Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041122\
Data File : BN019422.D
Acq On : 11 Apr 2022 21:00
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TWO-INCH-WELL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022

Quant Time: Apr 12 07:33:07 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	4397	0.400	ng	# 0.00
7) Naphthalene-d8	10.626	136	11332	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	7562	0.400	ng	# 0.00
19) Phenanthrene-d10	17.205	188	12135	0.400	ng	0.00
29) Chrysene-d12	21.386	240	10093	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	9497	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2277	0.193	ng	0.00
5) Phenol-d6	6.995	99	1565	0.110	ng	0.00
8) Nitrobenzene-d5	8.982	82	2635	0.256	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	5778	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1428	0.311	ng	0.00
15) 2-Fluorobiphenyl	13.084	172	8164	0.260	ng	-0.01
27) Fluoranthene-d10	19.236	212	13655	0.349	ng	0.00
31) Terphenyl-d14	19.830	244	9593	0.437	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.680	128	74629	2.231	ng	# 51
12) 2-Methylnaphthalene	12.291	142	1430185	61.677	ng	98
17) Acenaphthene	14.527	154	27691	1.109	ng	99
18) Fluorene	15.511	166	19183m	0.582	ng	
25) Phenanthrene	17.246	178	15966	0.392	ng	98
26) Anthracene	17.338	178	4941	0.138	ng	# 88
28) Fluoranthene	19.265	202	5530	0.115	ng	100
30) Pyrene	19.628	202	4027	0.086	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.297	149	2826	0.102	ng	# 97

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

Quantitation Report (QT Reviewed)

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Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

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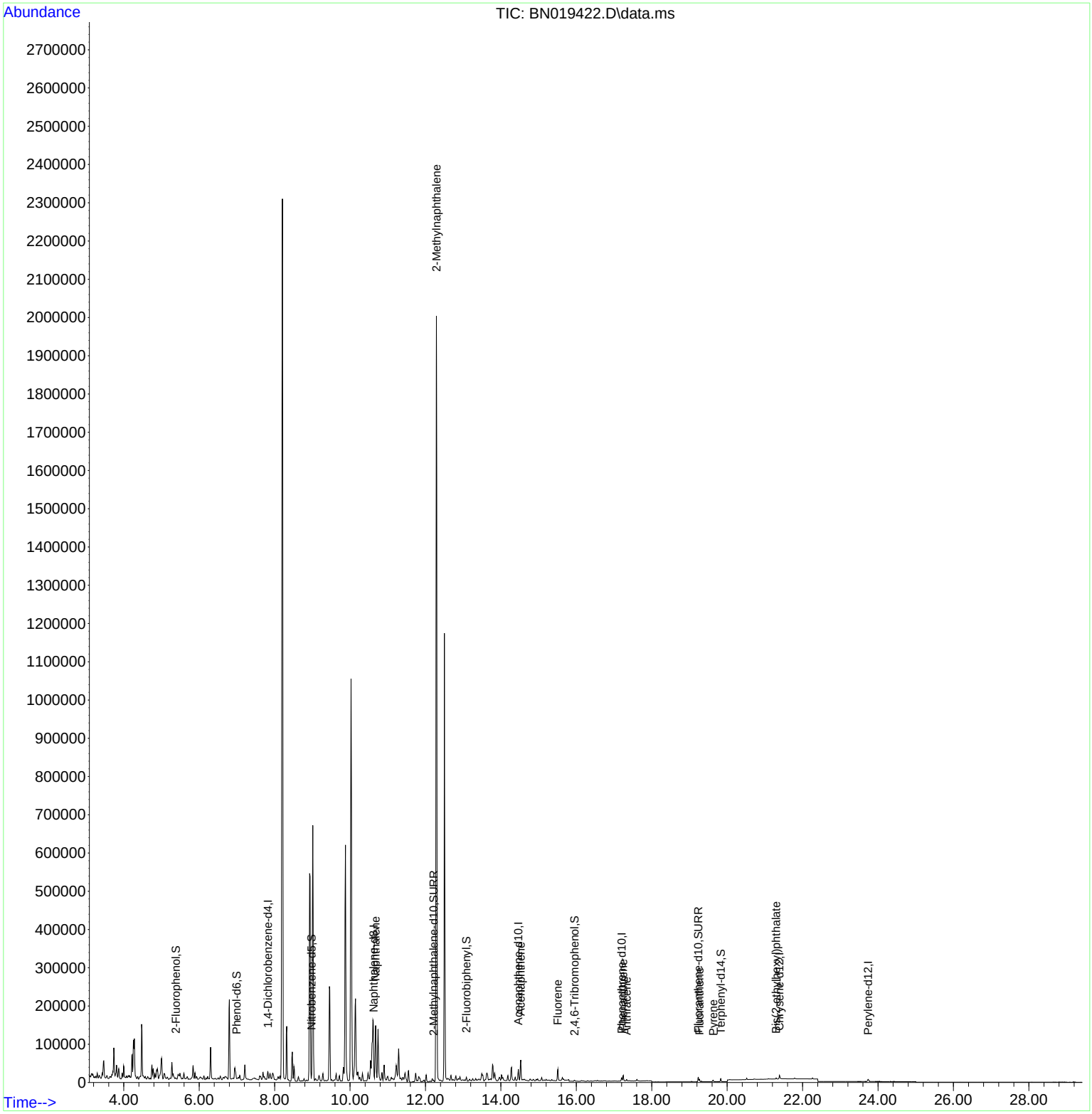
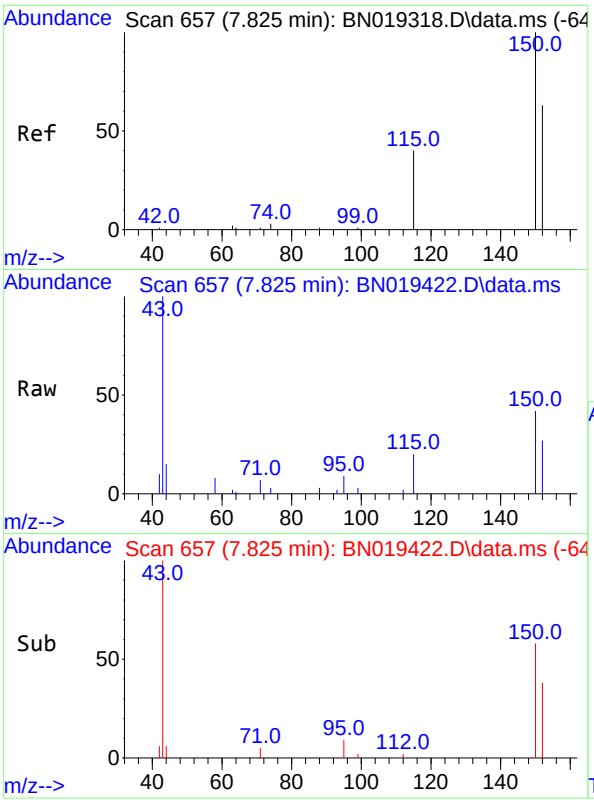
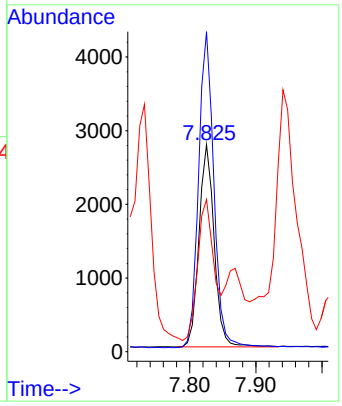




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:152 Resp: 439

Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.9	185.9
115	73.5	48.2	72.4#



Instrument :
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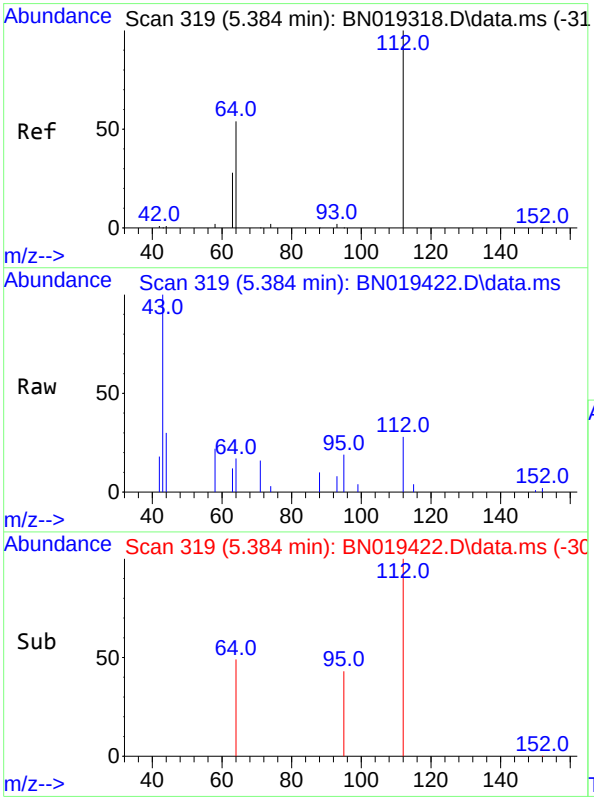
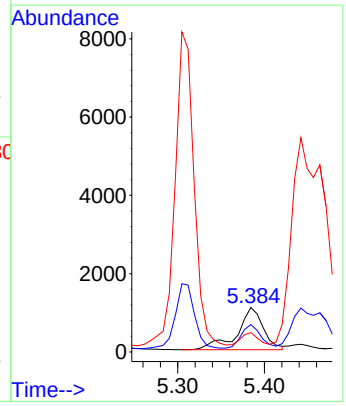
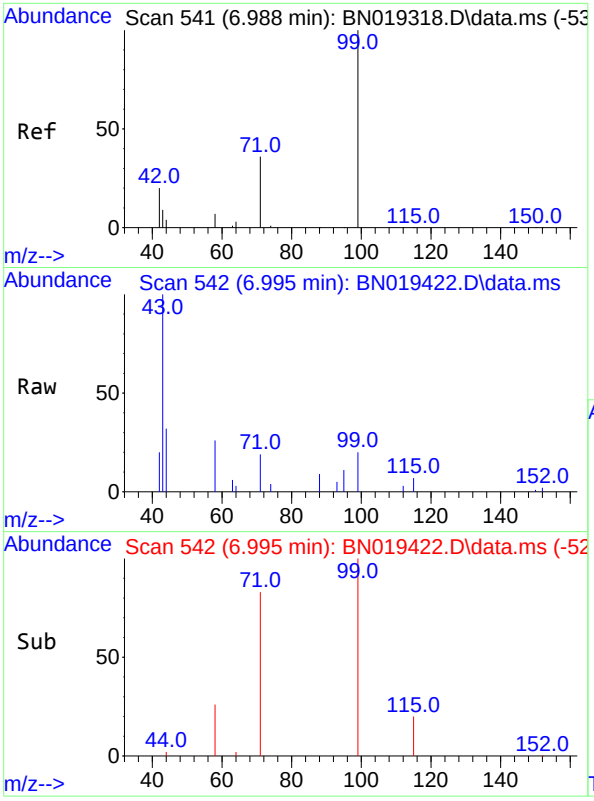


#4
2-Fluorophenol
Concen: 0.193 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:112 Resp: 2277

Ion	Ratio	Lower	Upper
112	100		
64	41.0	47.8	71.8#
63	0.0	25.7	38.5#

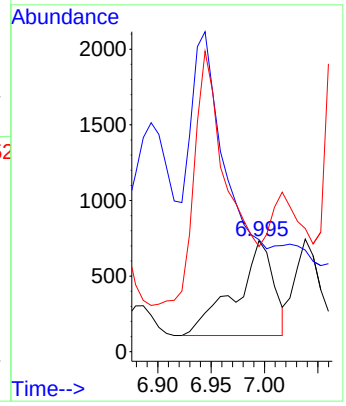




#5
Phenol-d6
Concen: 0.110 ng
RT: 6.995 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion: 99 Resp: 156

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



Instrument :
BNA_N
ClientSampleId :
TWO-INCH-WELL

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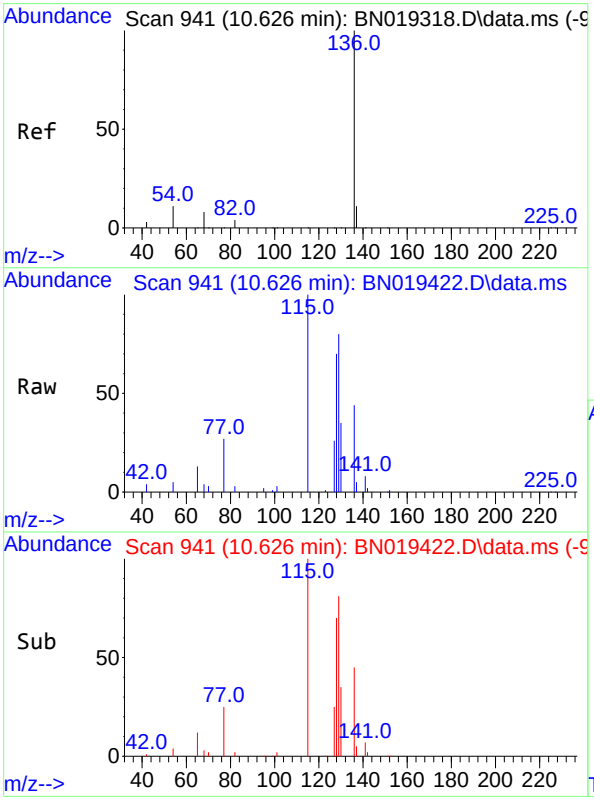
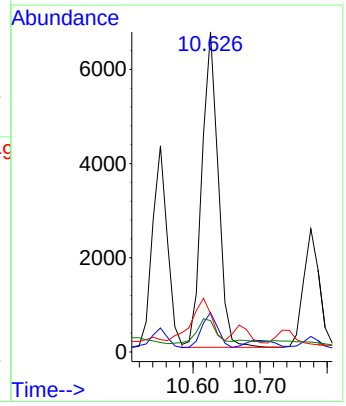
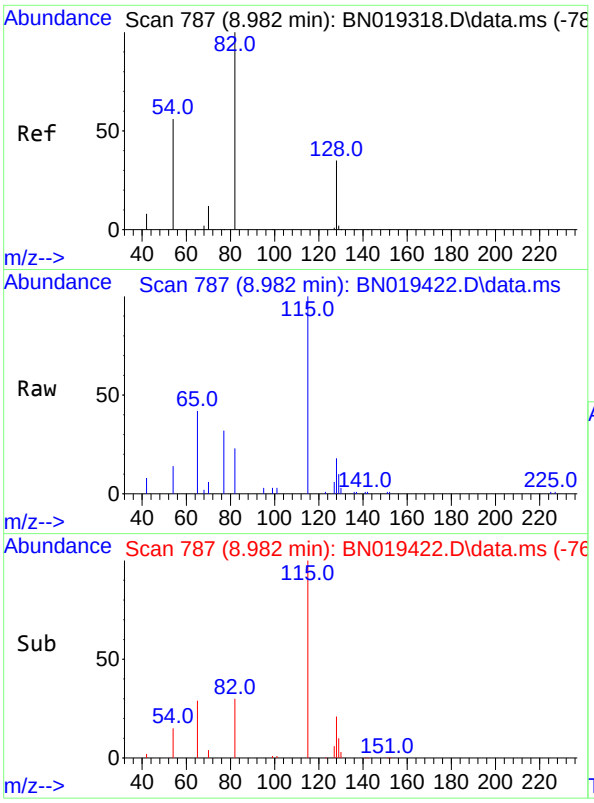


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:136 Resp: 11332

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.0	13.4
54	12.0	5.8	8.6#
68	9.8	4.6	7.0#





#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 8.982 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion: 82 Resp: 263

Ion	Ratio	Lower	Upper
82	100		
128	79.9	33.0	49.6#
54	61.0	42.5	63.7

Instrument :
BNA_N
ClientSampleId :
TWO-INCH-WELL

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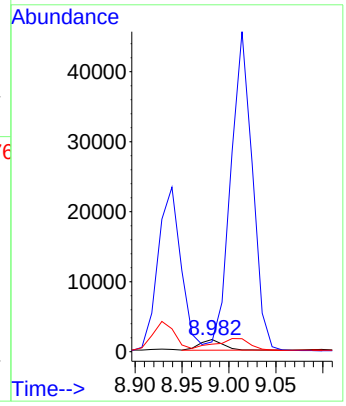
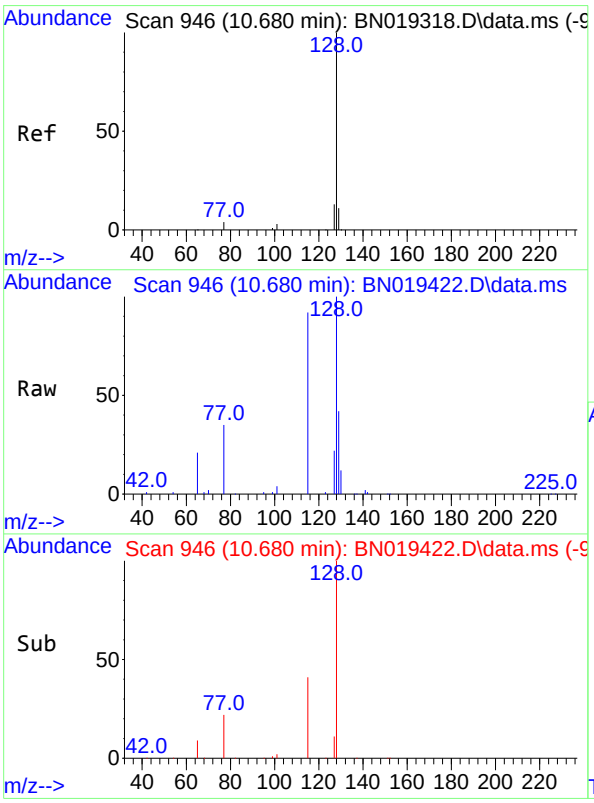
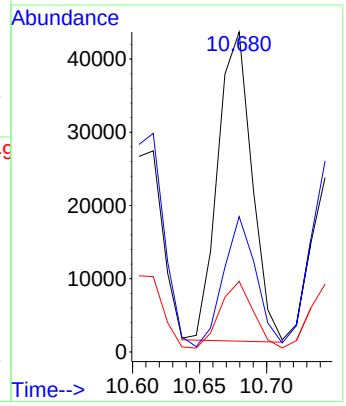


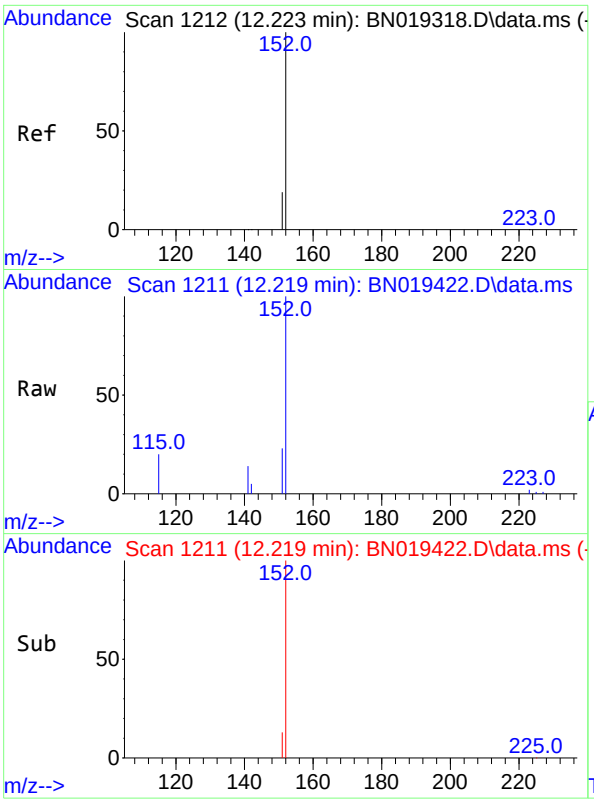


#9
Naphthalene
Concen: 2.231 ng
RT: 10.680 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:128 Resp: 74629

Ion	Ratio	Lower	Upper
128	100		
129	42.3	9.0	13.4#
127	22.0	10.7	16.1#





#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.219 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:152 Resp: 577

Ion	Ratio	Lower	Upper
152	100		
151	30.1	16.5	24.7

Instrument :
BNA_N
ClientSampleId :
TWO-INCH-WELL

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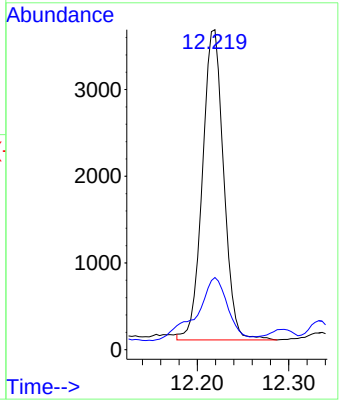
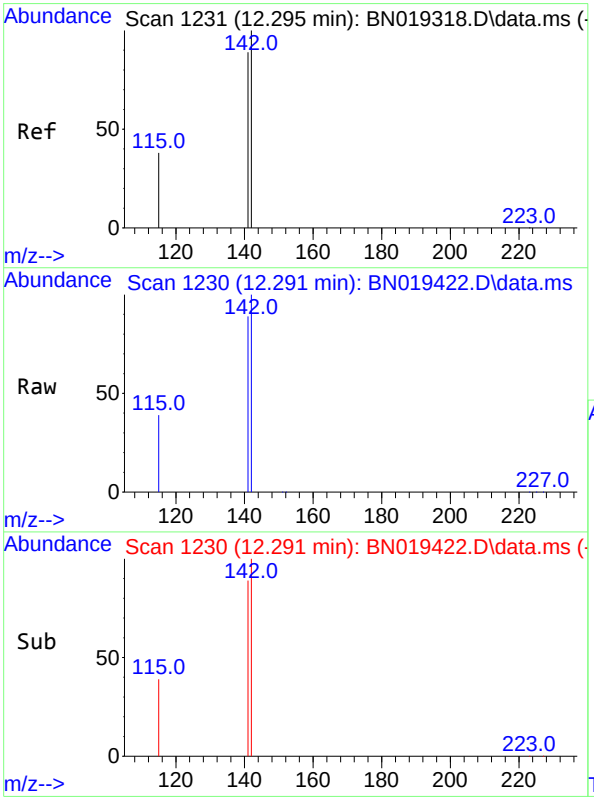
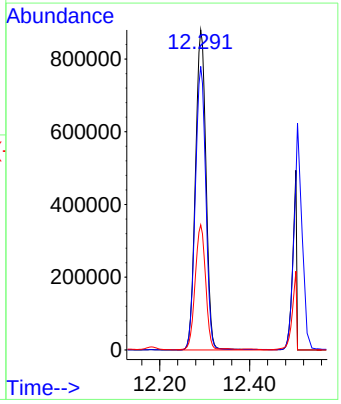


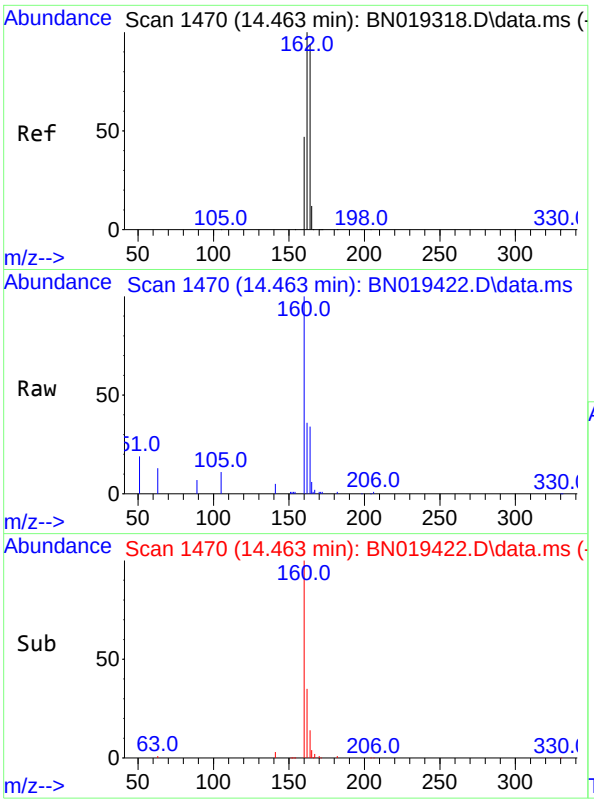


#12
2-Methylnaphthalene
Concen: 61.677 ng
RT: 12.291 min Scan# 1230
Delta R.T. -0.004 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:142 Resp: 1430185

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.0	105.0
115	39.1	29.8	44.8

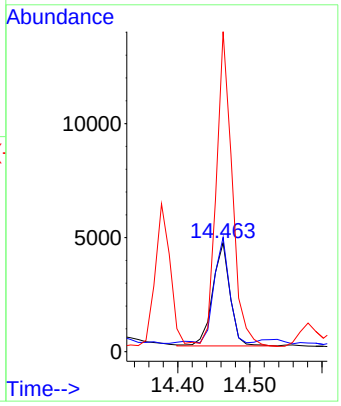




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:164 Resp: 756

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.2	127.8
160	293.5	41.5	62.3#



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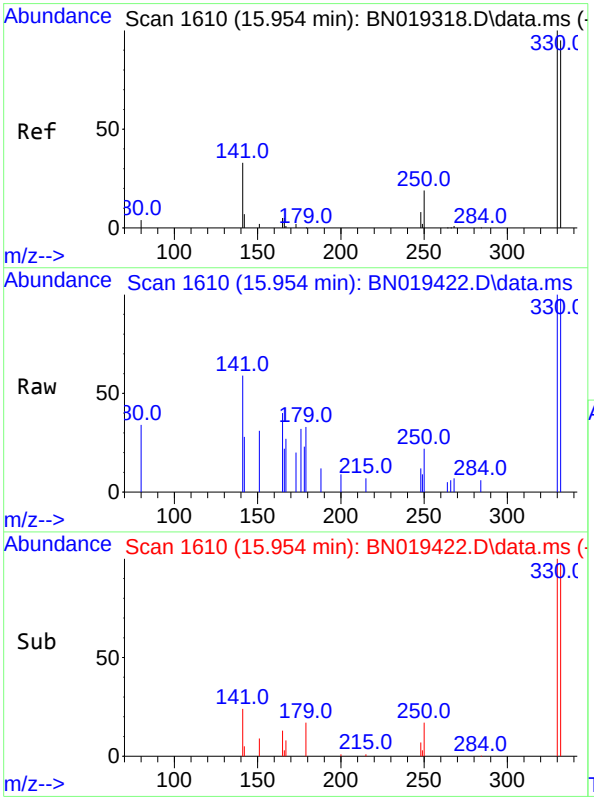
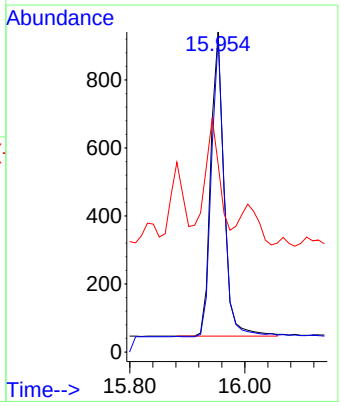
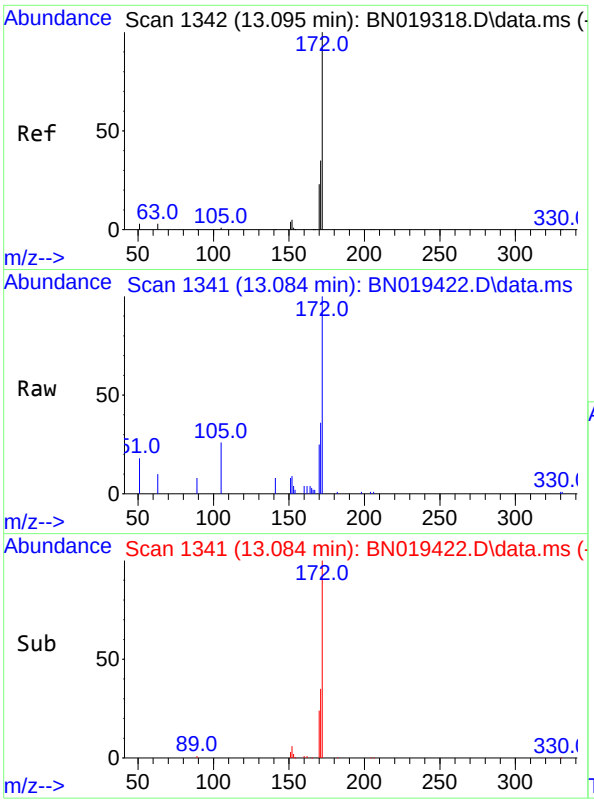


#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:330 Resp: 1428

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	38.7	32.2	48.2

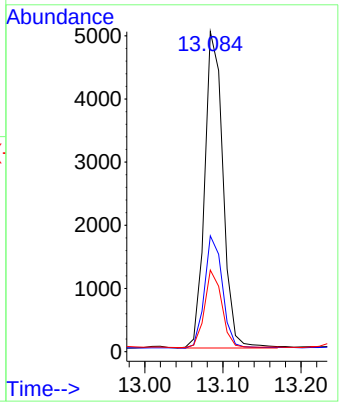




#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 13.084 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:172 Resp: 816

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.2
170	25.5	18.7	28.1



Instrument :
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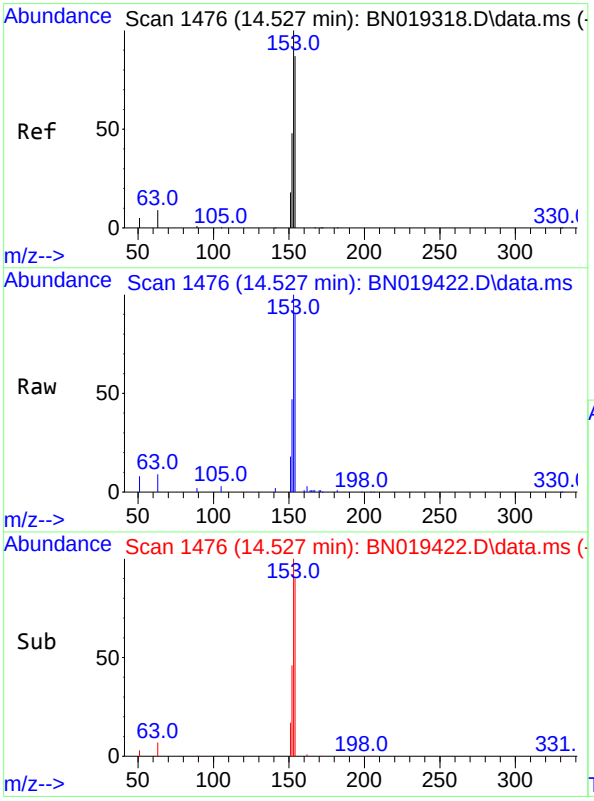
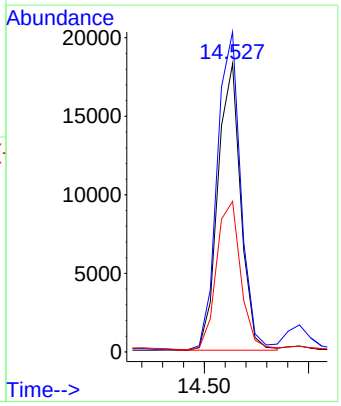
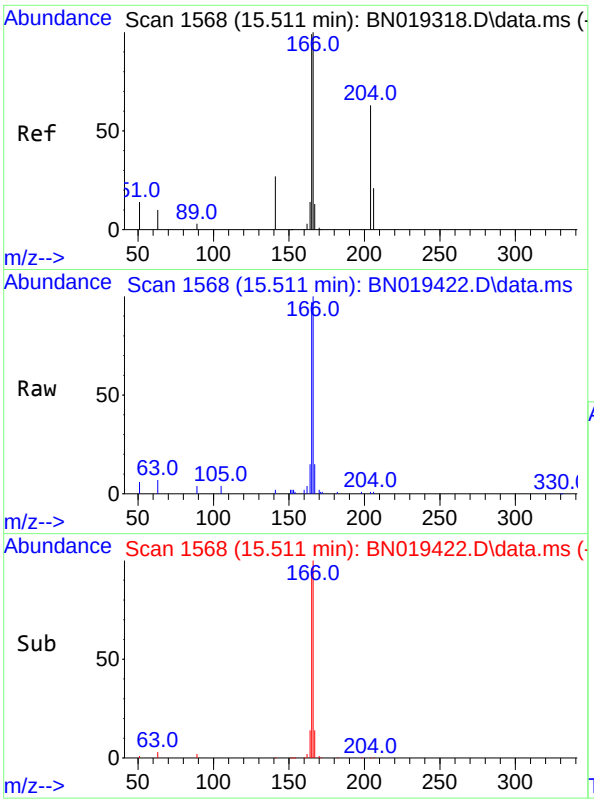


#17
Acenaphthene
Concen: 1.109 ng
RT: 14.527 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:154 Resp: 27691

Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.7	134.5
152	55.3	44.7	67.1

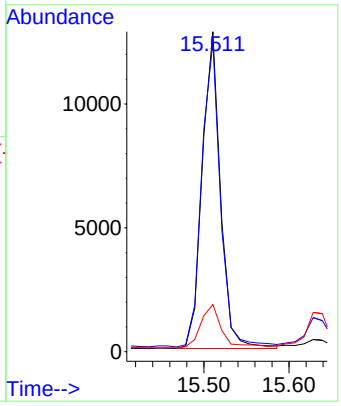




#18
Fluorene
Concen: 0.582 ng m
RT: 15.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:166 Resp: 1918

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.2	118.8
167	15.6	10.7	16.1



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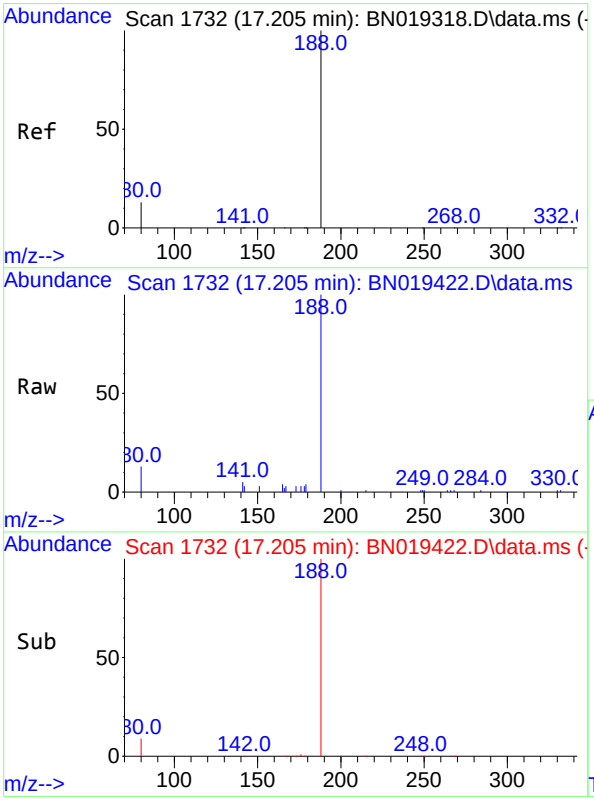
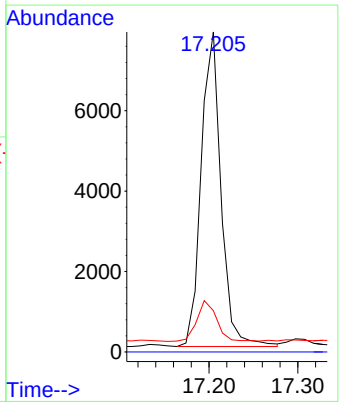
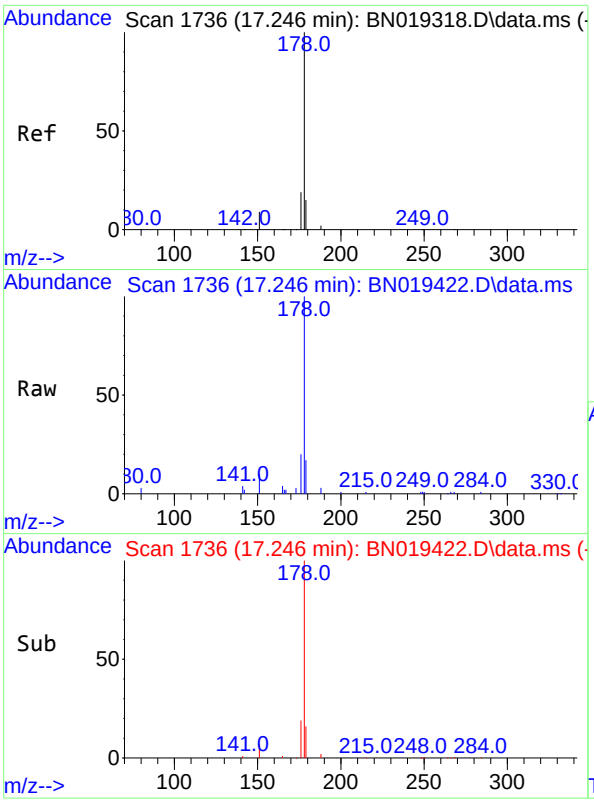


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:188 Resp: 12135

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	11.8	17.8

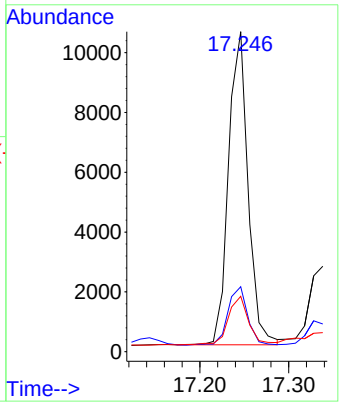




#25
Phenanthrene
Concen: 0.392 ng
RT: 17.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:178 Resp: 1596

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	16.8	12.2	18.2



Instrument :
BNA_N
ClientSampleId :
TWO-INCH-WELL

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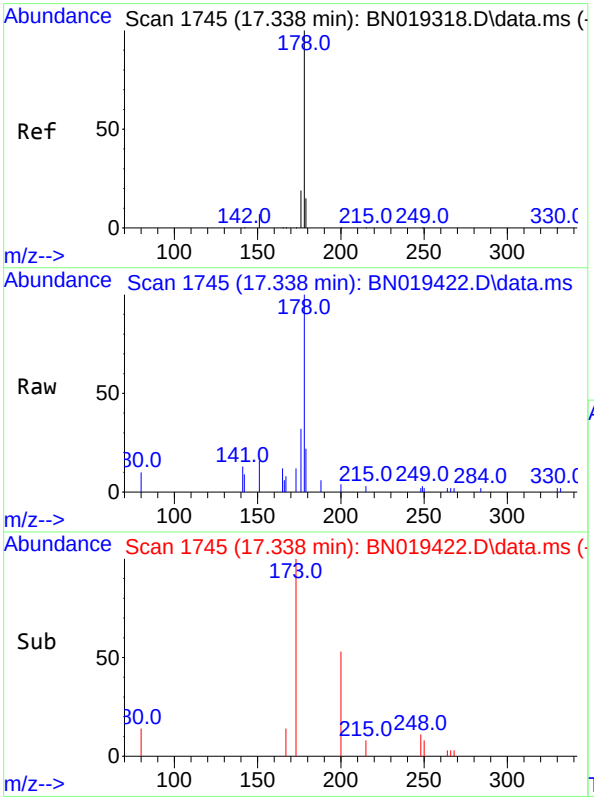
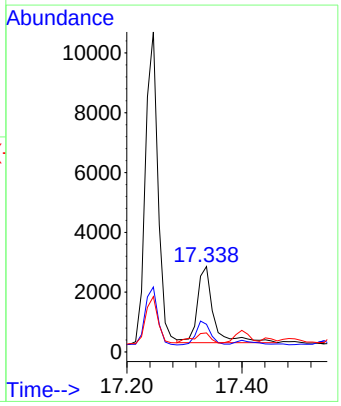
Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022

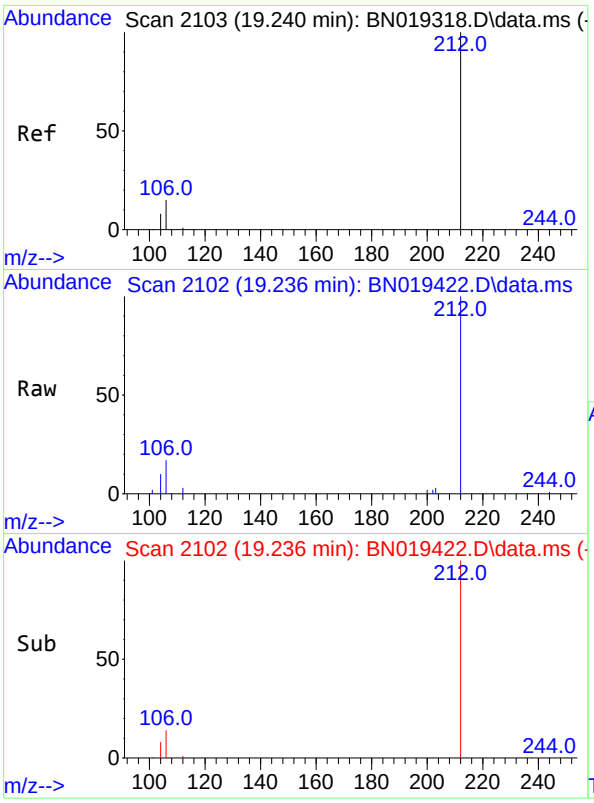


#26
Anthracene
Concen: 0.138 ng
RT: 17.338 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:178 Resp: 4941

Ion	Ratio	Lower	Upper
178	100		
176	27.8	14.8	22.2#
179	14.3	12.2	18.4

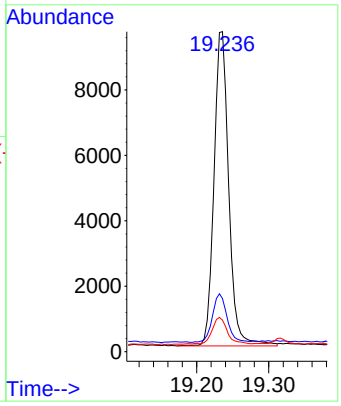




#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.236 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:212 Resp: 1365

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.7	19.1
104	9.2	7.1	10.7



Instrument :
BNA_N
ClientSampleId :
TWO-INCH-WELL

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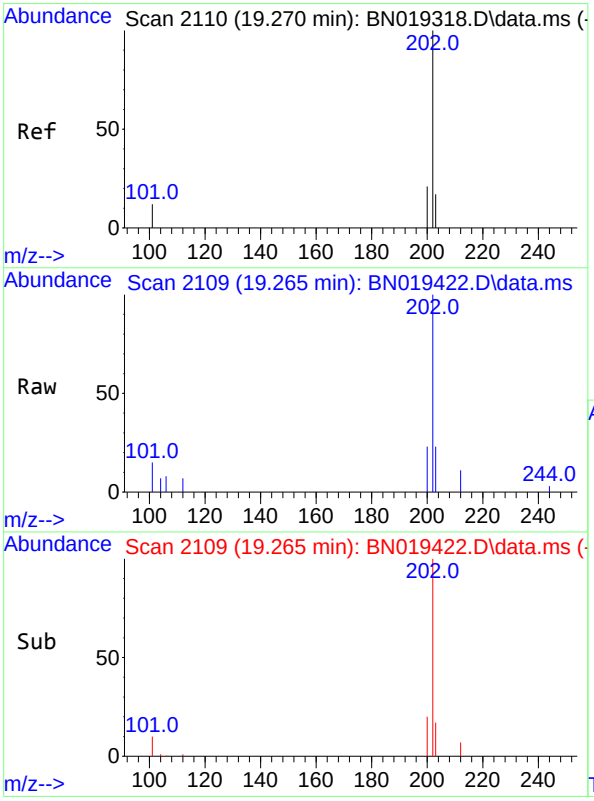
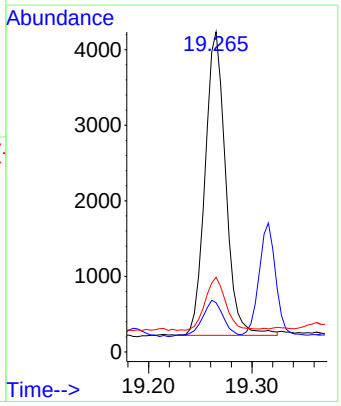
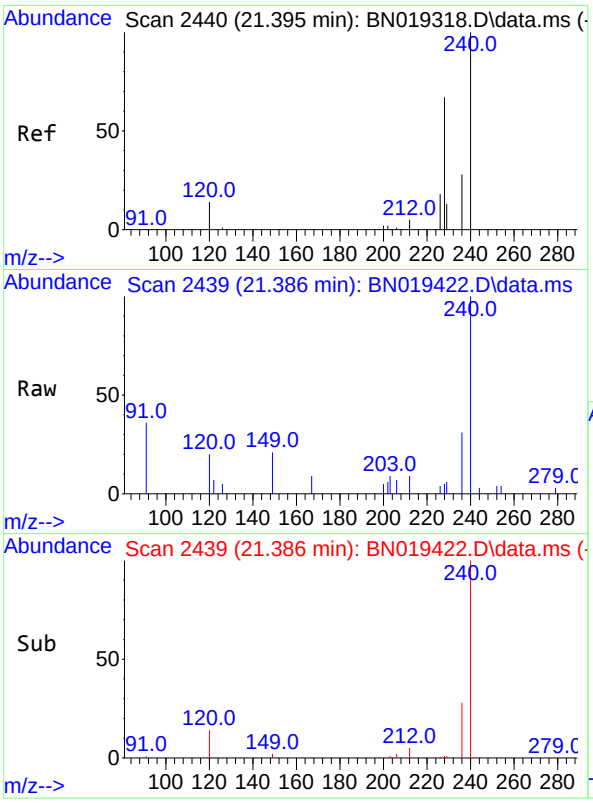


#28
Fluoranthene
Concen: 0.115 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:202 Resp: 5530

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.6
203	17.4	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: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:240 Resp: 1009

Ion	Ratio	Lower	Upper
240	100		
120	20.2	8.5	12.7#
236	30.8	22.4	33.6

Instrument :
BNA_N
ClientSampleId :
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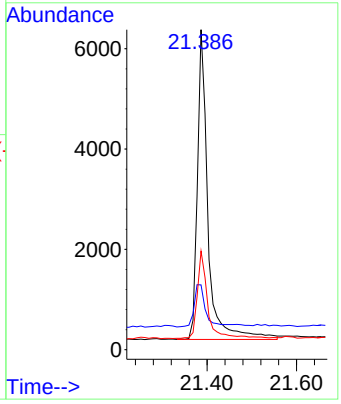
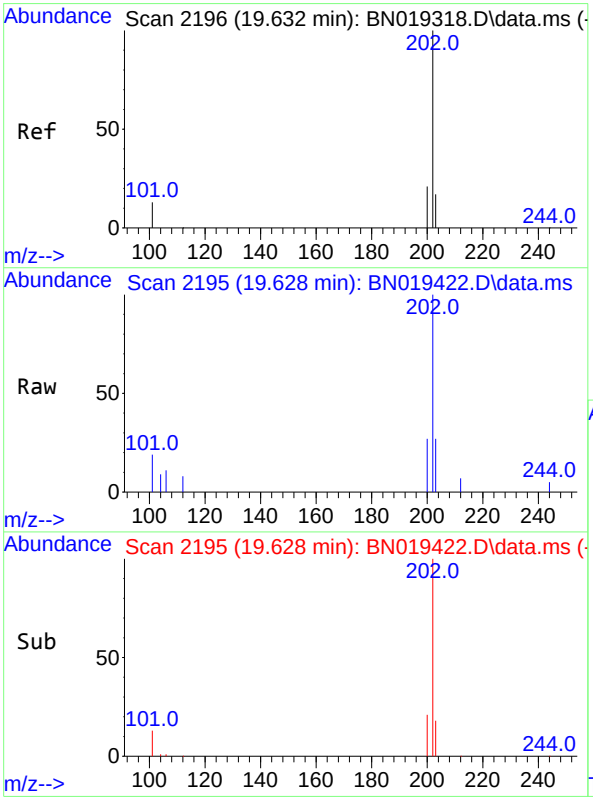
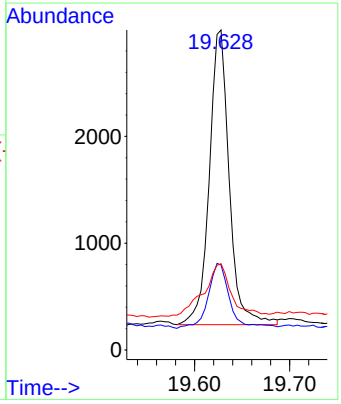


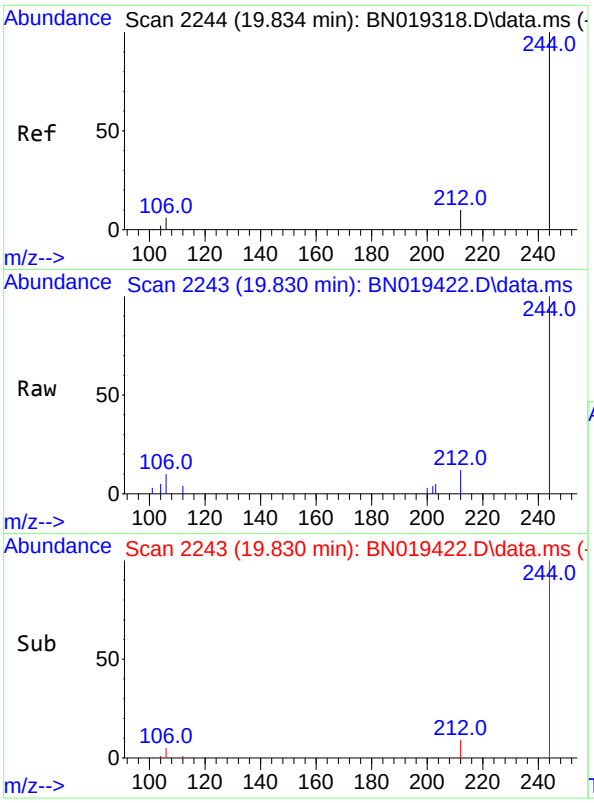


#30
Pyrene
Concen: 0.086 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:202 Resp: 4027

Ion	Ratio	Lower	Upper
202	100		
200	24.0	16.9	25.3
203	25.4	14.2	21.2#

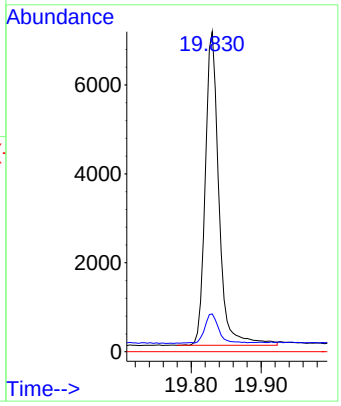




#31
Terphenyl-d14
Concen: 0.437 ng
RT: 19.830 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:244 Resp: 959

Ion	Ratio	Lower	Upper
244	100		
212	11.8	8.2	12.4
122	0.0	0.0	0.0



Instrument :
BNA_N
ClientSampleId :
TWO-INCH-WELL

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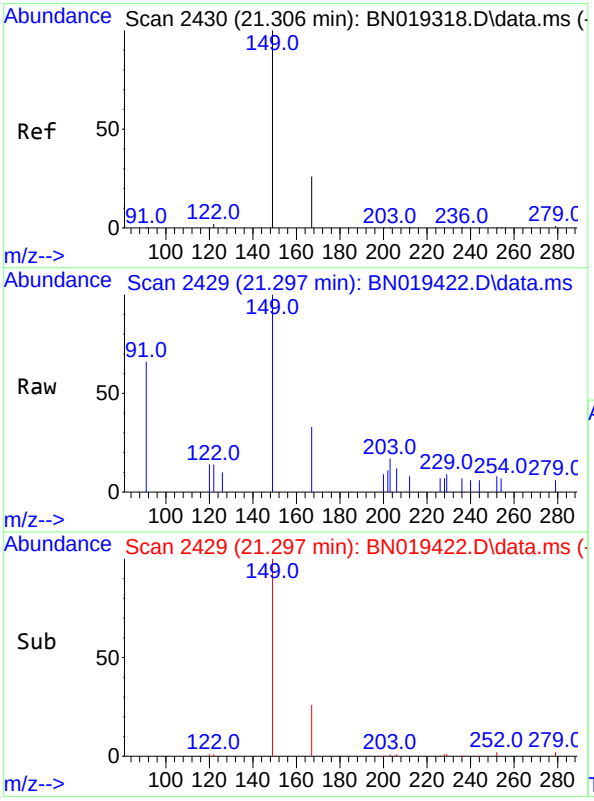
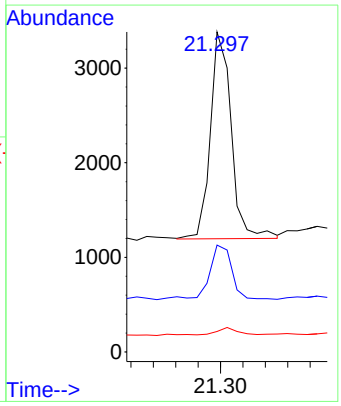
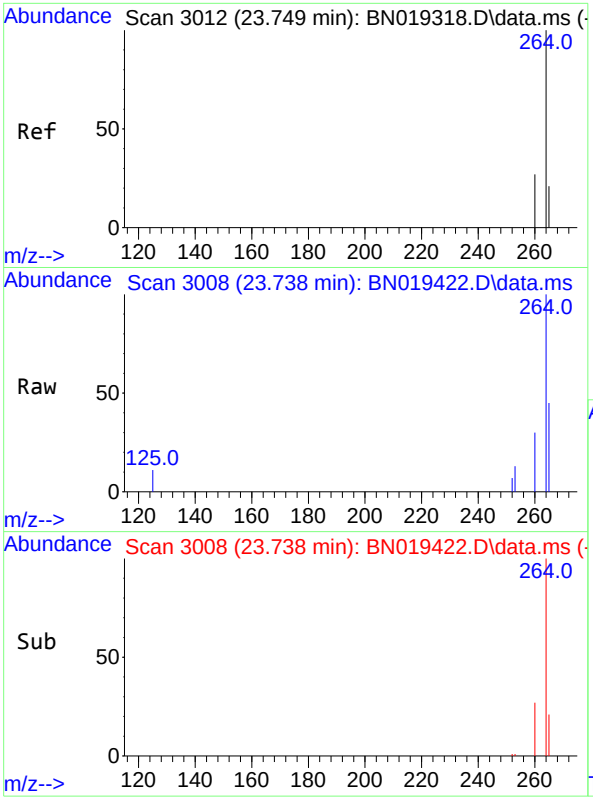


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.297 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:149 Resp: 2826

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.8	32.8
279	3.3	2.0	3.0#

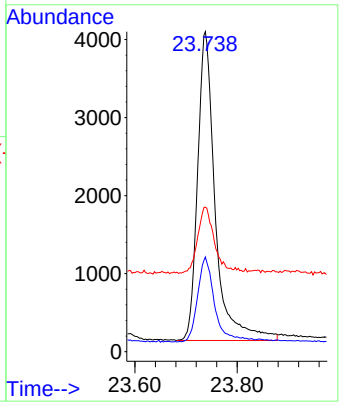




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:264 Resp: 949

Ion	Ratio	Lower	Upper
264	100		
260	29.6	22.4	33.6
265	45.1	25.3	37.9#



Instrument :
BNA_N
ClientSampleId :
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