Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
Data File : BN015255.D
Acq On : 01 Jul 2021 12:04
Operator : CG/JU
Sample : M2803-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE105D1-20210621

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Quant Time: Jul 01 12:54:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	22759	0.400	ng	# 0.00
7) Naphthalene-d8	10.492	136	104980	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	56985	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	113965	0.400	ng	0.00
29) Chrysene-d12	21.292	240	91645	0.400	ng	#-0.01
35) Perylene-d12	23.540	264	74028	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	11056	0.191	ng	0.00
5) Phenol-d6	6.911	99	7516	0.103	ng	0.00
8) Nitrobenzene-d5	8.870	82	28981	0.493	ng	0.00
11) 2-Methylnaphthalene-d10	12.084	152	68917	0.396	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	6738	0.494	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	98376	0.425	ng	0.00
27) Fluoranthene-d10	19.128	212	139302	0.414	ng	0.00
31) Terphenyl-d14	19.734	244	113324	0.529	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	51702m	4.845	ng	
6) bis(2-Chloroethyl)ether	7.169	93	1568	0.022	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.218	149	27615	0.395	ng	# 87

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

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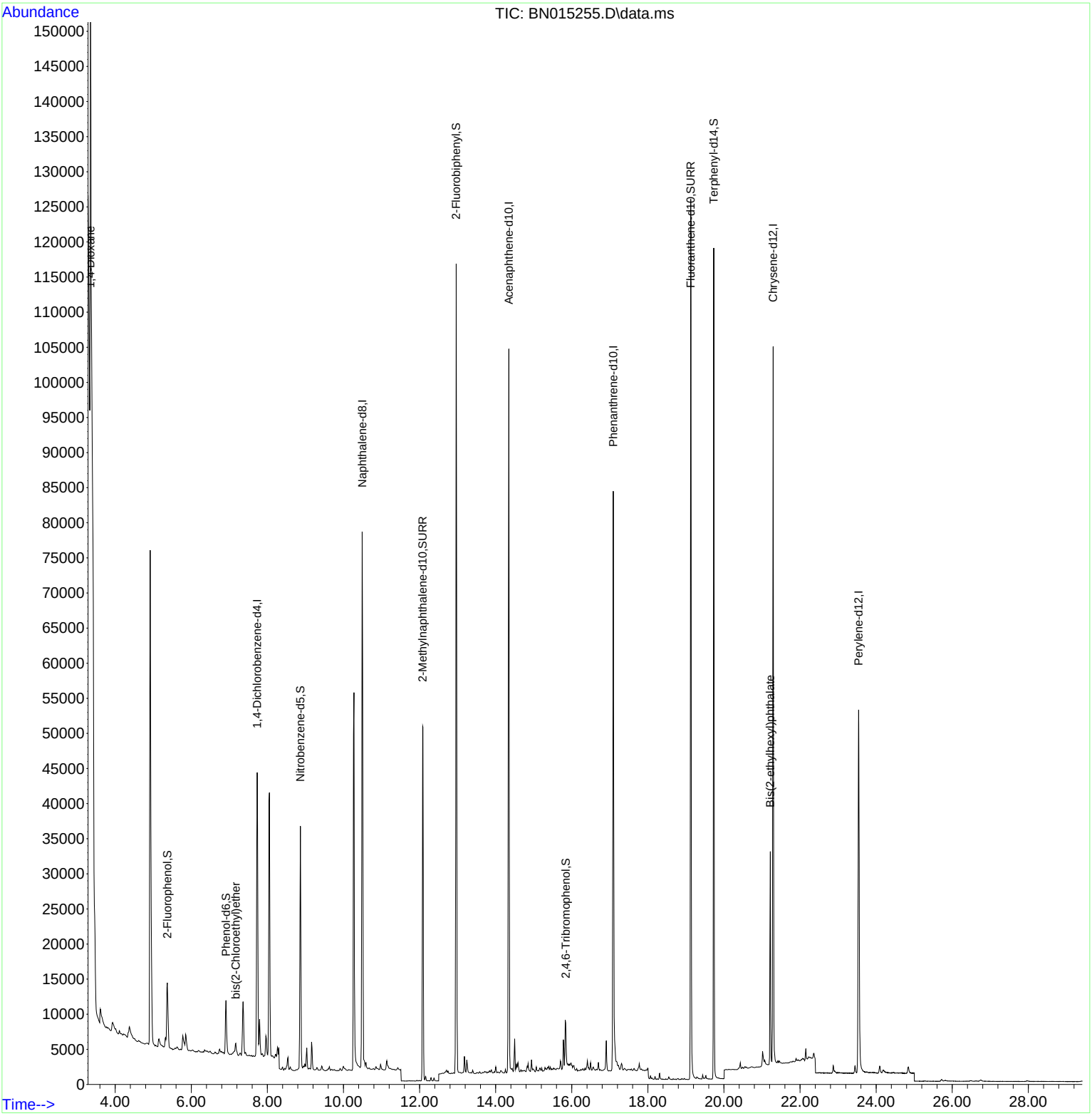
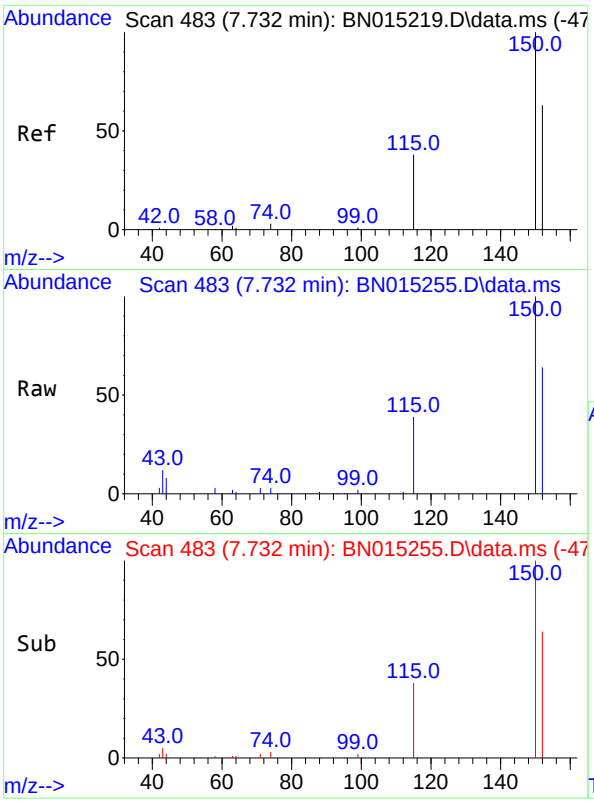
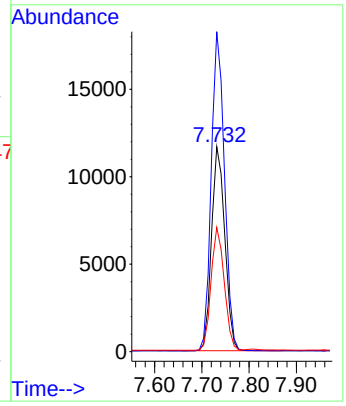




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:152 Resp: 22759

Ion	Ratio	Lower	Upper
152	100		
150	156.1	119.0	178.6
115	60.5	62.2	93.4#



Instrument :
BNA_N
ClientSampleId :
RE105D1-20210621

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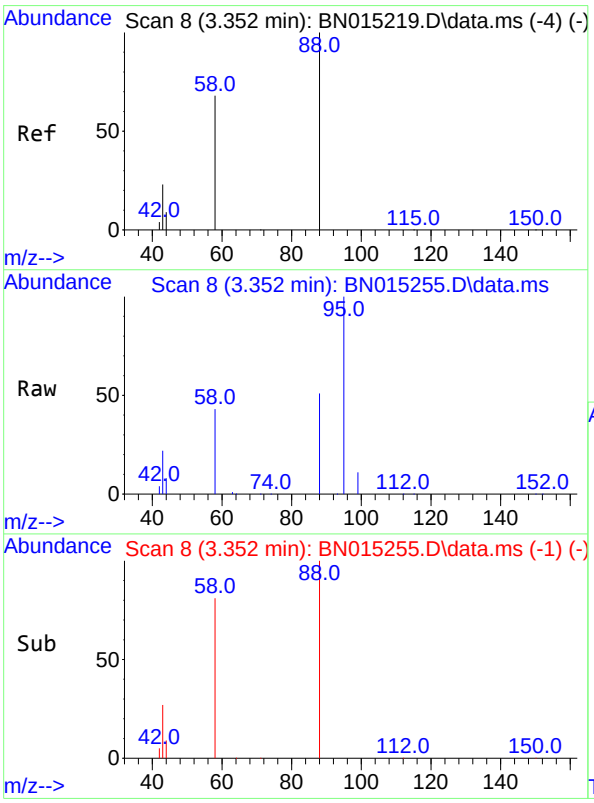
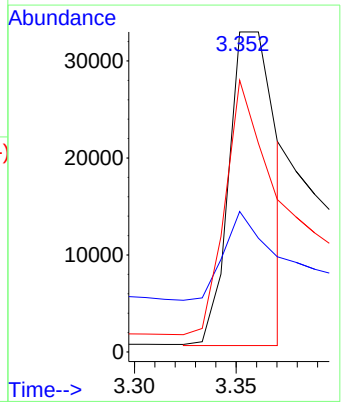
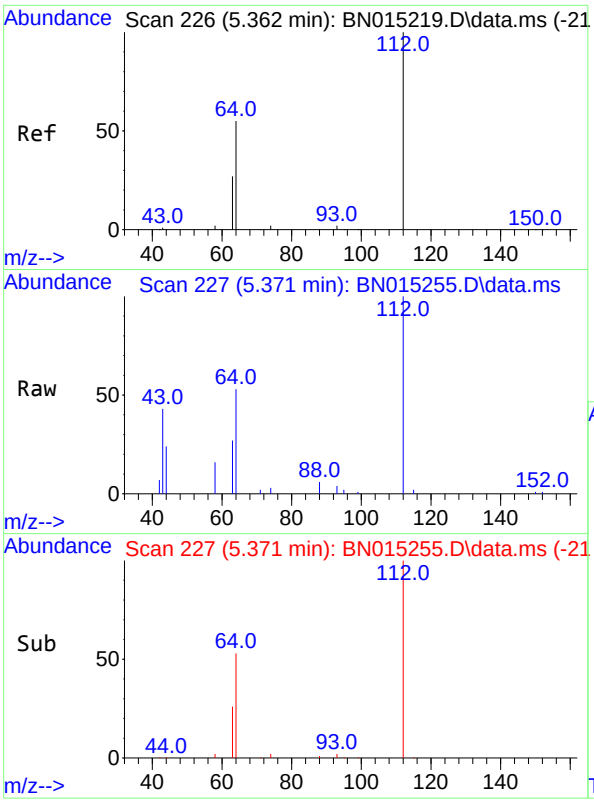


#2
1,4-Dioxane
Concen: 4.845 ng m
RT: 3.352 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion: 88 Resp: 51702

Ion	Ratio	Lower	Upper
88	100		
43	46.5	12.9	19.3#
58	151.9	38.1	57.1#

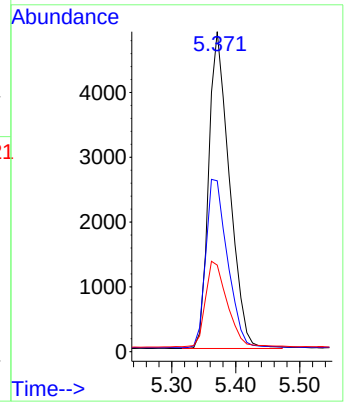




#4
2-Fluorophenol
Concen: 0.191 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.009 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:112 Resp: 11056

Ion	Ratio	Lower	Upper
112	100		
64	55.7	39.0	58.6
63	28.5	20.6	30.8



Instrument :
BNA_N
ClientSampleId :
RE105D1-20210621

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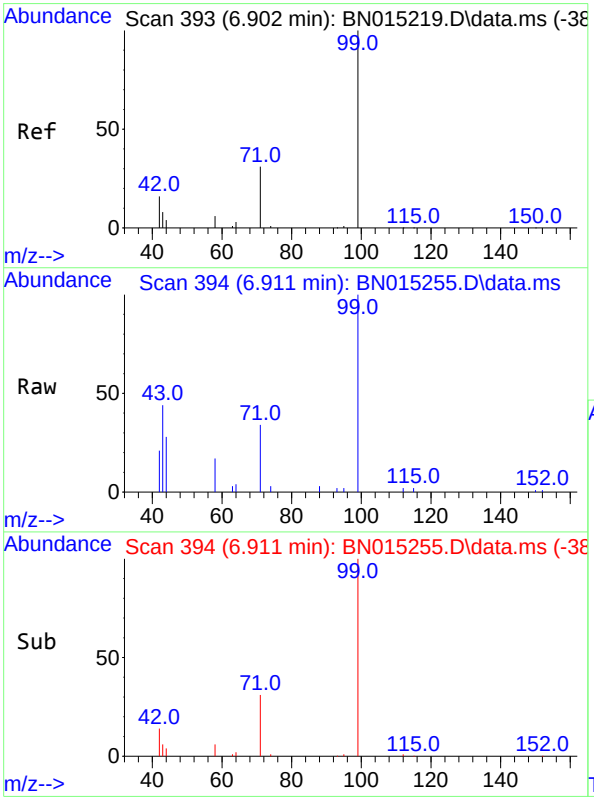
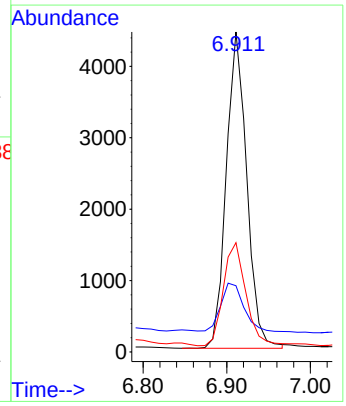
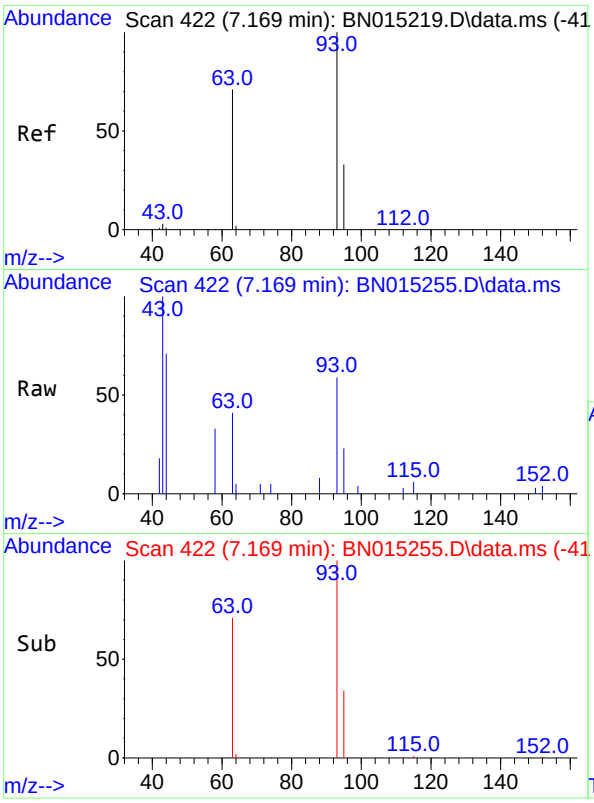


#5
Phenol-d6
Concen: 0.103 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion: 99 Resp: 7516

Ion	Ratio	Lower	Upper
99	100		
42	17.0	8.9	13.3#
71	35.7	35.6	53.4

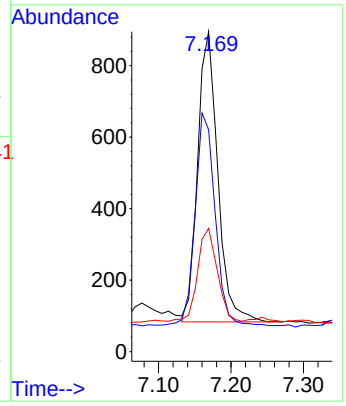


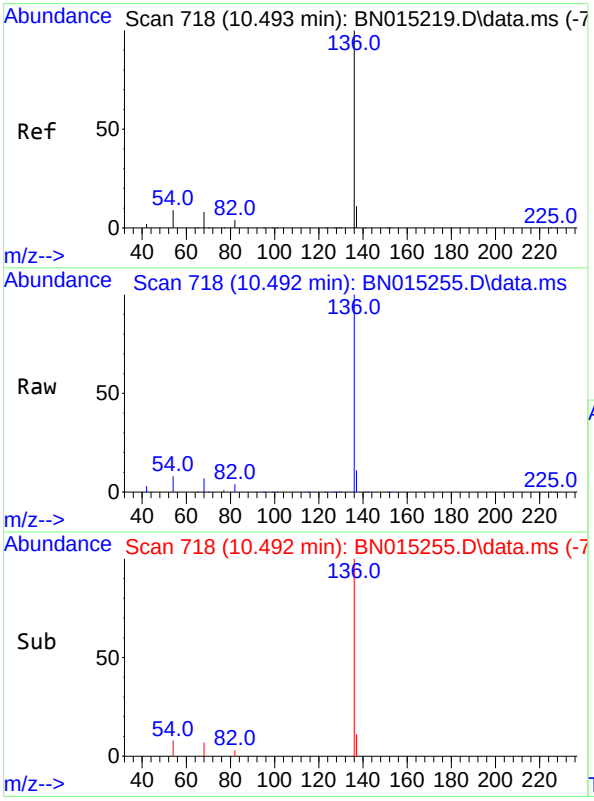


#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.169 min Scan# 422
Delta R.T. -0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion: 93 Resp: 1568

Ion	Ratio	Lower	Upper
93	100		
63	75.6	46.6	70.0#
95	31.4	28.6	42.8

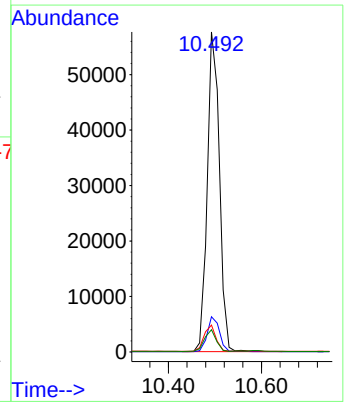




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.492 min Scan# 718
Delta R.T. -0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:136 Resp: 104980

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	8.4	5.4	8.2#
68	7.0	4.9	7.3



Instrument :
BNA_N
ClientSampleId :
RE105D1-20210621

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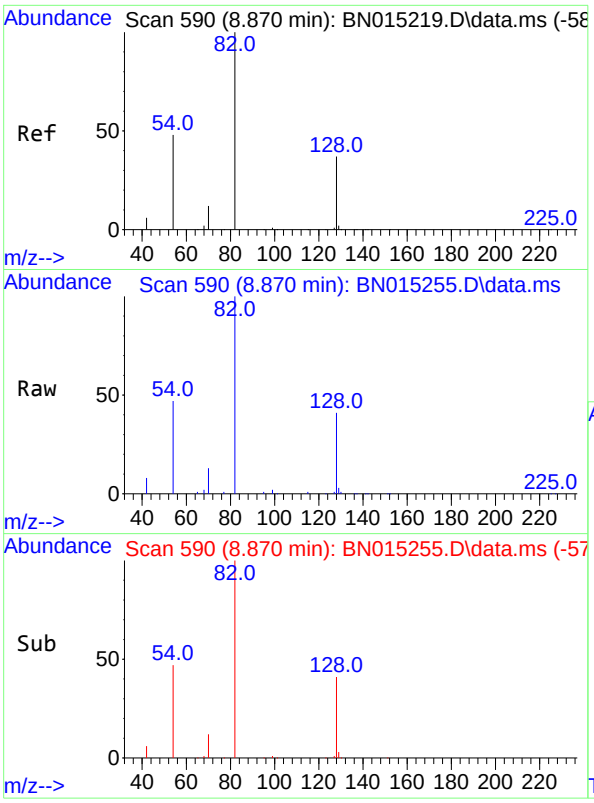
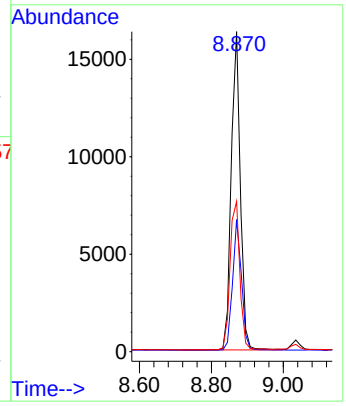


#8
Nitrobenzene-d5
Concen: 0.493 ng
RT: 8.870 min Scan# 590
Delta R.T. 0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion: 82 Resp: 28981

Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.6	47.4
54	47.0	29.0	43.4#



Instrument :
BNA_N
ClientSampleId :
RE105D1-20210621

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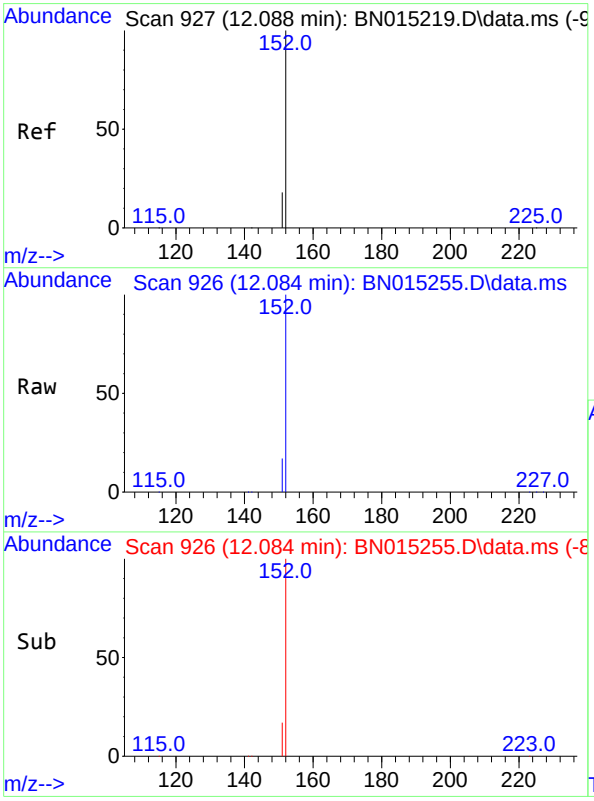
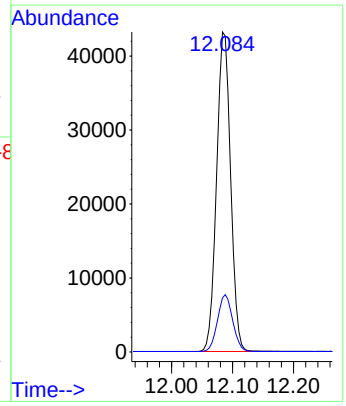
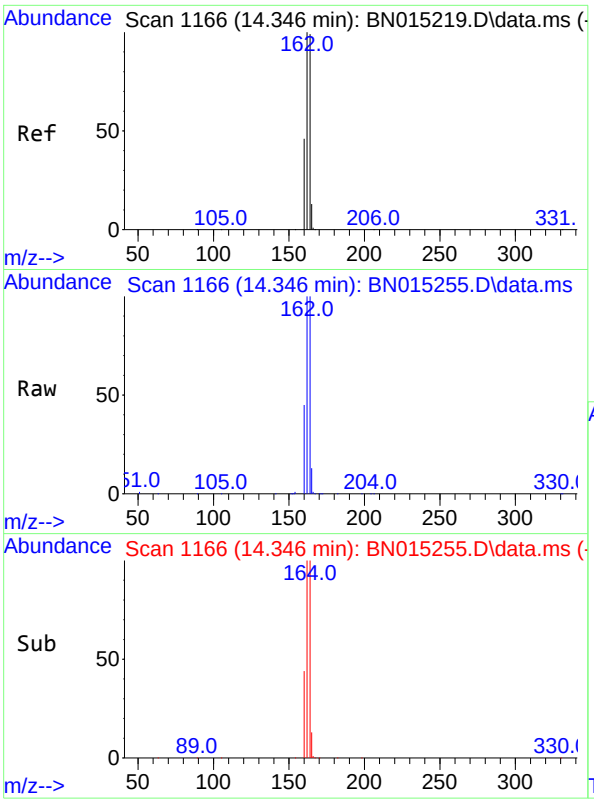


#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.084 min Scan# 926
Delta R.T. -0.005 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:152 Resp: 68917

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.7	25.1

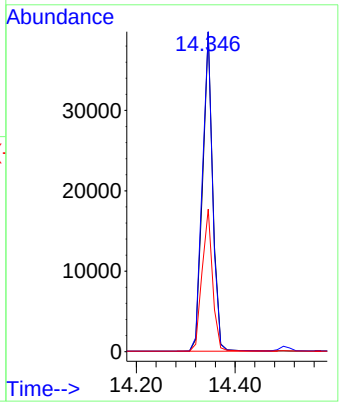


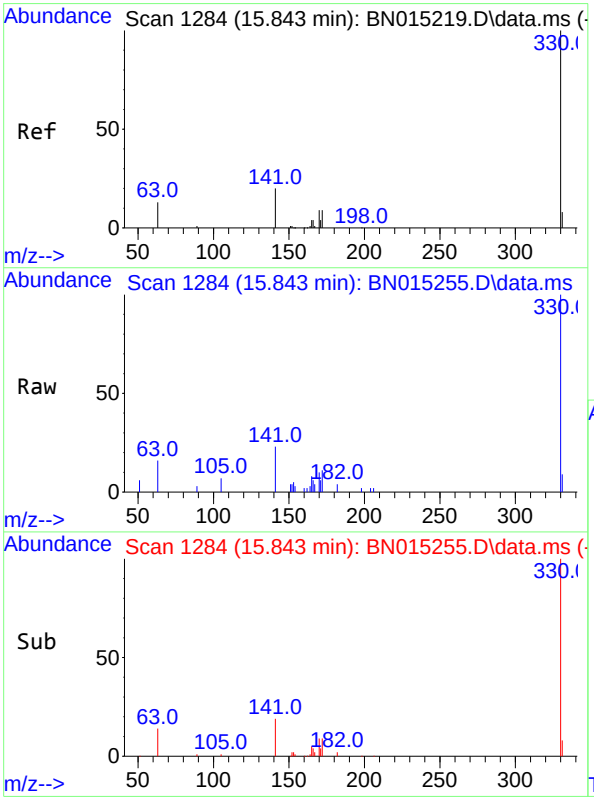


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:164 Resp: 56985

Ion	Ratio	Lower	Upper
164	100		
162	100.1	83.8	125.6
160	44.6	37.4	56.0

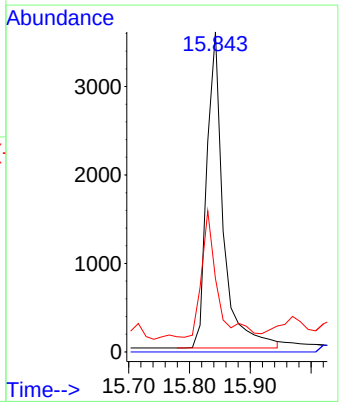




#14
2,4,6-Tribromophenol
Concen: 0.494 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:330 Resp: 6738

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.9	22.4	33.6#



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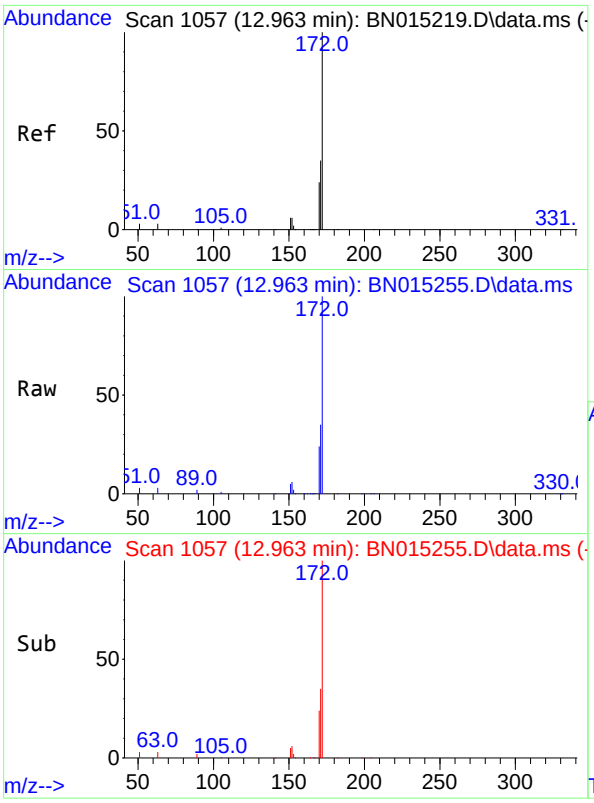
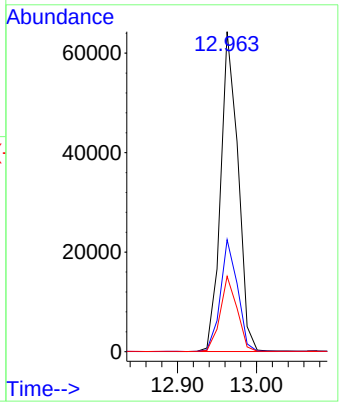


#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:172 Resp: 98376

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.6	45.8
170	23.6	20.2	30.4



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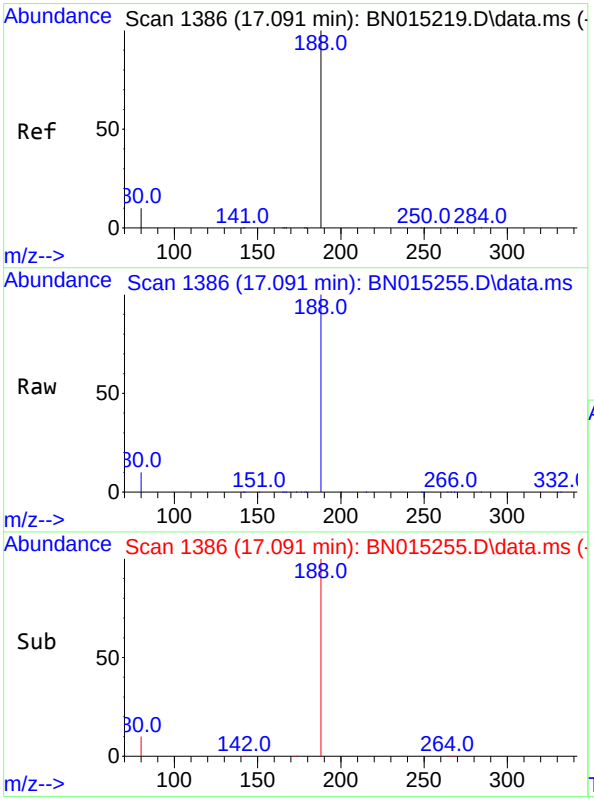
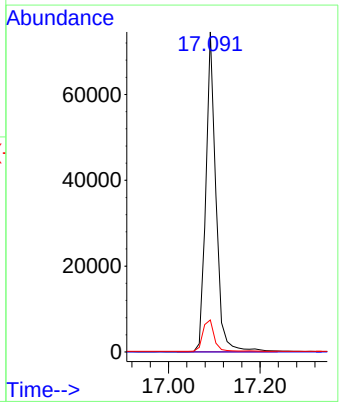
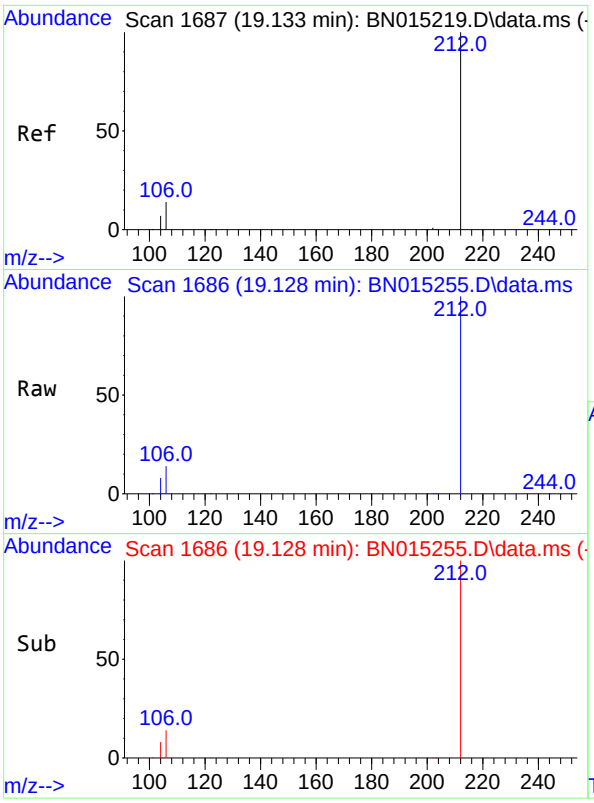


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:188 Resp: 113965

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	9.0	13.4

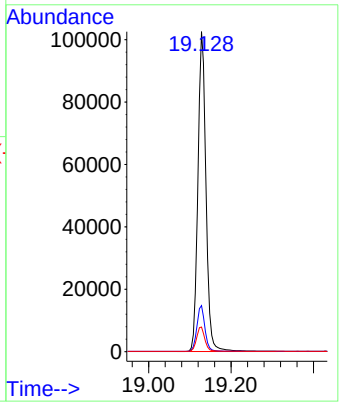




#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:212 Resp: 139302

Ion	Ratio	Lower	Upper
212	100		
106	14.3	7.0	10.6#
104	7.8	4.1	6.1#



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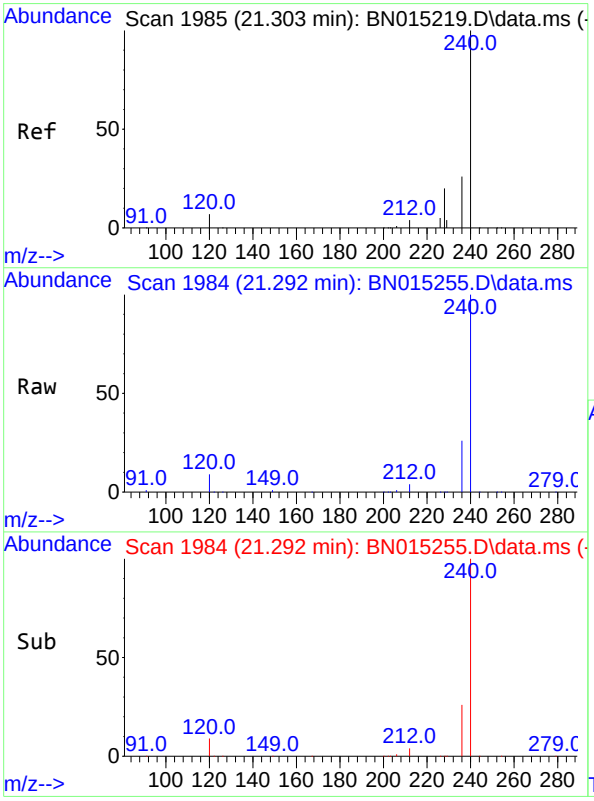
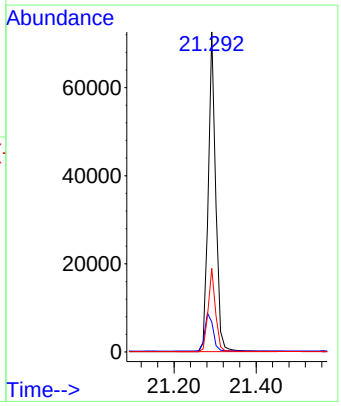
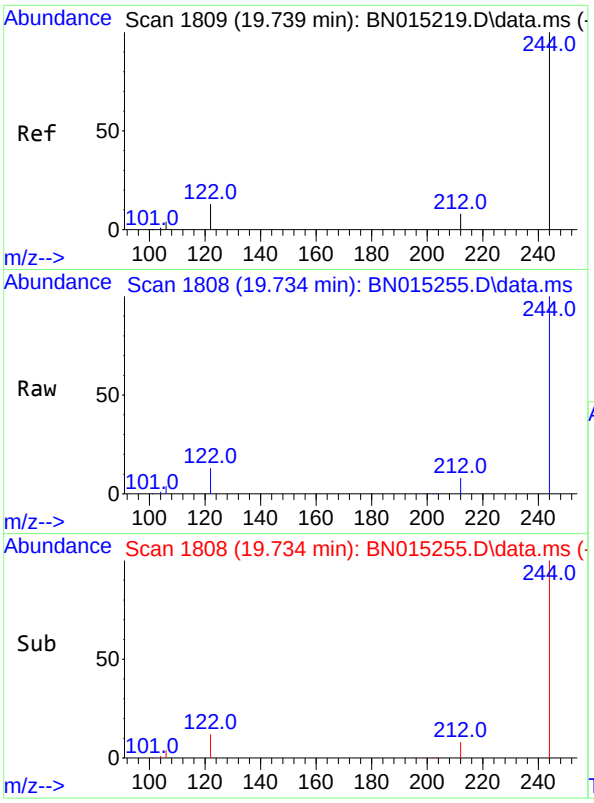


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:240 Resp: 91645

Ion	Ratio	Lower	Upper
240	100		
120	9.4	4.2	6.4#
236	26.1	21.4	32.2

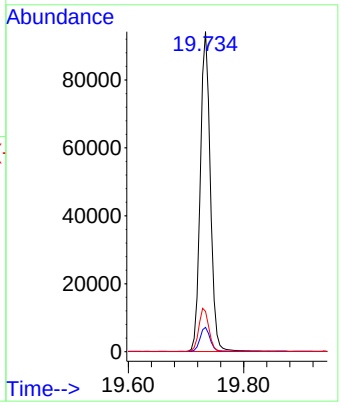


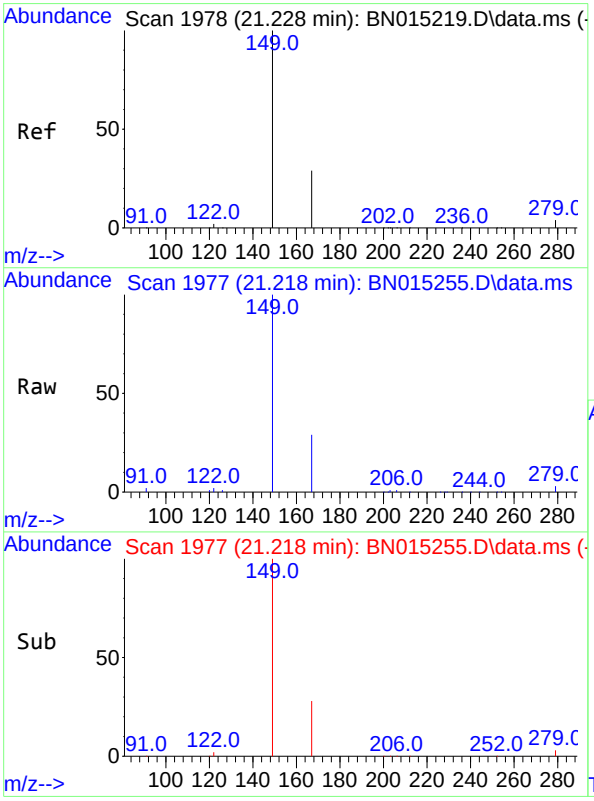


#31
Terphenyl-d14
Concen: 0.529 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.005 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:244 Resp: 113324

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	12.6	6.2	9.2#

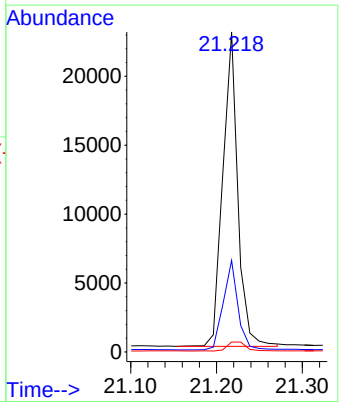




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.395 ng
RT: 21.218 min Scan# 1977
Delta R.T. -0.010 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:149 Resp: 27615

Ion	Ratio	Lower	Upper
149	100		
167	27.9	28.9	43.3#
279	3.5	4.9	7.3#



Instrument :
BNA_N
ClientSampleId :
RE105D1-20210621

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mohammad
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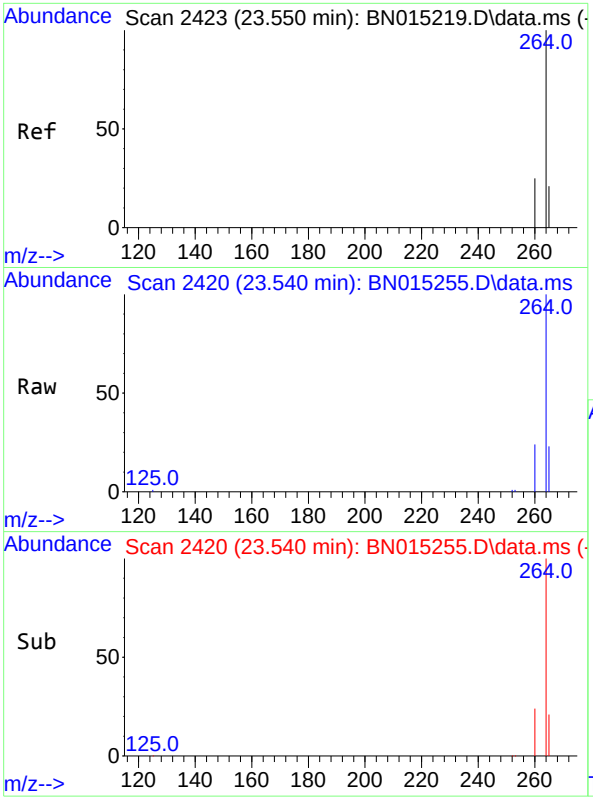
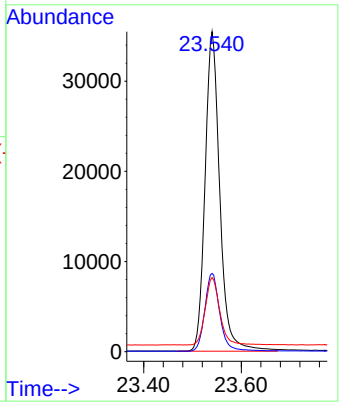


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.540 min Scan# 2420
Delta R.T. -0.010 min
Lab File: BN015255.D
Acq: 01 Jul 2021 12:04

Tgt Ion:264 Resp: 74028

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.6	31.0
265	23.1	21.4	32.2



Instrument :
BNA_N
ClientSampleId :
RE105D1-20210621

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