Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022972.D
Acq On : 30 Nov 2022 04:42
Operator : CG/JU
Sample : N5729-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE105D1-20221117

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 30 05:38:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	6367	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	16782	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	7688	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	14200	0.400	ng	# 0.00
29) Chrysene-d12	21.625	240	8443	0.400	ng	# 0.00
35) Perylene-d12	24.112	264	5804	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	1277	0.077	ng	0.00
5) Phenol-d6	7.204	99	1004	0.048	ng	0.00
8) Nitrobenzene-d5	9.217	82	3647m	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	6940	0.191	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	760	0.205	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	11737	0.334	ng	0.00
27) Fluoranthene-d10	19.469	212	9715	0.252	ng	0.00
31) Terphenyl-d14	20.067	244	7613	0.384	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.441	88	21071	2.608	ng	99
34) Bis(2-ethylhexyl)phtha...	21.535	149	569	0.042	ng	# 93

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

Quantitation Report (QT Reviewed)

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ClientSampleId :
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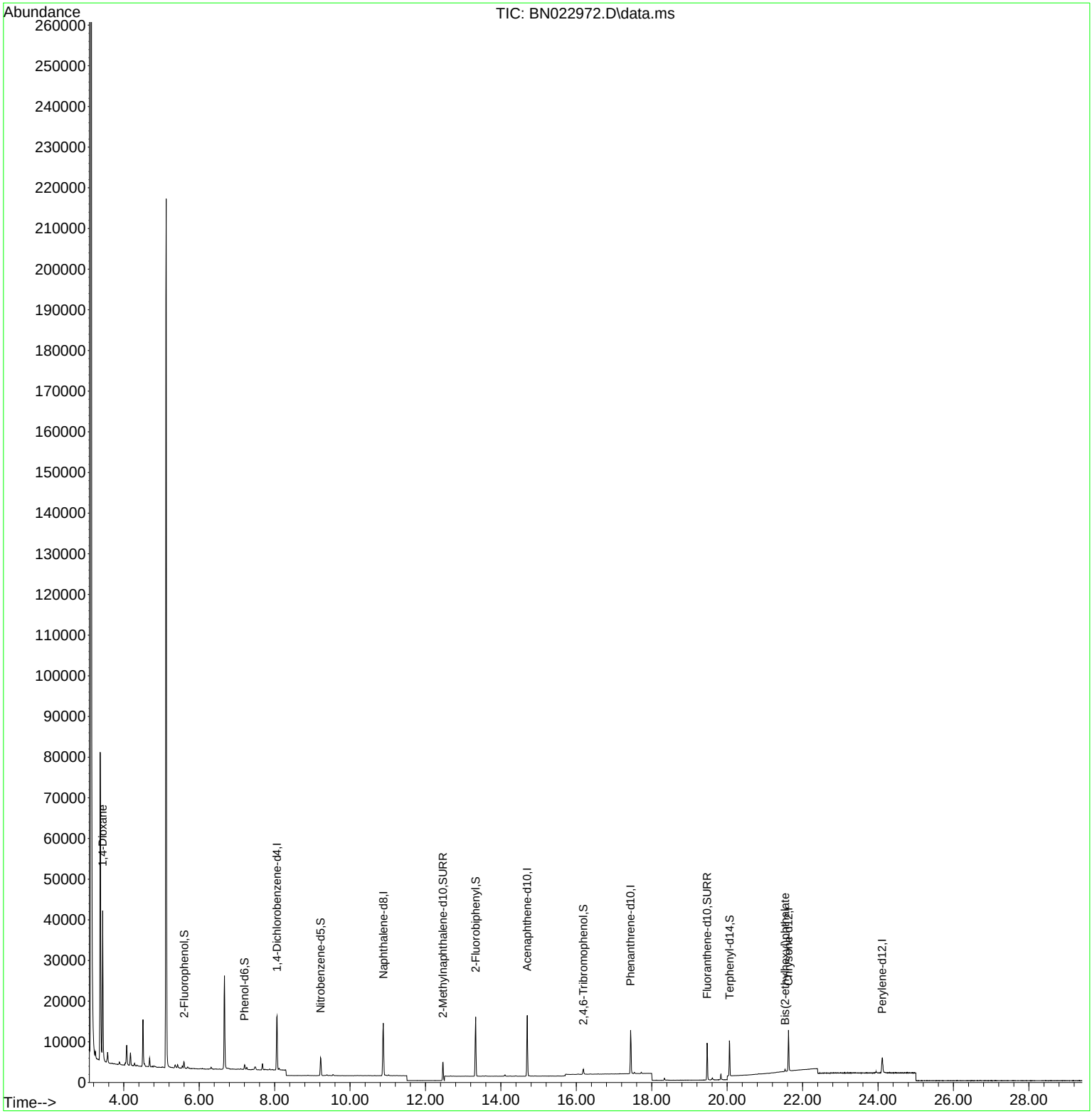
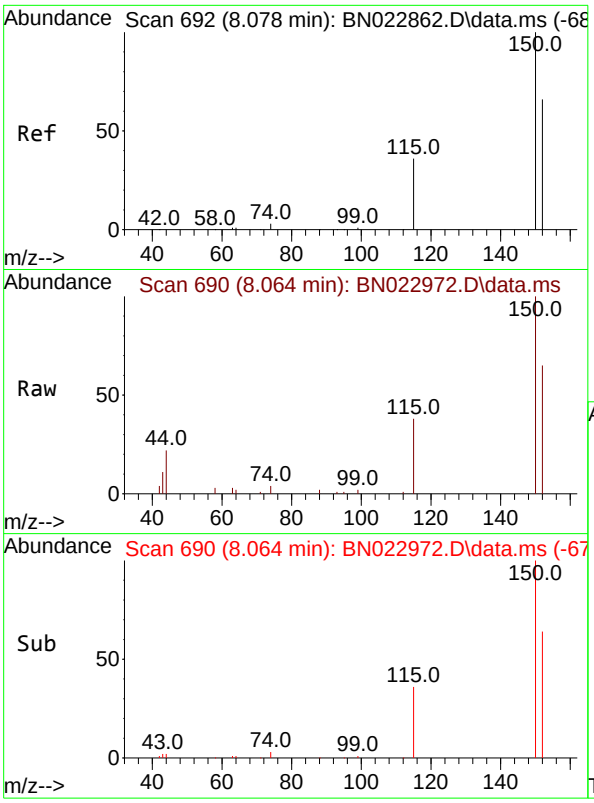
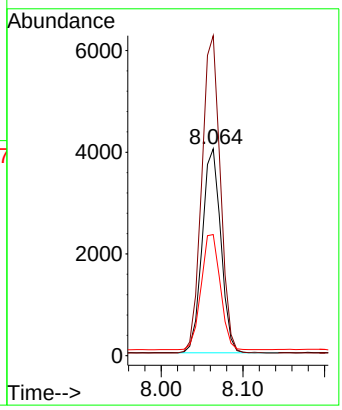




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:152 Resp: 636

Ion	Ratio	Lower	Upper
152	100		
150	154.6	121.2	181.8
115	58.5	46.2	69.4



Instrument :
BNA_N
ClientSampleId :
RE105D1-20221117

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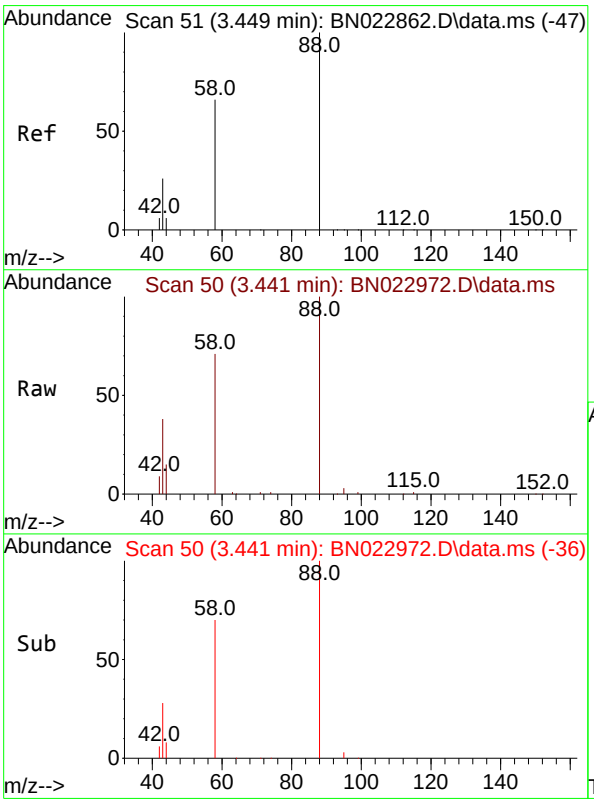
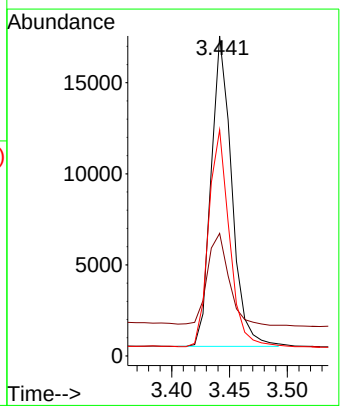
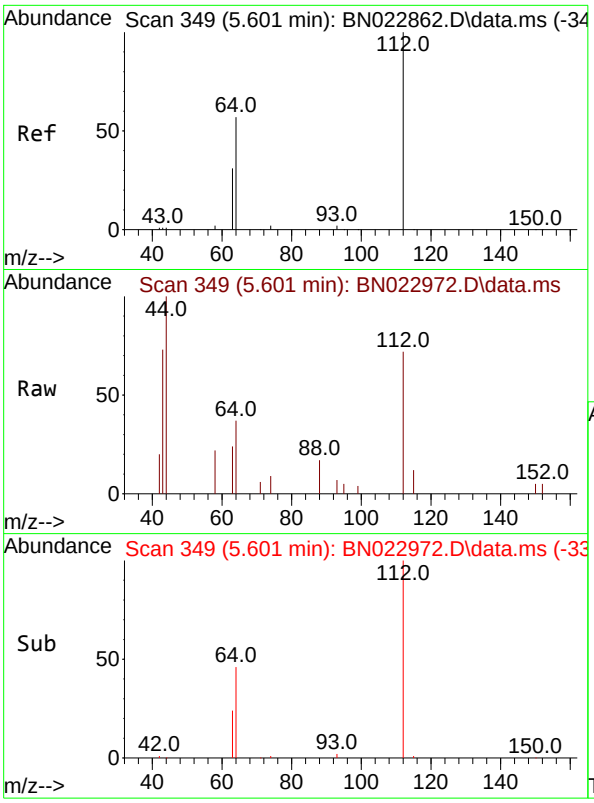


#2
1,4-Dioxane
Concen: 2.608 ng
RT: 3.441 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion: 88 Resp: 21071

Ion	Ratio	Lower	Upper
88	100		
43	30.9	25.4	38.2
58	70.4	56.5	84.7





#4
2-Fluorophenol
Concen: 0.077 ng
RT: 5.601 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:112 Resp: 127

Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.4	65.2
63	29.1	23.4	35.2

Instrument :
BNA_N
ClientSampleId :
RE105D1-20221117

Manual Integrations
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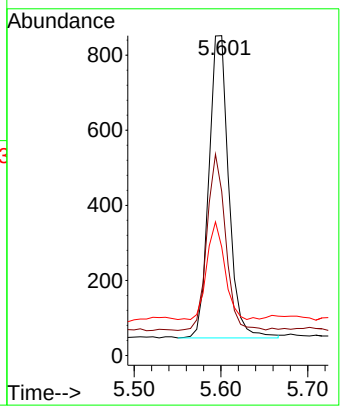
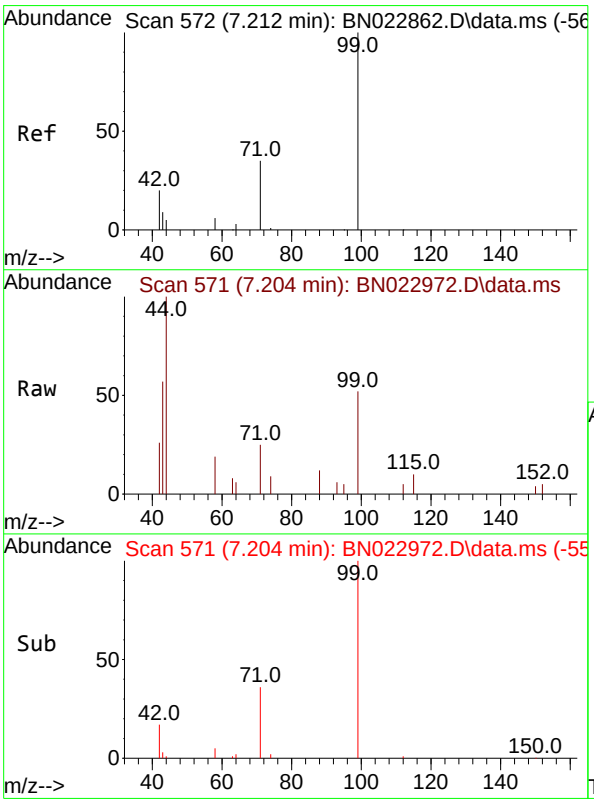
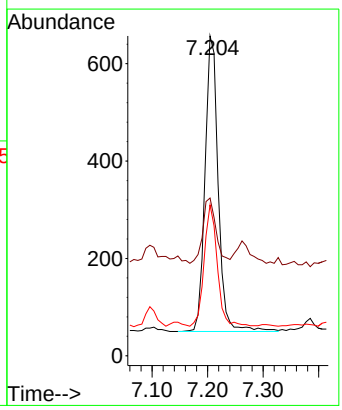


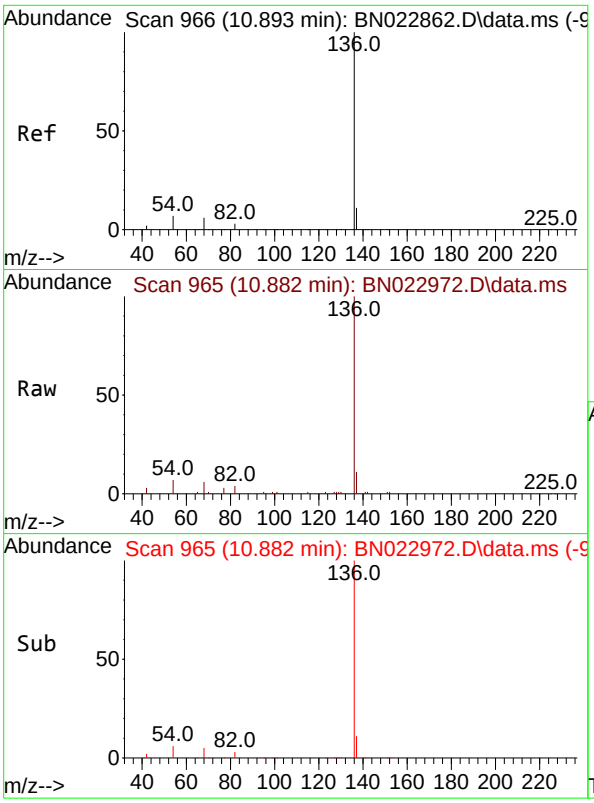


#5
Phenol-d6
Concen: 0.048 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion: 99 Resp: 1004

Ion	Ratio	Lower	Upper
99	100		
42	22.0	16.0	24.0
71	40.5	26.8	40.2#

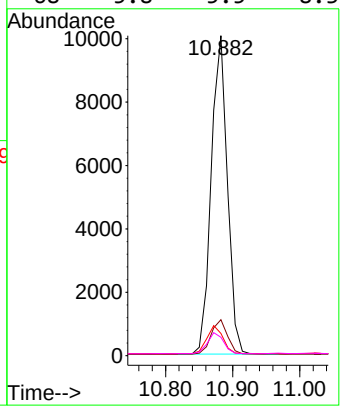




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:136 Resp: 1678

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.9	6.6	9.8
68	5.8	5.5	8.3



Instrument :
BNA_N
ClientSampleId :
RE105D1-20221117

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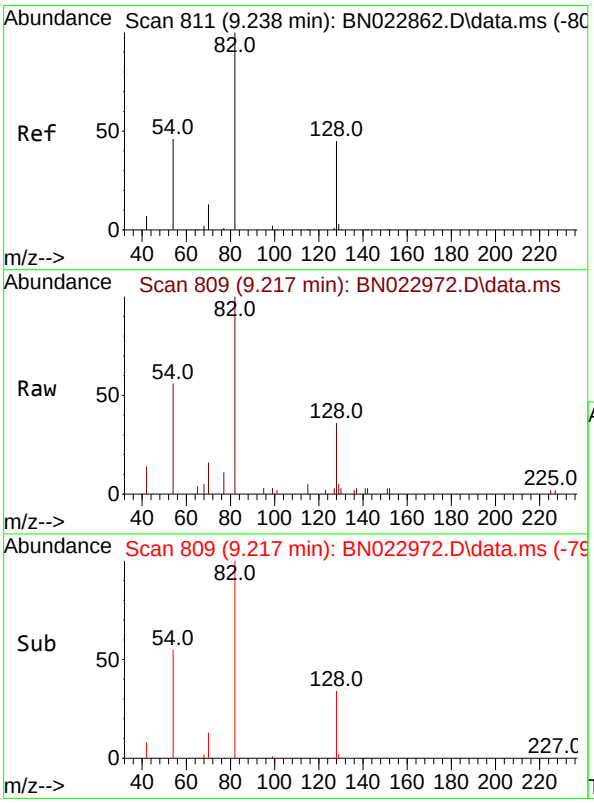
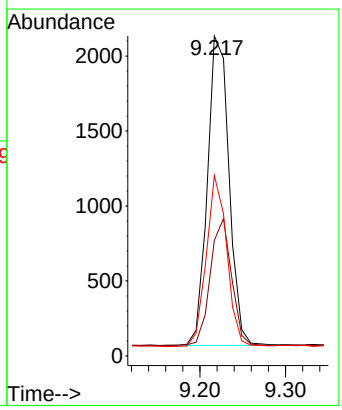
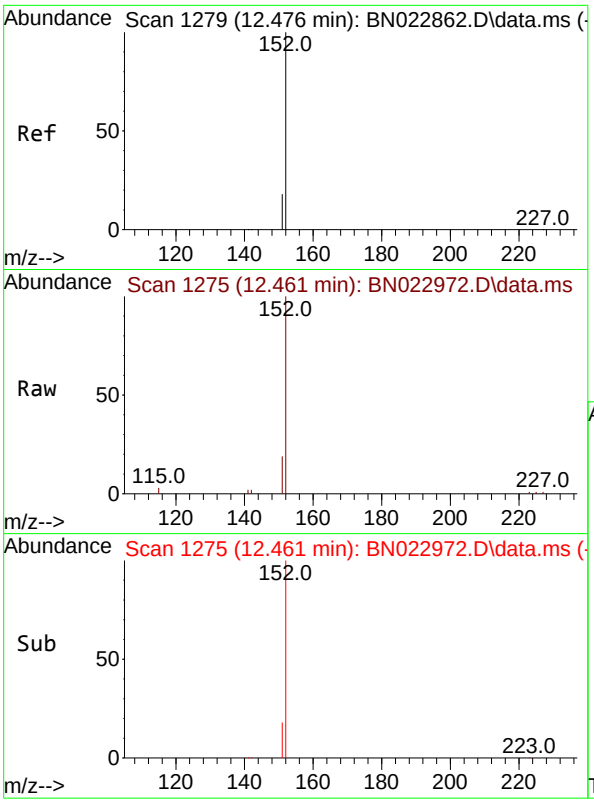


#8
Nitrobenzene-d5
Concen: 0.280 ng m
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion: 82 Resp: 3647

Ion	Ratio	Lower	Upper
82	100		
128	36.1	36.6	54.8#
54	56.4	38.5	57.7





#11
2-Methylnaphthalene-d10
Concen: 0.191 ng
RT: 12.461 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:152 Resp: 694

Ion	Ratio	Lower	Upper
152	100		
151	25.5	18.6	27.8

Instrument :
BNA_N
ClientSampleId :
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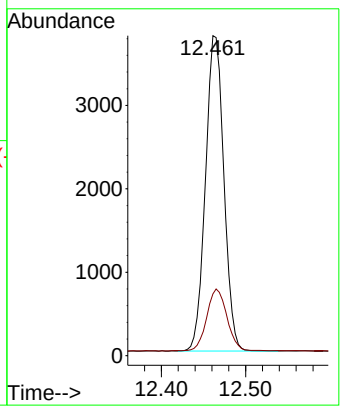
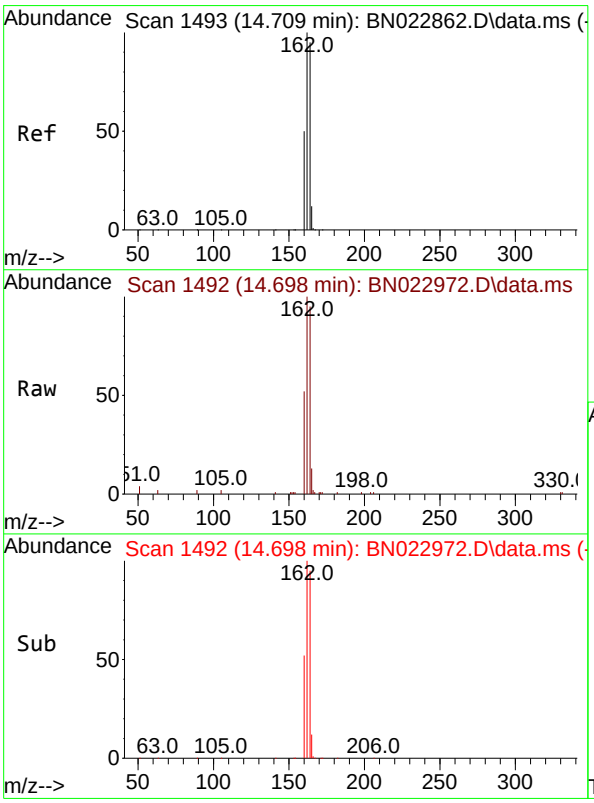
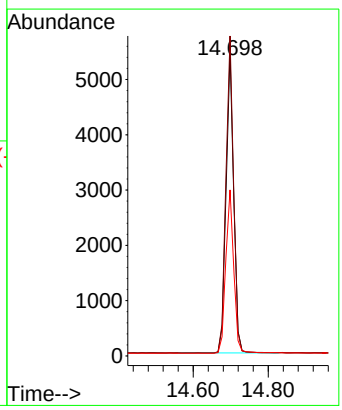


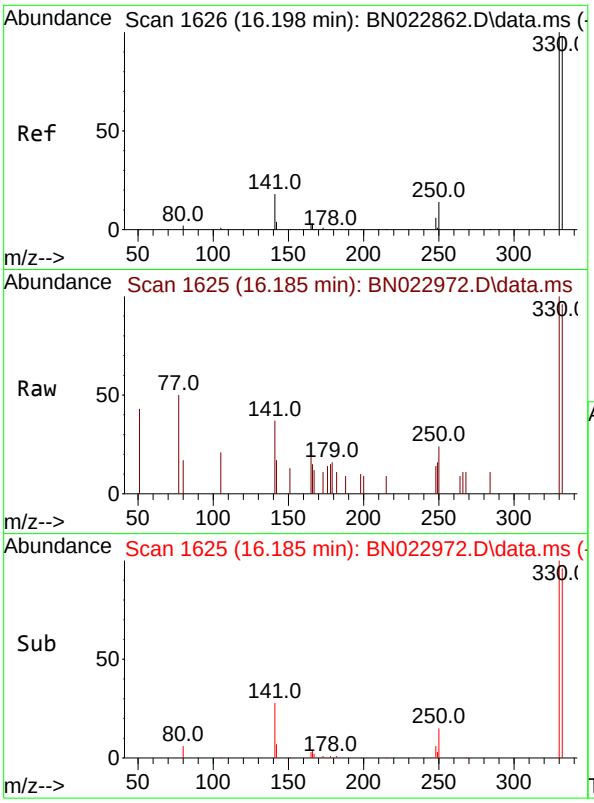


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:164 Resp: 7688

Ion	Ratio	Lower	Upper
164	100		
162	105.1	84.2	126.4
160	54.6	42.5	63.7

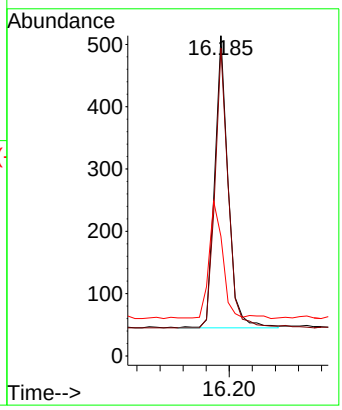




#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 16.185 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:330 Resp: 76(

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.5	114.7
141	41.3	32.6	48.8



Instrument :
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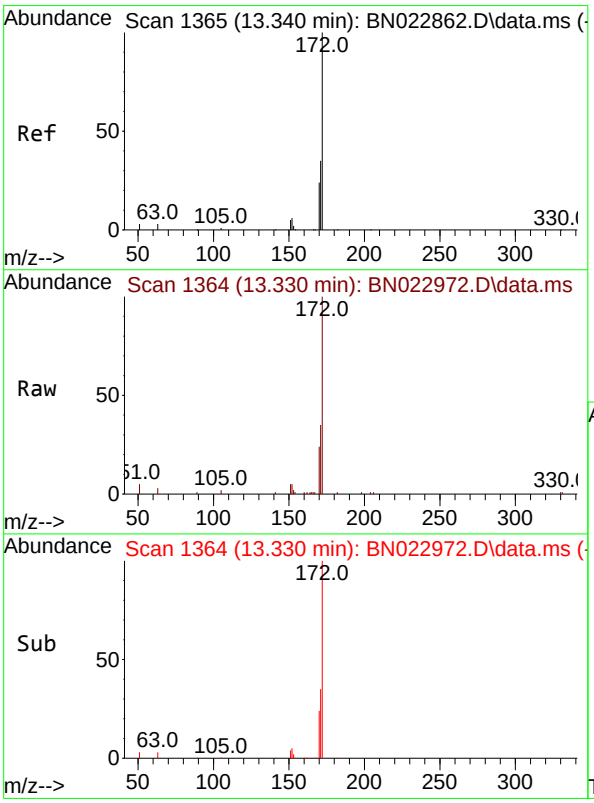
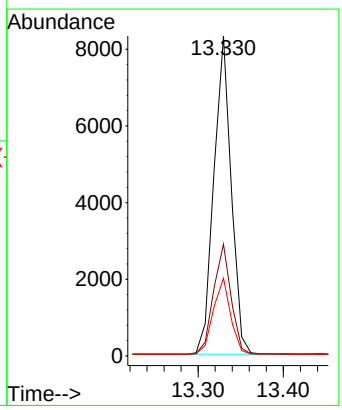
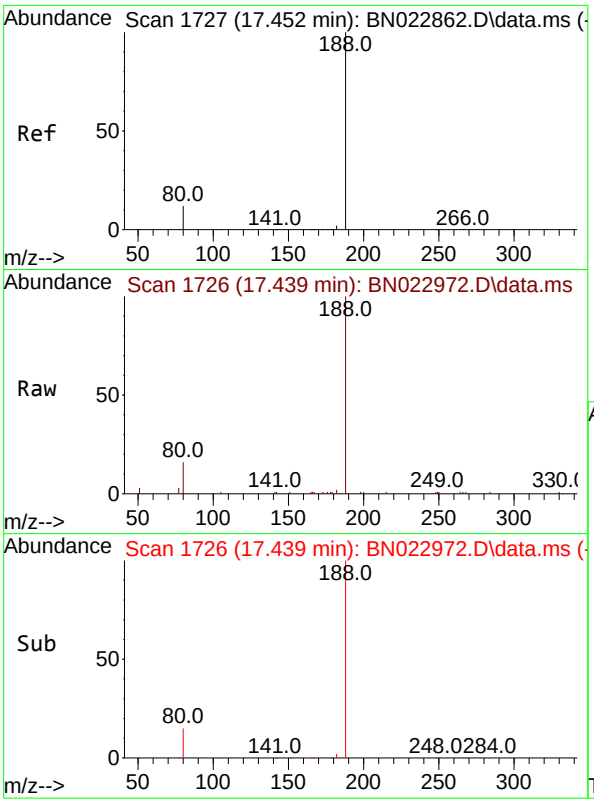


#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:172 Resp: 11737

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	24.3	19.3	28.9

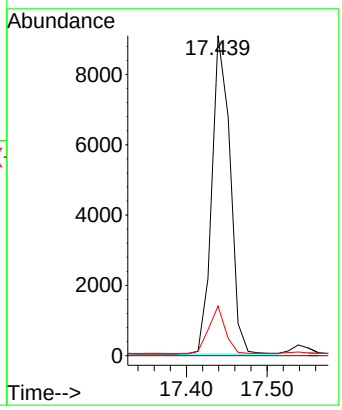




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:188 Resp: 1420

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.5	10.3	15.5#



Instrument :
BNA_N
ClientSampleId :
RE105D1-20221117

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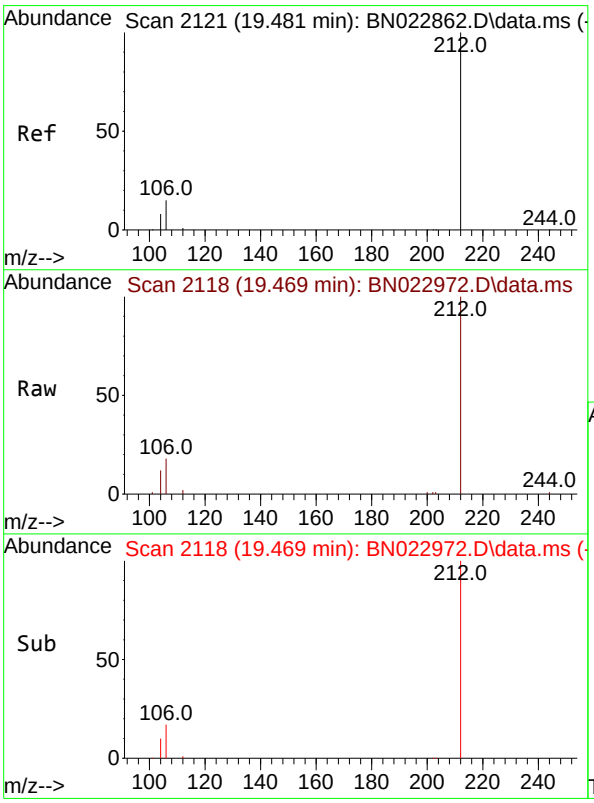
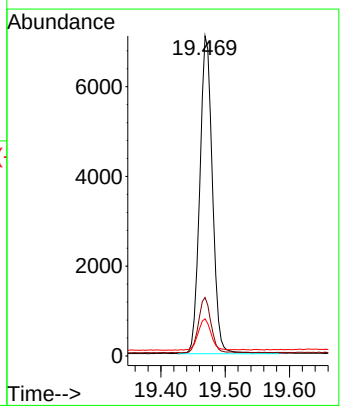
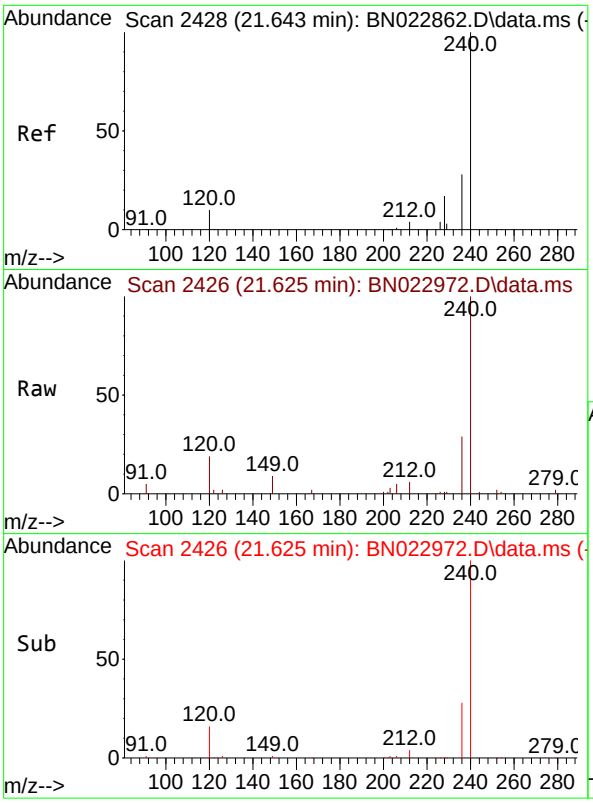


#27
Fluoranthene-d10
Concen: 0.252 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:212 Resp: 9715

Ion	Ratio	Lower	Upper
212	100		
106	17.3	12.3	18.5
104	10.1	7.0	10.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:240 Resp: 844

Ion	Ratio	Lower	Upper
240	100		
120	19.0	9.2	13.8#
236	29.2	22.6	34.0

Instrument :
BNA_N
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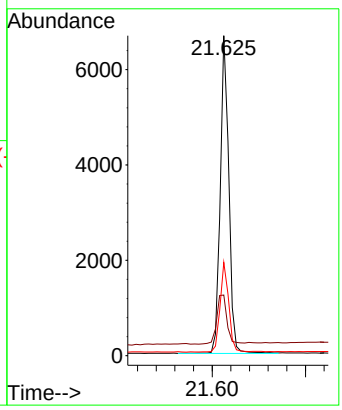
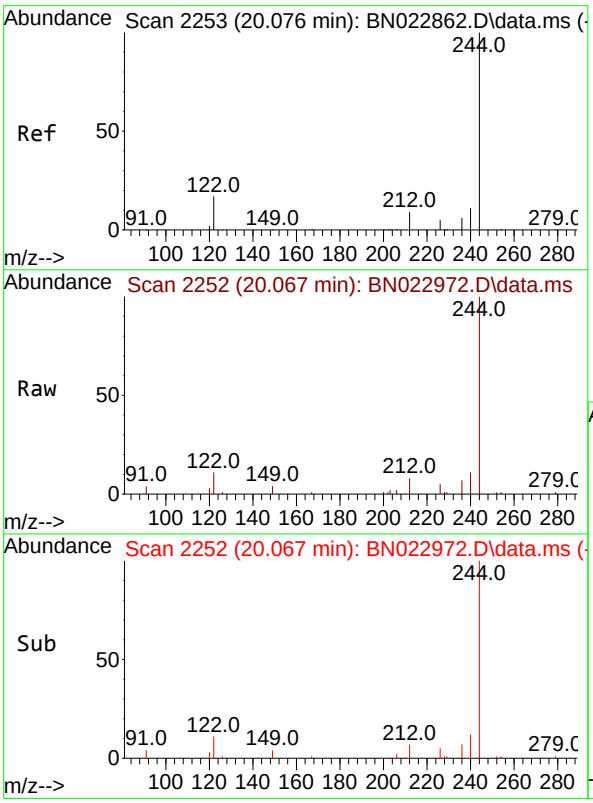
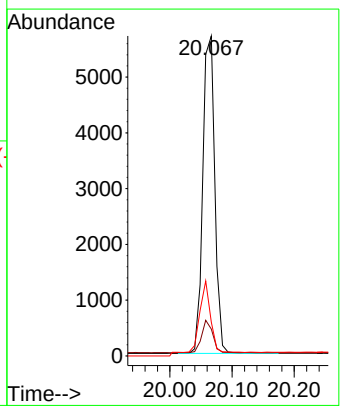


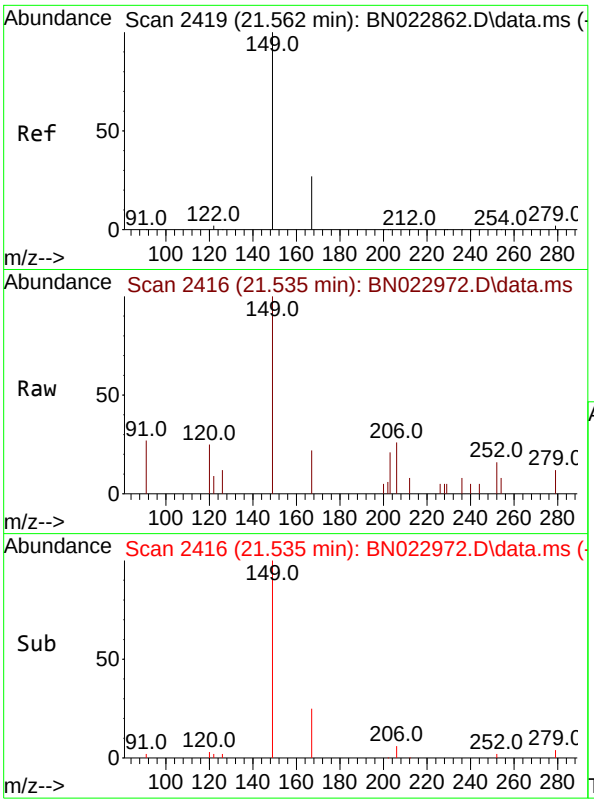


#31
Terphenyl-d14
Concen: 0.384 ng
RT: 20.067 min Scan# 2252
Delta R.T. 0.005 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:244 Resp: 7613

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.9	11.9
122	10.6	13.9	20.9#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 21.535 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Instrument :
BNA_N
ClientSampleId :
RE105D1-20221117

Tgt Ion:149 Resp: 569

Ion	Ratio	Lower	Upper
149	100		
167	29.7	21.3	31.9
279	7.0	2.3	3.5#

Manual Integrations
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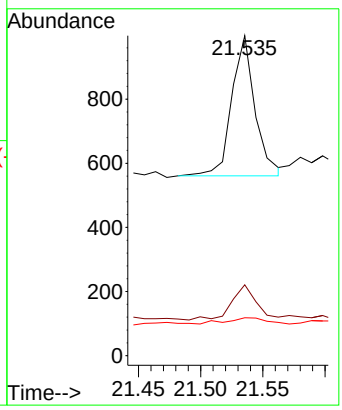

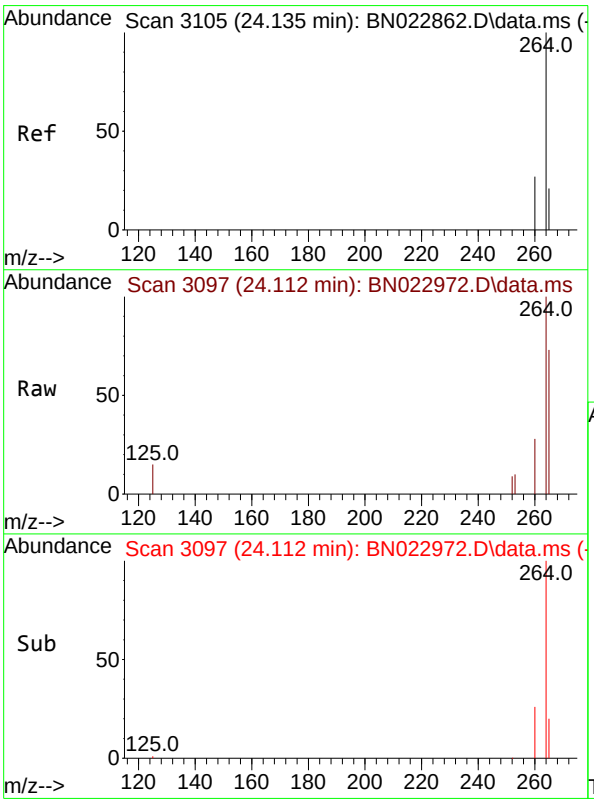

#35
Perylene-d12
Concen: 0.400 ng
RT: 24.112 min Scan# 3097
Delta R.T. -0.001 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:264 Resp: 5804

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.7	32.5
265	73.4	31.0	46.4#