Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019685.D
Acq On : 05 May 2022 04:53
Operator : CG/JU
Sample : N2680-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
B3-0-2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

Quant Time: May 05 05:38:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	5624	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	16372	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	8689	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	16260	0.400	ng	0.00
29) Chrysene-d12	21.404	240	11152	0.400	ng	# 0.00
35) Perylene-d12	23.741	264	9188	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	5101	0.389	ng	0.00
5) Phenol-d6	7.024	99	6130	0.381	ng	0.00
8) Nitrobenzene-d5	9.003	82	4577m	0.345	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	10407	0.390	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	988	0.307	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	14103	0.376	ng	0.00
27) Fluoranthene-d10	19.248	212	16600	0.368	ng	0.00
31) Terphenyl-d14	19.847	244	10704	0.410	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.324	149	1365	0.065	ng	# 98
37) Benzo(b)fluoranthene	23.036	252	1833	0.048	ng	# 32

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

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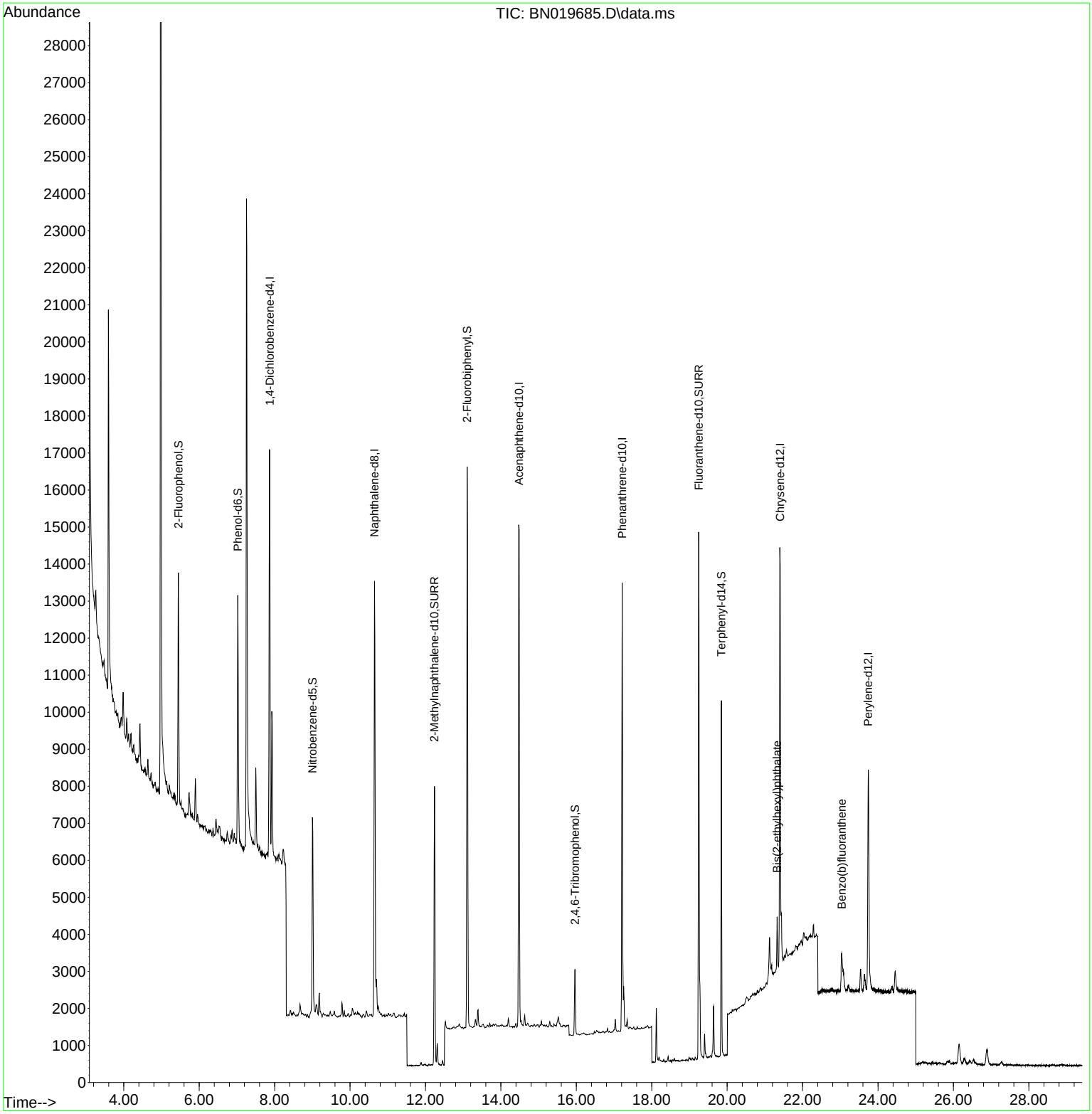
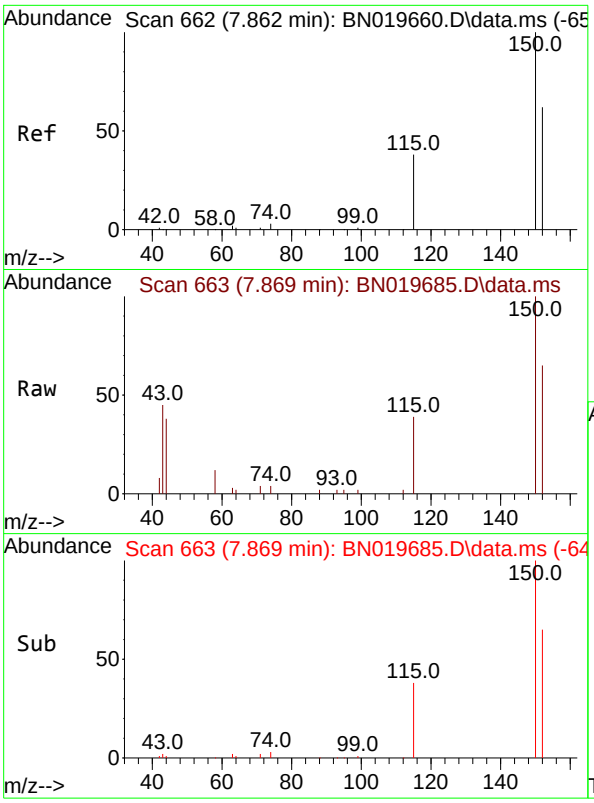
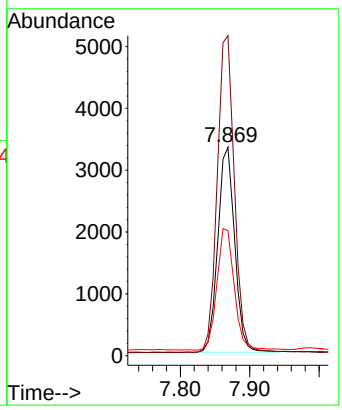




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:152 Resp: 562

Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.6	183.8
115	59.9	49.0	73.6



Instrument :
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ClientSampleId :
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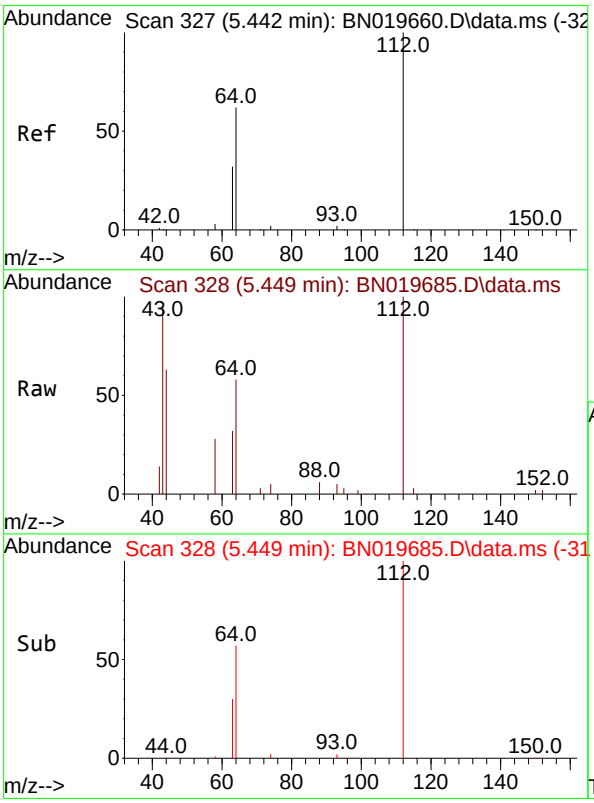
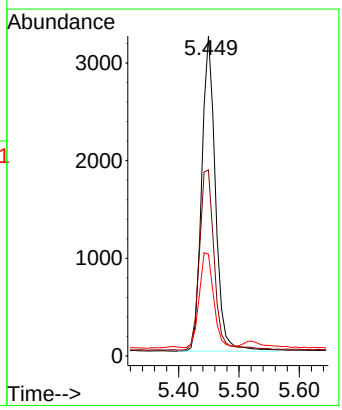
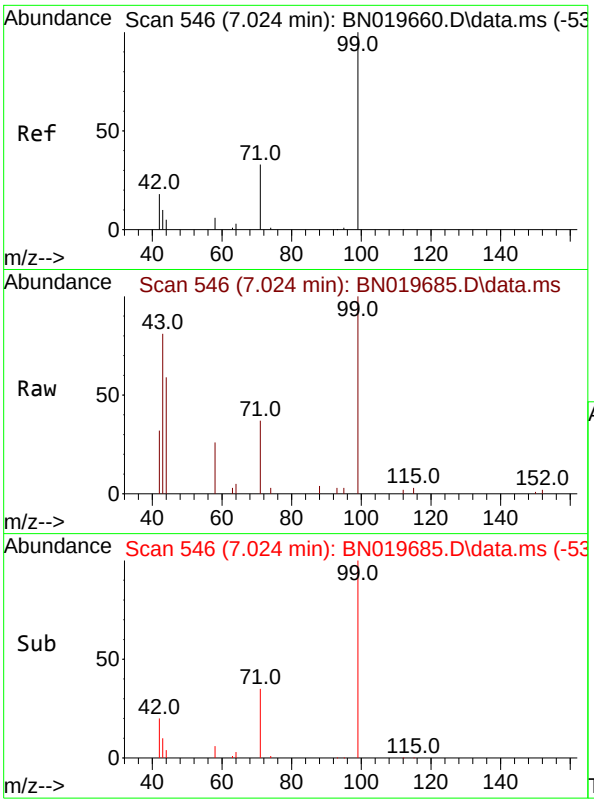


#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:112 Resp: 5101

Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.3	70.9
63	31.1	24.6	36.8

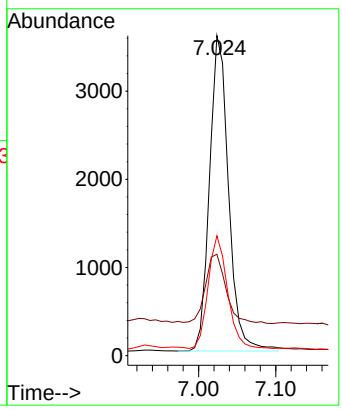




#5
Phenol-d6
Concen: 0.381 ng
RT: 7.024 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion: 99 Resp: 613

Ion	Ratio	Lower	Upper
99	100		
42	23.7	15.8	23.8
71	36.2	26.5	39.7



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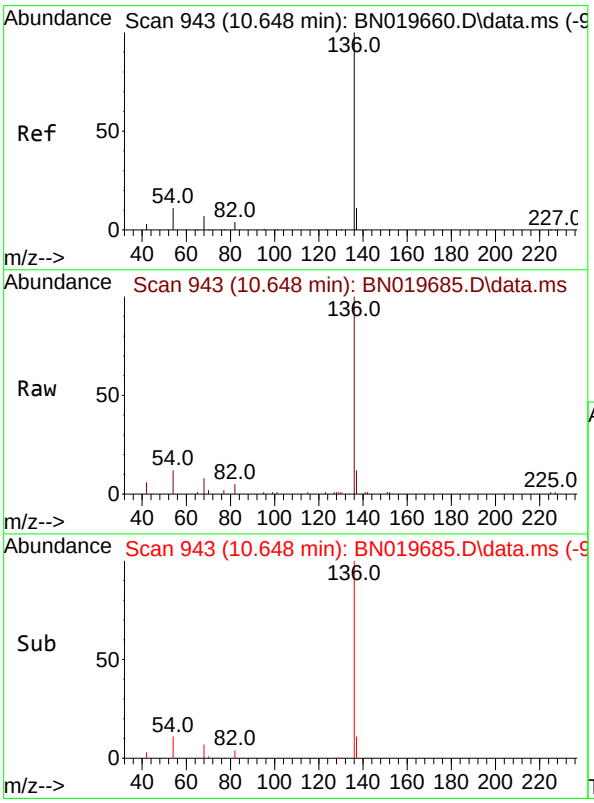
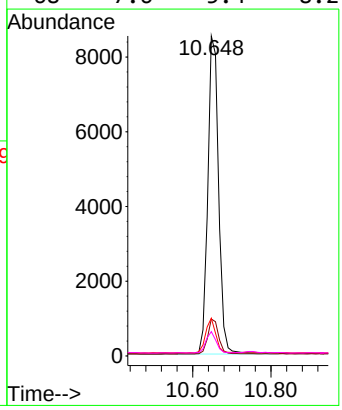
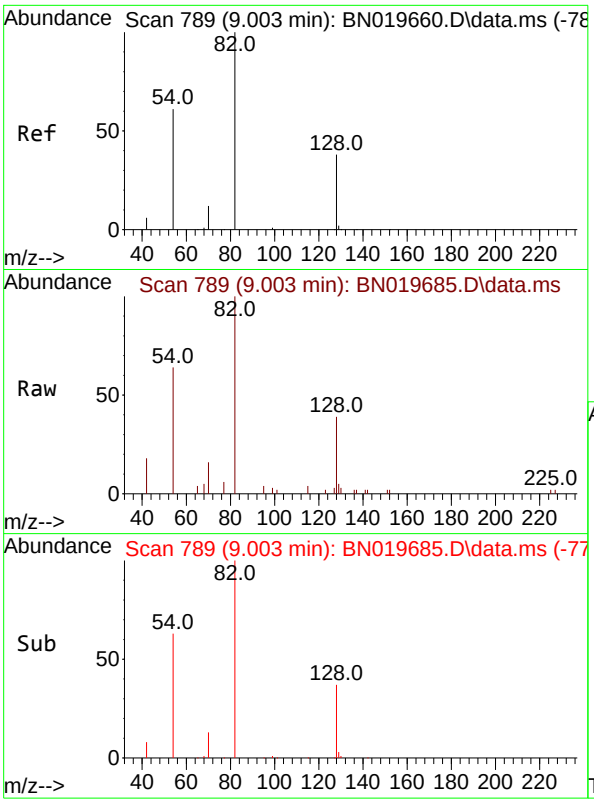


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:136 Resp: 16372

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.8	7.8	11.6#
68	7.6	5.4	8.2

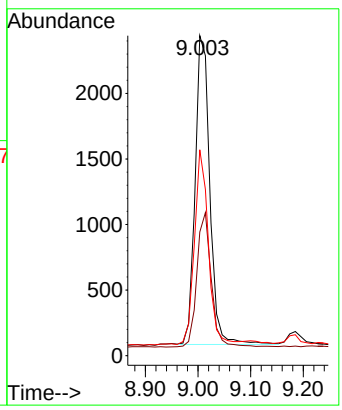




#8
Nitrobenzene-d5
Concen: 0.345 ng m
RT: 9.003 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion: 82 Resp: 457

Ion	Ratio	Lower	Upper
82	100		
128	38.6	32.4	48.6
54	64.3	44.4	66.6



Instrument :
BNA_N
ClientSampleId :
B3-0-2

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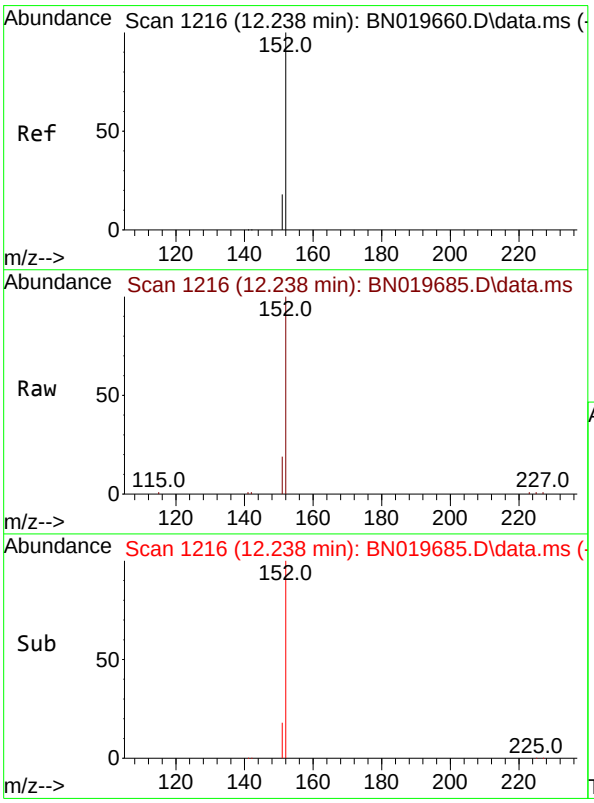
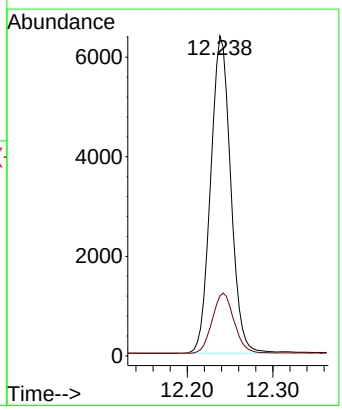
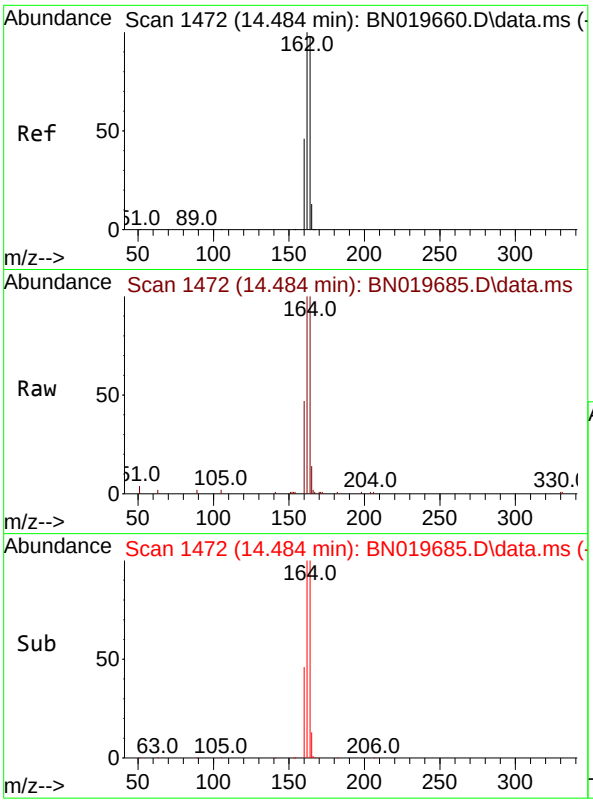


#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:152 Resp: 10407

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

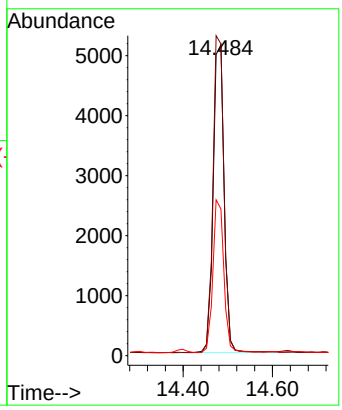




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:164 Resp: 868

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.8	122.6
160	47.2	38.3	57.5



Instrument :
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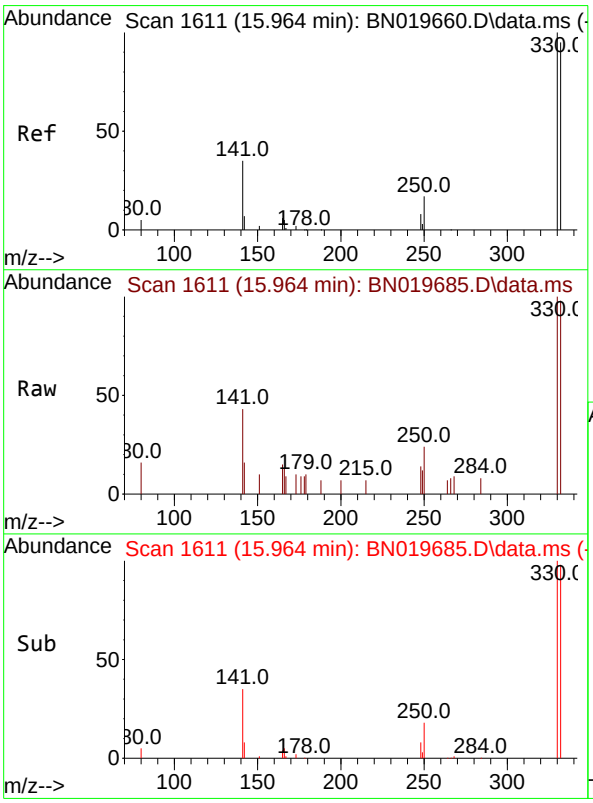
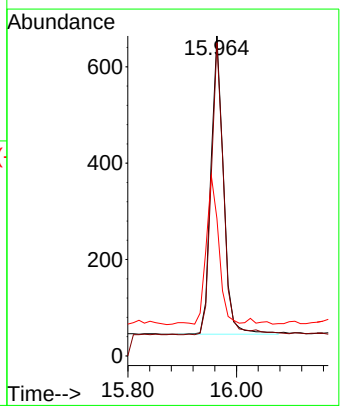
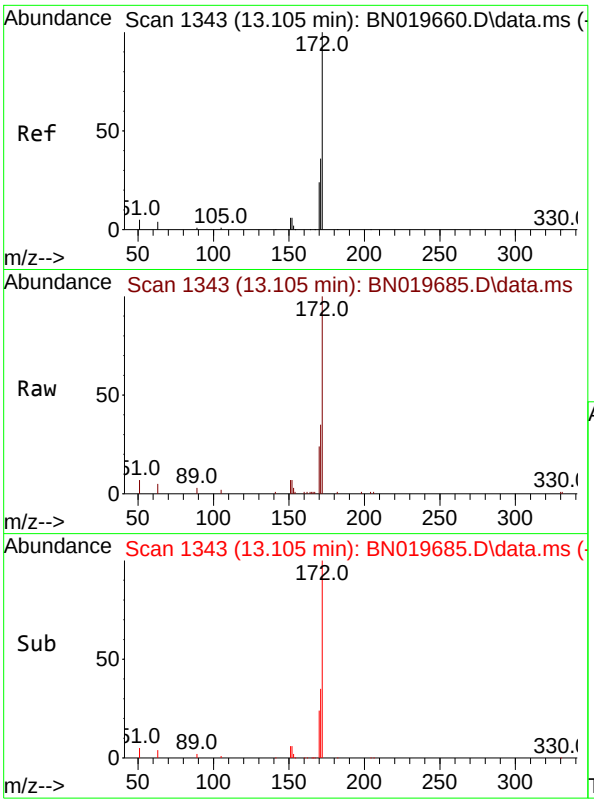


#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:330 Resp: 988

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	50.1	39.7	59.5

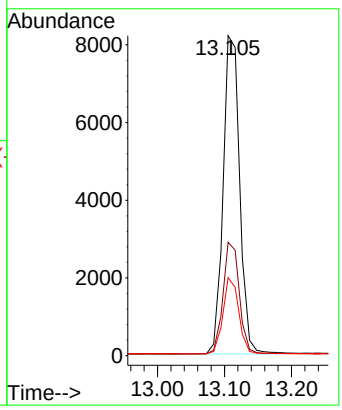




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:172 Resp: 1410

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.0	42.0
170	24.3	19.0	28.4



Instrument :
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ClientSampleId :
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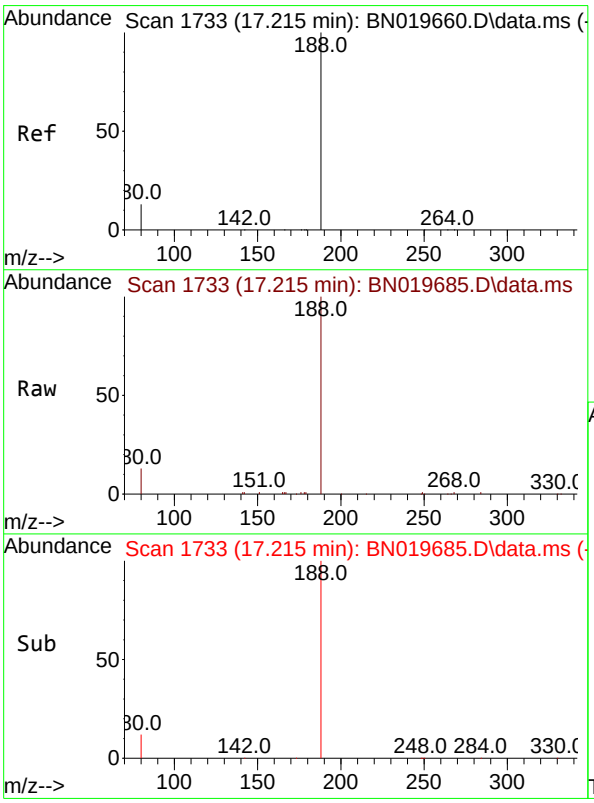
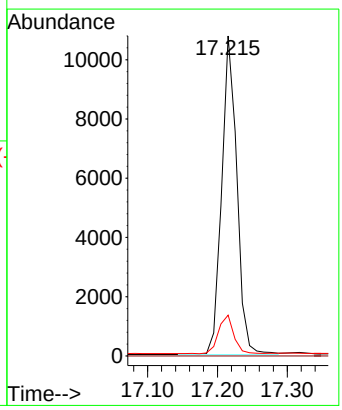
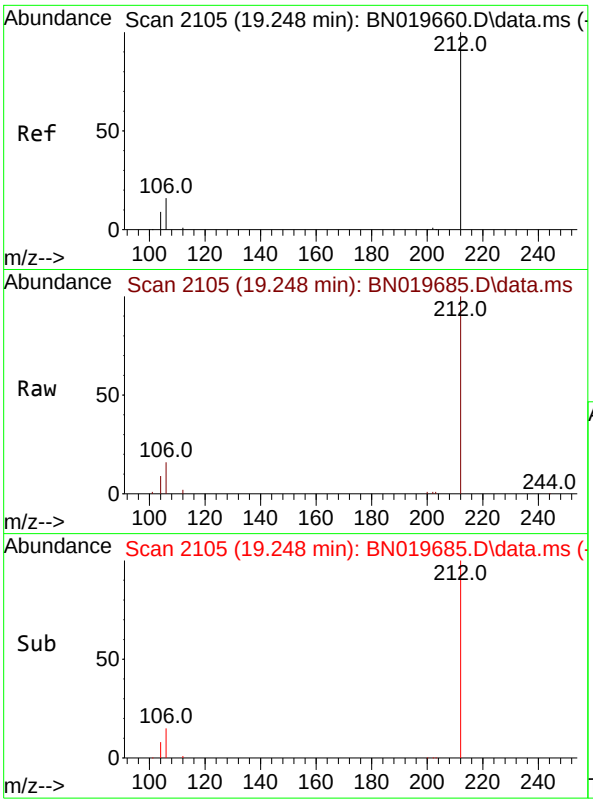


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:188 Resp: 16260

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	8.6	12.8





#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.248 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:212 Resp: 1660

Ion	Ratio	Lower	Upper
212	100		
106	16.2	13.5	20.3
104	9.1	7.6	11.4

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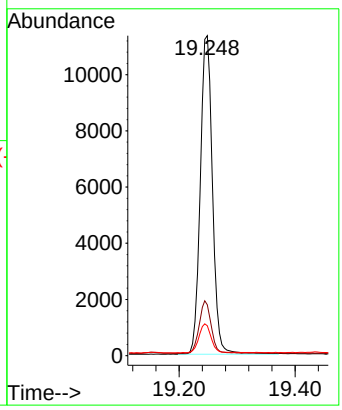
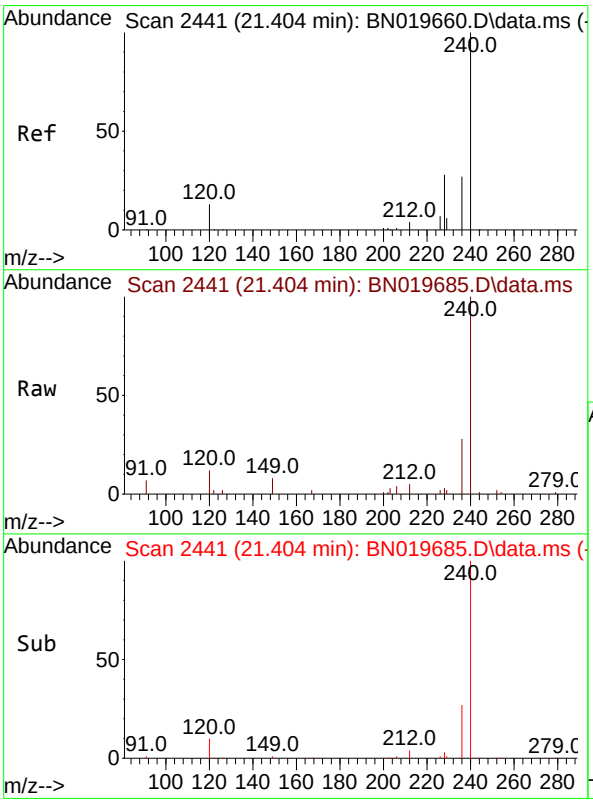
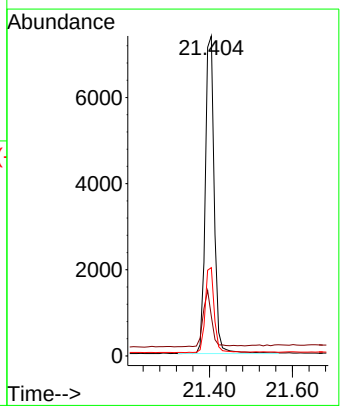


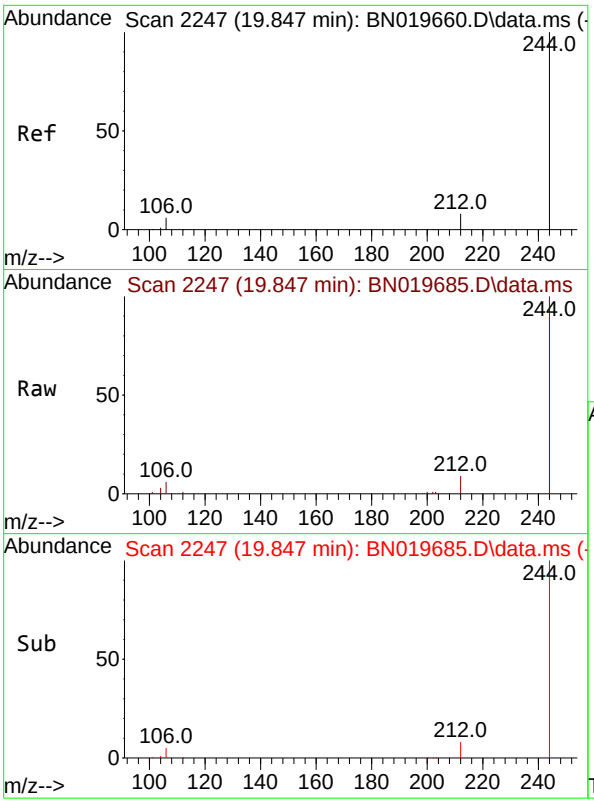


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:240 Resp: 11152

Ion	Ratio	Lower	Upper
240	100		
120	12.4	17.4	26.2#
236	27.6	23.0	34.4

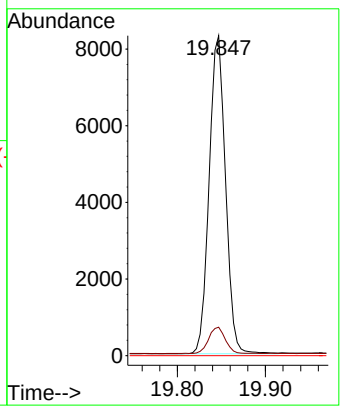




#31
Terphenyl-d14
Concen: 0.410 ng
RT: 19.847 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:244 Resp: 1070

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.6	11.4
122	0.0	0.0	0.0



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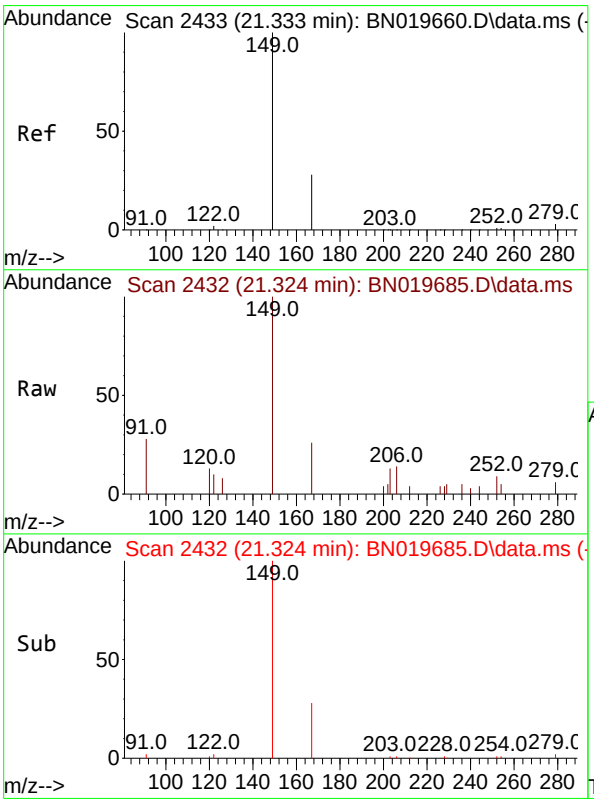
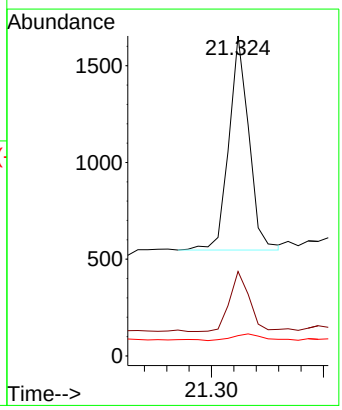
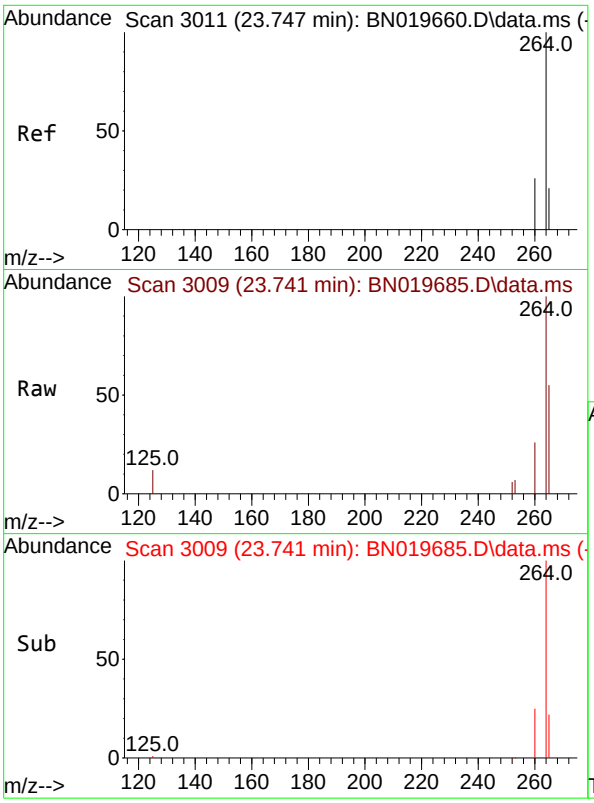


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.065 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:149 Resp: 1365

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.7	32.5
279	5.0	2.8	4.2#

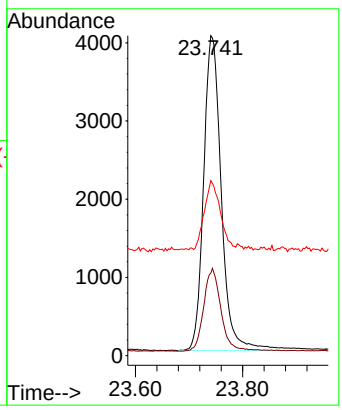




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:264 Resp: 918

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.0	31.6
265	54.7	67.9	101.9#



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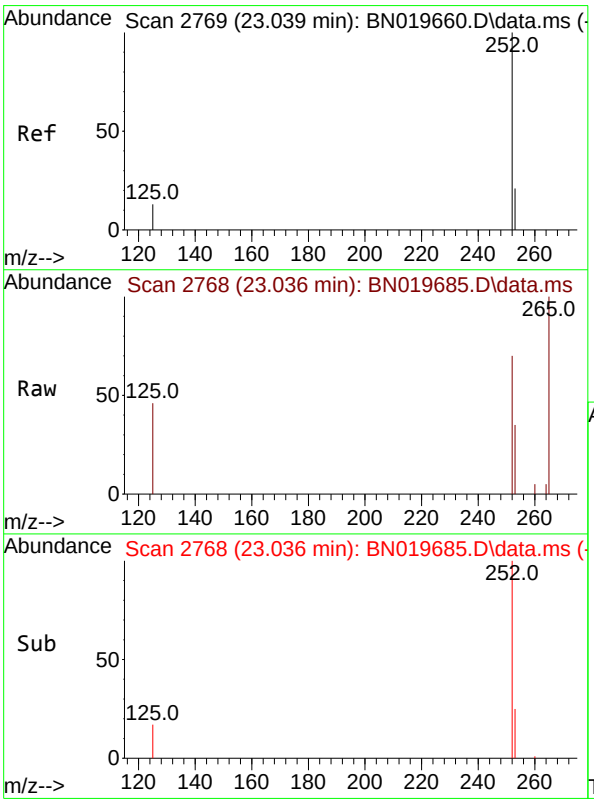

#37
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 23.036 min Scan# 2768
Delta R.T. -0.003 min
Lab File: BN019685.D
Acq: 05 May 2022 04:53

Tgt Ion:252 Resp: 1833

Ion	Ratio	Lower	Upper
252	100		
253	49.9	21.2	31.8#
125	65.1	15.9	23.9#