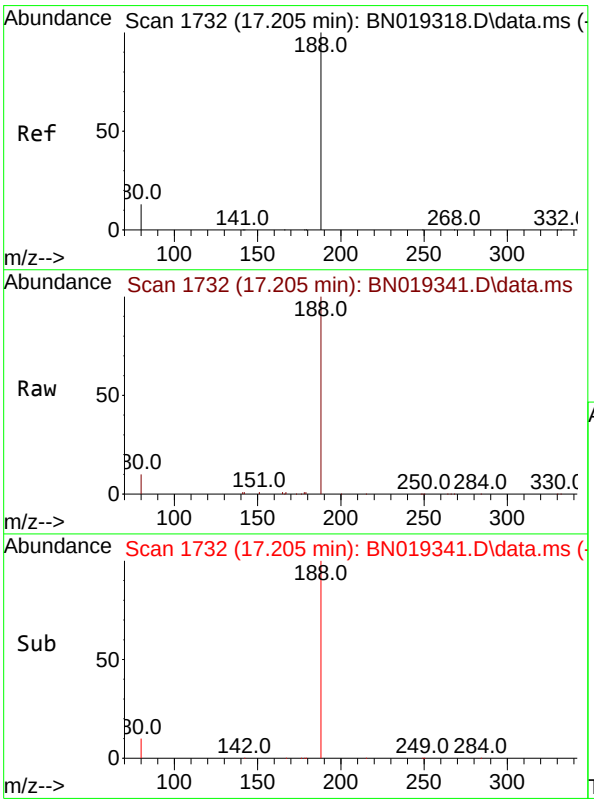
#18
Fluorene
Concen: 0.020 ng
RT: 15.511 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion:166 Resp: 1429

Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.2	118.8
167	20.1	10.7	16.1#

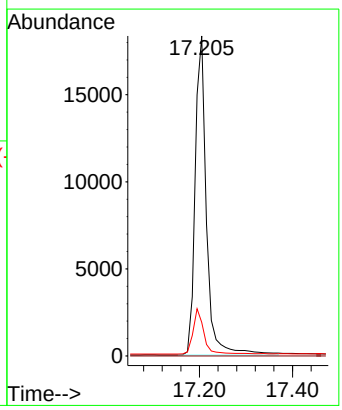


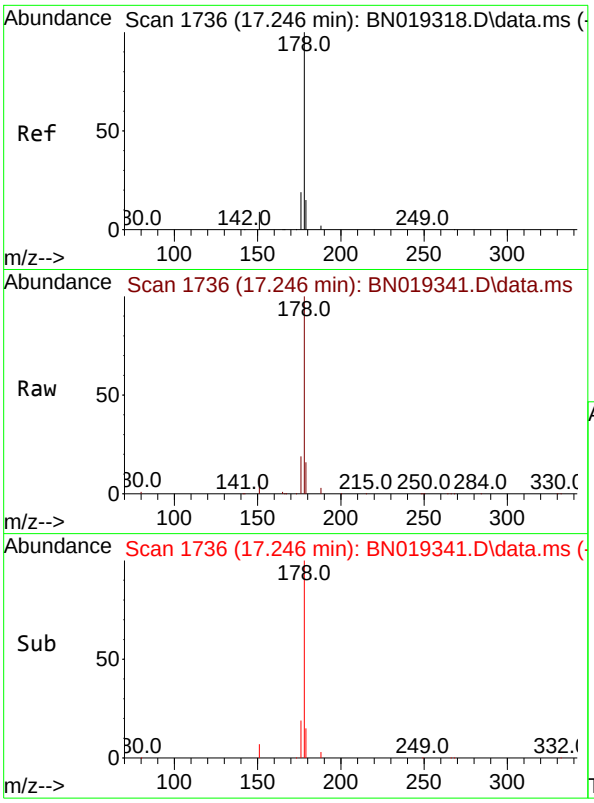


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:188 Resp: 30981

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	11.8	17.8#



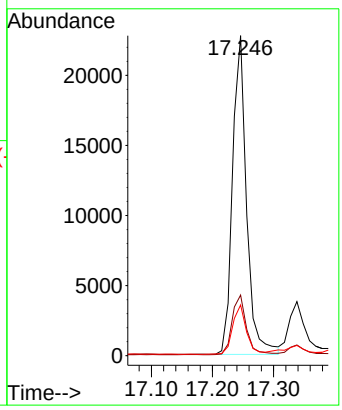


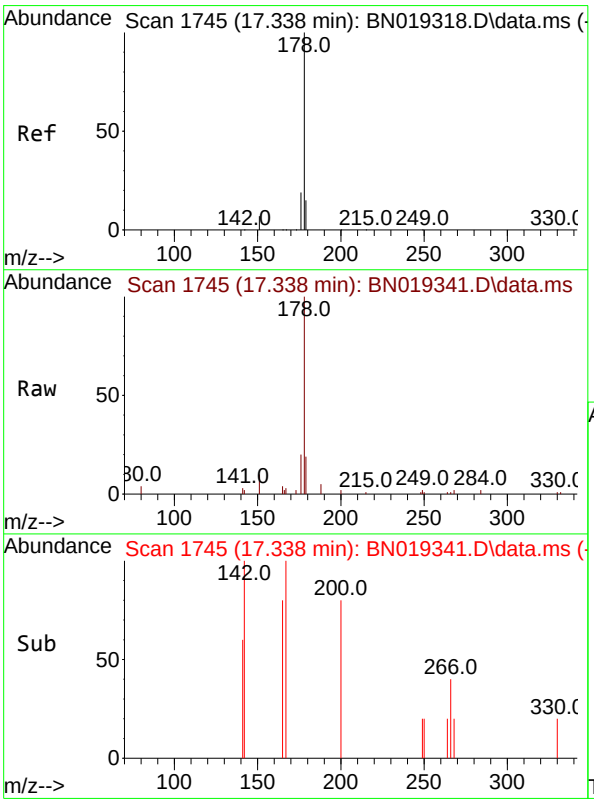
#25
Phenanthrene
Concen: 0.350 ng
RT: 17.246 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion:178 Resp: 36390

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.2	12.2	18.2

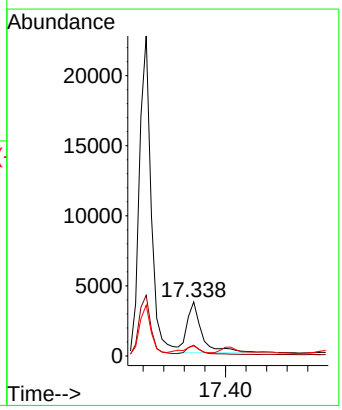


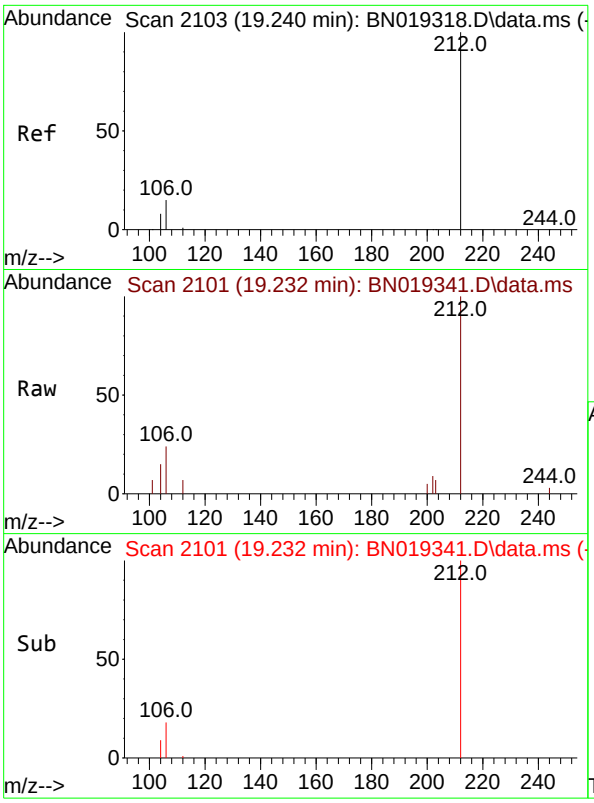


#26
Anthracene
Concen: 0.080 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:178 Resp: 7281

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.8	22.2
179	13.5	12.2	18.4



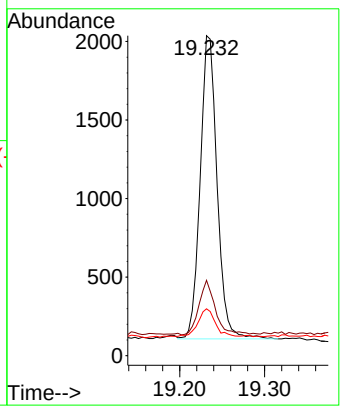


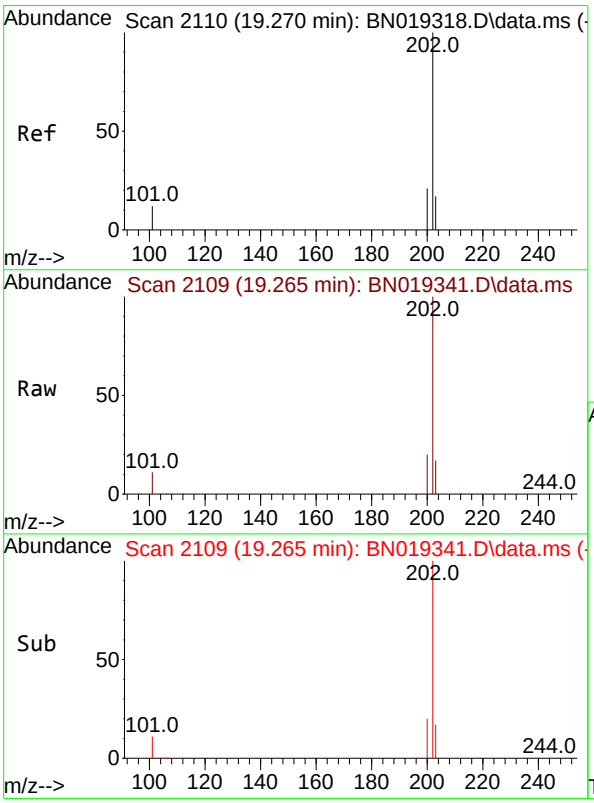
#27
Fluoranthene-d10
Concen: 0.027 ng
RT: 19.232 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion:212 Resp: 2670

Ion	Ratio	Lower	Upper
212	100		
106	17.6	12.7	19.1
104	9.9	7.1	10.7

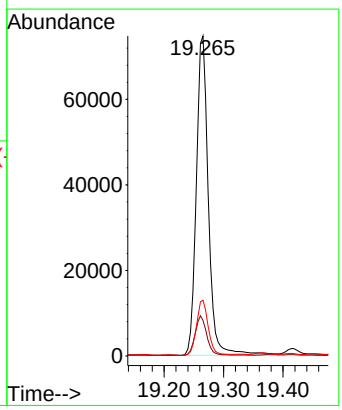


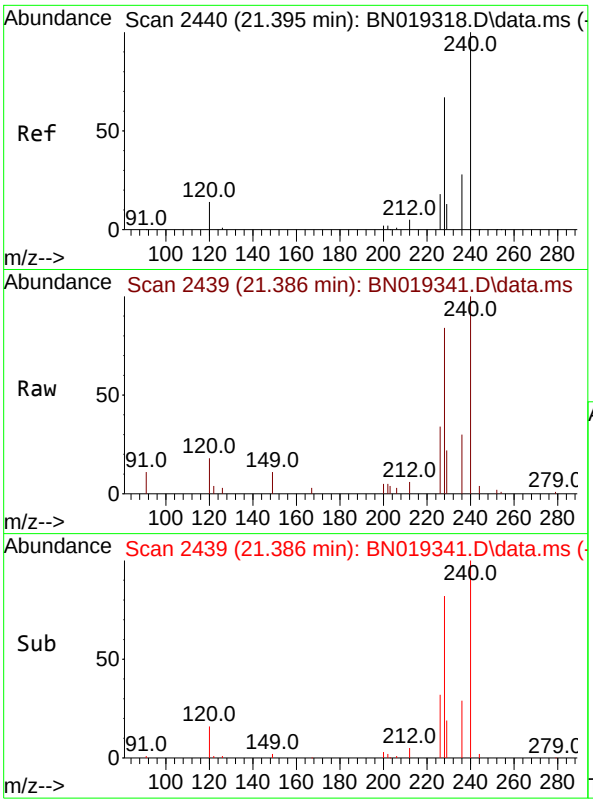


#28
Fluoranthene
Concen: 0.856 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:202 Resp: 105572

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.6
203	16.9	13.7	20.5



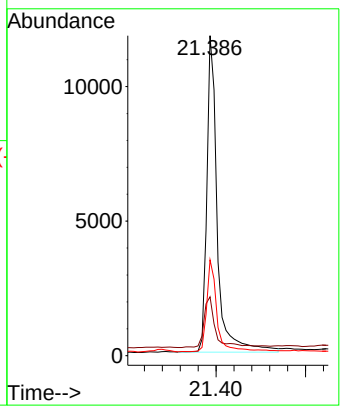


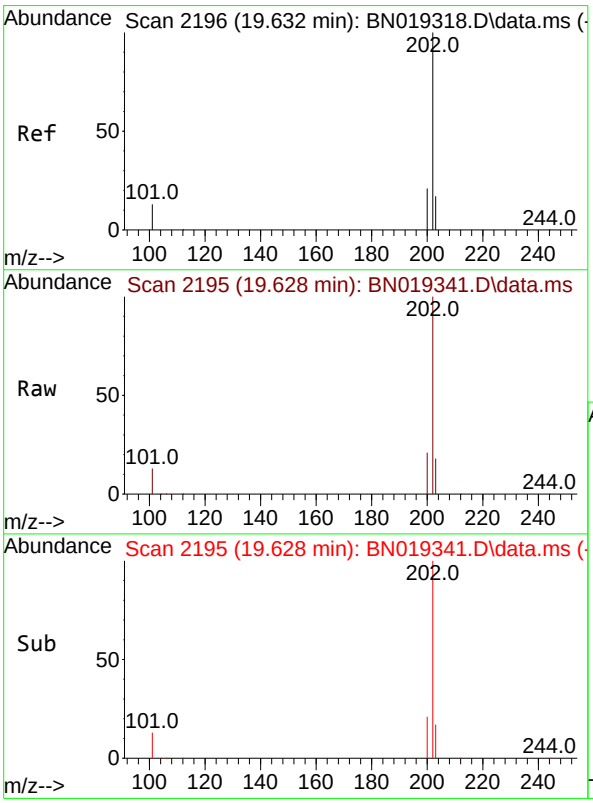
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion:240 Resp: 19159

Ion	Ratio	Lower	Upper
240	100		
120	18.4	8.5	12.7#
236	29.9	22.4	33.6

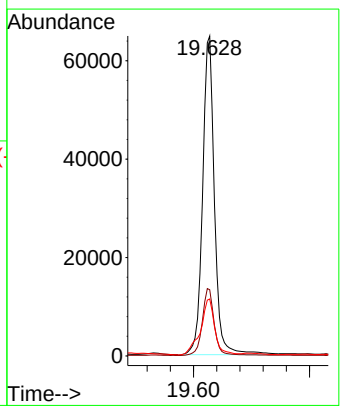


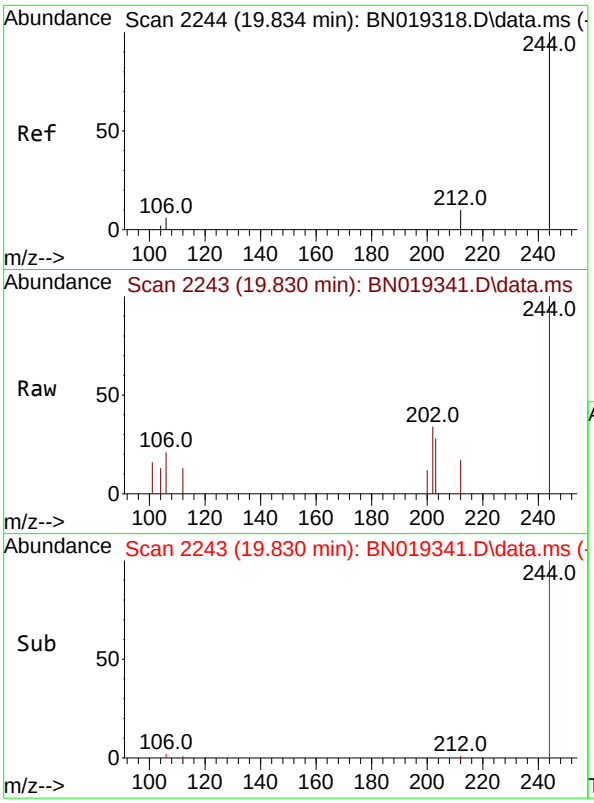


#30
Pyrene
Concen: 1.033 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:202 Resp: 92105

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	20.9	14.2	21.2



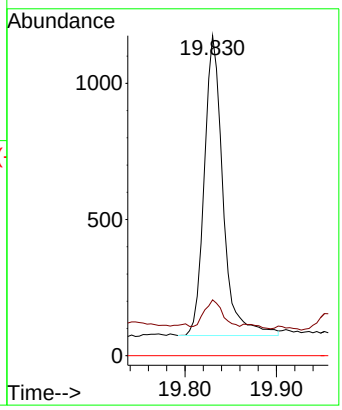


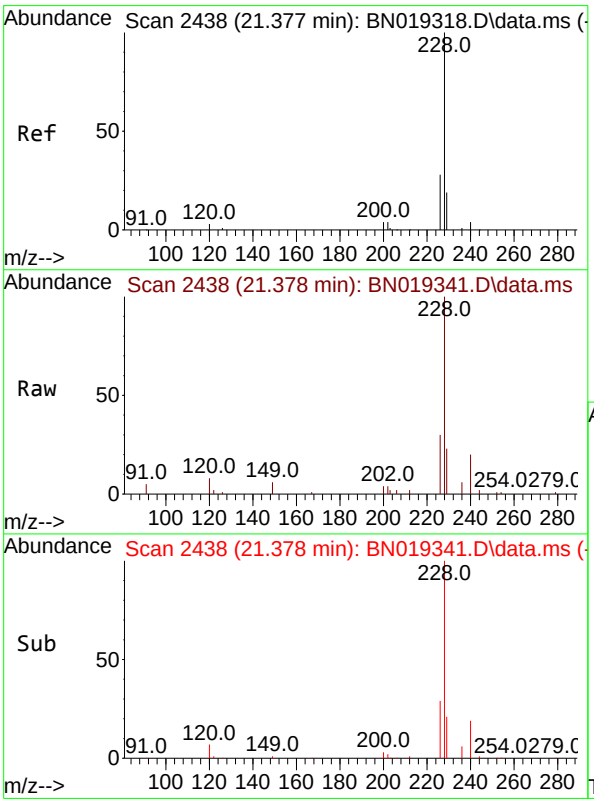
#31
Terphenyl-d14
Concen: 0.038 ng
RT: 19.830 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion:244 Resp: 1568

Ion	Ratio	Lower	Upper
244	100		
212	17.4	8.2	12.4#
122	0.0	0.0	0.0

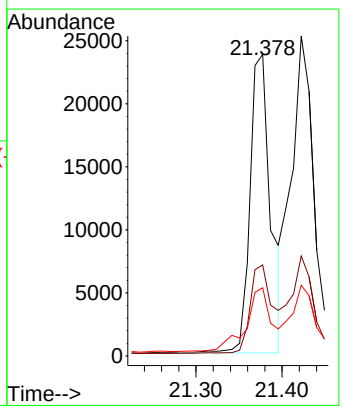


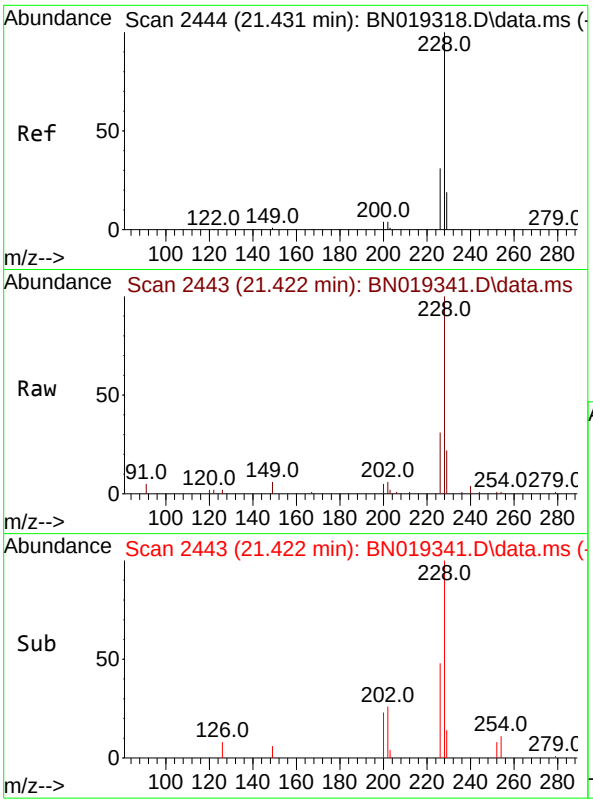


#32
Benzo(a)anthracene
Concen: 0.557 ng
RT: 21.378 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:228 Resp: 39463

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.9	32.9
229	22.6	16.0	24.0



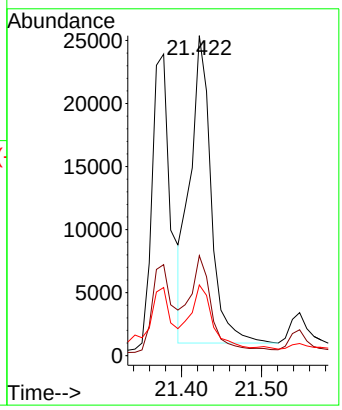


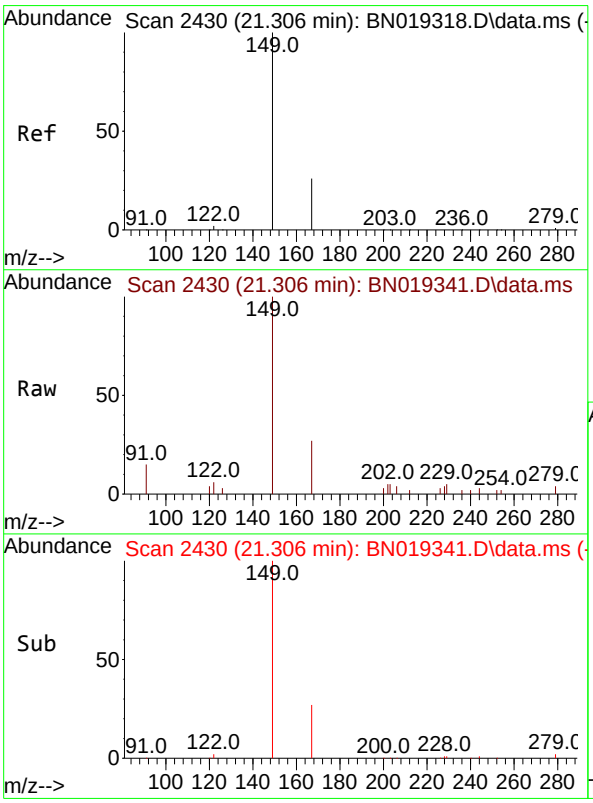
#33
Chrysene
Concen: 0.567 ng
RT: 21.422 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion:228 Resp: 44631

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	22.1	15.9	23.9

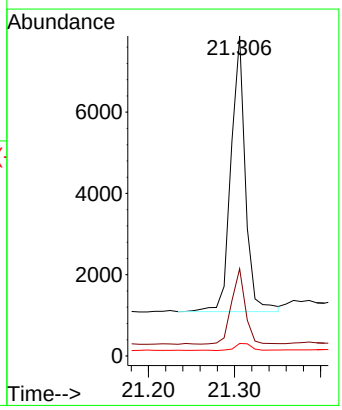


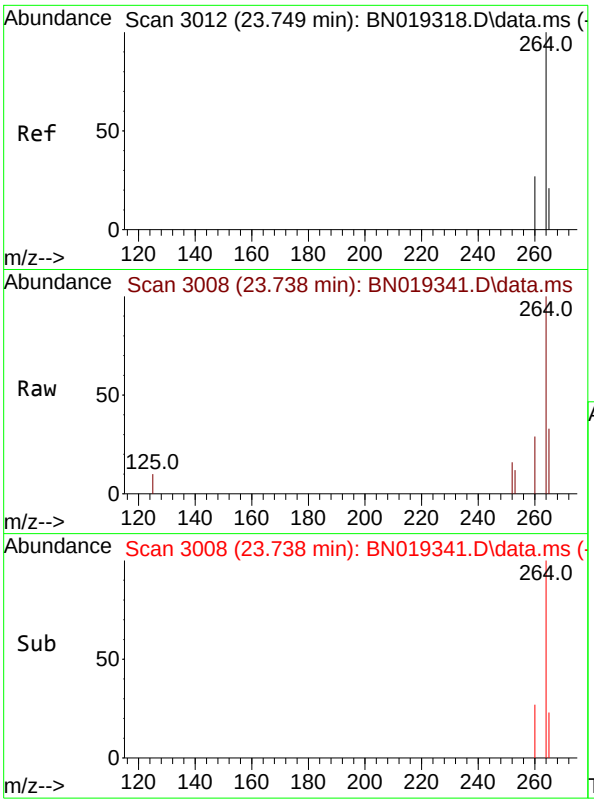


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.150 ng
RT: 21.306 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:149 Resp: 7904

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.8	32.8
279	2.9	2.0	3.0



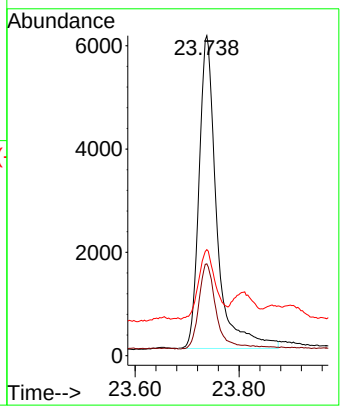


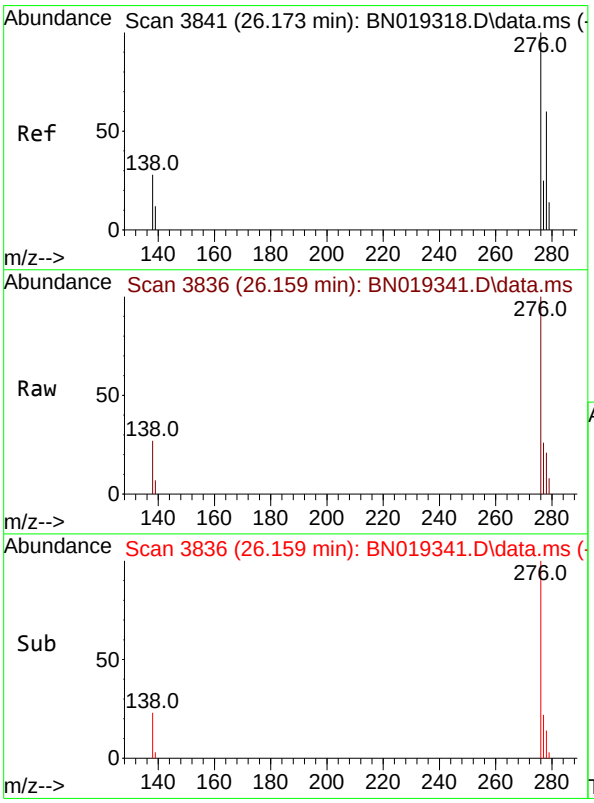
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion:264 Resp: 14322

Ion	Ratio	Lower	Upper
264	100		
260	28.7	22.4	33.6
265	33.1	25.3	37.9

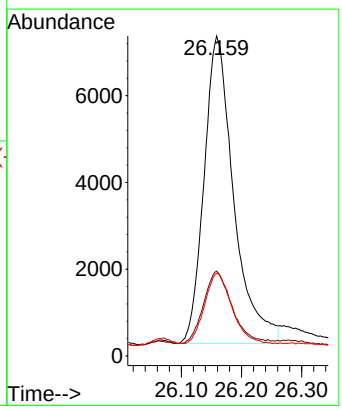


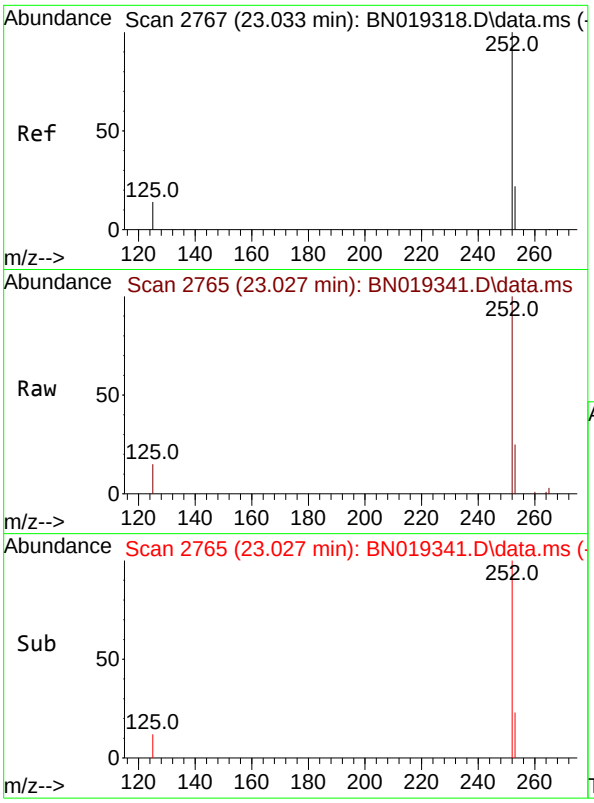


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng
RT: 26.159 min Scan# 3836
Delta R.T. -0.015 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:276 Resp: 24276

Ion	Ratio	Lower	Upper
276	100		
138	22.4	24.5	36.7#
277	20.9	19.8	29.8



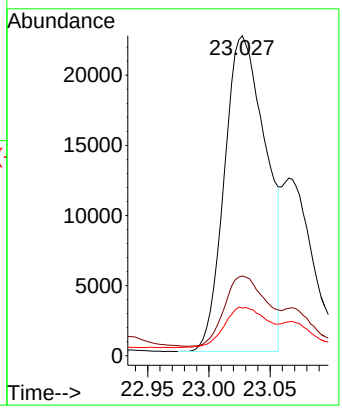


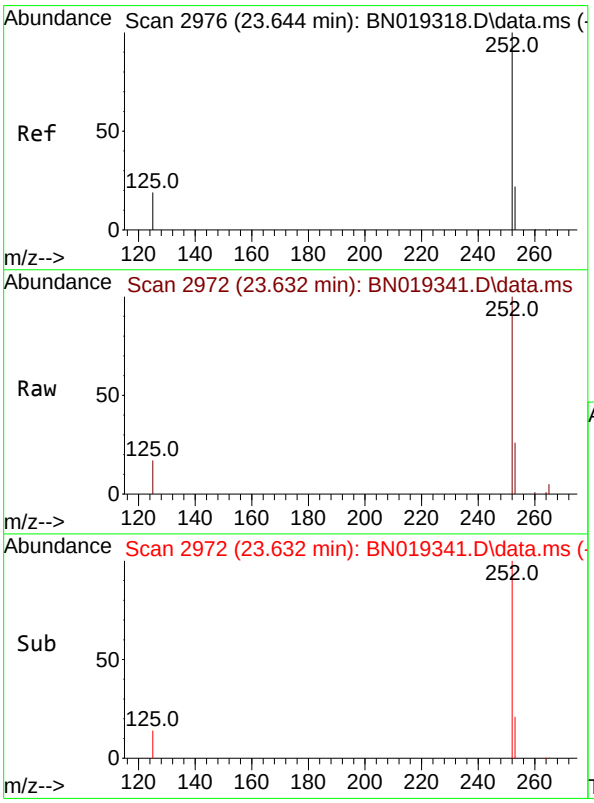
#37
Benzo(b)fluoranthene
Concen: 0.952 ng
RT: 23.027 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion:252 Resp: 53446

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.9	28.3
125	14.9	12.1	18.1

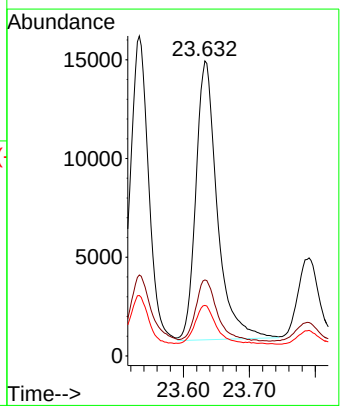


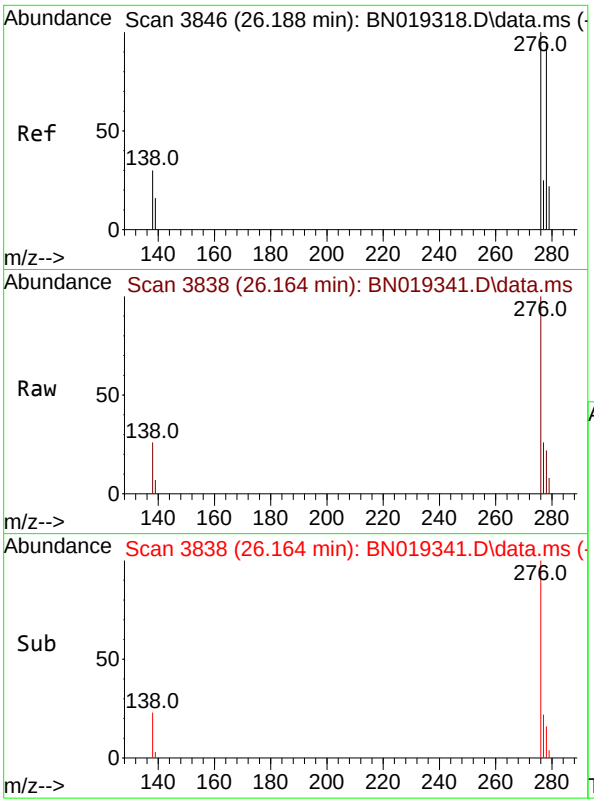


#39
Benzo(a)pyrene
Concen: 0.632 ng
RT: 23.632 min Scan# 2972
Delta R.T. -0.012 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:252 Resp: 31851

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.1	30.1
125	17.1	15.2	22.8



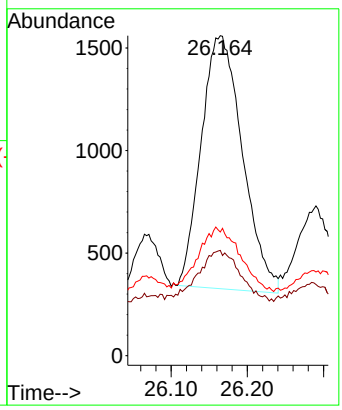


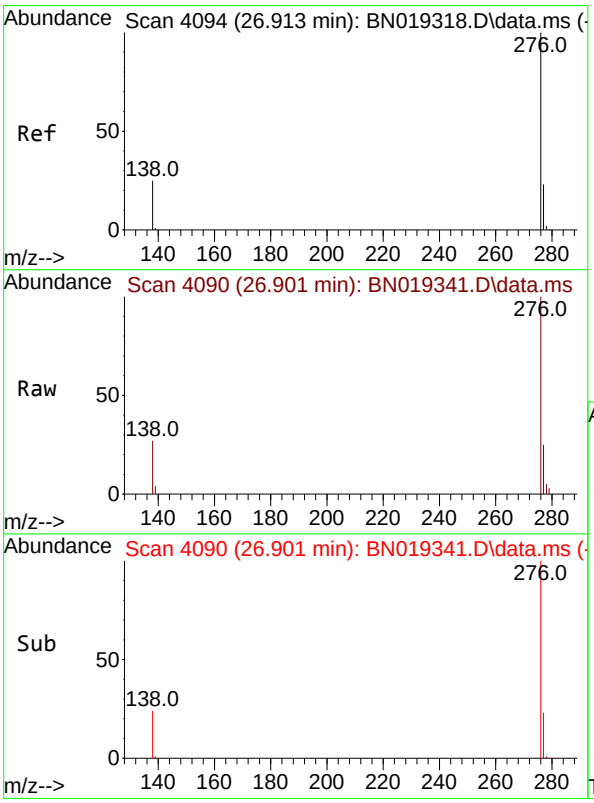
#40
Dibenzo(a,h)anthracene
Concen: 0.100 ng
RT: 26.164 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion:278 Resp: 4645

Ion	Ratio	Lower	Upper
278	100		
139	32.9	17.2	25.8#
279	38.7	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.518 ng
RT: 26.901 min Scan# 4090
Delta R.T. -0.012 min
Lab File: BN019341.D
Acq: 05 Apr 2022 06:34

Tgt Ion:276 Resp: 28789

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.0
138	26.5	21.0	31.6